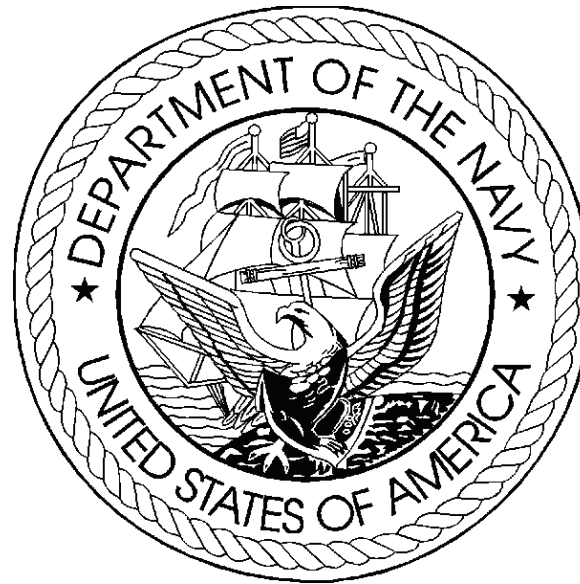


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**Department of Defense  
Fiscal Year (FY) 2015 Budget Estimates**

March 2014



**Navy**

*Justification Book Volume 2*

***Procurement of Ammo, Navy & MC***  
**Budget Activity 02**

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## **Department of Defense Appropriations Act, 2015**

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

For construction, procurement, production, and modification of ammunition, and accessories therefore; specialized equipment and training devices; expansion of public and private plants, including ammunition facilities, authorized by section 2854 of title 10, United States Code, and the land necessary therefore, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes, \$771,945,000, to remain available for obligation until September 30, 2017.

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Department of the Navy  
 FY 2015 President's Budget  
 Exhibit P-1 FY 2015 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

12 Feb 2014

Appropriation -----	FY 2013 (Base & OCO) -----	FY 2014 Base Enacted -----	FY 2014 OCO Enacted -----	FY 2014 Total Enacted -----	FY 2015 Base -----
Procurement of Ammo, Navy & MC	885,405	549,316	169,362	718,678	771,945
Total Department of the Navy	885,405	549,316	169,362	718,678	771,945



## UNCLASSIFIED

Department of the Navy  
 FY 2015 President's Budget  
 Exhibit P-1 FY 2015 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

12 Feb 2014

Appropriation: Procurement of Ammo, Navy &amp; MC

Budget Activity -----	FY 2013 (Base & OCO) -----	FY 2014 Base Enacted -----	FY 2014 OCO Enacted -----	FY 2014 Total Enacted -----	FY 2015 Base -----
01. Proc Ammo, Navy	551,645	453,122	104,446	557,568	637,211
02. Proc Ammo, MC	333,760	96,194	64,916	161,110	134,734
Total Procurement of Ammo, Navy & MC	885,405	549,316	169,362	718,678	771,945

## UNCLASSIFIED

Department of the Navy  
FY 2015 President's Budget  
Exhibit P-1 FY 2015 President's Budget  
Total Obligational Authority  
(Dollars in Thousands)

12 Feb 2014

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

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO) Quantity Cost	FY 2014 Base Enacted Quantity Cost	FY 2014 OCO Enacted Quantity Cost	FY 2014 Total Enacted Quantity Cost	FY 2015 Base Quantity Cost	S e c
Budget Activity 01: Proc Ammo, Navy								
-----								
Navy Ammunition								
1	General Purpose Bombs	A	42,619	37,703	11,424	49,127	107,069	U
2	Airborne Rockets, All Types	A	130,308	65,411	30,332	95,743	70,396	U
3	Machine Gun Ammunition	A	38,880	20,284	8,282	28,566	20,284	U
4	Practice Bombs	A	30,614	31,473		31,473	26,701	U
5	Cartridges & Cart Actuated Devices	A	49,828	53,764		53,764	53,866	U
6	Air Expendable Countermeasures	A	72,284	66,194	31,884	98,078	59,294	U
7	JATOS	A	2,556	2,749		2,749	2,766	U
8	LRLAP 6" Long Range Attack Projectile	A	6,553	3,906		3,906	113,092	U
9	5 Inch/54 Gun Ammunition	A	48,273	21,726		21,726	35,702	U
10	Intermediate Caliber Gun Ammunition	A	17,080	33,080		33,080	36,475	U
11	Other Ship Gun Ammunition	A	30,023	40,398	409	40,807	43,906	U
12	Small Arms & Landing Party Ammo	A	60,533	61,219	11,976	73,195	51,535	U
13	Pyrotechnic and Demolition	A	12,155	10,637	2,447	13,084	11,652	U
14	Ammunition Less Than \$5 Million	A	9,939	4,578	7,692	12,270	4,473	U
Total Proc Ammo, Navy			551,645	453,122	104,446	557,568	637,211	
Budget Activity 02: Proc Ammo, MC								
-----								
Marine Corps Ammunition								
15	Small Arms Ammunition		74,051	19,433	13,461	32,894	31,708	U

P-1C1: FY 2015 President's Budget (Published Version), as of February 12, 2014 at 08:54:08

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Department of the Navy  
FY 2015 President's Budget  
Exhibit P-1 FY 2015 President's Budget  
Total Obligational Authority  
(Dollars in Thousands)

12 Feb 2014

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

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO) Quantity Cost	FY 2014 Base Enacted Quantity Cost	FY 2014 OCO Enacted Quantity Cost	FY 2014 Total Enacted Quantity Cost	FY 2015 Base Quantity Cost	S e c
16	Linear Charges, All Types	A	25,969	6,088	3,310	9,398	692	U
17	40 Mm, All Types	A	22,086	7,644	6,244	13,888	13,630	U
18	60mm, All Types	A		3,349	3,368	6,717	2,261	U
19	81mm, All Types	A	3,763		9,162	9,162	1,496	U
20	120mm, All Types	A	17,822	13,361	10,266	23,627	14,855	U
21	Ctg 25mm, All Types	A	1,534		1,887	1,887		U
22	Grenades, All Types	A	7,686	2,149	1,611	3,760	4,000	U
23	Rockets, All Types	A	28,878				16,853	U
24	Artillery, All Types	A	105,939		970	970	14,772	U
25	Demolition Munitions, All Types	A			418	418		U
26	Fuze, All Types	A	32,174	25,366	14,219	39,585	9,972	U
27	Non Lethals	B	1,360				998	U
28	Ammo Modernization	A	4,557	8,403		8,403	12,319	U
29	Items Less Than \$5 Million	A	7,941	10,401		10,401	11,178	U
Total Proc Ammo, MC			333,760	96,194	64,916	161,110	134,734	
Total Procurement of Ammo, Navy & MC			885,405	549,316	169,362	718,678	771,945	

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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
10	01	01	0266	Intermediate Caliber Gun Ammo.....	Volume 1 - 47
11	01	01	0270	Other Ship Gun Ammunition.....	Volume 1 - 51
12	01	01	0335	Small Arms & Lndg Party Ammo.....	Volume 1 - 59
13	01	01	0340	Pyrotechnic and Demolition.....	Volume 1 - 75
14	01	01	0400	Ammunition less than \$5 million.....	Volume 1 - 85
2	01	01	0151	Airborne Rockets, All Types.....	Volume 1 - 7
3	01	01	0155	Machine Gun Ammunition.....	Volume 1 - 13
4	01	01	0160	Practice Bombs.....	Volume 1 - 17
5	01	01	0180	Cartridge Actuated Devices/Propellant Act Devices.....	Volume 1 - 23
6	01	01	0182	Air Expendable Countermeasures.....	Volume 1 - 29
7	01	01	0194	Jet Assisted Take Off (JATOs).....	Volume 1 - 35
8	01	01	0198	LRLAP 6 inch Long Range Attack Projectile.....	Volume 1 - 37
9	01	01	0250	5 Inch/54 Gun Ammunition.....	Volume 1 - 41

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

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Line #	BA	BSA	Line Item Number	Line Item Title	Page
15	02	01	1000	Small Arms Ammunition.....	Volume 2 - 1
16	02	01	1030	Linear Charges, All Types.....	Volume 2 - 11
17	02	01	1050	40 MM, All Types.....	Volume 2 - 15
18	02	01	1083	60 MM, All Types.....	Volume 2 - 19
19	02	01	1091	81 MM, All Types.....	Volume 2 - 25
20	02	01	1121	120 MM, All Types.....	Volume 2 - 31
21	02	01	1388	CTG 25 MM, All Types.....	Volume 2 - 37
22	02	01	1468	Grenades, All Types.....	Volume 2 - 41
23	02	01	1471	Rockets, All Types.....	Volume 2 - 49
24	02	01	1473	Artillery, All Types.....	Volume 2 - 53
25	02	01	1500	Demolition Munitions, All Types.....	Volume 2 - 61
26	02	01	1625	Fuze, All Types.....	Volume 2 - 65
27	02	01	1628	Non Lethals.....	Volume 2 - 69
28	02	01	1630	Ammo Modernization.....	Volume 2 - 73
29	02	01	1660	Items less than \$5 million.....	Volume 2 - 77

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<b>Line Item Title</b>	<b>Line Item Number</b>	<b>Line #</b>	<b>BA</b>	<b>BSA</b>	<b>Page</b>
120 MM, All Types	1121	20	02	01.....	Volume 2 - 31
40 MM, All Types	1050	17	02	01.....	Volume 2 - 15
5 Inch/54 Gun Ammunition	0250	9	01	01.....	Volume 1 - 41
60 MM, All Types	1083	18	02	01.....	Volume 2 - 19
81 MM, All Types	1091	19	02	01.....	Volume 2 - 25
Air Expendable Countermeasures	0182	6	01	01.....	Volume 1 - 29
Airborne Rockets, All Types	0151	2	01	01.....	Volume 1 - 7
Ammo Modernization	1630	28	02	01.....	Volume 2 - 73
Ammunition less than \$5 million	0400	14	01	01.....	Volume 1 - 85
Artillery, All Types	1473	24	02	01.....	Volume 2 - 53
CTG 25 MM, All Types	1388	21	02	01.....	Volume 2 - 37
Cartridge Actuated Devices/Propellant Act Devices	0180	5	01	01.....	Volume 1 - 23
Demolition Munitions, All Types	1500	25	02	01.....	Volume 2 - 61
Fuze, All Types	1625	26	02	01.....	Volume 2 - 65
General Purpose Bombs	0145	1	01	01.....	Volume 1 - 1
Grenades, All Types	1468	22	02	01.....	Volume 2 - 41
Intermediate Caliber Gun Ammo	0266	10	01	01.....	Volume 1 - 47

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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 - 77
Jet Assisted Take Off (JATOs)	0194	7	01	01.....	Volume 1 - 35
LRLAP 6 inch Long Range Attack Projectile	0198	8	01	01.....	Volume 1 - 37
Linear Charges, All Types	1030	16	02	01.....	Volume 2 - 11
Machine Gun Ammunition	0155	3	01	01.....	Volume 1 - 13
Non Lethals	1628	27	02	01.....	Volume 2 - 69
Other Ship Gun Ammunition	0270	11	01	01.....	Volume 1 - 51
Practice Bombs	0160	4	01	01.....	Volume 1 - 17
Pyrotechnic and Demolition	0340	13	01	01.....	Volume 1 - 75
Rockets, All Types	1471	23	02	01.....	Volume 2 - 49
Small Arms & Lndg Party Ammo	0335	12	01	01.....	Volume 1 - 59
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
15	02	01	1000	Small Arms Ammunition.....	Volume 2 - 1
16	02	01	1030	Linear Charges, All Types.....	Volume 2 - 11
17	02	01	1050	40 MM, All Types.....	Volume 2 - 15
18	02	01	1083	60 MM, All Types.....	Volume 2 - 19
19	02	01	1091	81 MM, All Types.....	Volume 2 - 25
20	02	01	1121	120 MM, All Types.....	Volume 2 - 31
21	02	01	1388	CTG 25 MM, All Types.....	Volume 2 - 37
22	02	01	1468	Grenades, All Types.....	Volume 2 - 41
23	02	01	1471	Rockets, All Types.....	Volume 2 - 49
24	02	01	1473	Artillery, All Types.....	Volume 2 - 53
25	02	01	1500	Demolition Munitions, All Types.....	Volume 2 - 61
26	02	01	1625	Fuze, All Types.....	Volume 2 - 65
27	02	01	1628	Non Lethals.....	Volume 2 - 69
28	02	01	1630	Ammo Modernization.....	Volume 2 - 73
29	02	01	1660	Items less than \$5 million.....	Volume 2 - 77

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

<b>Line Item Title</b>	<b>Line Item Number</b>	<b>Line #</b>	<b>BA</b>	<b>BSA</b>	<b>Page</b>
120 MM, All Types	1121	20	02	01.....	Volume 2 - 31
40 MM, All Types	1050	17	02	01.....	Volume 2 - 15
60 MM, All Types	1083	18	02	01.....	Volume 2 - 19
81 MM, All Types	1091	19	02	01.....	Volume 2 - 25
Ammo Modernization	1630	28	02	01.....	Volume 2 - 73
Artillery, All Types	1473	24	02	01.....	Volume 2 - 53
CTG 25 MM, All Types	1388	21	02	01.....	Volume 2 - 37
Demolition Munitions, All Types	1500	25	02	01.....	Volume 2 - 61
Fuze, All Types	1625	26	02	01.....	Volume 2 - 65
Grenades, All Types	1468	22	02	01.....	Volume 2 - 41
Items less than \$5 million	1660	29	02	01.....	Volume 2 - 77
Linear Charges, All Types	1030	16	02	01.....	Volume 2 - 11
Non Lethals	1628	27	02	01.....	Volume 2 - 69
Rockets, All Types	1471	23	02	01.....	Volume 2 - 49
Small Arms Ammunition	1000	15	02	01.....	Volume 2 - 1

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy	<b>Date:</b> March 2014
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition	<b>P-1 Line Item Number / Title:</b> 1000 / Small Arms 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 2013	FY 2014	FY 2015 Base	FY 2015 OCO <sup>#</sup>	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	200.514	74.051	32.894	31.708	-	31.708	47.299	52.526	48.074	18.582	-	505.648
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	200.514	74.051	32.894	31.708	-	31.708	47.299	52.526	48.074	18.582	-	505.648
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>200.514</b>	<b>74.051</b>	<b>32.894</b>	<b>31.708</b>	<b>-</b>	<b>31.708</b>	<b>47.299</b>	<b>52.526</b>	<b>48.074</b>	<b>18.582</b>	<b>-</b>	<b>505.648</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> The FY 2015 OCO Request will be submitted at a later date.

**Description:**

The Small Arms Ammunition BLIN consists of a family of 9mm, 5.56mm, 7.62mm, 12 gauge, caliber .45 and .50 munitions. Small arms ammunition in general is described as a cartridge or a family of cartridges that their intended use is in various types of crew-served/mounted weapons, hand-held pistols, or shoulder fired rifles, ranging from .22 caliber to .50 calibers weapons. A small arms cartridge is an assembly consisting of a cartridge case, a primer, a quantity of propellant, and a bullet.

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Small Arms Ammunition	P-40a		-	-	200.514	-	-	74.051	-	-	32.894	-	-	31.708	-	-	-	-	-	31.708
<b>Total Gross/Weapon System Cost</b>			-	-	<b>200.514</b>	-	-	<b>74.051</b>	-	-	<b>32.894</b>	-	-	<b>31.708</b>	-	-	<b>-</b>	<b>-</b>	<b>-</b>	<b>31.708</b>

\*For P-40as, Title represents the P40a Title.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**

FY 2013 Base Appropriation Request \$63.103M: \$0.250M procured the 12 Gauge No. 9 Shot; \$0.250M procured the 12 Gauge 1 Ounce Slug Commercial; \$10.377M procured the 5.56mm NATO Ball M855 10/Clip; \$17.054M procured the 5.56mm 4 Ball/1 Tracer Linked; \$3.633 procured the 7.62mm 4 Ball M80/1 Tracer M62 Linked; \$11.642M procured the 7.62mm Ball M80 Linked; \$3.500M procured the 9mm Ball M882; \$14.528M procured the Caliber .50 4 API M8/1 API-T M20 Linked; \$0.399M procured the 12 Gauge Door Breaching MK246 Mod 0; \$1.470M supported First Destination Transportaion cost for items delivered in FY13. All of these items are in the training and combat requirements that have been identified in the Total Munitions Requirement (TMR).

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		P-1 Line Item Number / Title: 1000 / Small Arms Ammunition
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
<p>FY 2014 Base Appropriation Request \$19.433M: \$0.100M procures the 7.62mm Blank M82 Single Round; \$0.100M procures the 7.62mm Dummy; \$0.150M procures the Caliber .45 Ball M1911 Match; \$0.523M procures the Caliber .50 Ball M2/M33 Single Round; \$0.514M procures the Caliber .50 4 API M8/1 API-T M20 Linked; \$0.211M procures the 9mm Frangible MK254-0; \$0.100M procures the 5.56mm Special Match Molybdenum Coated; \$14.415M procures the Caliber .50 Reduced Range 4 Ball/1 Tracer Linked; \$2.822M procures the Caliber .50 Reduced Range Ball Linked; \$0.147M procures the 9mm Blank Single Round; \$0.351M procures the 7.62mmx39 Ball Foreign Non-Standard Ammunition. All of these items are in the training and combat requirements that have been identified in the Total Munitions Requirement (TMR). The decrease in funding is due to Congressional Marks for forward funding of 5.56mm.</p> <p>FY 2015 Base Appropriation Request \$31.708M: \$13.410M will procure the 5.56mm NATO Ball M855 10/Clip; \$0.997M will procure the 5.56mm 4 Ball/1 Tracer Linked; \$0.997M will procure the 5.56mm Blank M299 Linked; \$0.997M will procure the 5.56mm Blank M200 Single Round; \$0.997M will procure the 7.62mm 4 Ball M80/1 Tracer M62 Linked; \$0.576M will procure the Caliber .50 Ball M2/M33 Single Round; \$7.904M will procure the Caliber .50 4 API M8/1 API-T M20 Linked; \$0.341M will procure the 5.56mm FX Blue Marking Linked; \$0.853M will procure the 5.56mm FX Red Marking Linked; \$2.795M will procure the 5.56mm FX Orange Marking Single Round; \$1.692M will procure the 5.56mm FX Red Marking Single Round; \$0.149M will procure the 9mm Blank Single Round. All of these items are in the training and combat requirements that have been identified in the Total Munitions Requirement (TMR).</p> <p>OCO: FY 2013 Overseas Contingency Operations (OCO) Request \$10.948M: \$3.000M procured the 7.62mm 4 Ball M80/1 Tracer M62 Linked; \$0.021M procured the 9mm Ball M882; \$7.927M procured the Caliber .50 4 API M8/1 API-T M20 Linked; for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. FY13 funding supported Operation Enduring Freedom - Afghanistan (OEF-A).</p> <p>FY 2014 Overseas Contingency Operations (OCO) Request \$13.461M: \$2.812M procures the 5.56mm Blank M200 Single Round; \$0.139M procures the 7.62mm Ball M80 Linked; \$2.716M procures the 9mm Ball M882; \$0.087M procures the Caliber .45 Ball M1911 Match; \$0.594M procures the Caliber .50 Ball M2/M33 Single Round; \$5.147M procures the Caliber .50 4 API M8/1 API-T M20 Linked; \$0.649M procures the 5.56mm Special Match Molybdenum Coated; \$0.099M procures the 5.56mm FX Red Marking Single Round; \$1.218M procures the Caliber .50 Reduced Range 4 Ball/1 Tracer Linked; for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. FY14 funding supports Operation Enduring Freedom - Afghanistan (OEF-A).</p>		



