

UNCLASSIFIED

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

February 2012



Navy

Justification Book Volume 2

Procurement of Ammo, Navy & MC

Budget Activity 2

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Navy • President's Budget Submission FY 2013 • Procurement

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Department of Defense Appropriations Act, 2013

Procurement of Ammunition, Navy and Marine Corps

For construction, procurement, production, and modification of ammunition, and accessories therefore; specialized equipment and training devices; expansion of public and private plants, including ammunition facilities, authorized by section 2854 of title 10, United States Code, and the land necessary therefore, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes, \$759,539,000, to remain available for obligation until September 30, 2015.

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

18 Jan 2012

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

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

18 Jan 2012

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

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

18 Jan 2012

Appropriation: Procurement of Ammo, Navy & MC

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

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

18 Jan 2012

Appropriation: Procurement of Ammo, Navy & MC

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

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

18 Jan 2012

Appropriation: 1508N Procurement of Ammo, Navy & MC

| Line No | Item Nomenclature | Ident Code | FY 2011 Actuals | | FY 2012 Base | | FY 2012 OCO | | FY 2012 Total | | S e c |
|-------------------------------------|---------------------------------------|------------|-----------------|---------|--------------|---------|-------------|---------|---------------|---------|-------|
| | | | Quantity | Cost | Quantity | Cost | Quantity | Cost | Quantity | Cost | |
| Budget Activity 01: Proc Ammo, Navy | | | | | | | | | | | |
| ----- | | | | | | | | | | | |
| Navy Ammunition | | | | | | | | | | | |
| 1 | General Purpose Bombs | A | | 69,723 | | 63,666 | | | | 63,666 | U |
| 2 | Airborne Rockets, All Types | A | | 99,008 | | 23,264 | | 80,200 | | 103,464 | U |
| 3 | Machine Gun Ammunition | A | | 89,551 | | 17,788 | | 22,400 | | 40,188 | U |
| 4 | Practice Bombs | A | | 31,171 | | 35,289 | | | | 35,289 | U |
| 5 | Cartridges & Cart Actuated Devices | A | | 51,361 | | 46,716 | | | | 46,716 | U |
| 6 | Air Expendable Countermeasures | A | | 92,940 | | 60,677 | | 20,000 | | 80,677 | U |
| 7 | JATOS | A | | 2,854 | | 2,766 | | | | 2,766 | U |
| 8 | LRLAP 6" Long Range Attack Projectile | A | | | | | | | | | U |
| 9 | 5 Inch/54 Gun Ammunition | A | | 33,308 | | 10,901 | | | | 10,901 | U |
| 10 | Intermediate Caliber Gun Ammunition | A | | 17,386 | | 1,112 | | | | 1,112 | U |
| 11 | Other Ship Gun Ammunition | A | | 41,837 | | 19,018 | | 182 | | 19,200 | U |
| 12 | Small Arms & Landing Party Ammo | A | | 53,700 | | 46,039 | | 4,545 | | 50,584 | U |
| 13 | Pyrotechnic And Demolition | A | | 11,228 | | 10,199 | | 1,656 | | 11,855 | U |
| 14 | Ammunition Less Than \$5 Million | A | | 4,083 | | 4,107 | | 6,000 | | 10,107 | U |
| Total Proc Ammo, Navy | | | | 598,150 | | 341,542 | | 134,983 | | 476,525 | |
| ----- | | | | | | | | | | | |
| Budget Activity 02: Proc Ammo, MC | | | | | | | | | | | |
| ----- | | | | | | | | | | | |
| Marine Corps Ammunition | | | | | | | | | | | |
| 15 | Small Arms Ammunition | | | 83,371 | | 58,812 | | 19,575 | | 78,387 | U |

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

18 Jan 2012

Appropriation: 1508N Procurement of Ammo, Navy & MC

| Line No | Item Nomenclature | Ident Code | FY 2013 Base | | FY 2013 OCO | | FY 2013 Total | | S e c |
|-------------------------------------|---------------------------------------|---------------|-----------------|---------|----------------|---------|------------------|---------|-------------|
| | | | Quantity | Cost | Quantity | Cost | Quantity | Cost | |
| Budget Activity 01: Proc Ammo, Navy | | | | | | | | | |
| ----- | | | | | | | | | |
| Navy Ammunition | | | | | | | | | |
| 1 | General Purpose Bombs | A | | 27,024 | | 18,000 | | 45,024 | U |
| 2 | Airborne Rockets, All Types | A | | 56,575 | | 80,200 | | 136,775 | U |
| 3 | Machine Gun Ammunition | A | | 21,266 | | 21,500 | | 42,766 | U |
| 4 | Practice Bombs | A | | 34,319 | | | | 34,319 | U |
| 5 | Cartridges & Cart Actuated Devices | A | | 53,755 | | | | 53,755 | U |
| 6 | Air Expendable Countermeasures | A | | 61,693 | | 20,303 | | 81,996 | U |
| 7 | JATOS | A | | 2,776 | | | | 2,776 | U |
| 8 | LRLAP 6" Long Range Attack Projectile | A | | 7,102 | | | | 7,102 | U |
| 9 | 5 Inch/54 Gun Ammunition | A | | 48,320 | | | | 48,320 | U |
| 10 | Intermediate Caliber Gun Ammunition | A | | 25,544 | | | | 25,544 | U |
| 11 | Other Ship Gun Ammunition | A | | 41,624 | | 532 | | 42,156 | U |
| 12 | Small Arms & Landing Party Ammo | A | | 65,893 | | 2,643 | | 68,536 | U |
| 13 | Pyrotechnic And Demolition | A | | 11,176 | | 2,322 | | 13,498 | U |
| 14 | Ammunition Less Than \$5 Million | A | | 4,116 | | 6,308 | | 10,424 | U |
| Total Proc Ammo, Navy | | | | 461,183 | | 151,808 | | 612,991 | |
| Budget Activity 02: Proc Ammo, MC | | | | | | | | | |
| ----- | | | | | | | | | |
| Marine Corps Ammunition | | | | | | | | | |
| 15 | Small Arms Ammunition | | | 83,733 | | 10,948 | | 94,681 | U |

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

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

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Appropriation: 1508N Procurement of Ammo, Navy & MC

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

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

18 Jan 2012

Appropriation: 1508N Procurement of Ammo, Navy & MC

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

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

Appropriation 1508N: Procurement of Ammo, Navy & MC

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

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Appropriation 1508N: Procurement of Ammo, Navy & MC

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

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

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

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

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

Appropriation 1508N: Procurement of Ammo, Navy & MC

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

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

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

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

P-1 Line Item Nomenclature:
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 2011 | FY 2012 | FY 2013 Base | FY 2013 OCO | FY 2013 Total | FY 2014 | FY 2015 | FY 2016 | FY 2017 | To Complete | Total |
|---|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|-------------|------------|
| Procurement Quantity (Each) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (\$ in Millions) | 39.549 | 83.371 | 78.387 | 83.733 | 10.948 | 94.681 | 55.942 | 41.820 | 67.297 | 53.503 | Continuing | Continuing |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 39.549 | 83.371 | 78.387 | 83.733 | 10.948 | 94.681 | 55.942 | 41.820 | 67.297 | 53.503 | Continuing | Continuing |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 39.549 | 83.371 | 78.387 | 83.733 | 10.948 | 94.681 | 55.942 | 41.820 | 67.297 | 53.503 | Continuing | Continuing |
| <i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i> | | | | | | | | | | | | |
| Initial Spares (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

Base Appropriation Request:

This funding (DODIC A001) supports the procurement of components used in building small arms cartridges in support of the Marine Corps Rifle Team, Quantico, Virginia.

The Cartridge, 12 Gauge No. 9 Shot (DODIC A017) is procured from commercial manufacturers for training, combat, survival, and guard purposes with the M500, M590, and M870 12 gauge auto-loading and pump action shotguns. The cartridge case consists of a brass head containing a propellant charge and smokeless powder and a plastic sleeve containing the lead pellets. The cartridge design type is lead shot.

The Cartridge, 12 Gauge 1 Ounce Slug Commercial (DODIC A023) is procured from commercial manufacturers for training, combat, survival, and guard purposes with the M500, M590, and M870 12 gauge, auto-loading, and pump-action shotguns. The cartridge case consists of a metal (brass or plated steel) head containing a propellant charge and smokeless powder and a plastic sleeve containing a 1-ounce lead slug. The cartridge design type is a plain slug.

The Cartridge, Ball M855 10/Clip (DODIC A059) is the primary ball ammunition for the M16A2 Rifle and can be used in the M249 Squad Automatic Weapon (SAW) with a magazine.

The Cartridge, 5.56mm Ball M855 Linked (DODIC A062) is used with the M249 Squad Automatic Weapon (SAW) Machine Gun and is intended for combat, antipersonnel, and other unarmored targets. The DODIC A062 is linked 5.56mm NATO ammunition. A green tip on the projectile of the M855 Ball ammunition identifies the cartridge. The M27 Link is used to connect the 200 round belts.

The Cartridge, 5.56mm Tracer M856 Single Round (DODIC A063) is used with the M249 SAW Machine Gun and the M16A2 Rifle. The M856 Single Round has an orange tip on the projectile to identify the cartridge as a tracer. The tracer round is used for illuminating the trajectory path, incendiary, and signaling purposes. The cartridge consists of a brass cartridge case, a primer, propellant and bullet.

The Cartridge, 5.56mm 4 Ball M855/1 Tracer M856 Linked (DODIC A064) is the standard ammunition used for combat and training in the M249 SAW Machine Gun. The M856 Tracer cartridge is intended to permit visible observation of the bullet's in-flight path or trajectory to the point of impact.

The Cartridge, 5.56mm Blank M200 Linked (DODIC A075) is used in the M249 Squad Automatic Weapon (SAW) Machine Gun. It is designed to simulate firing during training exercises. The cartridge is identified by a rosette crimp closure of the cartridge mouth.

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

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

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

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

P-1 Line Item Nomenclature:
1000 - Small Arms Ammunition

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

The First Destination Transportation Cost (FDTC), funds are required to support the distribution of Marine Corps' small arms ammunition end items from manufacturing plants assembly points. These funds directly support training and readiness requirements of Marines in the field (CONUS or OCONUS).

The foreign ammunition, Cartridge, 7.62x39mm Ball (DODIC Z203) for the AK-47 shoulder fired automatic weapon, is used to support the requirements for Marines to conduct familiarization training and train Afghanistan and Iraqi Forces.

The foreign ammunition, Cartridge, 7.62x54Rmm Ball (DODIC Z205) for the Dragunov PKM Sniper Rifle, is used to support the requirements for Marines to conduct familiarization training and train Afghanistan and Iraqi Forces.

The foreign ammunition, Cartridge, 12.7x108mm API (.50 Caliber), (DODIC Z209) for the DShk mounted machine gun, is used to support the requirements for Marines to conduct familiarization training and train Afghanistan and Iraqi Forces.

FY13 Overseas Contingency Operations Request (OCO): \$10.948M

DODIC A059, \$3.596M; DODIC A131, \$3.466M; DODIC A363, \$0.021M, DODIC A576, \$3.865M. Lack of funding to replace combat expenditures will further erode the USMC's WRMR stockpile and negatively affect our ability to execute another MCO, if required.

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

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

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1000 - Small Arms Ammunition **Aggregated Item Name:** Small Arms Ammunition

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

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1000 - Small Arms Ammunition **Aggregated Item Name:** Small Arms Ammunition

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1000 - Small Arms Ammunition **Aggregated Item Name:** Small Arms Ammunition

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|---|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| 9.6) A080 ACCEPTANCE TESTING | A | - | - | 0.002 | - | - | 0.002 | - | - | - | - | - | - | - | - | - | - | - | - |
| 9.7) A080 PRODUCTION VERIFICATION TEST | A | - | - | - | - | - | 0.160 | - | - | 0.001 | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 9) A080 CTG, 5.56MM BLANK</i> | | | | 1.387 | | | 2.652 | | | 2.000 | | | 0.000 | | | 0.000 | | | 0.000 |
| 10) A091 CTG, 7.62MM BLANK LINKED | | | | | | | | | | | | | | | | | | | |
| † 10.1) A091 COMPLETE ROUND | A | - | - | - | - | - | - | 0.37 | 654,414 | 0.244 | - | - | - | - | - | - | - | - | - |
| 10.2) A091 PRODUCTION ENGINEERING | A | - | - | - | - | - | - | - | - | 0.005 | - | - | - | - | - | - | - | - | - |
| 10.3) A091 PRODUCTION VERIFICATION TEST | A | - | - | - | - | - | - | - | - | 0.001 | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 10) A091 CTG, 7.62MM BLANK LINKED</i> | | | | 0.000 | | | 0.000 | | | 0.250 | | | 0.000 | | | 0.000 | | | 0.000 |
| 11) A131 CTG, 7.62MM 4 & 1 LINKED | | | | | | | | | | | | | | | | | | | |
| † 11.1) A131 COMPLETE ROUND | A | - | - | 7.370 | 0.82 | 8,361,032 | 6.849 | 0.95 | 11,399,624 | 10.863 | 0.98 | 4,721,451 | 4.615 | 0.98 | 3,546,106 | 3.466 | 0.98 | 8,267,557 | 8.081 |
| 11.2) A131 PRODUCTION ENGINEERING | A | - | - | 0.344 | - | - | 0.270 | - | - | 0.467 | - | - | 0.163 | - | - | - | - | - | 0.163 |
| 11.3) A131 QUALITY ASSURANCE | A | - | - | 0.009 | - | - | 0.006 | - | - | - | - | - | 0.001 | - | - | - | - | - | 0.001 |
| 11.4) A131 ACCEPTANCE TESTING | A | - | - | 0.076 | - | - | 0.021 | - | - | - | - | - | 0.015 | - | - | - | - | - | 0.015 |
| <i>Subtotal 11) A131 CTG, 7.62MM 4 & 1 LINKED</i> | | | | 7.799 | | | 7.146 | | | 11.330 | | | 4.794 | | | 3.466 | | | 8.260 |
| 12) A143 CTG, 7.62MM BALL LINKED | | | | | | | | | | | | | | | | | | | |