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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1							P-1 Line Item Number / Title: 1000 / Small Arms Ammunition								Aggregated Items Title: Small Arms Ammunition					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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) A017 CTG, 12 GAUGE # 9 SHOT																				
1.1) A017 COMPLETE ROUND	A		-	-	-	0.25	973,736	0.240	-	-	-	-	-	-	-	-	-	-	-	-
1.2) A017 PRODUCTION ENGINEERING			-	-	-	-	-	0.010	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) A017 CTG, 12 GAUGE # 9 SHOT			-	-	0.000	-	-	0.250	-	-	-	-	-	-	-	-	-	-	-	-
2) A023 CTG, 12 GAUGE SLUG																				
2.1) A023 CTG, 12 GAUGE SLUG	A		-	-	-	0.65	384,615	0.250	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2) A023 CTG, 12 GAUGE SLUG			-	-	0.000	-	-	0.250	-	-	-	-	-	-	-	-	-	-	-	-
3) A059 CTG, 5.56MM BALL																				
3.1) A059 LOAD, ASSEMBLE AND PACK (LAP) (1)	A		0.31	212,111K	66.189	0.39	25,146,897	9.858	-	-	-	0.23	53,556,235	12.324	-	-	-	0.23	53,556,235	12.324
3.2) A059 LOAD, ASSEMBLE AND PACK (LAP) (2)	A		0.32	7,372,389	2.359	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.3) A059 BOX METAL M2A1 (EA) (1)	A		8.84	511,563	4.523	9.54	30,428	0.290	-	-	-	-	-	-	-	-	-	-	-	-
3.4) A059 BOX METAL M2A1 (EA) (2)	A		9.00	2,000	0.018	-	-	-	-	-	-	13.21	64,803	0.856	-	-	-	13.21	64,803	0.856
3.5) A059 PRODUCTION ENGINEERING			-	-	1.611	-	-	0.229	-	-	-	-	-	0.179	-	-	-	-	-	0.179
3.6) A059 QUALITY ASSURANCE			-	-	0.050	-	-	-	-	-	-	-	-	0.013	-	-	-	-	-	0.013
3.7) A059 ACCEPTANCE TESTING			-	-	0.097	-	-	-	-	-	-	-	-	0.038	-	-	-	-	-	0.038
Subtotal: 3) A059 CTG, 5.56MM BALL			-	-	74.847	-	-	10.377	-	-	-	-	-	13.410	-	-	-	-	-	13.410
4) A064 CTG, 5.56MM 4 & 1 LINKED <sup>(1)</sup>																				
4.1) A064 COMPLETE ROUND	A		0.36	41,157,680	15.017	0.30	55,490,164	16.680	-	-	-	0.53	1,781,642	0.944	-	-	-	0.53	1,781,642	0.944
4.2) A064 PRODUCTION ENGINEERING			-	-	0.504	-	-	0.370	-	-	-	-	-	0.025	-	-	-	-	-	0.025
4.3) A064 QUALITY ASSURANCE			-	-	0.016	-	-	0.004	-	-	-	-	-	0.002	-	-	-	-	-	0.002
4.4) A064 ACCEPTANCE TESTING			-	-	0.017	-	-	-	-	-	-	-	-	0.026	-	-	-	-	-	0.026

**UNCLASSIFIED**

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy														Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1						P-1 Line Item Number / Title: 1000 / Small Arms Ammunition								Aggregated Items Title: Small Arms Ammunition						
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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: 4) A064 CTG, 5.56MM 4 & 1 LINKED			-	-	15.554	-	-	17.054	-	-	-	-	-	0.997	-	-	-	-	-	0.997
5) A075 CTG, 5.56MM BLANK LINKED																				
5.1) A075 COMPLETE ROUND	A		0.36	11,068,043	4.022	-	-	-	-	-	-	0.21	4,500,374	0.936	-	-	-	0.21	4,500,374	0.936
5.2) A075 PRODUCTION ENGINEERING			-	-	0.041	-	-	-	-	-	-	-	-	0.061	-	-	-	-	-	0.061
5.3) A075 PRODUCTION VERIFICATION TEST			-	-	0.412	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 5) A075 CTG, 5.56MM BLANK LINKED			-	-	4.475	-	-	-	-	-	-	-	-	0.997	-	-	-	-	-	0.997
6) A080 CTG, 5.56MM BLANK																				
6.1) A080 LOAD, ASSEMBLE AND PACK (LAP)	A		0.24	23,460,249	5.609	-	-	-	0.14	18,882,163	2.596	0.14	5,935,421	0.838	-	-	-	0.14	5,935,421	0.838
6.2) A080 BOX METAL M2A1 (EA) (1)	A		9.50	20,832	0.198	-	-	-	12.85	16,805	0.216	13.21	5,282	0.070	-	-	-	13.21	5,282	0.070
6.3) A080 PRODUCTION ENGINEERING			-	-	0.064	-	-	-	-	-	-	-	-	0.085	-	-	-	-	-	0.085
6.4) A080 QUALITY ASSURANCE			-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.5) A080 ACCEPTANCE TESTING			-	-	0.007	-	-	-	-	-	-	-	-	0.004	-	-	-	-	-	0.004
Subtotal: 6) A080 CTG, 5.56MM BLANK			-	-	5.879	-	-	-	-	-	2.812	-	-	0.997	-	-	-	-	-	0.997
7) A112 CTG, 7.62MM BLANK M82																				
7.1) A112 LOAD, ASSEMBLE AND PACK (LAP)	A		-	-	-	-	-	-	0.30	302,293	0.091	-	-	-	-	-	-	-	-	-
7.2) A112 BOX METAL M2A2	A		-	-	-	-	-	-	12.84	508	0.007	-	-	-	-	-	-	-	-	-
7.3) A112 PRODUCTION ENGINEERING			-	-	-	-	-	-	-	-	0.002	-	-	-	-	-	-	-	-	-
Subtotal: 7) A112 CTG, 7.62MM BLANK M82			-	-	0.000	-	-	-	-	-	0.100	-	-	-	-	-	-	-	-	-
8) A131 CTG, 7.62MM 4 & 1 LINKED																				
8.1) A131 COMPLETE ROUND	A		0.77	28,054,989	21.566	0.49	12,795,109	6.302	-	-	-	0.55	1,723,124	0.952	-	-	-	0.55	1,723,124	0.952

**UNCLASSIFIED**

<b>Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy</b>																<b>Date:</b> March 2014				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / 02 / 1								<b>P-1 Line Item Number / Title:</b> 1000 / Small Arms Ammunition								<b>Aggregated Items Title:</b> Small Arms Ammunition				
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
8.2) A131 PRODUCTION ENGINEERING			-	-	0.790	-	-	0.310	-	-	-	-	-	0.034	-	-	-	-	-	0.034
8.3) A131 QUALITY ASSURANCE			-	-	0.017	-	-	0.002	-	-	-	-	-	0.001	-	-	-	-	-	0.001
8.4) A131 ACCEPTANCE TESTING			-	-	0.202	-	-	0.019	-	-	-	-	-	0.010	-	-	-	-	-	0.010
8.5) A131, NONRECURRING	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: 8) A131 CTG, 7.62MM 4 &amp; 1 LINKED</i>			-	-	22.575	-	-	6.633	-	-	-	-	-	0.997	-	-	-	-	-	0.997
<b>9) A143 CTG, 7.62MM BALL LINKED</b>																				
9.1) A143 COMPLETE ROUND	A		0.68	6,692,647	4.551	0.47	24,414,314	11.489	0.53	262,655	0.139	-	-	-	-	-	-	-	-	-
9.2) A143 PRODUCTION ENGINEERING			-	-	0.170	-	-	0.135	-	-	-	-	-	-	-	-	-	-	-	-
9.3) A143 ACCEPTANCE TESTING			-	-	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	-	-
9.4) A143 QUALITY ASSURANCE	A		-	-	-	-	-	0.002	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: 9) A143 CTG, 7.62MM BALL LINKED</i>			-	-	4.721	-	-	11.642	-	-	0.139	-	-	-	-	-	-	-	-	-
<b>10) A159 CTG 7.62MM DUMMY</b>																				
10.1) A159 LOAD, ASSEMBLE AND PACK (LAP)	A		-	-	-	-	-	-	0.76	125,437	0.095	-	-	-	-	-	-	-	-	-
10.2) A159 BOX METAL M2A2 <sup>(2)</sup>	A		-	-	-	-	-	-	12.84	278	0.004	-	-	-	-	-	-	-	-	-
10.3) A159 PRODUCTION ENGINEERING			-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	-	-	-	-
<i>Subtotal: 10) A159 CTG 7.62MM DUMMY</i>			-	-	0.000	-	-	-	-	-	0.100	-	-	-	-	-	-	-	-	-
<b>11) A363 CTG, 9MM BALL</b>																				
11.1) A363 LOAD, ASSEMBLE AND PACK (LAP)	A		0.15	36,167,844	5.517	0.17	19,167,431	3.170	0.17	14,491,216	2.528	-	-	-	-	-	-	-	-	-
11.2) A363 BOX METAL M2A1 (EA) (1)	A		9.43	15,690	0.148	9.54	19,347	0.185	-	-	-	-	-	-	-	-	-	-	-	-
11.3) A363 BOX METAL M2A2	A		9.95	21,000	0.209	-	-	-	12.85	14,636	0.188	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy</b>																<b>Date:</b> March 2014				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / 02 / 1								<b>P-1 Line Item Number / Title:</b> 1000 / Small Arms Ammunition								<b>Aggregated Items Title:</b> Small Arms Ammunition				
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
11.4) A363 PRODUCTION ENGINEERING			-	-	0.227	-	-	0.144	-	-	-	-	-	-	-	-	-	-	-	-
11.5) A363 QUALITY ASSURANCE			-	-	0.004	-	-	0.002	-	-	-	-	-	-	-	-	-	-	-	-
11.6) A363 ACCEPTANCE TESTING	A		-	-	-	-	-	0.020	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: 11) A363 CTG, 9MM BALL</i>			-	-	6.105	-	-	3.521	-	-	2.716	-	-	-	-	-	-	-	-	-
<b>12) A483 CTG CAL .45 MATCH GRADE</b>																				
12.1) A483 LOAD, ASSEMBLE AND PACK (LAP)	A		-	-	-	-	-	-	0.59	385,979	0.228	-	-	-	-	-	-	-	-	-
12.2) A483 BOX METAL M2A2	A		-	-	-	-	-	-	12.84	389	0.005	-	-	-	-	-	-	-	-	-
12.3) A483 PRODUCTION ENGINEERING			-	-	-	-	-	-	-	-	0.003	-	-	-	-	-	-	-	-	-
12.4) A483 QUALITY ASSURANCE			-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	-	-	-	-
<i>Subtotal: 12) A483 CTG CAL .45 MATCH GRADE</i>			-	-	0.000	-	-	-	-	-	0.237	-	-	-	-	-	-	-	-	-
<b>13) A552 CTG CAL .50 GRADE AC BALL</b>																				
13.1) A552 LOAD, ASSEMBLE AND PACK (LAP)	A		-	-	-	-	-	-	1.86	560,890	1.043	1.88	255,796	0.480	-	-	-	1.88	255,796	0.480
13.2) A552 BOX METAL M2A2	A		-	-	-	-	-	-	12.84	4,713	0.061	13.21	2,142	0.028	-	-	-	13.21	2,142	0.028
13.3) A552 PRODUCTION ENGINEERING			-	-	-	-	-	-	-	-	0.013	-	-	0.029	-	-	-	-	-	0.029
13.4) A552 ACCEPTANCE TESTING	A		-	-	-	-	-	-	-	-	-	-	-	0.039	-	-	-	-	-	0.039
<i>Subtotal: 13) A552 CTG CAL .50 GRADE AC BALL</i>			-	-	0.000	-	-	-	-	-	1.117	-	-	0.576	-	-	-	-	-	0.576
<b>14) A576 CTG, CAL .50 4 &amp; 1 LINKED</b>																				
14.1) A576 LOAD, ASSEMBLE, AND PACK (LAP)	A		2.53	14,609,857	37.031	1.83	11,437,536	20.933	1.98	2,676,595	5.291	2.00	3,479,442	6.951	-	-	-	2.00	3,479,442	6.951
14.2) A576 BOX METAL M2A1 (1)	A		9.34	129,772	1.212	9.54	116,669	1.113	-	-	-	-	-	-	-	-	-	-	-	-
14.3) A576 BOX METAL M2A2	A		-	-	-	-	-	-	12.84	27,301	0.351	13.21	35,490	0.469	-	-	-	13.21	35,490	0.469

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy</b>																<b>Date:</b> March 2014				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / 02 / 1								<b>P-1 Line Item Number / Title:</b> 1000 / Small Arms Ammunition								<b>Aggregated Items Title:</b> Small Arms Ammunition				
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
14.4) A576 PRODUCTION ENGINEERING			-	-	0.500	-	-	0.371	-	-	0.010	-	-	0.378	-	-	-	-	-	0.378
14.5) A576 QUALITY ASSURANCE			-	-	0.014	-	-	0.002	-	-	-	-	-	0.003	-	-	-	-	-	0.003
14.6) A576 ACCEPTANCE TESTING			-	-	1.005	-	-	0.036	-	-	0.009	-	-	0.103	-	-	-	-	-	0.103
Subtotal: 14) A576 CTG, CAL .50 4 & 1 LINKED			-	-	39.762	-	-	22.455	-	-	5.661	-	-	7.904	-	-	-	-	-	7.904
<b>15) AA16 CTG 9MM FRANGIBLE</b>																				
15.1) AA16 COMPLETE ROUND	A		-	-	-	-	-	-	0.23	917,391	0.211	-	-	-	-	-	-	-	-	-
Subtotal: 15) AA16 CTG 9MM FRANGIBLE			-	-	0.000	-	-	-	-	-	0.211	-	-	-	-	-	-	-	-	-
<b>16) AA53 CTG, 5.56MM SPECIAL BALL LR (77GR)</b>																				
16.1) AA53 COMPLETE ROUND	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 16) AA53 CTG, 5.56MM SPECIAL BALL LR (77GR)			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>17) AA54 CTG, DOOR BREACHING</b>																				
17.1) AA54 COMPLETE ROUND	A		-	-	-	2.26	175,360	0.396	-	-	-	-	-	-	-	-	-	-	-	-
17.2) AA54 PRODUCTION ENGINEERING			-	-	-	-	-	0.003	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 17) AA54 CTG, DOOR BREACHING			-	-	0.000	-	-	0.399	-	-	-	-	-	-	-	-	-	-	-	-
<b>18) AA67 CTG 5.56MM MOLY COATED (77GR)</b>																				
18.1) AA67 COMPLETE ROUND	A		-	-	-	-	-	-	0.57	1,313,596	0.749	-	-	-	-	-	-	-	-	-
Subtotal: 18) AA67 CTG 5.56MM MOLY COATED (77GR)			-	-	0.000	-	-	-	-	-	0.749	-	-	-	-	-	-	-	-	-
<b>19) AA91 CTG 5.56MM MK289-0 FX MKG BLUE</b>																				
19.1) AA91 COMPLETE ROUND	A		0.50	4,808,000	2.404	-	-	-	-	-	-	0.59	579,661	0.341	-	-	-	0.59	579,661	0.341
Subtotal: 19) AA91 CTG 5.56MM MK289-0 FX MKG BLUE			-	-	2.404	-	-	-	-	-	-	-	-	0.341	-	-	-	-	-	0.341
<b>20) AA92 CTG, 5.56MM FX RED MKG LKD</b>																				
20.1) AA92 COMPLETE ROUND	A		-	-	-	-	-	-	-	-	-	0.59	1,450,847	0.853	-	-	-	0.59	1,450,847	0.853

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy														Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1						P-1 Line Item Number / Title: 1000 / Small Arms Ammunition						Aggregated Items Title: Small Arms Ammunition								
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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: 20) AA92 CTG, 5.56MM FX RED MKG LKD			-	-	0.000	-	-	-	-	-	-	-	-	0.853	-	-	-	-	-	0.853
21) AB05 CTG, 5.56MM BLUE MKG SNGL RD																				
21.1) AB05 COMPLETE ROUND	A		-	-	-	-	-	-	-	-	-	0.59	4,700,847	2.795	-	-	-	0.59	4,700,847	2.795
Subtotal: 21) AB05 CTG, 5.56MM BLUE MKG SNGL RD			-	-	0.000	-	-	-	-	-	-	-	-	2.795	-	-	-	-	-	2.795
22) AB06 CTG, 5.56MM FX RED MKG SGL RD																				
22.1) AB06 COMPLETE ROUND	A		-	-	-	-	-	-	0.57	173,684	0.099	0.59	2,877,966	1.692	-	-	-	0.59	2,877,966	1.692
Subtotal: 22) AB06 CTG, 5.56MM FX RED MKG SGL RD			-	-	0.000	-	-	-	-	-	0.099	-	-	1.692	-	-	-	-	-	1.692
23) AXX1 CTG, CALIBER .50 REDUCED RANGE 4 BALL/1																				
23.1) AXX1 COMPLETE ROUND	A		4.75	842,105	4.000	-	-	-	4.89	3,196,933	15.633	-	-	-	-	-	-	-	-	-
Subtotal: 23) AXX1 CTG, CALIBER .50 REDUCED RANGE 4 BALL/1			-	-	4.000	-	-	-	-	-	15.633	-	-	-	-	-	-	-	-	-
24) AXX2 CTG, CALIBER .50 REDUCED RANGE BALL LINK																				
24.1) AXX2 COMPLETE ROUND	A		4.61	830,803	3.830	-	-	-	4.67	604,283	2.822	-	-	-	-	-	-	-	-	-
Subtotal: 24) AXX2 CTG, CALIBER .50 REDUCED RANGE BALL LINK			-	-	3.830	-	-	-	-	-	2.822	-	-	-	-	-	-	-	-	-
25) AXX3 CTG 9MM BLANK SINGLE ROUND																				
25.1) AXX3 COMPLETE ROUND	A		2.00	50,000	0.100	-	-	-	2.70	54,545	0.147	2.70	55,058	0.149	-	-	-	2.70	55,058	0.149
Subtotal: 25) AXX3 CTG 9MM BLANK SINGLE ROUND			-	-	0.100	-	-	-	-	-	0.147	-	-	0.149	-	-	-	-	-	0.149
26) Z203 CTG, 7.62MM X 39MM BALL, F/AK-47																				
26.1) Z203 COMPLETE ROUND	A		-	-	-	-	-	-	0.33	1,063,636	0.351	-	-	-	-	-	-	-	-	-
Subtotal: 26) Z203 CTG, 7.62MM X 39MM BALL, F/AK-47			-	-	0.000	-	-	-	-	-	0.351	-	-	-	-	-	-	-	-	-
27) FDTG FIRST DESTINATION TRANSPORTATION																				
27.1) FDTG FIRST DESTINATION TRANSPORTATION	A		-	-	2.133	-	-	1.470	-	-	-	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2015 Navy																<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / 02 / 1								<b>P-1 Line Item Number / Title:</b> 1000 / Small Arms Ammunition								<b>Aggregated Items Title:</b> Small Arms Ammunition			

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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: 27) FDTC FIRST DESTINATION TRANSPORTATION			-	-	2.133	-	-	1.470	-	-	-	-	-	-	-	-	-	-	-	-
<b>28) PRIOR YEARS CUMULATIVE FUNDING</b>																				
28.1) PRIOR YEARS CUMULATIVE FUNDING	A		-	-	14.129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 28) PRIOR YEARS CUMULATIVE FUNDING			-	-	14.129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>			-	-	<b>200.514</b>	-	-	<b>74.051</b>	-	-	<b>32.894</b>	-	-	<b>31.708</b>	-	-	<b>-</b>	-	-	<b>31.708</b>

**Footnotes:**

- (1) Increase in Unit Cost for A064 is due to the decrease in Quantities procured.
- (2) This corresponds to Army DoDIC AB47.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy	<b>Date:</b> March 2014
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition	<b>P-1 Line Item Number / Title:</b> 1030 / Linear Charges, All Types
--	--

ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO <sup>#</sup>	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i> )	82.171	25.969	9.398	0.692	-	0.692	0.350	0.009	20.020	28.621	-	167.230
Less PY Advance Procurement (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i> )	82.171	25.969	9.398	0.692	-	0.692	0.350	0.009	20.020	28.621	-	167.230
Plus CY Advance Procurement (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i> )	82.171	25.969	9.398	0.692	-	0.692	0.350	0.009	20.020	28.621	-	167.230
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ <i>in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ <i>in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-

# The FY 2015 OCO Request will be submitted at a later date.

**Description:**

The Linear Charge Family consists of demolition systems capable of defeating the enemy's counter mobility efforts. The Mine Clearing Linear Charge (MICLIC) provides a clear path, up to 15 yards wide by 109 yards long, for combat vehicles during minefield and barrier-breaching operations. They are effective against single-impulse, pressure-type, non-blast-hardened anti-tank mines and mechanically actuated anti-personnel mines. The Mk22, a 5-inch rocket motor, is used to propel the MICLIC over the minefield. The Anti-Personnel Obstacle Breaching System (APOBS) provides the Marine Corps with an improved, lightweight, man-portable capability to quickly breach anti-personnel minefields and wire obstacles. The APOBS requires less than two minutes to set up and deploy and is launched from a standoff of about 35 yards in front of the leading edge of the obstacle or minefield. The system is designed to clear a footpath through anti-personnel minefields and wire obstacles up to 45 yards long and 2 yards wide during combat operations. The APOBS is a self-contained, one-shot expendable system that is transported in two backpacks, each weighing approximately 60 pounds, and deployed by a two-man team. APOBS uses the Mk126 Mod 1 rocket motor to propel a line charge over the obstacle, after which the line charge will detonate following an eight-second delay, clearing the obstacle or anti-personnel minefield.