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1000 - Small Arms Ammunition **Aggregated Item Name:** Small Arms Ammunition

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1000 - Small Arms Ammunition **Aggregated Item Name:** Small Arms Ammunition

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1000 - Small Arms Ammunition **Aggregated Item Name:** Small Arms Ammunition

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|---|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| 19.4) A598 PRODUCTION ENGINEERING | A | - | - | 0.001 | - | - | - | - | - | 0.028 | - | - | - | - | - | - | - | - | - |
| 19.5) A598 QUALITY ASSURANCE | A | - | - | - | - | - | - | - | - | 0.001 | - | - | - | - | - | - | - | - | - |
| 19.6) A598 PRODUCTION VERIFICATION TEST | A | - | - | - | - | - | - | - | - | 0.001 | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 19) A598 CTG, CAL .50 BLANK LINKED M2</i> | | | | 0.098 | | | 0.000 | | | 1.000 | | | 0.000 | | | 0.000 | | | 0.000 |
| 20) AA02 CTG, 5.56MM 4 AP M995/ 1 TRACER M856 | | | | | | | | | | | | | | | | | | | |
| † 20.1) AA02 LOAD, ASSEMBLE, AND PACK (LAP) | A | - | - | - | 1.59 | 522,962 | 0.829 | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 20) AA02 CTG, 5.56MM 4 AP M995/ 1 TRACER M856</i> | | | | 0.000 | | | 0.829 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 |
| 21) AA03 CTG, 7.62MM M993 ARMOR PIERCING (AP) | | | | | | | | | | | | | | | | | | | |
| † 21.1) AA03 COMPLETE ROUND | A | - | - | - | 2.56 | 734,715 | 1.878 | - | - | - | - | - | - | - | - | - | - | - | - |
| 21.2) AA03 PRODUCTION ENGINEERING | A | - | - | - | - | - | 0.021 | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 21) AA03 CTG, 7.62MM M993 ARMOR PIERCING (AP)</i> | | | | 0.000 | | | 1.899 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 |
| 22) AA04 CTG, 7.62MM 4 AP M995 TP 1 TRACER | | | | | | | | | | | | | | | | | | | |
| † 22.1) AA04 LOAD, ASSEMBLE, AND PACK (LAP) | A | - | - | - | 2.24 | 179,729 | 0.402 | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 22) AA04 CTG, 7.62MM 4 AP M995 TP 1 TRACER</i> | | | | 0.000 | | | 0.402 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 |

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| Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy | | | | | | | | | | | | | | | Date: February 2012 | | | | |
|--|----------|-------------------|---------------|----------------------|---|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|--|----------------------|-------------------|---------------|----------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 | | | | | P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition | | | | | | | | | | Aggregated Item Name: Small Arms Ammunition | | | | |
| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| 23) AA11 CTG, 7.62MM BALL LONG RANGE | | | | | | | | | | | | | | | | | | | |
| † 23.1) AA11 LOAD, ASSEMBLE AND PACK (LAP) | A | - | - | 1.972 | 0.98 | 2,156,452 | 2.120 | - | - | - | - | - | - | - | - | - | - | - | - |
| † 23.2) AA11 BOX METAL M2A1 (EA) | A | - | - | 0.042 | 9.06 | 4,744 | 0.043 | - | - | - | - | - | - | - | - | - | - | - | - |
| 23.3) AA11 PRODUCTION ENGINEERING | A | - | - | 0.027 | - | - | 0.032 | - | - | - | - | - | - | - | - | - | - | - | - |
| 23.4) AA11 QUALITY ASSURANCE | A | - | - | 0.005 | - | - | 0.002 | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 23) AA11 CTG, 7.62MM BALL LONG RANGE</i> | | | | 2.046 | | | 2.197 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 |
| 24) AA12 CTG, 9MM SESAMS (RED) | | | | | | | | | | | | | | | | | | | |
| † 24.1) AA12 COMPLETE ROUND | A | - | - | 1.000 | - | - | - | - | - | - | 0.37 | 1,359,459 | 0.503 | - | - | - | 0.37 | 1,359,459 | 0.503 |
| <i>Subtotal 24) AA12 CTG, 9MM SESAMS (RED)</i> | | | | 1.000 | | | 0.000 | | | 0.000 | | | 0.503 | | | 0.000 | | | 0.503 |
| 25) AA21 CTG, 9MM SESAMS (BLUE) | | | | | | | | | | | | | | | | | | | |
| † 25.1) AA21 COMPLETE ROUND | A | - | - | 1.384 | - | - | - | - | - | - | 0.36 | 2,180,556 | 0.785 | - | - | - | 0.36 | 2,180,556 | 0.785 |
| <i>Subtotal 25) AA21 CTG, 9MM SESAMS (BLUE)</i> | | | | 1.384 | | | 0.000 | | | 0.000 | | | 0.785 | | | 0.000 | | | 0.785 |
| 26) AA40 CTG, 5.56MM JACKETED FRANGIBLE | | | | | | | | | | | | | | | | | | | |
| † 26.1) AA40 COMPLETE ROUND | A | - | - | - | - | - | - | 0.33 | 3,030,303 | 1.000 | 0.34 | 297,059 | 0.101 | - | - | - | 0.34 | 297,059 | 0.101 |
| <i>Subtotal 26) AA40 CTG, 5.56MM JACKETED FRANGIBLE</i> | | | | 0.000 | | | 0.000 | | | 1.000 | | | 0.101 | | | 0.000 | | | 0.101 |
| 27) AA54 CTG, DOOR BREACHING | | | | | | | | | | | | | | | | | | | |

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1000 - Small Arms Ammunition **Aggregated Item Name:** Small Arms Ammunition