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - 1 / Linear Charges, All Types	P-5		-	-	82.171	-	-	25.969	-	-	9.398	-	-	0.692	-	-	-	-	-	0.692
<b>Total Gross/Weapon System Cost</b>			<b>-</b>	<b>-</b>	<b>82.171</b>	<b>-</b>	<b>-</b>	<b>25.969</b>	<b>-</b>	<b>-</b>	<b>9.398</b>	<b>-</b>	<b>-</b>	<b>0.692</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.692</b>

\*For Items, Title represents the Item Number / Title [DODIC].

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		<b>P-1 Line Item Number / Title:</b> 1030 / Linear Charges, All Types
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<p>FY 2013 Base Appropriation Request: \$18.229M. \$5.243M procured the linear demo high explosive charge and \$12.986M supported the anti-personnel obstacle breaching system (APOBS). All of these items are in the training and combat requirements that have been identified in the Total Munitions Requirement (TMR).</p> <p>FY 2014 Base Appropriation Request: \$6.088M. \$5.000M supports the linear demo high explosive charge and \$1.088M supports the anti-personnel obstacle breaching system (APOBS). All of these items are in the training and combat requirements that have been identified in the Total Munitions Requirement (TMR).</p> <p>FY 2015 Base Appropriation Request: \$0.692M will support the linear demo high explosive charge. This item is in the training and combat requirements that have been identified in the Total Munitions Requirement (TMR).</p> <p>OCO: FY 2013 Overseas Contingency Operations (OCO) Request: \$7.74M. \$4.970M procured the linear demo high explosive charge and \$2.770M supported the anti-personnel obstacle breaching system (APOBS) that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. FY13 funding supported Operation Enduring Freedom - Afghanistan (OEF-A).</p> <p>FY 2014 Overseas Contingency Operations (OCO) Request: \$3.310M. \$3.310M supports the anti-personnel obstacle breaching system (APOBS) that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. FY14 funding supports Operation Enduring Freedom - Afghanistan (OEF-A).</p>		

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Exhibit P-5, Cost Analysis: PB 2015 Navy													Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1							P-1 Line Item Number / Title: 1030 / Linear Charges, All Types						Item Number / Title [DODIC]: 1 / Linear Charges, All Types						
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO <sup>#</sup>		FY 2015 Total				
Procurement Quantity <i>(Units in Each)</i>					-		-		-		-		-		-				
Gross/Weapon System Cost <i>(\$ in Millions)</i>					82.171		25.969		9.398		0.692		-		0.692				
Less PY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Net Procurement (P1) <i>(\$ in Millions)</i>					82.171		25.969		9.398		0.692		-		0.692				
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Total Obligation Authority <i>(\$ in Millions)</i>					82.171		25.969		9.398		0.692		-		0.692				
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																			
Initial Spares <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>					-		-		-		-		-		-				
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - M913 CHG DEMO LINEAR M58 SERIES A4 Cost																			
Recurring Cost																			
1.1.1) M913 LOAD, ASSEMBLE, PACK (LAP)		20,510.02	549	11.260	22,490.12	215	4.835	26,655.45	71	1.893	-	-	-	-	-	-	-	-	-
1.1.2) M913 COMP C-4 CLASS 3		16.67	1,016,614	16.944	15.45	331,482	5.120	21.93	131,464	2.883	-	-	-	-	-	-	-	-	-
1.1.3) M913 FUZE ELECTRIC M113A4		834.95	309	0.258	2,856.00	215	0.614	2,870.47	78	0.224	-	-	-	-	-	-	-	-	-
1.1.4) M913 FUZE ELECTRIC M113A4 GFM		2,541.67	240	0.610	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.5) M913 PRODUCTION SUPPORT		-	-	0.346	-	-	0.200	-	-	-	-	-	0.692	-	-	-	-	-	0.692
1.1.6) QUALITY ASSURANCE		-	-	-	-	-	0.008	-	-	-	-	-	-	-	-	-	-	-	-
1.1.7) M913 GOVERNMENT FURNISHED MATERIAL (GFM)		-	-	-0.561	-	-	-0.565	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	28.857	-	-	10.212	-	-	5.000	-	-	0.692	-	-	-	-	-	0.692
Subtotal: Hardware - M913 CHG DEMO LINEAR M58 SERIES A4 Cost		-	-	28.857	-	-	10.212	-	-	5.000	-	-	0.692	-	-	-	-	-	0.692
Hardware - MN79 ANTI-PERS OBSTACLE BREACHING SYSTEM Cost																			
Recurring Cost																			

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<b>Exhibit P-5, Cost Analysis: PB 2015 Navy</b>																<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / 02 / 1								<b>P-1 Line Item Number / Title:</b> 1030 / Linear Charges, All Types								<b>Item Number / Title [DODIC]:</b> 1 / Linear Charges, All Types			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
2.1.1) MN79 COMPLETE ROUND		9,822.98	5,265	51.718	9,344.65	1,684	15.736	17,454.18	251	4.381	-	-	-	-	-	-	-	-	-
2.1.2) MN79 PRODUCTION SUPPORT		-	-	0.405	-	-	0.021	-	-	0.017	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	52.123	-	-	15.757	-	-	4.398	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - MN79 ANTI-PERS OBSTACLE BREACHING SYSTEM Cost</i>		-	-	52.123	-	-	15.757	-	-	4.398	-	-	-	-	-	-	-	-	-
Hardware - PRIOR YEARS CUMULATIVE FUNDING Cost																			
Non Recurring Cost																			
3.1.1) PRIOR YEARS CUMULATIVE FUNDING		-	-	1.191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>		-	-	1.191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - PRIOR YEARS CUMULATIVE FUNDING Cost</i>		-	-	1.191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Gross/Weapon System Cost</b>		-	-	<b>82.171</b>	-	-	<b>25.969</b>	-	-	<b>9.398</b>	-	-	<b>0.692</b>	-	-	-	-	-	<b>0.692</b>

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy										<b>Date:</b> March 2014		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							<b>P-1 Line Item Number / Title:</b> 1050 / 40 MM, All Types					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO<sup>#</sup></b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	311.719	22.086	13.888	13.630	-	13.630	6.650	6.174	6.201	16.232	-	396.580
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	311.719	22.086	13.888	13.630	-	13.630	6.650	6.174	6.201	16.232	-	396.580
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>311.719</b>	<b>22.086</b>	<b>13.888</b>	<b>13.630</b>	<b>-</b>	<b>13.630</b>	<b>6.650</b>	<b>6.174</b>	<b>6.201</b>	<b>16.232</b>	<b>-</b>	<b>396.580</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<sup>#</sup> The FY 2015 OCO Request will be submitted at a later date.												
<b>Description:</b> The family of 40mm cartridges consists of low velocity single cartridges designed to be fired from the M203 and M32 grenade launchers, and high velocity linked cartridges designed to be fired from the MK19, 40mm grenade machine gun. Cartridges fired from the M203 and M32 grenade launchers include signaling and marking rounds, a CS round (o-chlorobenzamalono-nitrile), training and practice rounds, and a light armor piercing and anti-personnel dual purpose round. Cartridges fired from the MK19 40mm grenade machine gun include a light armor piercing and anti-personnel dual purpose round and a day/night marker, target practice training round.												

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)
Item - 1 / 40 MM, All Types	P-5		-	-	311.719	-	-	22.086	-	-	13.888	-	-	13.630	-	-	-	-	-	13.630
<b>Total Gross/Weapon System Cost</b>			-	-	<b>311.719</b>	-	-	<b>22.086</b>	-	-	<b>13.888</b>	-	-	<b>13.630</b>	-	-	<b>-</b>	-	-	<b>13.630</b>

\*For Items, Title represents the Item Number / Title [DODIC].

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

<b>Justification:</b> FY 2013 Base Appropriation: \$16.123M \$0.105M provided for First Destination Transportation; \$16.018M procured the Cartridge, 40mm High Explosive, Dual Purpose Linked round. This item is used to support training and combat requirements that have been identified in the Total Munitions Requirement (TMR).
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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		<b>P-1 Line Item Number / Title:</b> 1050 / 40 MM, All Types
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<p>FY 2014 Base Appropriation: \$7.644M \$7.644M procures the Cartridge, 40mm Day/Night Marker, Target Practice round. This item is used to support training and combat requirements that have been identified in the Total Munitions Requirement (TMR).</p> <p>FY 2015 Base Appropriation Request: \$13.630M \$7.498M will procure the Cartridge, 40mm High Explosive, Dual Purpose Linked round. \$6.132M will procure the Cartridge, 40mm Day/Night Marker, Target Practice round. This item is used to support training and combat requirements that have been identified in the Total Munitions Requirement (TMR).</p> <p>OCO: FY 2013 Overseas Contingency Operations (OCO): \$5.963M \$5.963M procured Cartridge, 40mm High Explosive, Dual Purpose Linked round that has been expended by Marine Forces during preparation, rehearsals, and combat engagements utilizing established tactics, techniques, and procedures. FY13 funding supported Operation Enduring Freedom - Afghanistan (OEF-A).</p> <p>FY 2014 Overseas Contingency Operations (OCO): \$6.244M \$6.244M procures the Cartridge, 40mm Day/Night Marker, Target Practice round which was expended by Marine Forces during preparation, rehearsals, and combat engagements utilizing established tactics, techniques, and procedures. FY14 funding supports Operation Enduring Freedom - Afghanistan (OEF-A).</p>		

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014								
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1							P-1 Line Item Number / Title: 1050 / 40 MM, All Types							Item Number / Title [DODIC]: 1 / 40 MM, All Types								
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO <sup>#</sup>			FY 2015 Total		
Procurement Quantity <i>(Units in Each)</i>					-			-			-			-			-			-		
Gross/Weapon System Cost <i>(\$ in Millions)</i>					311.719			22.086			13.888			13.630			-			13.630		
Less PY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Net Procurement (P1) <i>(\$ in Millions)</i>					311.719			22.086			13.888			13.630			-			13.630		
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Total Obligation Authority <i>(\$ in Millions)</i>					311.719			22.086			13.888			13.630			-			13.630		
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																						
Initial Spares <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>					-			-			-			-			-			-		
# The FY 2015 OCO Request will be submitted at a later date.																						
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)		
Hardware - B542, CTG, 40MM HEDP LNKD Cost																						
Recurring Cost																						
1.1.1) B542 LOAD, ASSEMBLE, AND PACK C1 <sup>(1)</sup>			33.56	3,692,978	123.939	36.11	583,046	21.054	-	-	-	45.95	141,201	6.488	-	-	-	45.95	141,201	6.488		
1.1.2) B542 LOAD, ASSEMBLE, AND PACK C2			33.90	1,447,270	49.057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1.1.3) B542 PRODUCTION ENGINEERING			-	-	2.272	-	-	0.907	-	-	-	-	-	1.010	-	-	-	-	-	1.010		
1.1.4) B542 QUALITY ASSURANCE			-	-	0.060	-	-	0.020	-	-	-	-	-	-	-	-	-	-	-	-		
1.1.5) B542 FIRST ARTICLE TEST			-	-	0.161	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Subtotal: Recurring Cost			-	-	175.489	-	-	21.981	-	-	-	-	-	7.498	-	-	-	-	-	7.498		
Subtotal: Hardware - B542, CTG, 40MM HEDP LNKD Cost			-	-	175.489	-	-	21.981	-	-	-	-	-	7.498	-	-	-	-	-	7.498		
Hardware - BA21, CTG, 40,, PRACTICE DAY/NIGHT MK281/1 Cost																						
Recurring Cost																						
2.1.1) BA21 LOAD, ASSEMBLE, AND PACK			30.14	1,325,874	39.959	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2.1.2) BA21 PRODUCTION ENGINEERING			-	-	0.268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

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<b>Exhibit P-5, Cost Analysis: PB 2015 Navy</b>																<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / 02 / 1								<b>P-1 Line Item Number / Title:</b> 1050 / 40 MM, All Types								<b>Item Number / Title [DODIC]:</b> 1 / 40 MM, All Types			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
2.1.3) BA21 QUALITY ASSURANCE		-	-	0.129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	40.356	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - BA21, CTG, 40,, PRACTICE DAY/ NIGHT MK281/1 Cost</i>		-	-	40.356	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hardware - BA35, CTG, 40MM PRACTICE DAY/NIGHT M1110 Cost																			
Recurring Cost																			
3.1.1) BA35 LOAD, ASSEMBLE, AND PACK		10.04	2,208,167	22.170	-	-	-	10.65	1,272,206	13.549	10.97	536,463	5.885	-	-	-	10.97	536,463	5.885
3.1.2) BA35 PRODUCTION ENGINEERING		-	-	0.825	-	-	-	-	-	0.250	-	-	0.171	-	-	-	-	-	0.171
3.1.3) BA35 QUALITY ASSURANCE		-	-	0.300	-	-	-	-	-	0.089	-	-	0.076	-	-	-	-	-	0.076
<i>Subtotal: Recurring Cost</i>		-	-	23.295	-	-	-	-	-	13.888	-	-	6.132	-	-	-	-	-	6.132
<i>Subtotal: Hardware - BA35, CTG, 40MM PRACTICE DAY/NIGHT M1110 Cost</i>		-	-	23.295	-	-	-	-	-	13.888	-	-	6.132	-	-	-	-	-	6.132
Hardware - FDTTC Cost																			
Non Recurring Cost																			
4.1.1) FDTTC Baseline		-	-	0.300	-	-	0.105	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>		-	-	0.300	-	-	0.105	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - FDTTC Cost</i>		-	-	0.300	-	-	0.105	-	-	-	-	-	-	-	-	-	-	-	-
Hardware - PRIOR YEAR CUMULATIVE FUNDING Cost																			
Non Recurring Cost																			
5.1.1) PRIOR YEAR CUMULATIVE FUNDING		-	-	72.279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>		-	-	72.279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - PRIOR YEAR CUMULATIVE FUNDING Cost</i>		-	-	72.279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Gross/Weapon System Cost</b>		-	-	<b>311.719</b>	-	-	<b>22.086</b>	-	-	<b>13.888</b>	-	-	<b>13.630</b>	-	-	-	-	-	<b>13.630</b>
<b>Footnotes:</b>																			
<sup>(1)</sup> Unit cost increase from FY13 to FY15 is due to the reduced quantity procured.																			



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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy										<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							<b>P-1 Line Item Number / Title:</b> 1083 / 60 MM, All Types						
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>					
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO<sup>#</sup></b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>	
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost <i>(\$ in Millions)</i>	38.184	-	6.717	2.261	-	2.261	1.866	1.873	1.880	1.891	-	54.672	
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) <i>(\$ in Millions)</i>	38.184	-	6.717	2.261	-	2.261	1.866	1.873	1.880	1.891	-	54.672	
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total Obligation Authority</b> <i>(\$ in Millions)</i>	<b>38.184</b>	<b>-</b>	<b>6.717</b>	<b>2.261</b>	<b>-</b>	<b>2.261</b>	<b>1.866</b>	<b>1.873</b>	<b>1.880</b>	<b>1.891</b>	<b>-</b>	<b>54.672</b>	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>													
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Flyaway Unit Cost <i>(\$ in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
<sup>#</sup> The FY 2015 OCO Request will be submitted at a later date.													
<b>Description:</b> The family of 60mm mortar cartridges is designed to be fired from the M224 lightweight company mortar system. The family consists of high explosive, smoke, illumination, and training rounds. The 60mm family of cartridges is used to provide close-in indirect fire support of ground troops at ranges of approximately 70 to 3,500 meters.													

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - 1 / 60 MM, All Types	P-5		-	-	38.184	-	-	-	-	-	6.717	-	-	2.261	-	-	-	-	-	2.261
<b>Total Gross/Weapon System Cost</b>			-	-	<b>38.184</b>	-	-	-	-	-	<b>6.717</b>	-	-	<b>2.261</b>	-	-	-	-	-	<b>2.261</b>

\*For Items, Title represents the Item Number / Title [DODIC].

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**  
FY 2013 Base Appropriation Request: N/A

FY 2014 Base Appropriation Request: \$3.349M procures the Cartridge, 60mm Full Range Practice, DODIC BA15 for the training and combat requirement that has been identified in the Total Munitions Requirement (TMR).

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		<b>P-1 Line Item Number / Title:</b> 1083 / 60 MM, All Types
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<p>FY 2015 Base Appropriation Request: \$2.261M will procure 60 MM mortar cartridges, \$199K will procure B643, 60 MM HE, \$1.863 will procure the 60mm Full Range Practice, DODIC BA15 and \$199K will procure BA16, 60 MM mortar ammunition for replenishment of munitions that have been expended by Marine forces during preparation and rehearsals utilizing established tactics, techniques and procedures that have been identified in the Total Munitions Requirement (TMR).</p> <p>OCO: FY 2013 Overseas Contingency Operations (OCO) Request: N/A</p> <p>FY 2014 Overseas Contingency Operations (OCO) Request: \$3.368M procures the Cartridge, 60mm Full Range Practice for replenishment of munitions that have been expended by Marine forces during preparation and rehearsals utilizing established tactics, techniques and procedures. FY14 funding supports Operation Enduring Freedom - Afghanistan (OEF-A).</p>		