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|---|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| † 27.1) AA54 COMPLETE ROUND | A | - | - | - | - | - | - | - | - | - | 2.36 | 167,859 | 0.396 | - | - | - | 2.36 | 167,859 | 0.396 |
| 27.2) AA54 PRODUCTION ENGINEERING | A | - | - | - | - | - | - | - | - | - | - | - | 0.003 | - | - | - | - | - | 0.003 |
| <i>Subtotal 27) AA54 CTG, DOOR BREACHING</i> | | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.399 | | | 0.000 | | | 0.399 |
| 28) AA68 CTG, 5.56MM SR TRAIN M862 | | | | | | | | | | | | | | | | | | | |
| † 28.1) AA68 COMPLETE ROUND | A | - | - | - | - | - | - | - | - | - | 0.46 | 584,972 | 0.270 | - | - | - | 0.46 | 584,972 | 0.270 |
| <i>Subtotal 28) AA68 CTG, 5.56MM SR TRAIN M862</i> | | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.270 | | | 0.000 | | | 0.270 |
| 29) AA91 CTG 5.56MM MK289-0 FX MKG BLUE | | | | | | | | | | | | | | | | | | | |
| † 29.1) AA91 COMPLETE ROUND | A | - | - | - | - | - | - | 0.50 | 200,000 | 0.100 | 0.55 | 2,049,091 | 1.127 | - | - | - | 0.55 | 2,049,091 | 1.127 |
| <i>Subtotal 29) AA91 CTG 5.56MM MK289-0 FX MKG BLUE</i> | | | | 0.000 | | | 0.000 | | | 0.100 | | | 1.127 | | | 0.000 | | | 1.127 |
| 30) AA92 CTG, 5.56MM FX RED MKG LKD | | | | | | | | | | | | | | | | | | | |
| † 30.1) AA92 COMPLETE ROUND | A | - | - | - | - | - | - | - | - | - | 0.55 | 2,125,455 | 1.169 | - | - | - | 0.55 | 2,125,455 | 1.169 |
| <i>Subtotal 30) AA92 CTG, 5.56MM FX RED MKG LKD</i> | | | | 0.000 | | | 0.000 | | | 0.000 | | | 1.169 | | | 0.000 | | | 1.169 |
| 31) AB05 CTG, 5.56MM ORANGE MKG SNGL RD | | | | | | | | | | | | | | | | | | | |
| † 31.1) AB05 COMPLETE ROUND | A | - | - | - | - | - | - | - | - | - | 0.55 | 3,738,182 | 2.056 | - | - | - | 0.55 | 3,738,182 | 2.056 |
| <i>Subtotal 31) AB05 CTG, 5.56MM ORANGE MKG SNGL RD</i> | | | | 0.000 | | | 0.000 | | | 0.000 | | | 2.056 | | | 0.000 | | | 2.056 |

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| Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Navy | | | | | | | | | | | | | | Date: February 2012 | | | | | |
|--|----------|-------------------|---------------|----------------------|-------------------|---------------|---|-------------------|---------------|----------------------|-------------------|---------------|----------------------|--|---------------|----------------------|-------------------|---------------|----------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 | | | | | | | P-1 Line Item Nomenclature: 1000 - Small Arms Ammunition | | | | | | | Aggregated Item Name: Small Arms Ammunition | | | | | |
| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| 32) AB06 CTG, 5.56MM FX RED MKG SGL RD | | | | | | | | | | | | | | | | | | | |
| † 32.1) AB06 COMPLETE ROUND | A | - | - | - | - | - | - | - | - | - | 0.55 | 4,512,727 | 2.482 | - | - | - | 0.55 | 4,512,727 | 2.482 |
| <i>Subtotal 32) AB06 CTG, 5.56MM FX RED MKG SGL RD</i> | | | | 0.000 | | | 0.000 | | | 0.000 | | | 2.482 | | | 0.000 | | | 2.482 |
| 33) APKM, FOREIGN AMMO ALL TYPES | | | | | | | | | | | | | | | | | | | |
| † 33.1) APKM COMPLETE ROUND | A | - | - | - | 0.68 | 2,500,000 | 1.700 | 0.61 | 4,918,032 | 3.000 | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 33) APKM, FOREIGN AMMO ALL TYPES</i> | | | | 0.000 | | | 1.700 | | | 3.000 | | | 0.000 | | | 0.000 | | | 0.000 |
| 34) AXX1 CTG, CALIBER .50 REDUCED RANGE 4 BALL/1 | | | | | | | | | | | | | | | | | | | |
| † 34.1) AXX1 COMPLETE ROUND | A | - | - | - | - | - | - | 4.75 | 105,263 | 0.500 | 4.89 | 2,240,286 | 10.955 | - | - | - | 4.89 | 2,240,286 | 10.955 |
| <i>Subtotal 34) AXX1 CTG, CALIBER .50 REDUCED RANGE 4 BALL/1</i> | | | | 0.000 | | | 0.000 | | | 0.500 | | | 10.955 | | | 0.000 | | | 10.955 |
| 35) AXX2 CTG, CALIBER .50 REDUCED RANGE BALL LINK | | | | | | | | | | | | | | | | | | | |
| † 35.1) AXX2 COMPLETE ROUND | A | - | - | - | - | - | - | 4.61 | 108,344 | 0.500 | 4.65 | 563,226 | 2.619 | - | - | - | 4.65 | 563,226 | 2.619 |
| <i>Subtotal 35) AXX2 CTG, CALIBER .50 REDUCED RANGE BALL LINK</i> | | | | 0.000 | | | 0.000 | | | 0.500 | | | 2.619 | | | 0.000 | | | 2.619 |
| 36) AXX3 CTG 9MM BLANK SINGLE ROUND | | | | | | | | | | | | | | | | | | | |
| † 36.1) AXX3 COMPLETE ROUND | A | - | - | - | - | - | - | 2.00 | 50,000 | 0.100 | 2.42 | 54,545 | 0.132 | - | - | - | 2.42 | 54,545 | 0.132 |
| <i>Subtotal 36) AXX3 CTG 9MM BLANK SINGLE ROUND</i> | | | | 0.000 | | | 0.000 | | | 0.100 | | | 0.132 | | | 0.000 | | | 0.132 |

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1000 - Small Arms Ammunition **Aggregated Item Name:** Small Arms Ammunition

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|--|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| 37) FDTC FIRST DESTINATION TRANSPORTATION | | | | | | | | | | | | | | | | | | | |
| 37.1) FDTC FIRST DESTINATION TRANSPORTATION | A | - | - | - | - | - | 2.133 | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 37) FDTC FIRST DESTINATION TRANSPORTATION</i> | | | | 0.000 | | | 2.133 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 |
| 38) Z203 CTG, 7.62MM X 39 BALL F/ AK-47 | | | | | | | | | | | | | | | | | | | |
| † 38.1) Z203 COMPLETE ROUND | A | - | - | - | - | - | - | - | - | - | 0.30 | 1,370,000 | 0.411 | - | - | - | 0.30 | 1,370,000 | 0.411 |
| <i>Subtotal 38) Z203 CTG, 7.62MM X 39 BALL F/AK-47</i> | | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.411 | | | 0.000 | | | 0.411 |
| 39) Z205 CTG, 7.62X54RMM BALL F/DRAGUNOV PKM | | | | | | | | | | | | | | | | | | | |
| † 39.1) Z205 COMPLETE ROUND | A | - | - | - | - | - | - | - | - | - | 0.78 | 2,733,333 | 2.132 | - | - | - | 0.78 | 2,733,333 | 2.132 |
| <i>Subtotal 39) Z205 CTG, 7.62X54RMM BALL F/DRAGUNOV PKM</i> | | | | 0.000 | | | 0.000 | | | 0.000 | | | 2.132 | | | 0.000 | | | 2.132 |
| 40) Z209 CTG, 12.7X108MM API F/ DSHK | | | | | | | | | | | | | | | | | | | |
| 40.1) Z209 COMPLETE ROUND | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 40) Z209 CTG, 12.7X108MM API F/DSHK</i> | | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 |
| Total | | | | 39.549 | | | 83.371 | | | 78.387 | | | 83.733 | | | 10.948 | | | 94.681 |