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1							P-1 Line Item Number / Title: 1083 / 60 MM, All Types							Item Number / Title [DODIC]: 1 / 60 MM, All Types						
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 Base		FY 2015 OCO <sup>#</sup>		FY 2015 Total			
Procurement Quantity <i>(Units in Each)</i>					-		-		-		-		-		-		-			
Gross/Weapon System Cost <i>(\$ in Millions)</i>					38.184		-		6.717		2.261		-		-		2.261			
Less PY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-		-			
Net Procurement (P1) <i>(\$ in Millions)</i>					38.184		-		6.717		2.261		-		-		2.261			
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-		-			
Total Obligation Authority <i>(\$ in Millions)</i>					38.184		-		6.717		2.261		-		-		2.261			
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																				
Initial Spares <i>(\$ in Millions)</i>					-		-		-		-		-		-		-			
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>					-		-		-		-		-		-		-			
# The FY 2015 OCO Request will be submitted at a later date.																				
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - BA16, CARTRIDGE, 60MM WITH MOF Cost																				
Recurring Cost																				
1.1.1) BA16 LOAD, ASSEMBLE, AND PACK (LAP)			54.63	34,358	1.877	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.2) BA16 FUZE, MULTI-OPTION M734A1			213.06	16,047	3.419	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.3) BA16 SHELL BODY (HF1) 60MM			39.88	35,735	1.425	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.4) BA16 M702 IGNITION CARTRIDGE			17.16	35,726	0.613	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.5) BA16 PROPELLANT CHARGE M235			7.64	142,977	1.093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.6) BA16 FIN ASSEMBLY M27			7.02	35,742	0.251	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.7) BA16 PRODUCTION ENGINEERING			-	-	0.937	-	-	-	-	-	-	-	0.199	-	-	-	-	-	0.199	
1.1.8) BA16 QUALITY ASSURANCE			-	-	0.006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.9) BA16 ACCEPTANCE TESTING			-	-	1.160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.10) BA16 EPA - COST OF MATERIALS			-	-	0.052	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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<b>Exhibit P-5, Cost Analysis: PB 2015 Navy</b>																<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / 02 / 1								<b>P-1 Line Item Number / Title:</b> 1083 / 60 MM, All Types								<b>Item Number / Title [DODIC]:</b> 1 / 60 MM, All Types			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1.1.11) BA16 FIRST ARTICLE TESTING		-	-	0.014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	10.847	-	-	-	-	-	-	-	-	0.199	-	-	-	-	-	0.199
<i>Subtotal: Hardware - BA16, CARTRIDGE, 60MM WITH MOF Cost</i>		-	-	10.847	-	-	-	-	-	-	-	-	0.199	-	-	-	-	-	0.199
Hardware - BA15, CARTRIDGE, 60MM FULL RANGE PRACTICE Cost																			
Recurring Cost																			
2.1.1) BA15 LOAD, ASSEMBLE AND PACK (LAP)		-	-	-	-	-	-	16.95	41,565	0.705	17.27	10,830	0.187	-	-	-	17.27	10,830	0.187
2.1.2) BA15 FUZE PRACTICE M775		-	-	-	-	-	-	23.80	42,812	1.019	18.99	11,154	0.212	-	-	-	18.99	11,154	0.212
2.1.3) BA15 SHELL BODY 60MM FRPC		-	-	-	-	-	-	37.48	42,816	1.605	38.19	11,156	0.426	-	-	-	38.19	11,156	0.426
2.1.4) BA15 M702 IGNITION CARTRIDGE		-	-	-	-	-	-	16.10	42,816	0.689	16.41	11,155	0.183	-	-	-	16.41	11,155	0.183
2.1.5) BA15 PROPELLANT CHARGE M235		-	-	-	-	-	-	9.58	172,927	1.657	10.34	45,053	0.466	-	-	-	10.34	45,053	0.466
2.1.6) BA15 FIN ASSEMBLY M27		-	-	-	-	-	-	9.61	42,816	0.411	9.80	11,155	0.109	-	-	-	9.80	11,155	0.109
2.1.7) BA15 PRODUCTION ENGINEERING		-	-	0.988	-	-	-	-	-	0.337	-	-	0.204	-	-	-	-	-	0.204
2.1.8) BA15 QUALITY ASSURANCE		-	-	0.025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.9) BA15 ACCEPTANCE TESTING		-	-	0.220	-	-	-	-	-	0.294	-	-	0.076	-	-	-	-	-	0.076
<i>Subtotal: Recurring Cost</i>		-	-	1.233	-	-	-	-	-	6.717	-	-	1.863	-	-	-	-	-	1.863
<i>Subtotal: Hardware - BA15, CARTRIDGE, 60MM FULL RANGE PRACTICE Cost</i>		-	-	1.233	-	-	-	-	-	6.717	-	-	1.863	-	-	-	-	-	1.863
Hardware - B643, CTG, 60MM HE Cost																			
Non Recurring Cost																			
3.1.1) B643 PRODUCTION ENGINEERING		-	-	3.377	-	-	-	-	-	-	-	-	0.199	-	-	-	-	-	0.199
3.1.2) B643 PRIOR YEARS CUMULATIVE FUNDING		-	-	22.727	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2015 Navy															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1							P-1 Line Item Number / Title: 1083 / 60 MM, All Types							Item Number / Title [DODIC]: 1 / 60 MM, All Types					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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: Non Recurring Cost		-	-	26.104	-	-	-	-	-	-	-	-	0.199	-	-	-	-	-	0.199
Subtotal: Hardware - B643, CTG, 60MM HE Cost		-	-	26.104	-	-	-	-	-	-	-	-	0.199	-	-	-	-	-	0.199
Gross/Weapon System Cost		-	-	38.184	-	-	-	-	-	6.717	-	-	2.261	-	-	-	-	-	2.261

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy										<b>Date:</b> March 2014										
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							<b>P-1 Line Item Number / Title:</b> 1091 / 81 MM, All Types													
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>												
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO<sup>#</sup></b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>								
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	120.481	3.763	9.162	1.496	-	1.496	1.000	-	-	-	Continuing	Continuing								
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) ( <i>\$ in Millions</i> )	120.481	3.763	9.162	1.496	-	1.496	1.000	-	-	-	Continuing	Continuing								
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>120.481</b>	<b>3.763</b>	<b>9.162</b>	<b>1.496</b>	<b>-</b>	<b>1.496</b>	<b>1.000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>Continuing</b>	<b>Continuing</b>								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
Flyaway Unit Cost ( <i>\$ in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost ( <i>\$ in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
<sup>#</sup> The FY 2015 OCO Request will be submitted at a later date.																				
<b>Description:</b> The family of 81mm mortar cartridges is designed to be fired from the M252 medium-weight mortar system. The family consists of high explosive, smoke, illumination, and training rounds. The 81mm family of mortars is used for long-range indirect fire support to light infantry, air assault, and airborne units, at ranges of approximately 100 to 6,000 meters. Beginning in FY15, funding is focused on Engineering Support for replacement of DODICs C868 and C869 to Insensitive Munition.																				
<b>Exhibits Schedule</b>			<b>Prior Years</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015 Base</b>			<b>FY 2015 OCO</b>			<b>FY 2015 Total</b>		
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
Item - 1 / 81 MM, All Types	P-5		-	-	120.481	-	-	3.763	-	-	9.162	-	-	1.496	-	-	-	-	-	1.496
<b>Total Gross/Weapon System Cost</b>			-	-	<b>120.481</b>	-	-	<b>3.763</b>	-	-	<b>9.162</b>	-	-	<b>1.496</b>	-	-	-	-	-	<b>1.496</b>
<sup>*</sup> For Items, Title represents the Item Number / Title [DODIC].																				
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
<b>Justification:</b> FY 2013 Base Appropriation Request \$3.763M. \$3.651M procured the Cartridge, 81mm HE (High Explosive) with Multi-Option Fuze; \$0.112M funded first destination transportation. All of these items are in the training and combat requirements identified in the Total Munitions Requirement (TMR).  FY 2014 Base Appropriation Request: N/A																				

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		<b>P-1 Line Item Number / Title:</b> 1091 / 81 MM, All Types
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<p>FY 2015 Base Appropriation Request \$1.496M. \$0.499M will fund Engineering Support for the IM (Insensitive Munition)replacement for C868, which is DODIC CA61. \$0.997M will fund Engineering Support for the IM (Insensitive Munition)replacement for C869, which is DODIC CA62. All of these items are in the training and combat requirements identified in the Total Munitions Requirement (TMR).</p> <p>OCO: FY 2013 Overseas Contingency Operations (OCO) Request: N/A</p> <p>FY 2014 Overseas Contingency Operations (OCO) Request: \$9.162M procures the Cartridge, 81mm HE (High Explosive) with Point Detonating (PD) Fuze that has been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. FY14 funding supports Operation Enduring Freedom - Afghanistan (OEF-A).</p>		



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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014								
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1							P-1 Line Item Number / Title: 1091 / 81 MM, All Types							Item Number / Title [DODIC]: 1 / 81 MM, All Types								
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO <sup>#</sup>			FY 2015 Total		
Procurement Quantity <i>(Units in Each)</i>					-			-			-			-			-			-		
Gross/Weapon System Cost <i>(\$ in Millions)</i>					120.481			3.763			9.162			1.496			-			1.496		
Less PY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Net Procurement (P1) <i>(\$ in Millions)</i>					120.481			3.763			9.162			1.496			-			1.496		
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Total Obligation Authority <i>(\$ in Millions)</i>					120.481			3.763			9.162			1.496			-			1.496		
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																						
Initial Spares <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>					-			-			-			-			-			-		
# The FY 2015 OCO Request will be submitted at a later date.																						
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)		
Hardware - C868, CTG, 81MM HE W/M734A1 MOF FUZE Cost																						
Recurring Cost																						
1.1.1) C868 LOAD, ASSEMBLE, AND PACK			50.00	315,350	15.768	67.12	19,920	1.337	-	-	-	-	-	-	-	-	-	-	-			
1.1.2) C868 FIN ASSEMBLY			12.18	37,043	0.451	12.71	2,518	0.032	-	-	-	-	-	-	-	-	-	-	-			
1.1.3) C868 IGNITION CARTRIDGE			17.28	36,989	0.639	20.77	2,552	0.053	-	-	-	-	-	-	-	-	-	-	-			
1.1.4) C868 PROPELLANT CHARGE			8.99	147,885	1.329	9.39	10,117	0.095	-	-	-	-	-	-	-	-	-	-	-			
1.1.5) C868 SHELL BODY, 81MM			52.38	36,982	1.937	70.99	2,521	0.179	-	-	-	-	-	-	-	-	-	-	-			
1.1.6) C868 COMP B			4.40	113,325	0.499	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1.1.7) C868 IMX-104			-	-	-	21.34	7,310	0.156	-	-	-	-	-	-	-	-	-	-	-			
1.1.8) C868 FUZE, MOF, M734A1			198.62	36,990	7.347	297.11	2,528	0.751	-	-	-	-	-	-	-	-	-	-	-			
1.1.9) C868 PRODUCTION ENGINEERING			-	-	0.676	-	-	0.763	-	-	-	-	-	0.499	-	-	-	-	0.499			
1.1.10) C868 QUALITY ASSURANCE			-	-	-	-	-	0.002	-	-	-	-	-	-	-	-	-	-	-			
1.1.11) C868 ACCEPTANCE TESTING			-	-	0.852	-	-	0.233	-	-	-	-	-	-	-	-	-	-	-			

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<b>Exhibit P-5, Cost Analysis: PB 2015 Navy</b>																<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / 02 / 1								<b>P-1 Line Item Number / Title:</b> 1091 / 81 MM, All Types								<b>Item Number / Title [DODIC]:</b> 1 / 81 MM, All Types			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1.1.12) C868 GOVERNMENT FURNISHED MATERIAL		-	-	-0.235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.13) C868 FIRST ARTICLE TEST		-	-	-	-	-	0.050	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	29.263	-	-	3.651	-	-	-	-	-	0.499	-	-	-	-	-	0.499
<i>Subtotal: Hardware - C868, CTG, 81MM HE W/M734A1 MOF FUZE Cost</i>		-	-	29.263	-	-	3.651	-	-	-	-	-	0.499	-	-	-	-	-	0.499
Hardware - C869, CTG, 81MM HE W/M935 PD FUZE Cost																			
Recurring Cost																			
2.1.1) C869 LOAD, ASSEMBLE, AND PACK		58.33	310,487	18.112	-	-	-	71.00	15,789	1.121	-	-	-	-	-	-	-	-	-
2.1.2) C869 FIN ASSEMBLY		12.22	322,959	3.945	-	-	-	13.96	65,051	0.908	-	-	-	-	-	-	-	-	-
2.1.3) C869 IGNITION CARTRIDGE		17.19	322,968	5.553	-	-	-	16.11	16,263	0.262	-	-	-	-	-	-	-	-	-
2.1.4) C869 PROP CHARGE M220		8.65	1,291,585	11.173	-	-	-	14.34	65,051	0.933	-	-	-	-	-	-	-	-	-
2.1.5) C869 SHELL BODY, 81MM		53.78	322,892	17.365	-	-	-	63.03	16,263	1.025	-	-	-	-	-	-	-	-	-
2.1.6) C869 PBXW-14 Bulk Explosive		8.48	1,008,748	8.551	-	-	-	80.24	1,832	0.147	-	-	-	-	-	-	-	-	-
2.1.7) C869 COMP A-5 CLASS 1		4.02	32,310	0.130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.8) C869 IMX-104		-	-	-	-	-	-	21.90	51,314	1.124	-	-	-	-	-	-	-	-	-
2.1.9) C869 M935 FUZE		50.86	320,582	16.306	-	-	-	156.55	16,263	2.546	-	-	-	-	-	-	-	-	-
2.1.10) C869 PRODUCTION ENGINEERING		-	-	4.355	-	-	-	-	-	0.916	-	-	0.997	-	-	-	-	-	0.997
2.1.11) C869 QUALITY ASSURANCE		-	-	0.025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.12) C869 ACCEPTANCE TESTING		-	-	2.863	-	-	-	-	-	0.180	-	-	-	-	-	-	-	-	-
2.1.13) C869 FIRST ARTICLE TEST		-	-	0.160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.14) C869 PRODUCTION VERIFICATION TESTS		-	-	2.501	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-5, Cost Analysis: PB 2015 Navy</b>																<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / 02 / 1								<b>P-1 Line Item Number / Title:</b> 1091 / 81 MM, All Types								<b>Item Number / Title [DODIC]:</b> 1 / 81 MM, All Types			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
2.1.15) C869 GOVERNMENT FURNISHED MATERIAL		-	-	-6.873	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.16) C869 PRODUCT IMPROVEMENT		-	-	0.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.17) C869 ENGINEERING CHANGE PROPOSAL		-	-	0.978	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.18) PC&H F/ LEAD AZIDE		-	-	0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.19) BOOSTER CUPS		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	85.650	-	-	-	-	-	9.162	-	-	0.997	-	-	-	-	-	0.997
<i>Subtotal: Hardware - C869, CTG, 81MM HE W/M935 PD FUZE Cost</i>		-	-	85.650	-	-	-	-	-	9.162	-	-	0.997	-	-	-	-	-	0.997
Hardware - PRIOR YEARS CUMULATIVE FUNDING Cost																			
Non Recurring Cost																			
3.1.1) PRIOR YEARS CUMULATIVE FUNDING		-	-	5.568	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>		-	-	5.568	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - PRIOR YEARS CUMULATIVE FUNDING Cost</i>		-	-	5.568	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - FIRST DESTINATION CHARGES Cost																			
4.1) FDTC		-	-	-	-	-	0.112	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - FIRST DESTINATION CHARGES Cost</i>		-	-	-	-	-	0.112	-	-	-	-	-	-	-	-	-	-	-	-
<b>Gross/Weapon System Cost</b>		-	-	120.481	-	-	3.763	-	-	9.162	-	-	1.496	-	-	-	-	-	1.496

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy	<b>Date:</b> March 2014
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition	<b>P-1 Line Item Number / Title:</b> 1121 / 120 MM, All Types
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ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	218.892	17.822	23.627	14.855	-	14.855	19.042	20.946	29.928	64.110	-	409.222
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	218.892	17.822	23.627	14.855	-	14.855	19.042	20.946	29.928	64.110	-	409.222
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>218.892</b>	<b>17.822</b>	<b>23.627</b>	<b>14.855</b>	<b>-</b>	<b>14.855</b>	<b>19.042</b>	<b>20.946</b>	<b>29.928</b>	<b>64.110</b>	<b>-</b>	<b>409.222</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-

# The FY 2015 OCO Request will be submitted at a later date.

**Description:**

The 120MM tank ammunition is fired from a M1A1 (Abrams) tank with a 120mm main armament smoothbore M256 Cannon. It consists of a family of Kinetic Energy (KE) rounds and a family of high explosive anti-tank (HEAT) rounds. Current tank gun ammunition is a single fixed round ("shell" and charge combined in a single piece) for quick loading. The propellant is in a combustible case, thus negating empty shell casings. The cartridge is functioned by receiving electronic data thru a databus from the M1A1 Tank fire control system setting the appropriate fuze mode and then fired by receiving an electrical pulse to the electric primer, igniting the propellant/combustible case and launching the projectile. 120MM ammunition also includes target practice rounds for use with the 120MM smooth bore M256 Cannon. It is designed to simulate the service round characteristics at reduced maximum ranges to allow the practice firings on short range proving grounds and training areas.

Expeditionary Fire Support System (EFSS) is a family of 120MM Rifled Mortar ammunition that includes the M1101 Cartridge, High Explosive, the M1105 Cartridge, Illumination, and the XM1103 Cartridge, White Phosphorus. The EFSS will provide all-weather, ground-based; close supporting, accurate, immediately responsive, and lethal indirect fire support for the Marine Air-Ground Task Force (MAGTF). EFSS will be the principal indirect fire support weapon for Marine Expeditionary Units and vertical assault elements of a Ship-To-Objective Maneuver (STOM) force. EFSS will be capable of successfully engaging a spectrum of potential point and area targets, including motorized, light armored, and dismounted personnel targets, command and control systems, and indirect fire systems.

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - 1 / 120 MM, All Types	P-5		-	-	218.892	-	-	17.822	-	-	23.627	-	-	14.855	-	-	-	-	-	14.855
Total Gross/Weapon System Cost			-	-	218.892	-	-	17.822	-	-	23.627	-	-	14.855	-	-	-	-	-	14.855

\*For Items, Title represents the Item Number / Title [DODIC].

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		<b>P-1 Line Item Number / Title:</b> 1121 / 120 MM, All Types
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		
<p><b>Justification:</b>  FY 2013 Base Appropriation Request: \$12.540M used to procure 120MM HE mortar ammunition (CA45) to support required training of Marines and the total munitions requirement (TMR).</p> <p>FY 2014 Base Appropriation Request: \$13.361M procures 120MM mortar and tank ammunition to support required training of Marines and the total munitions requirement (TMR). \$5.471 will procure CA45, 120 MM HE Mortar ammunition: \$3.057 to procure CA49, 120 MM WP mortar ammunition, \$1.576 to procure DWGU, 120 MM mortar tail charge assemblies and \$3.257 to procure CA57, 120 MM Tank MP-HE ammunition.</p> <p>FY 2015 Base Appropriation Request: \$14.855M will be used to procures 120MM mortar and tank ammunition to support required training of Marines and the total munitions requirement (TMR). \$3.895 to procure CA38 120 MM Tank canister round: \$7.711 to procure CA49, 120 MM WP mortar ammunition and \$ 3.249 to procure CA57, 120 MM Tank MP-HE ammunition.</p> <p>OCO:  FY 2013 Overseas Contingency Operations (OCO) Request: \$5,282M used to procure 120MM mortar ammunition for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. \$5.282 to procure CA45, 120 MM mortar ammunition.</p> <p>FY 2014 Overseas Contingency Operations (OCO) Request: \$10.266M procures 120MM tank ammunition for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures.</p>		

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Exhibit P-5, Cost Analysis: PB 2015 Navy													Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1							P-1 Line Item Number / Title: 1121 / 120 MM, All Types						Item Number / Title [DODIC]: 1 / 120 MM, All Types						
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO <sup>#</sup>		FY 2015 Total				
Procurement Quantity <i>(Units in Each)</i>					-		-		-		-		-		-				
Gross/Weapon System Cost <i>(\$ in Millions)</i>					218.892		17.822		23.627		14.855		-		14.855				
Less PY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Net Procurement (P1) <i>(\$ in Millions)</i>					218.892		17.822		23.627		14.855		-		14.855				
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Total Obligation Authority <i>(\$ in Millions)</i>					218.892		17.822		23.627		14.855		-		14.855				
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																			
Initial Spares <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>					-		-		-		-		-		-				
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - CA38, CTG, 120MM TANK CANISTER M1028 Cost																			
Recurring Cost																			
1.1.1) CA38, CTG, 120MM TANK CANISTER M1028		-	-	-	-	-	-	-	-	-	1,821.80	2,138	3.895	-	-	-	1,821.80	2,138	3.895
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	3.895	-	-	-	-	-	3.895
Subtotal: Hardware - CA38, CTG, 120MM TANK CANISTER M1028 Cost		-	-	-	-	-	-	-	-	-	-	-	3.895	-	-	-	-	-	3.895
Hardware - CA45 HIGH EXPLOSIVE CARTRIDGE M1101 Cost																			
Recurring Cost																			
2.1.1) CA45 ALL UP ROUND		-	-	2.069	2,660.40	6,699	17.822	2,789.90	1,961	5.471	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	2.069	-	-	17.822	-	-	5.471	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - CA45 HIGH EXPLOSIVE CARTRIDGE M1101 Cost		-	-	2.069	-	-	17.822	-	-	5.471	-	-	-	-	-	-	-	-	-
Hardware - CA46 120MM MORTAR ILLUM M1105 Cost																			
Recurring Cost																			
3.1.1) CA46 ALL UP ROUND		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - CA46 120MM MORTAR ILLUM M1105 Cost		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hardware - CA49 120MM MORTAR WHITE PHOSPHORUS, XM1103 Cost																			

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity:							P-1 Line Item Number / Title:							Item Number / Title [DODIC]:					
1508N / 02 / 1							1121 / 120 MM, All Types							1 / 120 MM, All Types					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Recurring Cost																			
4.1.1) CA49 ALL UP ROUND		-	-	-	-	-	-	6,683.00	1,880	12.564	6,866.43	1,123	7.711	-	-	-	6,866.43	1,123	7.711
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	12.564	-	-	7.711	-	-	-	-	-	7.711
Subtotal: Hardware - CA49 120MM MORTAR WHITE PHOSPHORUS, XM1103 Cost		-	-	-	-	-	-	-	-	12.564	-	-	7.711	-	-	-	-	-	7.711
Hardware - CA57, CTG, 120MM Multi-Purpose-High Explosive (MP-HE) Cost																			
Recurring Cost																			
5.1.1) CA57 SYSTEM BUY		-	-	-	-	-	-	9,607.67	339	3.257	9,555.88	340	3.249	-	-	-	9,555.88	340	3.249
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	3.257	-	-	3.249	-	-	-	-	-	3.249
Subtotal: Hardware - CA57, CTG, 120MM Multi-Purpose-High Explosive (MP-HE) Cost		-	-	-	-	-	-	-	-	3.257	-	-	3.249	-	-	-	-	-	3.249
Hardware - DWGU 120MM MORTAR TAIL CHARGE ASSEMBLY Cost																			
Recurring Cost																			
6.1.1) DWGU ALL UP ROUND		-	-	-	-	-	-	6,671.43	350	2.335	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	2.335	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - DWGU 120MM MORTAR TAIL CHARGE ASSEMBLY Cost		-	-	-	-	-	-	-	-	2.335	-	-	-	-	-	-	-	-	-
Hardware - CPRM Cost																			
Recurring Cost																			
7.1.1) CPRM		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - CPRM Cost		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hardware - PRIOR YEARS CUMULATIVE FUNDING Cost																			
Non Recurring Cost																			
8.1.1) PRIOR YEARS CUMULATIVE FUNDING		-	-	216.823	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost		-	-	216.823	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - PRIOR YEARS CUMULATIVE FUNDING Cost		-	-	216.823	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1							P-1 Line Item Number / Title: 1121 / 120 MM, All Types							Item Number / Title [DODIC]: 1 / 120 MM, All Types					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Gross/Weapon System Cost		-	-	218.892	-	-	17.822	-	-	23.627	-	-	14.855	-	-	-	-	-	14.855

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy										<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							<b>P-1 Line Item Number / Title:</b> 1388 / CTG 25 MM, All Types						
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>					
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO<sup>#</sup></b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>	
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost <i>(\$ in Millions)</i>	8.500	1.534	1.887	-	-	-	-	-	3.285	-	-	15.206	
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) <i>(\$ in Millions)</i>	8.500	1.534	1.887	-	-	-	-	-	3.285	-	-	15.206	
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total Obligation Authority</b> <i>(\$ in Millions)</i>	<b>8.500</b>	<b>1.534</b>	<b>1.887</b>	-	-	-	-	-	<b>3.285</b>	-	-	<b>15.206</b>	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>													
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Flyaway Unit Cost <i>(\$ in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
<sup>#</sup> The FY 2015 OCO Request will be submitted at a later date.													
<b>Description:</b> The family of 25mm cartridges is fired from the M242 Automatic Cannon and consists of Armor Piercing rounds, designed to engage lightly armored vehicles, and High-Explosive Incendiary rounds designed to engage unarmored vehicles, helicopters, and suppress anti-tank and enemy squads positions. Additionally, there is a suite of 25mm Target Practice training rounds.													

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - 1 / CTG 25 MM, All Types	P-5		-	-	8.500	-	-	1.534	-	-	1.887	-	-	-	-	-	-	-	-	-
<b>Total Gross/Weapon System Cost</b>			-	-	<b>8.500</b>	-	-	<b>1.534</b>	-	-	<b>1.887</b>	-	-	-	-	-	-	-	-	-

\*For Items, Title represents the Item Number / Title [DODIC].

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**

FY 2013 Base Appropriation Request: N/A

FY 2014 Base Appropriation Request: N/A

FY 2015 Base Appropriation Request: N/A

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		<b>P-1 Line Item Number / Title:</b> 1388 / CTG 25 MM, All Types
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<p>OCO:  FY 2013 Overseas Contingency Operations (OCO) Request: \$1.534M  \$1.534M procured Cartridge, A976, 25mm Target Practice with Tracer for replenishment of munitions that have been expended by Marine forces during preparation and rehearsals utilizing established tactics, techniques and procedures. FY13 funding supported Operation Enduring Freedom - Afghanistan (OEF-A).</p> <p>FY 2014 Overseas Contingency Operations (OCO) Request: \$1.887M  \$1.887M procures Cartridge, A940, 25mm Target Practice Discarding Sabot with Tracer for replenishment of munitions that have been expended by Marine forces during preparation and rehearsals utilizing established tactics, techniques and procedures. FY14 funding supports Operation Enduring Freedom - Afghanistan (OEF-A).</p>		

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014								
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1							P-1 Line Item Number / Title: 1388 / CTG 25 MM, All Types							Item Number / Title [DODIC]: 1 / CTG 25 MM, All Types								
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO <sup>#</sup>			FY 2015 Total		
Procurement Quantity <i>(Units in Each)</i>					-			-			-			-			-			-		
Gross/Weapon System Cost <i>(\$ in Millions)</i>					8.500			1.534			1.887			-			-			-		
Less PY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Net Procurement (P1) <i>(\$ in Millions)</i>					8.500			1.534			1.887			-			-			-		
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Total Obligation Authority <i>(\$ in Millions)</i>					8.500			1.534			1.887			-			-			-		
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																						
Initial Spares <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>					-			-			-			-			-			-		
# The FY 2015 OCO Request will be submitted at a later date.																						
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)		
Hardware - A940, CTG, 25MM TPDS-T LINKED M910 Cost																						
Recurring Cost																						
1.1.1) A940 LOAD, ASSEMBLE, AND PACK			-	-	-	-	-	-	46.62	37,816	1.763	-	-	-	-	-	-	-	-	-		
1.1.2) A940 CONTAINER PA125			50.35	2,562	0.129	-	-	-	63.27	1,296	0.082	-	-	-	-	-	-	-	-	-		
1.1.3) A940 PRODUCTION ENGINEERING			-	-	0.067	-	-	-	-	-	0.042	-	-	-	-	-	-	-	-	-		
1.1.4) A940 QUALITY ASSURANCE			-	-	0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Subtotal: Recurring Cost			-	-	0.201	-	-	-	-	-	1.887	-	-	-	-	-	-	-	-	-		
Subtotal: Hardware - A940, CTG, 25MM TPDS-T LINKED M910 Cost			-	-	0.201	-	-	-	-	-	1.887	-	-	-	-	-	-	-	-	-		
Hardware - A976, CTG, 25MM TP-T LINKED M793 Cost																						
Non Recurring Cost																						
2.1.1) A976 LOAD, ASSEMBLE, AND PACK			-	-	-	18.88	71,568	1.351	-	-	-	-	-	-	-	-	-	-	-	-		
2.1.2) A976 CONTAINER PA125			-	-	-	60.77	2,452	0.149	-	-	-	-	-	-	-	-	-	-	-	-		
2.1.3) A976 PRODUCTION ENGINEERING			-	-	-	-	-	0.033	-	-	-	-	-	-	-	-	-	-	-	-		
2.1.4) A976 QUALITY ASSURANCE			-	-	-	-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-		

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Exhibit P-5, Cost Analysis: PB 2015 Navy													Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1							P-1 Line Item Number / Title: 1388 / CTG 25 MM, All Types							Item Number / Title [DODIC]: 1 / CTG 25 MM, All Types						
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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: Non Recurring Cost		-	-	-	-	-	1.534	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Hardware - A976, CTG, 25MM TP-T LINKED M793 Cost		-	-	-	-	-	1.534	-	-	-	-	-	-	-	-	-	-	-	-	
Hardware - PRIOR YEARS CUMULATIVE FUNDING Cost																				
Non Recurring Cost																				
3.1.1) PRIOR YEARS CUMULATIVE FUNDING		-	-	8.299	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Non Recurring Cost		-	-	8.299	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Hardware - PRIOR YEARS CUMULATIVE FUNDING Cost		-	-	8.299	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost		-	-	8.500	-	-	1.534	-	-	1.887	-	-	-	-	-	-	-	-	-	

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy									<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							<b>P-1 Line Item Number / Title:</b> 1468 / Grenades, All Types					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO<sup>#</sup></b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	35.676	7.686	3.760	4.000	-	4.000	1.403	1.002	0.326	0.332	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	35.676	7.686	3.760	4.000	-	4.000	1.403	1.002	0.326	0.332	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>35.676</b>	<b>7.686</b>	<b>3.760</b>	<b>4.000</b>	<b>-</b>	<b>4.000</b>	<b>1.403</b>	<b>1.002</b>	<b>0.326</b>	<b>0.332</b>	<b>Continuing</b>	<b>Continuing</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<p><sup>#</sup> The FY 2015 OCO Request will be submitted at a later date.</p> <p><b>Description:</b>  The Grenade, All Types BLIN includes all Grenades, all Pyrotechnics, and all Land Mines. Grenade items, such as 66mm Screening Smoke Grenades, MK 1 MOD 0 provide an obscuration device for Tanks, Track vehicles, and Light Armored Vehicles. Also, Practice Fuzes for the Practice Grenade are used for general-purposes to train in the use of the live fragmentation grenades. Incendiary Grenades provide the capability to produce flame and/or burn-melt an object/equipment, and is the primary source of intense heat, if required. Hand Riot CS Grenades are bursting type that dispenses riot control agent. These grenades are also used to simulate chemical agents during training exercises and are used for training in riot control countermeasures. Colored Smoke Grenades, M18's and M83, provide smoke for ground-to-air or ground-to-ground signaling.</p> <p>Pyrotechnic items for the most part, are hand held/employed explosive devices used to simulate actual expositions on the battlefield. They are used as signaling devices dependent on actual missions or training operations. Pyrotechnic items also provide Hand Held Illumination Parachutes and Cluster devices used for signaling ground troop emplacements and are occasionally used to signal aircraft. Several other Pyrotechnic devices are also used to simulate battlefield noises and effects, Artillery shells in flight, ground burst explosions, and to simulate target impact and/or target kill on armored vehicles. The Battlefield Effects Simulator (BES) used by Marines are OMEGA 36 cartridges; LA44 - Simulator Signal &amp; Illumination White Star, LA45 - Simulator, Airburst, LA46 - Simulator, Hostile Fire, and LA47 - Simulator, AT Stinger. These types of devices also teach Marines detection and precautionary measures, effects on the battlefield using simulated booby traps, and effects of Improvised Explosive Devices (IEDs). Additionally, capsules filled with chemical agent, ortho-chlorobenzylidene malano-nitrile (CS), are used to simulate a chemical/biological attack. This irritant is used on the Marine to ensure that they can demonstrate the use of protection afforded by a properly fitted Chemical-Biological/Gas masks.</p> <p>Land Mines described are all types, to include the Inert/Practice/Trainer Land Mines for simulating use and/or employment. The M18A1 Anti-Personnel Mine (Claymore) is intended for use in a variety of ways, but for the most part, used as Anti-Personel and are hand emplaced. This is the only Land Mine currently used, but in this budget cycle, is not procured by the USMC.</p>												

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy																<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition												<b>P-1 Line Item Number / Title:</b> 1468 / Grenades, All Types									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A						<b>Program Elements for Code B Items:</b>						<b>Other Related Program Elements:</b>									
<b>Exhibits Schedule</b>			<b>Prior Years</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015 Base</b>			<b>FY 2015 OCO</b>			<b>FY 2015 Total</b>			
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	
Item - 1 / Grenades, All Types	P-5		-	-	35.676	-	-	7.686	-	-	3.760	-	-	4.000	-	-	-	-	-	4.000	
<b>Total Gross/Weapon System Cost</b>			-	-	<b>35.676</b>	-	-	<b>7.686</b>	-	-	<b>3.760</b>	-	-	<b>4.000</b>	-	-	<b>-</b>	-	-	<b>4.000</b>	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
<p><b>Justification:</b></p> <p>FY 2013 Base Appropriation Request: \$5.327M          \$.329M procured Gren, Hand Smoke M83 (White) G982; \$.998M procured 66mm Screening Smoke Grenades, MK 1 MOD 0. All of these items are in support of the training and combat requirements identified in the Total Munitions Requirement(TMR).</p> <p>FY 2014 Base Appropriation Request: \$2.149M          \$.101M funds ESIP on the Hand Grenade Practice Fuzes, M228; \$.369M procures ortho-chlorobenzylidene malano-nitrile (CS) Capsules to support Riot Control; \$1.679M procures OMEGA-36 Battlefield Effects Simulator (BES) cartridges. All of these items are used to meet training and combat requirements that have been identified in the TMR.</p> <p>FY 2015 Base Appropriation Request: \$4.000M          \$1.000M procures Gren, Hand Smoke M18 (Green) G940; \$1.000M procures Gren, Hand Smoke M18 (Yellow) G945; \$1.000M procures Gren, Hand Smoke M83 (White) G982; \$1.000M procures 66mm Screening Smoke Grenades, MK1 MOD0. Items are projected to be expended by Marine Forces during preparation, rehearsals, and combat engagements utilizing established tactics, techniques and procedures in support of the TMR.</p> <p>OCO:          FY 2013 Overseas Contingency Operations (OCO) Request: \$2.359M          \$.953M procured Gren, Hand Smoke M18 (Green) G940; \$.953M procured Gren, Hand Smoke M18 (Yellow) G945; \$.453M procured Gren, Hand Smoke M83 (White) G982. Items were expended by Marine Forces during preparation, rehearsals, and combat engagements utilizing established tactics, techniques and procedures in support of the TMR. FY13 funding supported Operation Enduring Freedom - Afghanistan (OEF-A).</p> <p>FY 2014 Overseas Contingency Operations (OCO) Request: \$1.611M          \$.616M procures Gren, Hand Smoke M18 (Yellow) G945; \$.285M procures Gren, Hand Smoke M83 (White) G982; \$.693M procures 66mm Screening Smoke Grenades, MK1 MOD0; \$.017M provides for Engineering in Support of Items in Production(ESIP) for the Simulator, Launch Anti-Tank M22. Items are projected to be expended by Marine Forces during preparation, rehearsals, and combat engagements utilizing established tactics, techniques and procedures in support of the TMR. FY14 funding supports Operation Enduring Freedom - Afghanistan (OEF-A).</p>																					



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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014								
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1							P-1 Line Item Number / Title: 1468 / Grenades, All Types							Item Number / Title [DODIC]: 1 / Grenades, All Types								
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO <sup>#</sup>			FY 2015 Total		
Procurement Quantity <i>(Units in Each)</i>					-			-			-			-			-			-		
Gross/Weapon System Cost <i>(\$ in Millions)</i>					35.676			7.686			3.760			4.000			-			4.000		
Less PY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Net Procurement (P1) <i>(\$ in Millions)</i>					35.676			7.686			3.760			4.000			-			4.000		
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Total Obligation Authority <i>(\$ in Millions)</i>					35.676			7.686			3.760			4.000			-			4.000		
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																						
Initial Spares <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>					-			-			-			-			-			-		
# The FY 2015 OCO Request will be submitted at a later date.																						
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)		
Hardware - G878 FUZE, HAND GREN PRACT W/ CONF CLIP M228 Cost																						
Recurring Cost																						
1.1.1) G878 LOAD, ASSEMBLE, PACK (LAP) C 1			10.21	230,000	2.348	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1.1.2) G878 LOAD, ASSEMBLE, PACK (LAP) C 2			12.27	236,000	2.896	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1.1.3) G878 PRODUCT ENGINEERING			-	-	0.723	-	-	-	-	-	0.096	-	-	-	-	-	-	-	-			
1.1.4) G878 QUALITY ASSURANCE			-	-	0.019	-	-	-	-	-	0.005	-	-	-	-	-	-	-	-			
Subtotal: Recurring Cost			-	-	5.986	-	-	-	-	-	0.101	-	-	-	-	-	-	-	-			
Subtotal: Hardware - G878 FUZE, HAND GREN PRACT W/ CONF CLIP M228 Cost			-	-	5.986	-	-	-	-	-	0.101	-	-	-	-	-	-	-	-			
Hardware - G940 GREN, HAND SMOKE M18, GREEN Cost																						
Recurring Cost																						
2.1.1) G940 LOAD, ASSEMBLE, AND PACK (LAP)			-	-	-	31.37	24,256	0.761	-	-	-	33.19	25,954	0.861	-	-	-	33.19	25,954			
2.1.2) G940 FUZE HAND GREN M201A1			-	-	-	4.76	25,220	0.120	-	-	-	6.74	17,804	0.120	-	-	-	6.74	17,804			
2.1.3) G940 GREN, TOPS AND BODIES			-	-	-	1.68	27,894	0.047	-	-	-	3.70	2,702	0.010	-	-	-	3.70	2,702			

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<b>Exhibit P-5, Cost Analysis: PB 2015 Navy</b>																<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / 02 / 1								<b>P-1 Line Item Number / Title:</b> 1468 / Grenades, All Types								<b>Item Number / Title [DODIC]:</b> 1 / Grenades, All Types			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
2.1.4) G940 PRODUCT ENGINEERING		-	-	-	-	-	0.025	-	-	-	-	-	0.008	-	-	-	-	-	0.008
2.1.5) G940 QUALITY ASSURANCE		-	-	-	-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	0.001
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	0.953	-	-	-	-	-	1.000	-	-	-	-	-	1.000
<i>Subtotal: Hardware - G940 GREN, HAND SMOKE M18, GREEN Cost</i>		-	-	-	-	-	0.953	-	-	-	-	-	1.000	-	-	-	-	-	1.000
Hardware - G945 GREN, HAND SMOKE M18, YELLOW Cost																			
Recurring Cost																			
3.1.1) G945 LOAD, ASSEMBLE, AND PACK (LAP)		-	-	-	33.98	22,631	0.769	41.36	10,904	0.451	41.34	20,827	0.861	-	-	-	41.34	20,827	0.861
3.1.2) G945 FUZE HAND GREN M201A1		-	-	-	4.76	23,536	0.112	4.97	20,123	0.100	4.92	20,108	0.099	-	-	-	4.92	20,108	0.099
3.1.3) G945 GREN TOPS AND BODIES		-	-	-	1.69	26,026	0.044	1.80	19,973	0.036	1.75	11,428	0.020	-	-	-	1.75	11,428	0.020
3.1.4) G945 PRODUCT ENGINEERING		-	-	-	-	-	0.027	-	-	0.024	-	-	0.018	-	-	-	-	-	0.018
3.1.5) G945 QUALITY ASSURANCE		-	-	-	-	-	0.001	-	-	0.005	-	-	0.002	-	-	-	-	-	0.002
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	0.953	-	-	0.616	-	-	1.000	-	-	-	-	-	1.000
<i>Subtotal: Hardware - G945 GREN, HAND SMOKE M18, YELLOW Cost</i>		-	-	-	-	-	0.953	-	-	0.616	-	-	1.000	-	-	-	-	-	1.000
Hardware - G982, GREN, HAND SMOKE M83, WHITE Cost																			
Recurring Cost																			
4.1.1) G982 LOAD, ASSEMBLE, AND PACK (LAP)		-	-	-	21.76	22,202	0.483	23.76	7,786	0.185	23.70	34,641	0.821	-	-	-	23.70	34,641	0.821
4.1.2) G982 GREN HAND FUZE M201A1		-	-	-	4.74	16,448	0.078	4.98	10,033	0.050	4.91	28,310	0.139	-	-	-	4.91	28,310	0.139
4.1.3) G982 GREN TOPS AND BODIES		-	-	-	1.70	18,186	0.031	2.35	12,789	0.030	2.70	5,555	0.015	-	-	-	2.70	5,555	0.015
4.1.4) G982 PRODUCT ENGINEERING		-	-	-	-	-	0.170	-	-	0.015	-	-	0.020	-	-	-	-	-	0.020
4.1.5) G982 QUALITY ASSURANCE		-	-	-	-	-	0.020	-	-	0.005	-	-	0.005	-	-	-	-	-	0.005
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	0.782	-	-	0.285	-	-	1.000	-	-	-	-	-	1.000