Remarks:

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

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

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

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

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

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

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

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

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1000 - Small Arms Ammunition **Aggregated Item Name:** Small Arms Ammunition

| COST ELEMENTS Units in Millions (* = < 500 units) | | | | | | | Fiscal Year 2011 | | | | | | | | | | Fiscal Year 2012 | | | | | | | | | | | | | | | | | | |
|--|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------|------|-------|-------|
| O C O | MFR Ref # | FY | SERVICE [‡] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2011 | | | | | | | | | | Calendar Year 2012 | | | | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L | | | | |
| 4) A059 CTG, 5.56MM BALL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.1) A059 LOAD, ASSEMBLE AND PACK (LAP) (1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2011 | NAVY | 115.5 | 0 | 115.5 | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 115.5 | |
| ✓ | 1 | 2011 | NAVY | 18.17 | 0 | 18.17 | - | - | - | - | - | - | A - | - | - | - | - | - | 9.692 | 8.48 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 1 | 2012 | NAVY | 65.89 | 0 | 65.89 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | |
| ✓ | 1 | 2012 | NAVY | 18.05 | 0 | 18.05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | |
| | 2 | 2013 | NAVY | 79.4 | 0 | 79.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ✓ | 2 | 2013 | NAVY | 8.85 | 0 | 8.85 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 4.2) A059 LOAD, ASSEMBLE AND PACK (LAP) (2) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | 2011 | NAVY | 7.372 | 0 | 7.372 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7.372 | |
| 11) A131 CTG, 7.62MM 4 & 1 LINKED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11.1) A131 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | 2010 | NAVY | 10.38 | 0 | 10.38 | - | - | - | - | - | - | - | - | - | - | - | - | 3.3 | 3.006 | 4.074 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 4 | 2011 | NAVY | 4.699 | 0 | 4.699 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1.71 | 2.989 |
| ✓ | 4 | 2011 | NAVY | 3.662 | 0 | 3.662 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 4 | 2012 | NAVY | 5.254 | 0 | 5.254 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ✓ | 4 | 2012 | NAVY | 6.145 | 0 | 6.145 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 5 | 2013 | NAVY | 4.721 | 0 | 4.721 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ✓ | 5 | 2013 | NAVY | 3.546 | 0 | 3.546 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 18) A576 CTG, CAL .50 4 & 1 LINKED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18.1) A576 LOAD, ASSEMBLE, AND PACK (LAP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 | 2010 | NAVY | 4.24 | 0 | 4.24 | - | - | - | - | - | - | .4 | .4 | .4 | .4 | .4 | .395 | .4 | .4 | .715 | - | .33 | - | - | - | - | - | - | - | - | - | - | - | |
| | 6 | 2011 | NAVY | 2.338 | 0 | 2.338 | - | - | - | - | - | - | A - | - | - | - | - | - | .195 | .195 | .195 | .195 | .195 | .195 | .195 | .195 | .195 | .195 | .195 | .195 | .195 | .195 | .195 | .195 | |
| | 6 | 2012 | NAVY | 2.718 | 0 | 2.718 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ✓ | 6 | 2012 | NAVY | 2.132 | 0 | 2.132 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ✓ | 6 | 2013 | NAVY | 1.177 | 0 | 1.177 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 7 | 2013 | NAVY | 4.833 | 0 | 4.833 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 34) AXX1 CTG, CALIBER .50 REDUCED RANGE 4 BALL/1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34.1) AXX1 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | | | | |

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1000 - Small Arms Ammunition **Aggregated Item Name:** Small Arms Ammunition

| COST ELEMENTS Units in Millions (* = < 500 units) | | | | | | | Fiscal Year 2013 | | | | | | | | | | | | | | Fiscal Year 2014 | | | | | | | | | | | | | |
|--|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|--|--|
| O C O | MFR Ref # | FY | SERVICE [‡] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2013 | | | | | | | | | | | | | | Calendar Year 2014 | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L | | | |
| 4) A059 CTG, 5.56MM BALL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.1) A059 LOAD, ASSEMBLE AND PACK (LAP) (1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2011 | NAVY | 115.5 | 0 | 115.5 | 10.1 | 30.26 | 41.11 | 34.03 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 1 | 2011 | NAVY | 18.17 | 18.17 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2012 | NAVY | 65.89 | 0 | 65.89 | - | - | - | 5.55 | 5.44 | 5.44 | 5.44 | 5.44 | 5.44 | 5.44 | 5.44 | 5.44 | 5.44 | 5.44 | 5.44 | 5.44 | 5.44 | 5.44 | 5.44 | 5.44 | 5.44 | 5.937 | | | | | | |
| ✓ | 1 | 2012 | NAVY | 18.05 | 0 | 18.05 | - | - | - | 2.579 | 2.579 | 2.579 | 2.579 | 2.579 | 2.579 | 2.579 | | | | | | | | | | | | | | | | | | |
| | 2 | 2013 | NAVY | 79.4 | 0 | 79.4 | - | - | - | - | - | A - | - | - | - | - | - | - | 6.603 | 6.603 | 6.603 | 6.603 | 6.603 | 6.603 | 6.603 | 6.603 | 6.603 | 6.765 | | | | | | |
| ✓ | 2 | 2013 | NAVY | 8.85 | 0 | 8.85 | - | - | - | - | - | A - | - | - | - | - | - | .738 | .738 | .738 | .738 | .738 | .738 | .738 | .738 | .738 | .738 | .738 | | | | | | |
| 4.2) A059 LOAD, ASSEMBLE AND PACK (LAP) (2) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | 2011 | NAVY | 7.372 | 7.372 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11) A131 CTG, 7.62MM 4 & 1 LINKED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11.1) A131 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | 2010 | NAVY | 10.38 | 10.38 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | 2011 | NAVY | 4.699 | 1.71 | 2.989 | 1.308 | 1.681 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 4 | 2011 | NAVY | 3.662 | 0 | 3.662 | 1.37 | 1.754 | .538 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | 2012 | NAVY | 5.254 | 0 | 5.254 | .438 | .438 | .438 | .438 | .438 | .438 | .438 | .438 | .438 | .438 | .438 | | | | | | | | | | | | | | | | | |
| ✓ | 4 | 2012 | NAVY | 6.145 | 0 | 6.145 | .512 | .512 | .512 | .512 | .512 | .512 | .512 | .512 | .512 | .512 | .512 | | | | | | | | | | | | | | | | | |
| | 5 | 2013 | NAVY | 4.721 | 0 | 4.721 | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | .394 | .394 | .394 | .394 | 1.967 | | | | | | |
| ✓ | 5 | 2013 | NAVY | 3.546 | 0 | 3.546 | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | .296 | .296 | .296 | .296 | 1.477 | | | | | | | |
| 18) A576 CTG, CAL .50 4 & 1 LINKED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18.1) A576 LOAD, ASSEMBLE, AND PACK (LAP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 | 2010 | NAVY | 4.24 | 4.24 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 | 2011 | NAVY | 2.338 | 2.338 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 | 2012 | NAVY | 2.718 | 0 | 2.718 | .226 | .226 | .226 | .226 | .226 | .226 | .226 | .226 | .226 | .226 | .226 | | | | | | | | | | | | | | | | | |
| ✓ | 6 | 2012 | NAVY | 2.132 | 0 | 2.132 | .178 | .178 | .178 | .178 | .178 | .178 | .178 | .178 | .178 | .178 | .178 | | | | | | | | | | | | | | | | | |
| ✓ | 6 | 2013 | NAVY | 1.177 | 0 | 1.177 | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | .098 | .098 | .098 | .098 | .098 | 0.491 | | | | | | |
| | 7 | 2013 | NAVY | 4.833 | 0 | 4.833 | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | .403 | .403 | .403 | .403 | .403 | 2.014 | | | | | | |
| 34) AXX1 CTG, CALIBER .50 REDUCED RANGE 4 BALL/1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34.1) AXX1 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | | | |