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1								P-1 Line Item Number / Title: 1468 / Grenades, All Types						Item Number / Title [DODIC]: 1 / Grenades, All Types					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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: Hardware - G982, GREN, HAND SMOKE M83, WHITE Cost		-	-	-	-	-	0.782	-	-	0.285	-	-	1.000	-	-	-	-	-	1.000
Hardware - GG24, GREN 66MM SSVL MK 1 MOD 0 Cost																			
Recurring Cost																			
5.1.1) GG24 LOAD, ASSEMBLE, AND PACK (LAP)		-	-	-	236.43	12,680	2.998	247.94	2,795	0.693	252.60	3,958	1.000	-	-	-	252.60	3,958	1.000
5.1.2) GG24 SPECIFICATIONS QUALIFICATION TEST		-	-	-	-	-	2.000	-	-	-	-	-	-	-	-	-	-	-	-
5.1.3) PRIOR YEARS CUMULATIVE FUNDING		-	-	0.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	0.200	-	-	4.998	-	-	0.693	-	-	1.000	-	-	-	-	-	1.000
Subtotal: Hardware - GG24, GREN 66MM SSVL MK 1 MOD 0 Cost		-	-	0.200	-	-	4.998	-	-	0.693	-	-	1.000	-	-	-	-	-	1.000
Hardware - K765 RIOT CONTROL AGENT, CS Cost																			
Recurring Cost																			
6.1.1) K765 LOAD, ASSEMBLE AND PACK (LAP)		-	-	-	-	-	-	0.43	623,256	0.268	-	-	-	-	-	-	-	-	-
6.1.2) K765 PRODUCT ENGINEERING		-	-	0.300	-	-	-	-	-	0.100	-	-	-	-	-	-	-	-	-
6.1.3) K765 QUALITY ASSURANCE		-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	0.300	-	-	-	-	-	0.369	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - K765 RIOT CONTROL AGENT, CS Cost		-	-	0.300	-	-	-	-	-	0.369	-	-	-	-	-	-	-	-	-
Hardware - L367, SIMULATOR, LAUNCH, ANTI-TANK M22 Cost																			
Non Recurring Cost																			
7.1.1) L367 PRODUCT ENGINEERING		-	-	-	-	-	-	-	-	0.017	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost		-	-	-	-	-	-	-	-	0.017	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - L367, SIMULATOR, LAUNCH, ANTI-TANK M22 Cost		-	-	-	-	-	-	-	-	0.017	-	-	-	-	-	-	-	-	-
Hardware - LA44 SIMULATOR SIGNAL & ILLUM WHITE STAR Cost																			
Recurring Cost																			

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<b>Exhibit P-5, Cost Analysis: PB 2015 Navy</b>																<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / 02 / 1								<b>P-1 Line Item Number / Title:</b> 1468 / Grenades, All Types								<b>Item Number / Title [DODIC]:</b> 1 / Grenades, All Types			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
8.1.1) LA44 SIMULATOR, SIG & ILLUM WS GF 1.5		-	-	-	-	-	-	6.89	65,893	0.454	-	-	-	-	-	-	-	-	-
8.1.2) LA44 PRODUCT ENGINEERING		-	-	0.100	-	-	-	-	-	0.040	-	-	-	-	-	-	-	-	-
8.1.3) LA44 QUALITY ASSURANCE		-	-	-	-	-	-	-	-	0.002	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	0.100	-	-	-	-	-	0.496	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - LA44 SIMULATOR SIGNAL &amp; ILLUM WHITE STAR Cost</i>		-	-	0.100	-	-	-	-	-	0.496	-	-	-	-	-	-	-	-	-
Hardware - LA45 SIMULATOR AIRBURST Cost																			
Recurring Cost																			
9.1.1) LA45 SIMULATOR, AIRBURST GF 1.5		-	-	-	-	-	-	14.30	24,825	0.355	-	-	-	-	-	-	-	-	-
9.1.2) LA45 PRODUCT ENGINEERING		-	-	0.050	-	-	-	-	-	0.041	-	-	-	-	-	-	-	-	-
9.1.3) LA45 QUALITY ASSURANCE		-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	0.050	-	-	-	-	-	0.397	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - LA45 SIMULATOR AIRBURST Cost</i>		-	-	0.050	-	-	-	-	-	0.397	-	-	-	-	-	-	-	-	-
Hardware - LA46 SIMULATOR HOSTILE FIRE Cost																			
Recurring Cost																			
10.1.1) LA46 SIMULATOR, HOSTILE FIRE GF 1.5		-	-	-	-	-	-	7.20	61,111	0.440	-	-	-	-	-	-	-	-	-
10.1.2) LA46 PRODUCT ENGINEERING		-	-	0.100	-	-	-	-	-	0.040	-	-	-	-	-	-	-	-	-
10.1.3) LA46 QUALITY ASSURANCE		-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	0.100	-	-	-	-	-	0.481	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - LA46 SIMULATOR HOSTILE FIRE Cost</i>		-	-	0.100	-	-	-	-	-	0.481	-	-	-	-	-	-	-	-	-
Hardware - LA47 SIMULATOR AT GUIDED MISSILE STINGER Cost																			
Recurring Cost																			

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<b>Exhibit P-5, Cost Analysis: PB 2015 Navy</b>																<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / 02 / 1								<b>P-1 Line Item Number / Title:</b> 1468 / Grenades, All Types								<b>Item Number / Title [DODIC]:</b> 1 / Grenades, All Types			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
11.1.1) LA47 SIMULATOR, AT GM STINGER 1.5		-	-	-	-	-	-	11.41	23,138	0.264	-	-	-	-	-	-	-	-	-
11.1.2) LA47 PRODUCT ENGINEERING		-	-	0.050	-	-	-	-	-	0.040	-	-	-	-	-	-	-	-	-
11.1.3) LA47 QUALITY ASSURANCE		-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	0.050	-	-	-	-	-	0.305	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - LA47 SIMULATOR AT GUIDED MISSILE STINGER Cost</i>		-	-	0.050	-	-	-	-	-	0.305	-	-	-	-	-	-	-	-	-
Hardware - Prior Years Cumulative Funding Cost																			
Non Recurring Cost																			
12.1.1) Prior Years Cumulative Funding		-	-	28.890	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>		-	-	28.890	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - Prior Years Cumulative Funding Cost</i>		-	-	28.890	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Gross/Weapon System Cost</b>		-	-	35.676	-	-	7.686	-	-	3.760	-	-	4.000	-	-	-	-	-	4.000

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy										<b>Date:</b> March 2014										
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							<b>P-1 Line Item Number / Title:</b> 1471 / Rockets, All Types													
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>												
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO<sup>#</sup></b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>								
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost <i>(\$ in Millions)</i>	81.634	28.878	-	16.853	-	16.853	15.106	10.049	37.129	10.425	Continuing	Continuing								
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) <i>(\$ in Millions)</i>	81.634	28.878	-	16.853	-	16.853	15.106	10.049	37.129	10.425	Continuing	Continuing								
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
<b>Total Obligation Authority</b> <i>(\$ in Millions)</i>	<b>81.634</b>	<b>28.878</b>	<b>-</b>	<b>16.853</b>	<b>-</b>	<b>16.853</b>	<b>15.106</b>	<b>10.049</b>	<b>37.129</b>	<b>10.425</b>	<b>Continuing</b>	<b>Continuing</b>								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Flyaway Unit Cost <i>(\$ in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
<sup>#</sup> The FY 2015 OCO Request will be submitted at a later date.																				
<b>Description:</b> <p>The family of shoulder fired rockets provide lightweight, single shot, disposable weapons mainly employed against and optimized to defeat light armored vehicles and other hard targets at close combat ranges. They can be employed from an enclosure or the open battle field as assault weapons against bunkers, field fortifications, structures and other hard-point positions. Each shoulder fired rocket family has a training launcher and sub-caliber practice rocket that fully simulates firing. This includes items such as:</p> <p>The Cartridge and Launcher, 84mm M136 AT (Anti-Tank)-4 is mainly employed against armored personnel carriers. However, it can be used against battle tanks when fired at the flanks or rear. It can also be employed as an assault weapon against bunkers, field fortifications, and other hard-point positions. Issued as one round of ammunition, the AT-4 tactical round is a self-contained, lightweight, disposable weapon.</p> <p>The M72A7 Tactical Rocket, High Explosive anti-armor weapon is a lightweight, single shot, disposable weapon optimized to defeat light armored vehicles and other hard targets at close combat ranges.</p> <p>The HX06 Rocket, 83mm High Explosive Anti-Armor (HEAA) Shoulder Mounted Assault Weapon (SMAW) Rocket is designed especially for use against main battle tanks and other armored vehicles. The HX06 is unguided, dual mode, high explosive rocket contained in a disposable one-shot rocket container.</p> <p>The HX07 Rocket, 83mm Common Practice (CP) Shoulder Mounted Assault Weapon (SMAW) Rocket and the Follow on to SMAW (FOTS) Practice Training round Rockets (FTPR) are designed as the practice rounds for SMAW rockets.</p>																				
<b>Exhibits Schedule</b>		<b>ID CD</b>	<b>Prior Years</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015 Base</b>			<b>FY 2015 OCO</b>			<b>FY 2015 Total</b>		
<b>Title*</b>	<b>Exhibits</b>		<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
Rockets, All Types	P-40a		-	-	81.634	-	-	28.878	-	-	-	-	-	16.853	-	-	-	-	-	16.853

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy																<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition											<b>P-1 Line Item Number / Title:</b> 1471 / Rockets, All Types										
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A						<b>Program Elements for Code B Items:</b>						<b>Other Related Program Elements:</b>									
<b>Exhibits Schedule</b>			<b>Prior Years</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015 Base</b>			<b>FY 2015 OCO</b>			<b>FY 2015 Total</b>			
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	
<b>Total Gross/Weapon System Cost</b>			-	-	81.634	-	-	28.878	-	-	-	-	-	16.853	-	-	-	-	-	16.853	
*For P-40as, Title represents the P40a Title.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
<p><b>Justification:</b>  FY 2013 Base Appropriation Request: \$25.827M: \$25.763M procures the HX07 83mm Common Practice (CP) Shoulder Mounted Assault Weapon (SMAW). These assets will replenish munitions that have been expended by Marine forces during training, preparation and rehearsals for combat engagements. \$64K provides support for the HAX1 Fire From Enclosure Light Assault Weapon (LAW).</p> <p>FY 2014 Base Appropriation Request: N/A</p> <p>FY 2015 Base Appropriation Request: \$16.853M procures the HX07 83mm Common Practice (CP) Shoulder Mounted Assault Weapon (SMAW). The increase in Unit Cost from FY14 to FY15 is due to the decrease in the quantity of HX07 procured and coresponding loss of economies of scale. These assets will replenish munitions that have been expended by Marine forces during training, preparation and rehearsals for combat engagements.</p> <p>OCO:  FY 2013 Overseas Contingency Operations (OCO) Request: \$3.051M procures the HA29 66mm shoulder fired rocket ammunition for replenishment of munitions that have been expended by Marine forces during training, preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. FY13 funding supported Operation Enduring Freedom - Afghanistan (OEF-A).</p> <p>FY 2014 Overseas Contingency Operations (OCO)Request: N/A</p>																					



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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1						P-1 Line Item Number / Title: 1471 / Rockets, All Types						Aggregated Items Title: Rockets, All Types									
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1) HA21 ROCKET, TRAINER M72AS 21MM																					
1.1) HA21 COMPLETE ROUND	A		78.04	47,451	3.703	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 1) HA21 ROCKET, TRAINER M72AS 21MM			-	-	3.703	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2) HA29 ROCKET, 66MM HE M72A7 W/ GRAZE																					
2.1) HA29 COMPLETE ROUND	A		2,530.67	26,327	66.625	2,827.62	1,079	3.051	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 2) HA29 ROCKET, 66MM HE M72A7 W/ GRAZE			-	-	66.625	-	-	3.051	-	-	-	-	-	-	-	-	-	-	-	-	
3) HAX1 FFE LAW SUPPORT																					
3.1) HAX1 FFE LAW Support	A		-	-	-	-	-	0.064	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 3) HAX1 FFE LAW SUPPORT			-	-	0.000	-	-	0.064	-	-	-	-	-	-	-	-	-	-	-	-	
4) M72AS Trainer Launcher																					
4.1) M72 AS Trainer Launcher	A		1,940.53	3,447	6.689	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 4) M72AS Trainer Launcher			-	-	6.689	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5) C995 ROCKET, 84MM HEAA (AT-4)																					
5.1) C995 COMPLETE ROUND	A		1,401.74	1,379	1.933	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 5) C995 ROCKET, 84MM HEAA (AT-4)			-	-	1.933	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6) HX06 Rocket, 83MM HEAA																					
6.1) HX06 COMPLETE ROUND	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 6) HX06 Rocket, 83MM HEAA			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7) HX07 ROCKET, 83MM HEAA PRACTICE																					
7.1) HX07 COMPLETE ROUND	A		-	-	2.684	5,021.00	5,131	25.763	-	-	-	5,409.07	3,015	16.308	-	-	-	5,409.07	3,015	16.308	
7.2) Product Support	A		-	-	-	-	-	-	-	-	-	-	-	0.545	-	-	-	-	-	0.545	
Subtotal: 7) HX07 ROCKET, 83MM HEAA PRACTICE			-	-	2.684	-	-	25.763	-	-	-	-	-	16.853	-	-	-	-	-	16.853	
8) FPTR ROCKET, 83MM, FFE PRACTICE TRAINING ROUND																					
8.1) FPTR COMPLETE ROUND	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2015 Navy																<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / 02 / 1						<b>P-1 Line Item Number / Title:</b> 1471 / Rockets, All Types										<b>Aggregated Items Title:</b> Rockets, All Types			

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
8.2) New Cost Element			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 8) FPTR ROCKET, 83MM, FFE PRACTICE TRAINING ROUND			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>			-	-	<b>81.634</b>	-	-	<b>28.878</b>	-	-	-	-	-	<b>16.853</b>	-	-	-	-	-	<b>16.853</b>

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy										<b>Date:</b> March 2014										
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							<b>P-1 Line Item Number / Title:</b> 1473 / Artillery, All Types													
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>												
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO<sup>#</sup></b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>								
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	192.487	105.939	0.970	14.772	-	14.772	39.487	49.640	55.537	88.191	-	547.023								
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) ( <i>\$ in Millions</i> )	192.487	105.939	0.970	14.772	-	14.772	39.487	49.640	55.537	88.191	-	547.023								
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>192.487</b>	<b>105.939</b>	<b>0.970</b>	<b>14.772</b>	<b>-</b>	<b>14.772</b>	<b>39.487</b>	<b>49.640</b>	<b>55.537</b>	<b>88.191</b>	<b>-</b>	<b>547.023</b>								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
Flyaway Unit Cost ( <i>\$ in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost ( <i>\$ in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
<sup>#</sup> The FY 2015 OCO Request will be submitted at a later date.																				
<b>Description:</b> The family of 155mm artillery is separate loading ammunition fired from M777 howitzers, and have four separate components: primer, propellant, projectile, and fuze. High explosive artillery ammunition is used against personnel, trucks, electronic surveillance and target acquisition devices, supply points, command and control and communications installations, and mechanized and armored forces. Precision-guided artillery provides accurate, first round fire-for-effect capability, and can achieve reduced collateral damage. Illumination cartridges are used to illuminate the battlefield with light either in visual or near Infrared Spectrum. Infrared Spectrum provides a decisive advantage while using Night Vision Devices. Smoke cartridges are used to provide obscuration on the battlefield and to mark locations. Obscuration rounds are used to build a smoke screen to provide cover for the maneuver unit from enemy observation. Spotting rounds mark locations on the battlefield. In addition to 155mm Artillery Projectiles, 75mm blank saluting rounds are used for ceremonial details for saluting distinguished and honored guests.																				
<b>Exhibits Schedule</b>			<b>Prior Years</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015 Base</b>			<b>FY 2015 OCO</b>			<b>FY 2015 Total</b>		
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
Artillery, All Types	P-40a		-	-	192.487	-	-	105.939	-	-	0.970	-	-	14.772	-	-	-	-	-	14.772
<b>Total Gross/Weapon System Cost</b>			-	-	<b>192.487</b>	-	-	<b>105.939</b>	-	-	<b>0.970</b>	-	-	<b>14.772</b>	-	-	-	-	-	<b>14.772</b>
*For P-40as, Title represents the P40a Title. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
<b>Justification:</b>																				

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		P-1 Line Item Number / Title: 1473 / Artillery, All Types
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
FY 2013 Base Appropriation Request: \$54.831M purchased 155mm artillery ammunition to support total munitions requirement as identified by Combat Development and Integration. These funds assisted in meeting the acquisition objective through FY20. \$48.38M purchased DA54 (155mm IMX-101) artillery projectile. \$.034M procured artillery saluting rounds. \$6.082M procured DA13 (MACS Propelling Charge). \$.031M procured DA23 (M231 MACS Dummy Propelling Charge). \$.038M procured (M232 MACS Dummy Propelling Charge). \$.266M was used for First Destination Charges.		
FY 2014 Base Appropriation Request: N/A		
FY 2015 Base Appropriation Request: \$14.772M will procure 155mm artillery ammunition to support total munitions requirement as identified by Combat Development and Integration. \$11.572M will procure DA54 (155mm IMX-101) artillery projectile. \$3.0M will procure DA49 (155MM Infrared Illumination) artillery projectile. \$.2M will provide Engineering Support for DA13 (MACS Propelling Charge). The Unit Cost increase in FY15 for DA54 is due to the reduction in Quantities procured in FY13.		
OCO: FY 2013 Overseas Contingency Operations (OCO) Request: \$51.108M procured 155mm artillery ammunition for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. FY13 funding supported Operation Enduring Freedom -Afghanistan (OEF-A). \$.890M procured D529 (155MM HE) projectile and \$50.218M procured DA54 (155mm IMX-101) artillery projectile.		
FY 2014 Overseas Contingency Operations (OCO) Request: \$.970M will procure 155mm artillery ammunition for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. FY14 funding supports Operation Enduring Freedom -Afghanistan (OEF-A). \$.142M will procure DA24 (M232 MACS Dummy Propelling Charge), \$.115 will procure DA23 (M231 MACS Dummy Propelling Charge), \$.316M will procure C025 (Saluting Charge) and \$.397M will procure B550 (40MM Saluting Charge).		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1									P-1 Line Item Number / Title: 1473 / Artillery, All Types							Aggregated Items Title: Artillery, All Types					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1) B550, CTG, 40MM BLANK SALUTING SNGL RD																					
1.1) B550 LOAD, ASSEMBLY, PACK (LAP)	A		-	-	-	-	-	-	51.88	5,937	0.308	-	-	-	-	-	-	-	-	-	
1.2) CTG CASE MK3	A		-	-	-	-	-	-	44.17	6,520	0.288	-	-	-	-	-	-	-	-	-	
1.3) PRIMER PERCUSSION MK22-2	A		-	-	-	-	-	-	1.93	6,218	0.012	-	-	-	-	-	-	-	-	-	
1.4) QUALITY ASSURANCE			-	-	-	-	-	-	-	-	0.002	-	-	-	-	-	-	-	-	-	
1.5) B550 ACCEPTANCE TESTING			-	-	-	-	-	-	-	-	0.040	-	-	-	-	-	-	-	-	-	
1.6) DETERIORATION TEST			-	-	-	-	-	-	-	-	0.025	-	-	-	-	-	-	-	-	-	
1.7) CARTRIDGE CASE SCREENING			-	-	-	-	-	-	-	-	0.022	-	-	-	-	-	-	-	-	-	
1.8) GOVERNMENT FURNISHED MATERIAL	A		-	-	-	-	-	-	-	-	-0.300	-	-	-	-	-	-	-	-	-	
Subtotal: 1) B550, CTG, 40MM BLANK SALUTING SNGL RD			-	-	0.000	-	-	-	-	-	0.397	-	-	-	-	-	-	-	-	-	
2) C025, CTG, 75MM BLANK M337A2																					
2.1) C025 LOAD, ASSEMBLE, PACK (LAP)	A		-	-	-	-	-	-	81.63	2,989	0.244	-	-	-	-	-	-	-	-	-	
2.2) C025 PRODUCTION ENGINEERING			-	-	-	-	-	0.034	-	-	-	-	-	-	-	-	-	-	-	-	
2.3) BLACK POWDER CLASS 1	A		-	-	-	-	-	-	15.61	4,612	0.072	-	-	-	-	-	-	-	-	-	
Subtotal: 2) C025, CTG, 75MM BLANK M337A2			-	-	0.000	-	-	0.034	-	-	0.316	-	-	-	-	-	-	-	-	-	
3) D529, PROJ, 155MM, M795 HE (DA54)																					
3.1) D529 LOAD, ASSEMBLE & PACK (LAP)	A		104.34	185,670	19.372	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.2) D529 METAL PARTS M795	A		372.90	99,611	37.145	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.3) D529 PLUG, SHOCK ATTENUATING M795	A		12.62	99,559	1.256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy</b>																<b>Date:</b> March 2014				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / 02 / 1						<b>P-1 Line Item Number / Title:</b> 1473 / Artillery, All Types										<b>Aggregated Items Title:</b> Artillery, All Types				
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
3.4) D529 SUPPLEMENTAL CHARGES	A		15.72	99,584	1.565	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.5) D529 EXPLOSIVE FILL IMX-101	A		10.14	2,961,902	30.019	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.6) D529 WOODEN PALLETS	A		77.16	7,245	0.559	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.7) D529 PRODUCTION ENGINEERING			-	-	1.988	-	-	0.890	-	-	-	-	-	-	-	-	-	-	-	-
3.8) D529 ACCEPTANCE TESTING	A		-	-	0.406	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.9) NONRECURRING (INSENSITIVE MUNITIONS)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.10) METAL PARTS, M110	A		268.63	2,643	0.710	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.11) CASE PROJ BURSTER M1E1	A		62.81	2,643	0.166	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.12) CASE PROJ BURSTER M54A1 ASSY	A		63.94	2,643	0.169	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: 3) D529, PROJ, 155MM, M795 HE (DA54)</i>			-	-	93.355	-	-	0.890	-	-	-	-	-	-	-	-	-	-	-	-
<b>4) DA13, CHG, 155MM, M232A1, MOD ARTY CHG SYS</b>																				
4.1) DA13 LOAD, ASSEMBLE & PACK (LAP)	A		19.10	278,590	5.320	17.68	34,800	0.615	-	-	-	-	-	-	-	-	-	-	-	-
4.2) DA13 IGNITION PROPELLANT	A		8.91	19,873	0.177	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.3) DA13 COMBUSTIBLE CASES	A		33.96	290,369	9.861	40.00	35,856	1.434	-	-	-	-	-	-	-	-	-	-	-	-
4.4) DA13 BLACK POWDER CLASS 1 (LB)	A		13.65	17,289	0.236	14.08	2,100	0.030	-	-	-	-	-	-	-	-	-	-	-	-
4.5) DA13 PROPELLANT M31A2	A		14.23	1,349,825	19.211	16.26	168,000	2.732	-	-	-	-	-	-	-	-	-	-	-	-
4.6) DA13 CONTAINER M232A1	A		41.71	58,134	2.425	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.7) DA13 PRODUCTION ENGINEERING			-	-	0.910	-	-	1.161	-	-	-	-	-	0.200	-	-	-	-	-	0.200