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1000 - Small Arms Ammunition **Aggregated Item Name:** Small Arms Ammunition

| COST ELEMENTS Units in Millions (* = < 500 units) | | | | | | | Fiscal Year 2015 | | | | | | | | | | Fiscal Year 2016 | | | | | | | | | | | | | | |
|--|--------------|----|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| O C O | MFR Ref # | FY | SERVICE [‡] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2015 | | | | | | | | | | Calendar Year 2016 | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| 4) A059 CTG, 5.56MM BALL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.1) A059 LOAD, ASSEMBLE AND PACK (LAP) (1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 | 2011 | NAVY | 115.5 | 115.5 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | | 1 | 2011 | NAVY | 18.17 | 18.17 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 | 2012 | NAVY | 65.89 | 65.89 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | | 1 | 2012 | NAVY | 18.05 | 18.05 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2 | 2013 | NAVY | 79.4 | 79.4 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | | 2 | 2013 | NAVY | 8.85 | 8.85 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.2) A059 LOAD, ASSEMBLE AND PACK (LAP) (2) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 3 | 2011 | NAVY | 7.372 | 7.372 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 11) A131 CTG, 7.62MM 4 & 1 LINKED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11.1) A131 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 4 | 2010 | NAVY | 10.38 | 10.38 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 4 | 2011 | NAVY | 4.699 | 4.699 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | | 4 | 2011 | NAVY | 3.662 | 3.662 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 4 | 2012 | NAVY | 5.254 | 5.254 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | | 4 | 2012 | NAVY | 6.145 | 6.145 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 5 | 2013 | NAVY | 4.721 | 2.754 | 1.967 | .394 | .394 | .394 | .394 | .394 | | | | | | | | | | | | | | | | | | | |
| ✓ | | 5 | 2013 | NAVY | 3.546 | 2.069 | 1.477 | .296 | .296 | .296 | .296 | .296 | | | | | | | | | | | | | | | | | | | |
| 18) A576 CTG, CAL .50 4 & 1 LINKED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18.1) A576 LOAD, ASSEMBLE, AND PACK (LAP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 6 | 2010 | NAVY | 4.24 | 4.24 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 6 | 2011 | NAVY | 2.338 | 2.338 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 6 | 2012 | NAVY | 2.718 | 2.718 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | | 6 | 2012 | NAVY | 2.132 | 2.132 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | | 6 | 2013 | NAVY | 1.177 | .687 | .491 | .098 | .098 | .098 | .098 | .098 | | | | | | | | | | | | | | | | | | | |
| | | 7 | 2013 | NAVY | 4.833 | 2.819 | 2.014 | .403 | .403 | .403 | .403 | .403 | | | | | | | | | | | | | | | | | | | |
| 34) AXX1 CTG, CALIBER .50 REDUCED RANGE 4 BALL/1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34.1) AXX1 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P |

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

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

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

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

| | |
|---|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition | P-1 Line Item Nomenclature: 1030 - Linear Charges, All Types |
|---|--|

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

| Resource Summary | Prior Years | FY 2011 | FY 2012 | FY 2013 Base | FY 2013 OCO | FY 2013 Total | FY 2014 | FY 2015 | FY 2016 | FY 2017 | To Complete | Total |
|--|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|-------------|------------|
| Procurement Quantity (Each) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (\$ in Millions) | 10,028.087 | 23.894 | 24.351 | 24.645 | 9.940 | 34.585 | 76.128 | 10.183 | 40.434 | 11.314 | Continuing | Continuing |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 10,028.087 | 23.894 | 24.351 | 24.645 | 9.940 | 34.585 | 76.128 | 10.183 | 40.434 | 11.314 | Continuing | Continuing |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 10,028.087 | 23.894 | 24.351 | 24.645 | 9.940 | 34.585 | 76.128 | 10.183 | 40.434 | 11.314 | Continuing | Continuing |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Initial Spares (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

Base Appropriation Request:

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

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

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

FY13 Overseas Contingency Operations Request (OCO):

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

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

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1030 - Linear Charges, All Types **Aggregated Item Name:** Linear Charges, All Types

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|---|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| 2.9) M913 REMAINDER | A | - | - | - | - | - | 0.042 | - | - | 0.038 | - | - | 0.026 | - | - | 0.065 | - | - | 0.091 |
| <i>Subtotal 2) M913 CHG DEMO LINEAR M58 SERIES A4</i> | | | | 10,007.051 | | | 8.046 | | | 7.938 | | | 11.635 | | | 4.970 | | | 16.605 |
| 3) MN79 ANTI-PERS OBSTACLE BREACHING SYSTEM | | | | | | | | | | | | | | | | | | | |
| † 3.1) MN79 COMPLETE ROUND | A | - | - | 20.486 | 8,465.46 | 1,824 | 15.441 | 16,040.81 | 907 | 14.549 | 9,511.02 | 1,366 | 12.992 | 9,511.02 | 522 | 4.965 | 9,511.02 | 1,888 | 17.957 |
| 3.2) MN79 PRODUCTION ENGINEERING | A | - | - | - | - | - | 0.389 | - | - | 0.443 | - | - | - | - | - | - | - | - | - |
| 3.3) MN79 QUALITY ASSURANCE | A | - | - | - | - | - | 0.007 | - | - | 0.008 | - | - | 0.009 | - | - | - | - | - | 0.009 |
| 3.4) MN79 REMAINDER | A | - | - | - | - | - | 0.011 | - | - | - | - | - | 0.009 | - | - | 0.005 | - | - | 0.014 |
| <i>Subtotal 3) MN79 ANTI-PERS OBSTACLE BREACHING SYSTEM</i> | | | | 20.486 | | | 15.848 | | | 15.000 | | | 13.010 | | | 4.970 | | | 17.980 |
| Total | | | | 10,028.087 | | | 23.894 | | | 24.351 | | | 24.645 | | | 9.940 | | | 34.585 |