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy</b>																<b>Date:</b> March 2014				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / 02 / 1						<b>P-1 Line Item Number / Title:</b> 1473 / Artillery, All Types										<b>Aggregated Items Title:</b> Artillery, All Types				
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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) DA13 ACCEPTANCE TESTING			-	-	0.463	-	-	0.110	-	-	-	-	-	-	-	-	-	-	-	-
4.9) DA13 QUALITY ASSURANCE			-	-	0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 4) DA13, CHG, 155MM, M232A1, MOD ARTY CHG SYS			-	-	38.608	-	-	6.082	-	-	-	-	-	0.200	-	-	-	-	-	0.200
<b>5) DA23, CHG, 155MM, M231 MOD ARTY CHG SYS DUMMY</b>																				
5.1) DA23 COMPLETE ROUND	A		-	-	-	200.00	155	0.031	200.00	575	0.115	-	-	-	-	-	-	-	-	-
Subtotal: 5) DA23, CHG, 155MM, M231 MOD ARTY CHG SYS DUMMY			-	-	0.000	-	-	0.031	-	-	0.115	-	-	-	-	-	-	-	-	-
<b>6) DA24, CHG, 155MM, M232A1 MOD ARTY CHG SYS DUMMY</b>																				
6.1) DA24 COMPLETE ROUND	A		-	-	-	200.00	190	0.038	200.00	710	0.142	-	-	-	-	-	-	-	-	-
Subtotal: 6) DA24, CHG, 155MM, M232A1 MOD ARTY CHG SYS DUMMY			-	-	0.000	-	-	0.038	-	-	0.142	-	-	-	-	-	-	-	-	-
<b>7) DA49, 155MM, IR ILLUM</b>																				
7.1) DA49 LOAD, ASSEMBLE & PACK (LAP)	A		263.43	2,661	0.701	-	-	-	-	-	-	259.04	2,261	0.586	-	-	-	259.04	2,261	0.586
7.2) DOWNLOAD, CLEAN AND INSPECT, M483 PROJECTILE	A		-	-	-	-	-	-	-	-	-	84.47	2,374	0.201	-	-	-	84.47	2,374	0.201
7.3) M10 EXPULSION CHARGE ASSY	A		-	-	-	-	-	-	-	-	-	15.79	2,306	0.036	-	-	-	15.79	2,306	0.036
7.4) DA49 METAL PARTS SET	A		-	-	-	-	-	-	-	-	-	254.80	2,261	0.576	-	-	-	254.80	2,261	0.576
7.5) DA49 IR ILLUM CANISTER, 155MM	A		326.23	2,768	0.903	-	-	-	-	-	-	379.76	2,306	0.876	-	-	-	379.76	2,306	0.876
7.6) DA49 PARACHUTE, MAIN	A		34.41	2,703	0.093	-	-	-	-	-	-	46.38	2,306	0.107	-	-	-	46.38	2,306	0.107
7.7) DA49 DELAY ELEMENT	A		30.00	2,733	0.082	-	-	-	-	-	-	32.42	2,306	0.075	-	-	-	32.42	2,306	0.075
7.8) DA49 CANISTER, MPTS ASSY	A		53.99	2,741	0.148	-	-	-	-	-	-	58.49	2,306	0.135	-	-	-	58.49	2,306	0.135
7.9) DA49 PARACHUTE, MAIN SUPPORTS	A		2.96	10,811	0.032	-	-	-	-	-	-	3.12	9,225	0.029	-	-	-	3.12	9,225	0.029

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1						P-1 Line Item Number / Title: 1473 / Artillery, All Types									Aggregated Items Title: Artillery, All Types					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
7.10) DA49 PARACHUTE, DROGUE ASSY	A		16.70	2,754	0.046	-	-	-	-	-	-	20.29	2,306	0.047	-	-	-	20.29	2,306	0.047
7.11) DA49 CANISTER, BASE ASSY	A		17.15	2,741	0.047	-	-	-	-	-	-	18.30	2,306	0.042	-	-	-	18.30	2,306	0.042
7.12) DA49 WOOD PALLET (HEAT TREATED)	A		-	-	-	-	-	-	-	-	-	86.63	294	0.025	-	-	-	86.63	294	0.025
7.13) DA49 PRODUCTION ENGINEERING			-	-	0.010	-	-	-	-	-	-	-	-	0.250	-	-	-	-	-	0.250
7.14) DA49 ACCEPTANCE TESTING			-	-	0.110	-	-	-	-	-	-	-	-	0.015	-	-	-	-	-	0.015
Subtotal: 7) DA49, 155MM, IR ILLUM			-	-	2.172	-	-	-	-	-	-	-	-	3.000	-	-	-	-	-	3.000
8) FIRST DESTINATION TRANSPORTATION																				
8.1) First Destination Transportation			-	-	0.814	-	-	0.266	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 8) FIRST DESTINATION TRANSPORTATION			-	-	0.814	-	-	0.266	-	-	-	-	-	-	-	-	-	-	-	-
9) DA54 155MM HE M795 W/IMX																				
9.1) DA54 LOAD, ASSEMBLE, PACK (LAP)	A		-	-	-	325.00	77,313	25.127	-	-	-	308.82	10,309	3.184	-	-	-	308.82	10,309	3.184
9.2) DA54 METAL PARTS-M795	A		-	-	-	368.40	78,859	29.052	-	-	-	-	-	-	-	-	-	-	-	-
9.3) DA54 PLUG, LIFTING, MELTABLE FOR IM	A		-	-	-	16.99	78,859	1.339	-	-	-	19.82	10,515	0.208	-	-	-	19.82	10,515	0.208
9.4) DA54 SUPPLEMENTAL CHARGE, PBXN-9	A		-	-	-	23.08	78,859	1.820	-	-	-	25.16	10,515	0.265	-	-	-	25.16	10,515	0.265
9.5) DA54 WOODEN PALLETS, IMX-101	A		-	-	-	96.08	10,050	0.965	-	-	-	89.67	1,340	0.120	-	-	-	89.67	1,340	0.120
9.6) DA54 EXPLOSIVE FILL IMX-101	A		-	-	-	12.65	2,551,329	32.274	-	-	-	21.05	340,197	7.161	-	-	-	21.05	340,197	7.161
9.7) DA54 EXPLOSIVE FILL IMX-104	A		-	-	-	20.67	278,327	5.753	-	-	-	-	-	-	-	-	-	-	-	-
9.8) DA54 PRODUCTION ENGINEERING			-	-	-	-	-	0.883	-	-	-	-	-	0.599	-	-	-	-	-	0.599



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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2015 Navy	<b>Date:</b> March 2014
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / 02 / 1	<b>P-1 Line Item Number / Title:</b> 1473 / Artillery, All Types	<b>Aggregated Items Title:</b> Artillery, All Types
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
9.9) DA54 ACCEPTANCE TESTING			-	-	-	-	-	1.235	-	-	-	-	-	0.035	-	-	-	-	-	0.035
9.10) FIRST ARTICLE TEST	A		-	-	-	-	-	0.150	-	-	-	-	-	-	-	-	-	-	-	-
9.11) INSENSITIVE MUNITIONS	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: 9) DA54 155MM HE M795 W/IMX</i>			-	-	0.000	-	-	98.598	-	-	-	-	-	11.572	-	-	-	-	-	11.572
<b>10) DD01 Projectile 155mm, Alternate Warhead Cluster Munition</b>																				
10.1) DD01 COMPLETE COST <sup>(1)</sup>	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: 10) DD01 Projectile 155mm, Alternate Warhead Cluster Munition</i>			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>11) PRIOR YEARS CUMULATIVE FUNDING</b>																				
11.1) PRIOR YEARS CUMULATIVE FUNDING	A		-	-	57.538	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: 11) PRIOR YEARS CUMULATIVE FUNDING</i>			-	-	57.538	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>			-	-	<b>192.487</b>	-	-	<b>105.939</b>	-	-	<b>0.970</b>	-	-	<b>14.772</b>	-	-	-	-	-	<b>14.772</b>

**Footnotes:**

<sup>(1)</sup> DD01 is still in the development stages and has not been priced by the Army.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy										<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							<b>P-1 Line Item Number / Title:</b> 1500 / Demolition Munitions, All Types						
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>					
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO<sup>#</sup></b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>	
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	67.082	-	0.418	-	-	-	-	1.716	-	0.500	Continuing	Continuing	
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) ( <i>\$ in Millions</i> )	67.082	-	0.418	-	-	-	-	1.716	-	0.500	Continuing	Continuing	
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>67.082</b>	-	<b>0.418</b>	-	-	-	-	<b>1.716</b>	-	<b>0.500</b>	<b>Continuing</b>	<b>Continuing</b>	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>													
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-	
Flyaway Unit Cost ( <i>\$ in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost ( <i>\$ in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-	
<sup>#</sup> The FY 2015 OCO Request will be submitted at a later date.													
<b>Description:</b> Demolition munitions charges provide high explosives for the purpose of destroying or altering man-made or natural objects or obstacles. Demolition munitions charges include block charges, shaped charges, flexible-linear charges, explosive sheet, cable, canine explosive scent items, chain cutters and military dynamite. They are used for general demolition, cutting, breaching, cratering, and destruction of abandoned equipment and ammunition.													

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Demolition Munitions, All Types	P-40a		-	-	67.082	-	-	-	-	-	0.418	-	-	-	-	-	-	-	-	-
<b>Total Gross/Weapon System Cost</b>			-	-	<b>67.082</b>	-	-	-	-	-	<b>0.418</b>	-	-	-	-	-	-	-	-	-

\*For P-40as, Title represents the P40a Title.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

<b>Justification:</b> FY 2013 Base Appropriation Request: N/A  FY 2014 Base Appropriation Request: N/A	
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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		<b>P-1 Line Item Number / Title:</b> 1500 / Demolition Munitions, All Types
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<p>FY 2015 Base Appropriation Request: N/A</p> <p>OCO: FY 2013 Overseas Contingency Operations (OCO) Request: N/A</p> <p>FY 2014 Overseas Contingency Operations (OCO) Request:\$ .418M. \$.407M (DWDN) procures and supports the light weight disrupter and \$.011M (MM24) procures the 300 grain flex linear charge that has been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. FY14 funding supports Operation Enduring Freedom - Afghanistan (OEF-A).</p>		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy														Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1						P-1 Line Item Number / Title: 1500 / Demolition Munitions, All Types								Aggregated Items Title: Demolition Munitions, All Types						
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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) PRIOR YEAR CUMULATIVE FUNDING																				
1.1) PRIOR YEAR CUMULATIVE FUNDING	A		-	-	66.282	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) PRIOR YEAR CUMULATIVE FUNDING			-	-	66.282	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2) DWDN Light Weight Disposable Disrupter																				
2.1) DWDN HARDWARE COST	A		-	-	-	-	-	-	153.82	2,633	0.405	-	-	-	-	-	-	-	-	-
2.2) DWDN ACQUISITION/ PRODUCTION ENGINEERING			-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	-	-	-	-
2.3) DWDN LOT ACCEPTANCE TESTING			-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	-	-	-	-
Subtotal: 2) DWDN Light Weight Disposable Disrupter			-	-	0.000	-	-	-	-	-	0.407	-	-	-	-	-	-	-	-	-
3) M986 CHG, DEMO SHEET, 9FT PETN																				
3.1) M986 COMPLETE ROUND	A		117.37	6,245	0.733	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) M986 PRODUCTION ENGINEERING			-	-	0.022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.3) M986 QUALITY ASSURANCE			-	-	0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.4) M986 FIRST ARTICLE TEST			-	-	0.043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 3) M986 CHG, DEMO SHEET, 9FT PETN			-	-	0.800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4) MM24 CHARGE, SHAPED LINEAR																				
4.1) MM24 PRODUCTION ENGINEERING			-	-	-	-	-	-	-	-	0.011	-	-	-	-	-	-	-	-	-
Subtotal: 4) MM24 CHARGE, SHAPED LINEAR			-	-	0.000	-	-	-	-	-	0.011	-	-	-	-	-	-	-	-	-
Total			-	-	67.082	-	-	-	-	-	0.418	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy										<b>Date:</b> March 2014										
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							<b>P-1 Line Item Number / Title:</b> 1625 / Fuze, All Types													
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>												
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO<sup>#</sup></b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>								
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	48.400	32.174	39.585	9.972	-	9.972	29.606	26.639	20.176	19.712	Continuing	Continuing								
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) ( <i>\$ in Millions</i> )	48.400	32.174	39.585	9.972	-	9.972	29.606	26.639	20.176	19.712	Continuing	Continuing								
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>48.400</b>	<b>32.174</b>	<b>39.585</b>	<b>9.972</b>	<b>-</b>	<b>9.972</b>	<b>29.606</b>	<b>26.639</b>	<b>20.176</b>	<b>19.712</b>	<b>Continuing</b>	<b>Continuing</b>								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
Flyaway Unit Cost ( <i>\$ in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost ( <i>\$ in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
<sup>#</sup> The FY 2015 OCO Request will be submitted at a later date.																				
<b>Description:</b> The Fuze, Point Detonating (PD) M739/M739A1 N340 is the latest improved version of the selective impact fuzes for use with bulk loaded high explosive or burster type projectiles. This fuze is fired from the M198 155mm Medium Towed Howitzer and the M777 Lightweight Towed Howitzer Weapon System. The fuze body is a one-piece design of solid aluminum and has a standard 2-inch threaded base to match the nose and fuze cavity of standard artillery projectiles.  Fuze, Precision Guidance Kit (PGK) NA28/NA29 is used with 155mm projectiles carrying HE (High Explosive) payloads. This fuze is fired from the M198 155mm Medium Towed Howitzer and the M777 Lightweight Towed Howitzer Weapon System.																				
<b>Exhibits Schedule</b>			<b>Prior Years</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015 Base</b>			<b>FY 2015 OCO</b>			<b>FY 2015 Total</b>		
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
Item - 1 / Fuze, All Types	P-5		-	-	48.400	-	-	32.174	-	-	39.585	-	-	9.972	-	-	-	-	-	9.972
<b>Total Gross/Weapon System Cost</b>			-	-	<b>48.400</b>	-	-	<b>32.174</b>	-	-	<b>39.585</b>	-	-	<b>9.972</b>	-	-	-	-	-	<b>9.972</b>
*For Items, Title represents the Item Number / Title [DODIC]. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
<b>Justification:</b> FY13 Base Appropriation Request: \$1.229M procured the Point Detonating (PD) fuze.																				