Remarks:

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

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy **Date:** February 2012

| | | |
|---|--|---|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 | P-1 Line Item Nomenclature: 1030 - Linear Charges, All Types | Aggregated Item Name: Linear Charges, All Types |
|---|--|---|

| Cost Elements († indicates the presence of a P-21) | O C O | FY | Contractor and Location | Contract Method and Type | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost (\$) | Specs Avail Now? | Date Revsn Avail | RFP Issue Date |
|---|-------------|------|---|--------------------------|---------------------|------------|------------------------|---------------|-------------------|------------------|------------------|----------------|
| †2.2) M913 COMP C-4 CLASS 3 | ✓ | 2013 | TO BE SELECTED / UNKNOWN | C / FFP | ROCK ISLAND ARSENAL | May 2013 | Nov 2013 | 125,962 | 23.92 | Y | | |
| 2.3) M913 FUZE ELECTRIC M113A4 | | 2010 | GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE | TBD | ROCK ISLAND ARSENAL | Aug 2011 | Aug 2011 | 31 | 1,256.93 | Y | | |
| 2.3) M913 FUZE ELECTRIC M113A4 | ✓ | 2010 | GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE | TBD | ROCK ISLAND ARSENAL | Aug 2011 | Aug 2011 | 104 | 1,256.93 | Y | | |
| 2.3) M913 FUZE ELECTRIC M113A4 | | 2011 | GOVERNMENT FURNISHED MATERIAL / STOCK ISSUE | TBD | ROCK ISLAND ARSENAL | Aug 2011 | Aug 2011 | 174 | 1,256.93 | Y | | |
| 2.3) M913 FUZE ELECTRIC M113A4 | | 2012 | TO BE SELECTED / UNKNOWN | C / FFP | ROCK ISLAND ARSENAL | May 2012 | May 2013 | 20 | 2,542.26 | Y | | |
| 2.3) M913 FUZE ELECTRIC M113A4 | ✓ | 2012 | TO BE SELECTED / UNKNOWN | C / FFP | ROCK ISLAND ARSENAL | May 2012 | May 2013 | 114 | 2,542.26 | Y | | |
| 2.3) M913 FUZE ELECTRIC M113A4 | | 2013 | TO BE SELECTED / UNKNOWN | C / TBD | ROCK ISLAND ARSENAL | May 2013 | May 2014 | 160 | 2,856.87 | Y | | |
| 2.3) M913 FUZE ELECTRIC M113A4 | ✓ | 2013 | TO BE SELECTED / UNKNOWN | C / TBD | ROCK ISLAND ARSENAL | May 2013 | May 2014 | 68 | 2,856.87 | Y | | |
| 3) MN79 ANTI-PERS OBSTACLE BREACHING SYSTEM | | | | | | | | | | | | |
| †3.1) MN79 COMPLETE ROUND ⁽¹⁾ | | 2010 | CHEMRING ORDNANCE, INC. / PERRY,FL | C / FFP | ROCK ISLAND ARSENAL | Jun 2011 | Jun 2012 | 1,627 | 12,591.27 | Y | | |
| †3.1) MN79 COMPLETE ROUND ⁽²⁾ | | 2011 | CHEMRING ORDNANCE, INC. / PERRY,FL | C / FFP | ROCK ISLAND ARSENAL | Jun 2011 | Jun 2012 | 795 | 8,550.00 | Y | | |
| †3.1) MN79 COMPLETE ROUND ⁽³⁾ | ✓ | 2011 | CHEMRING ORDNANCE, INC. / PERRY,FL | C / FFP | ROCK ISLAND ARSENAL | Jun 2011 | Jun 2012 | 1,029 | 8,400.00 | Y | | |
| †3.1) MN79 COMPLETE ROUND ⁽⁴⁾ | | 2012 | CHEMRING ORDNANCE, INC. / PERRY,FL | C / FFP | ROCK ISLAND ARSENAL | Mar 2012 | Sep 2013 | 907 | 16,040.81 | Y | | |
| †3.1) MN79 COMPLETE ROUND | | 2013 | CHEMRING ORDNANCE, INC. / PERRY,FL | C / FFP | ROCK ISLAND ARSENAL | Mar 2013 | Sep 2014 | 1,366 | 9,511.02 | Y | | |
| †3.1) MN79 COMPLETE ROUND | ✓ | 2013 | CHEMRING ORDNANCE, INC. / PERRY,FL | C / FFP | ROCK ISLAND ARSENAL | Mar 2013 | Sep 2014 | 522 | 9,511.02 | Y | | |

Remarks:

- ⁽¹⁾FY 2010 and 2011 will be a new contract award. FY2012 procurment will be fixed price option to competitive contract awarded in FY 2011
- ⁽²⁾FY 2010 and 2011 will be a new contract award. FY2012 procurment will be fixed price option to competitive contract awarded in FY 2011
- ⁽³⁾FY 2010 and 2011 will be a new contract award. FY2012 procurment will be fixed price option to competitive contract awarded in FY 2011
- ⁽⁴⁾FY 2010 and 2011 will be a new contract award. FY2012 procurment will be fixed price option to competitive contract awarded in FY 20121

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1030 - Linear Charges, All Types **Aggregated Item Name:** Linear Charges, All Types

| COST ELEMENTS Units in Thousands | | | | | | | Fiscal Year 2011 | | | | | | | | | | | | | Fiscal Year 2012 | | | | | | | | | | | | | |
|---|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-------|
| O C O | MFR Ref # | FY | SERVICE [±] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2011 | | | | | | | | | | | | | Calendar Year 2012 | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L | | |
| 2) M913 CHG DEMO LINEAR M58 SERIES A4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1) M913 LOAD, ASSEMBLE, PACK (LAP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 | 2010 | NAVY (5) | .031 | 0 | .031 | - | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | 0.031 | | |
| ✓ | 9 | 2010 | NAVY (6) | .104 | 0 | .104 | - | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | 0.104 | | |
| | 9 | 2011 | NAVY (7) | .174 | 0 | .174 | - | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | 0.174 | | |
| | 9 | 2012 | NAVY | .02 | 0 | .02 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | 0.02 | |
| ✓ | 9 | 2012 | NAVY | .114 | 0 | .114 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | 0.114 | |
| | 9 | 2013 | NAVY | .16 | 0 | .16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.16 | |
| ✓ | 9 | 2013 | NAVY | .068 | 0 | .068 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.068 | |
| 2.2) M913 COMP C-4 CLASS 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10 | 2010 | NAVY | 57.41 | 0 | 57.41 | - | - | - | 57.41 | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 10 | 2010 | NAVY | 192.6 | 0 | 192.6 | - | - | - | 192.6 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10 | 2011 | NAVY | 322.2 | 0 | 322.2 | - | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | 322.2 | | | |
| | 10 | 2012 | NAVY | 37.04 | 0 | 37.04 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | 37.04 | |
| ✓ | 10 | 2012 | NAVY | 211.1 | 0 | 211.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | 211.1 | |
| | 11 | 2013 | NAVY | 296.4 | 0 | 296.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 296.4 | |
| ✓ | 11 | 2013 | NAVY | 126 | 0 | 126 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 126 | |
| 3) MN79 ANTI-PERS OBSTACLE BREACHING SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.1) MN79 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12 | 2010 | NAVY | 1.627 | 0 | 1.627 | - | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | .2 | .13 | .13 | .13 | 1.037 |
| | 12 | 2011 | NAVY | .795 | 0 | .795 | - | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | .068 | .068 | .068 | .068 | 0.523 |
| ✓ | 12 | 2011 | NAVY | 1.029 | 0 | 1.029 | - | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | .089 | .09 | .09 | .09 | 0.67 |
| | 12 | 2012 | NAVY | .907 | 0 | .907 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | 0.907 |
| | 12 | 2013 | NAVY | 1.366 | 0 | 1.366 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1.366 |
| ✓ | 12 | 2013 | NAVY | .522 | 0 | .522 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.522 |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | | |