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		<b>P-1 Line Item Number / Title:</b> 1625 / Fuze, All Types
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<p>FY14 Base Appropriation Request: \$25.366M. \$3.350M procures the PD fuze. \$22.016M procures the Precision Guidance Kit. The unit cost decrease from FY13 to FY14 is the result of economic order pricing on Army contract to procure the fuze.</p> <p>FY15 Base Appropriation Request: \$9.972M. \$9.972M will procure the NA28 Precision Guidance Kit. The unit cost decrease from FY14 to FY15 is due to a price decrease for the GPS receiver component of NA28.</p> <p>OCO: FY13 Overseas Contingency Operations Request (OCO): \$30.945M. \$25.888M procured the Precision Guidance Kit and \$5.057M procured the PD fuze for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. FY13 funding supported Operation Enduring Freedom - Afghanistan (OEF-A).</p> <p>FY14 Overseas Contingency Operations Request (OCO): \$14.219M procures the PD fuze for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures. FY14 funding supports Operation Enduring Freedom - Afghanistan (OEF-A).</p>		



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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1							P-1 Line Item Number / Title: 1625 / Fuze, All Types							Item Number / Title [DODIC]: 1 / Fuze, All Types					
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO <sup>#</sup>		FY 2015 Total				
Procurement Quantity <i>(Units in Each)</i>					-		-		-		-		-		-				
Gross/Weapon System Cost <i>(\$ in Millions)</i>					48.400		32.174		39.585		9.972		-		9.972				
Less PY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Net Procurement (P1) <i>(\$ in Millions)</i>					48.400		32.174		39.585		9.972		-		9.972				
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Total Obligation Authority <i>(\$ in Millions)</i>					48.400		32.174		39.585		9.972		-		9.972				
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																			
Initial Spares <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>					-		-		-		-		-		-				
<sup>#</sup> The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - N340 FUZE PD M739A1 Cost																			
Recurring Cost																			
1.1.1) N340 COMPLETE ROUND		32.74	369,398	12.094	80.04	63,947	5.118	81.40	202,382	16.474	-	-	-	-	-	-	-	-	-
1.1.2) N340 PRODUCTION ENGINEERING		-	-	1.143	-	-	0.700	-	-	0.335	-	-	-	-	-	-	-	-	-
1.1.3) N340 ACCEPTANCE TESTING		-	-	1.176	-	-	0.466	-	-	0.760	-	-	-	-	-	-	-	-	-
1.1.4) N340 QUALITY ASSURANCE		-	-	0.099	-	-	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	14.512	-	-	6.286	-	-	17.569	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - N340 FUZE PD M739A1 Cost		-	-	14.512	-	-	6.286	-	-	17.569	-	-	-	-	-	-	-	-	-
Hardware - NA28 PRECISION GUIDED KIT (NPGK) Cost																			
Recurring Cost																			
2.1.1) NA28 COMPLETE FUZE <sup>(1)</sup>		13,541.01	2,292	31.036	10,651.02	2,109	22.463	8,938.00	2,008	17.948	8,617.00	1,064	9.168	-	-	-	8,617.00	1,064	9.168
2.1.2) NA28 PRODUCTION ENGINEERING		-	-	1.822	-	-	1.651	-	-	1.571	-	-	0.484	-	-	-	-	-	0.484
2.1.3) NA28 ACCEPTANCE TESTING		-	-	1.030	-	-	1.000	-	-	1.164	-	-	0.320	-	-	-	-	-	0.320
2.1.4) NA28 NEW EQUIPMENT TRAINING		-	-	-	-	-	-	-	-	1.333	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2015 Navy															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1							P-1 Line Item Number / Title: 1625 / Fuze, All Types							Item Number / Title [DODIC]: 1 / Fuze, All Types					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
2.1.5) NA28 FIRST ARTICLE TEST		-	-	-	-	-	0.500	-	-	-	-	-	-	-	-	-	-	-	-
2.1.6) NA28 ENGINEERING CHANGE PROPOSAL		-	-	-	-	-	0.274	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	33.888	-	-	25.888	-	-	22.016	-	-	9.972	-	-	-	-	-	9.972
Subtotal: Hardware - NA28 PRECISION GUIDED KIT (NPGK) Cost		-	-	33.888	-	-	25.888	-	-	22.016	-	-	9.972	-	-	-	-	-	9.972
Gross/Weapon System Cost		-	-	48.400	-	-	32.174	-	-	39.585	-	-	9.972	-	-	-	-	-	9.972

**Footnotes:**

<sup>(1)</sup> The unit cost decrease from FY13 to FY14 is the result of economic order pricing on Army contract to procure the NA28 fuze.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy									<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							<b>P-1 Line Item Number / Title:</b> 1628 / Non Lethals					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	9.530	1.360	-	0.998	-	0.998	3.904	3.907	3.910	11.425	-	35.034
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	9.530	1.360	-	0.998	-	0.998	3.904	3.907	3.910	11.425	-	35.034
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> <i>(\$ in Millions)</i>	<b>9.530</b>	<b>1.360</b>	<b>-</b>	<b>0.998</b>	<b>-</b>	<b>0.998</b>	<b>3.904</b>	<b>3.907</b>	<b>3.910</b>	<b>11.425</b>	<b>-</b>	<b>35.034</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(\$ in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
<b>Description:</b> The Non-Lethal Munition All Types BLIN consists of a family of 12 Gauge, 40mm Grenades, 40mm and 66mm Tubular Launcher Grenades, Diversionary Devices and Grenades. These munitions are explicitly designed and primarily employed to immediately incapacitate targeted personnel or materiel, while minimizing fatalities, permanent injury to personnel, and undesired damage to property in the target area or environment. Non-lethal weapons are intended to have reversible effects on personnel and materiel. These cartridges are fired from Marine Corps (MC) organic weapons with attachments, such as the M16A4 Service Weapons and M4 Carbines with the M203, 40mm Grenade Launcher or the Grenade Launcher Cup.												

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)
Item - 1 / Non Lethals	P-5		-	-	9.530	-	-	1.360	-	-	-	-	-	0.998	-	-	-	-	-	0.998
<b>Total Gross/Weapon System Cost</b>			<b>-</b>	<b>-</b>	<b>9.530</b>	<b>-</b>	<b>-</b>	<b>1.360</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.998</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.998</b>

\*For Items, Title represents the Item Number / Title [DODIC].

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

<b>Justification:</b> FY 2013 Base Appropriation Request \$1.352M: \$0.741M procured the 40mm XM/M1006, Non-Lethal (Sponge Grenade); this procurement satisfied current year inventory shortfalls within Total Munitions Requirement (TMR) objectives. \$0.611M procured the Grenade, Rubber Ball Non-Lethal M1014; this procurement satisfied current year inventory shortfalls within TMR objectives.
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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		<b>P-1 Line Item Number / Title:</b> 1628 / Non Lethals
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<p>FY 2014 Base Appropriation Request \$0.000M: N/A</p> <p>FY 2015 Base Appropriation Request \$0.998M: \$0.498M will procure the CTG, 12 Gauge Non-Lethal Point Control M1012; \$0.5M will procure the Grenade, Rubber Ball Non-Lethal M1014. These procurements are required to address inventory shortfalls within Total Munitions Requirement (TMR) objectives.</p> <p>OCO:</p> <p>FY 2013 Overseas Contingency Operations (OCO) Request \$0.008M: \$0.008M procured the 40mm XM/M1006, Non-Lethal (Sponge Grenade) for replenishment of munitions that have been expended by Marine forces during preparation, rehearsals and combat engagements utilizing established tactics, techniques and procedures.</p> <p>FY 2014 Overseas Contingency Operations (OCO) Request \$0.000M: N/A</p> <p>FY 2015 Overseas Contingency Operations (OCO) Request \$0.000M: N/A</p>		

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Exhibit P-5, Cost Analysis: PB 2015 Navy													Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1							P-1 Line Item Number / Title: 1628 / Non Lethals						Item Number / Title [DODIC]: 1 / Non Lethals						
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO <sup>#</sup>		FY 2015 Total				
Procurement Quantity <i>(Units in Each)</i>					-		-		-		-		-		-				
Gross/Weapon System Cost <i>(\$ in Millions)</i>					9.530		1.360		-		0.998		-		0.998				
Less PY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Net Procurement (P1) <i>(\$ in Millions)</i>					9.530		1.360		-		0.998		-		0.998				
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Total Obligation Authority <i>(\$ in Millions)</i>					9.530		1.360		-		0.998		-		0.998				
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																			
Initial Spares <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>					-		-		-		-		-		-				
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - AA51 CTG, 12 GAUGE NON-LETHAL POINT CONTROL M1012 Cost																			
Recurring Cost																			
1.1.1) AA51 COMPLETE ROUND		-	-	-	-	-	-	-	-	-	2.49	102,942	0.256	-	-	-	2.49	102,942	0.256
1.1.2) AA51 PRODUCTION ENGINEERING		-	-	0.065	-	-	-	-	-	-	-	-	0.242	-	-	-	-	-	0.242
Subtotal: Recurring Cost		-	-	0.065	-	-	-	-	-	-	-	-	0.498	-	-	-	-	-	0.498
Subtotal: Hardware - AA51 CTG, 12 GAUGE NON-LETHAL POINT CONTROL M1012 Cost		-	-	0.065	-	-	-	-	-	-	-	-	0.498	-	-	-	-	-	0.498
Hardware - BA06 CTG 40MM XM / M1006, NON-LETHAL (SPONGE GR) Cost																			
Recurring Cost																			
2.1.1) BA06 COMPLETE ROUND		-	-	-	8.55	87,616	0.749	-	-	-	-	-	-	-	-	-	-	-	-
2.1.2) BA06 PRODUCTION ENGINEERING		-	-	0.110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	0.110	-	-	0.749	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - BA06 CTG 40MM XM / M1006, NON-LETHAL (SPONGE GR) Cost		-	-	0.110	-	-	0.749	-	-	-	-	-	-	-	-	-	-	-	-
Hardware - GG04 GREANDE, HAND, RUBBER BALL NON-LETHAL Cost																			
Recurring Cost																			

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<b>Exhibit P-5, Cost Analysis: PB 2015 Navy</b>																<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / 02 / 1								<b>P-1 Line Item Number / Title:</b> 1628 / Non Lethals								<b>Item Number / Title [DODIC]:</b> 1 / Non Lethals			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
3.1.1) GG04 COMPLETE ROUND		19.00	174,969	3.324	27.81	14,267	0.397	-	-	-	30.03	16,650	0.500	-	-	-	30.03	16,650	0.500
3.1.2) GG04 PRODUCTION ENGINEERING		-	-	0.390	-	-	0.214	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	3.714	-	-	0.611	-	-	-	-	-	0.500	-	-	-	-	-	0.500
<i>Subtotal: Hardware - GG04 GREANDE, HAND, RUBBER BALL NON- LETHAL Cost</i>		-	-	3.714	-	-	0.611	-	-	-	-	-	0.500	-	-	-	-	-	0.500
Hardware - GG20 GRENADE, HAND STUD, BTV-1 BL Cost																			
Recurring Cost																			
4.1.1) GG20 COMPLETE ROUND		54.75	98,824	5.411	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.1.2) GG20 PRODUCTION ENGINEERING		-	-	0.230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	5.641	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - GG20 GRENADE, HAND STUD, BTV-1 BL Cost</i>		-	-	5.641	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hardware - MISSION PAYLOAD MODULE NON-LETHAL Cost																			
Recurring Cost																			
5.1.1) MPMN COMPLETE ROUND		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - MISSION PAYLOAD MODULE NON-LETHAL Cost</i>		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Gross/Weapon System Cost</b>		-	-	<b>9.530</b>	-	-	<b>1.360</b>	-	-	-	-	-	<b>0.998</b>	-	-	-	-	-	<b>0.998</b>

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy										<b>Date:</b> March 2014										
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							<b>P-1 Line Item Number / Title:</b> 1630 / Ammo Modernization													
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>												
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>								
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	28.564	4.557	8.403	12.319	-	12.319	15.789	16.463	16.633	16.875	Continuing	Continuing								
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) ( <i>\$ in Millions</i> )	28.564	4.557	8.403	12.319	-	12.319	15.789	16.463	16.633	16.875	Continuing	Continuing								
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>28.564</b>	<b>4.557</b>	<b>8.403</b>	<b>12.319</b>	<b>-</b>	<b>12.319</b>	<b>15.789</b>	<b>16.463</b>	<b>16.633</b>	<b>16.875</b>	<b>Continuing</b>	<b>Continuing</b>								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
Flyaway Unit Cost ( <i>\$ in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost ( <i>\$ in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-								
<p># The FY 2015 OCO Request will be submitted at a later date.</p> <p><b>Description:</b>  The Ammunition Modernization BLIN consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable for Ammunition, Rockets, Line charges, Components, Missiles, and quality evaluation. This line also supports the Work Unit Assignment efforts which assigns authority to the Naval Surface Warfare Center (NSWC), Crane, IN and delegates authority to the Expeditionary Systems Evaluation Division (ESED) at NSWC Crane, to perform Marine Corps ground delivered Class V(W) Ammunition Systems Assessment, Test and Evaluation, and Engineering Support.</p>																				
<b>Exhibits Schedule</b>			<b>Prior Years</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015 Base</b>			<b>FY 2015 OCO</b>			<b>FY 2015 Total</b>		
<b>Title*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
Ammo Modernization	P-40a		-	-	28.564	-	-	4.557	-	-	8.403	-	-	12.319	-	-	-	-	-	12.319
<b>Total Gross/Weapon System Cost</b>			-	-	<b>28.564</b>	-	-	<b>4.557</b>	-	-	<b>8.403</b>	-	-	<b>12.319</b>	-	-	<b>-</b>	-	-	<b>12.319</b>
<p>*For P-40as, Title represents the P40a Title.</p> <p>Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.</p>																				
<p><b>Justification:</b>  FY 2013 Base Appropriation Request \$4.557M: The Ammo Modernization line in FY13 baseline provided minimum Quality Assurance sustainment which defers equipment upgrades of numerous items. Supported the Work Unit Assignment efforts associated with Service Life Accelerated Age testing, malfunctions, and quality assurance. The Quality Assurance program ascertains the safety, reliability,</p>																				

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		<b>P-1 Line Item Number / Title:</b> 1630 / Ammo Modernization
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<p>performance, and combat readiness of ammunition assets. Ammo modernization addresses Life Cycle Management of ammunition through: cyclic testing, surveillance Reliability, Availability, Maintainability-Quality (RAM-Q), and destructive testing (degradation and trends).</p> <p>FY 2014 Base Appropriation Request \$8.403M: Increases the level of effort from FY13 to FY14 to modernize Ammunition (especially 40mm), Rockets, Line charges, Components, and Missiles. This includes, but is not limited to on going inspections to ensure safety of rounds in stockpile. Funding will support the Work Unit Assignment efforts associated with Service Life Accelerated Age testing, malfunctions, and quality assurance. The Quality Assurance program ascertains the safety, reliability, performance, and combat readiness of ammunition assets. Ammo modernization addresses Life Cycle Management of ammunition through cyclic testing, surveillance Reliability, Availability, Maintainability-Quality (RAM-Q), and destructive testing (degradation and trends).</p> <p>FY 2015 Base Appropriation Request \$12.319M: The Ammo Modernization BLI in FY15 baseline will support x-ray efforts for Light Weight Anti-Armor Weapon (LAW) rockets. The rockets have potential safety issues that require each LAW rocket to be x-rayed to ensure a required clip is inside the rocket that will prevent premature detonation. Funding will also support the Work Unit Assignment efforts associated with Service Life Accelerated Age testing, malfunctions, and quality assurance. The Quality Assurance program ascertains the safety, reliability, performance, and combat readiness of ammunition assets. Ammo modernization addresses Life Cycle Management of ammunition through cyclic tests, surveillance (RAM-Q), and destructive testing (degradation and trends).</p> <p>OCO: FY 2013 Overseas Contingency Operations (OCO) Request \$0.000M: N/A</p> <p>FY 2014 Overseas Contingency Operations (OCO) Request \$0.000M: N/A</p>		



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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1								P-1 Line Item Number / Title: 1630 / Ammo Modernization							Aggregated Items Title: Ammo Modernization					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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) Ammo Modernization																				
1.1) AM01, CTG, 40MM	A		-	-	2.950	-	-	0.875	-	-	2.135	-	-	1.599	-	-	-	-	-	1.599
1.2) AM02, ROCKETS AMMO MOD	A		-	-	4.616	-	-	0.801	-	-	1.319	-	-	2.412	-	-	-	-	-	2.412
1.3) AM03, LINE CHARGE AMMO MOD	A		-	-	2.434	-	-	0.801	-	-	1.319	-	-	2.411	-	-	-	-	-	2.411
1.4) AM04, COMPONENTS AMMO MOD	A		-	-	2.629	-	-	0.801	-	-	1.319	-	-	2.411	-	-	-	-	-	2.411
1.5) AM05, MISSILE COMP AMMO MOD	A		-	-	2.889	-	-	0.801	-	-	1.319	-	-	1.980	-	-	-	-	-	1.980
1.6) AM06, QUAL EVAL AMMO MOD	A		-	-	12.999	-	-	0.463	-	-	0.977	-	-	1.492	-	-	-	-	-	1.492
1.7) AMMO, AMMO MOD	A		-	-	0.047	-	-	0.015	-	-	0.015	-	-	0.014	-	-	-	-	-	0.014
Subtotal: 1) Ammo Modernization			-	-	28.564	-	-	4.557	-	-	8.403	-	-	12.319	-	-	-	-	-	12.319
Total			-	-	28.564	-	-	4.557	-	-	8.403	-	-	12.319	-	-	-	-	-	12.319

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy										<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition							<b>P-1 Line Item Number / Title:</b> 1660 / Items less than \$5 million						
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A			<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>					
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>	
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost <i>(\$ in Millions)</i>	16.979	7.941	10.401	11.178	-	11.178	11.323	11.591	11.662	11.819	Continuing	Continuing	
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) <i>(\$ in Millions)</i>	16.979	7.941	10.401	11.178	-	11.178	11.323	11.591	11.662	11.819	Continuing	Continuing	
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total Obligation Authority</b> <i>(\$ in Millions)</i>	<b>16.979</b>	<b>7.941</b>	<b>10.401</b>	<b>11.178</b>	<b>-</b>	<b>11.178</b>	<b>11.323</b>	<b>11.591</b>	<b>11.662</b>	<b>11.819</b>	<b>Continuing</b>	<b>Continuing</b>	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>													
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Flyaway Unit Cost <i>(\$ in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
<p># The FY 2015 OCO Request will be submitted at a later date.</p> <p><b>Description:</b>  Items Less Than \$5 Million supports Marine Corps Units that have niche ammunition requirements. This line includes the Marine Corps (MC) Competition Shooting Team with ammunition loading equipment and unique precision ammunition components through small purchase orders and the small arms small purchase credit card. This line also includes First Destination Transportation Charge (FDTC) funds that are utilized for the distribution of Marine Corps' ammunition end items from manufacturing plants assembly points. The Marine Security Guard Battalion (MSGB) funds the Marine Security Guard Battalion ammunition requirements which are procured through the U.S. State Department. Counter-DRUG Interdiction funds are provided by OSD (Office of the Secretary of Defense) to the MC in the year of execution to support drug interdiction requirements.</p>													

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)
Items less than \$5 million	P-40a		-	-	16.979	-	-	7.941	-	-	10.401	-	-	11.178	-	-	-	-	-	11.178
<b>Total Gross/Weapon System Cost</b>			-	-	<b>16.979</b>	-	-	<b>7.941</b>	-	-	<b>10.401</b>	-	-	<b>11.178</b>	-	-	<b>-</b>	-	-	<b>11.178</b>

\*For P-40as, Title represents the P40a Title.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**  
FY 2013 Baseline Appropriation Request \$7.941M: \$199K procured Rifle Team unique ammunition; \$1.077M provided to support Counter-DRUG Interdiction efforts; \$6.253M provided First Destination Transportation of items delivered in FY13; and \$400K funded Marine Security Guard Battalion ammunition requirements procured through the U.S. State Department.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Navy		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition		<b>P-1 Line Item Number / Title:</b> 1660 / Items less than \$5 million
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<p>FY 2014 Baseline Appropriation Request \$10.401M: \$198K procures Rifle Team ammunition; \$4.603M provides First Destination Transportation (FDT) of items that will be delivered in FY14, the decrease in funding supports the anticipated reduction to the FDT requirement; \$400K funds Marine Security Guard Battalion (MSGB) ammunition requirements procured through the U.S. State Department; the Marine Corps also received a Congressional Add of \$1.0M to fund the increase in ammunition requirements for the MSGB to support the increase in manning to Embassy's, this is an enduring requirement; The \$4.2M Congressional Add for Special Purpose MAGTF-Crisis Response (SP MAGTF-CR) is provided to procure small arms munitions required to support the SP MAGTF-CR teams as they are deployed.</p> <p>FY 2015 Baseline Appropriation Request \$11.178M: \$197K will procure Rifle Team ammunition; \$9.569M will provide First Destination Transportation of items delivering in FY15, the increase in funding from FY14 reflects the shift of all FDT to this line item beginning in FY15; and \$1.412M will fund Marine Security Guard Battalion ammunition requirements procured through the U.S. State Department.</p> <p>OCO:          FY 2013 Overseas Contingency Operations (OCO) Request \$12K: \$12K funded OCO First Destination Transportation in support of movement of ammunition in Operation Enduring Freedom - Afghanistan (OEF-A).</p> <p>FY 2014 Overseas Contingency Operations (OCO) Request \$0.000M: N/A</p> <p>FY 2015 Overseas Contingency Operations (OCO) Request \$0.000M: N/A</p>		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 02 / 1						P-1 Line Item Number / Title: 1660 / Items less than \$5 million									Aggregated Items Title: Items less than \$5 million					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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) Items Less than \$5M																				
1.1) A001, RIFLE TEAM AMMUNITION	A		-	-	-	-	-	0.199	-	-	0.198	-	-	0.197	-	-	-	-	-	0.197
1.2) DRUG INT, DRUG INTERDICTION	A		-	-	1.248	-	-	1.077	-	-	-	-	-	-	-	-	-	-	-	-
1.3) FDTC, FIRST DESTINATION TRANSPORTATION CHARGE			-	-	14.931	-	-	6.265	-	-	4.603	-	-	9.569	-	-	-	-	-	9.569
1.4) MSGGB, MARINE SECURITY GUARD BATTALION AMMO	A		-	-	0.800	-	-	0.400	-	-	1.400	-	-	1.412	-	-	-	-	-	1.412
1.5) Special Purpose MAGTF-Crisis Response	A		-	-	-	-	-	-	-	-	4.200	-	-	-	-	-	-	-	-	-
Subtotal: 1) Items Less than \$5M			-	-	16.979	-	-	7.941	-	-	10.401	-	-	11.178	-	-	-	-	-	11.178
Total			-	-	16.979	-	-	7.941	-	-	10.401	-	-	11.178	-	-	-	-	-	11.178

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