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1030 - Linear Charges, All Types **Aggregated Item Name:** Linear Charges, All Types

| COST ELEMENTS Units in Thousands | | | | | | | Fiscal Year 2013 | | | | | | | | | | | | | Fiscal Year 2014 | | | | | | | | | | | |
|---|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| O C O | MFR Ref # | FY | SERVICE [±] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2013 | | | | | | | | | | | | | Calendar Year 2014 | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| 2) M913 CHG DEMO LINEAR M58 SERIES A4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1) M913 LOAD, ASSEMBLE, PACK (LAP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 | 2010 | NAVY (5) | .031 | 0 | .031 | .01 | .01 | .011 | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 9 | 2010 | NAVY (6) | .104 | 0 | .104 | .015 | .015 | .015 | .025 | .025 | .009 | | | | | | | | | | | | | | | | | | | |
| | 9 | 2011 | NAVY (7) | .174 | 0 | .174 | - | - | - | - | - | - | - | - | - | .044 | .075 | .055 | | | | | | | | | | | | | |
| | 9 | 2012 | NAVY | .02 | 0 | .02 | - | - | - | - | - | - | - | - | - | - | .001 | .001 | .018 | | | | | | | | | | | | |
| ✓ | 9 | 2012 | NAVY | .114 | 0 | .114 | - | - | - | - | - | - | - | - | - | .002 | .005 | .007 | .025 | .025 | .025 | .025 | | | | | | | | | |
| | 9 | 2013 | NAVY | .16 | 0 | .16 | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | 0.16 | | | |
| ✓ | 9 | 2013 | NAVY | .068 | 0 | .068 | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | 0.068 | | | |
| 2.2) M913 COMP C-4 CLASS 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10 | 2010 | NAVY | 57.41 | 57.41 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 10 | 2010 | NAVY | 192.6 | 192.6 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10 | 2011 | NAVY | 322.2 | 322.2 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10 | 2012 | NAVY | 37.04 | 0 | 37.04 | - | - | - | - | - | - | - | - | - | 37.04 | | | | | | | | | | | | | | | |
| ✓ | 10 | 2012 | NAVY | 211.1 | 0 | 211.1 | - | - | - | - | - | - | - | - | - | 211.1 | | | | | | | | | | | | | | | |
| | 11 | 2013 | NAVY | 296.4 | 0 | 296.4 | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| ✓ | 11 | 2013 | NAVY | 126 | 0 | 126 | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 3) MN79 ANTI-PERS OBSTACLE BREACHING SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.1) MN79 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12 | 2010 | NAVY | 1.627 | .59 | 1.037 | .13 | .13 | .13 | .13 | .13 | .13 | .13 | .127 | | | | | | | | | | | | | | | | | |
| | 12 | 2011 | NAVY | .795 | .272 | .523 | .068 | .068 | .068 | .068 | .068 | .068 | .068 | .047 | | | | | | | | | | | | | | | | | |
| ✓ | 12 | 2011 | NAVY | 1.029 | .359 | .67 | .09 | .09 | .09 | .08 | .08 | .08 | .08 | | | | | | | | | | | | | | | | | | |
| | 12 | 2012 | NAVY | .907 | 0 | .907 | - | - | - | - | - | - | - | - | - | .075 | .075 | .075 | .075 | .075 | .075 | .075 | .075 | .075 | .075 | .075 | .075 | .082 | | | |
| | 12 | 2013 | NAVY | 1.366 | 0 | 1.366 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | .111 | 1.255 | | | |
| ✓ | 12 | 2013 | NAVY | .522 | 0 | .522 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | .043 | 0.479 | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | |

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1030 - Linear Charges, All Types **Aggregated Item Name:** Linear Charges, All Types

| COST ELEMENTS Units in Thousands | | | | | | | Fiscal Year 2015 | | | | | | | | | | | | | Fiscal Year 2016 | | | | | | | | | | | |
|---|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| O C O | MFR Ref # | FY | SERVICE [±] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2015 | | | | | | | | | | | | | Calendar Year 2016 | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| 2) M913 CHG DEMO LINEAR M58 SERIES A4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1) M913 LOAD, ASSEMBLE, PACK (LAP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 | 2010 | NAVY (5) | .031 | .031 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 9 | 2010 | NAVY (6) | .104 | .104 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 | 2011 | NAVY (7) | .174 | .174 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 | 2012 | NAVY | .02 | .02 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 9 | 2012 | NAVY | .114 | .114 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 | 2013 | NAVY | .16 | 0 | .16 | - | - | - | .055 | .055 | .05 | | | | | | | | | | | | | | | | | | | |
| ✓ | 9 | 2013 | NAVY | .068 | 0 | .068 | - | - | - | .01 | .01 | .015 | .033 | | | | | | | | | | | | | | | | | | |
| 2.2) M913 COMP C-4 CLASS 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10 | 2010 | NAVY | 57.41 | 57.41 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 10 | 2010 | NAVY | 192.6 | 192.6 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10 | 2011 | NAVY | 322.2 | 322.2 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10 | 2012 | NAVY | 37.04 | 37.04 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 10 | 2012 | NAVY | 211.1 | 211.1 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 11 | 2013 | NAVY | 296.4 | 296.4 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 11 | 2013 | NAVY | 126 | 126 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3) MN79 ANTI-PERS OBSTACLE BREACHING SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.1) MN79 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12 | 2010 | NAVY | 1.627 | 1.627 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12 | 2011 | NAVY | .795 | .795 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 12 | 2011 | NAVY | 1.029 | 1.029 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12 | 2012 | NAVY | .907 | .907 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12 | 2013 | NAVY | 1.366 | .111 | 1.255 | .111 | .111 | .111 | .111 | .111 | .111 | .111 | .111 | .111 | .121 | .135 | | | | | | | | | | | | | | |
| ✓ | 12 | 2013 | NAVY | .522 | .043 | .479 | .043 | .043 | .043 | .043 | .043 | .043 | .043 | .043 | .043 | .043 | .049 | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | |

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

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

Remarks:
 ‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.
 (5)The FY10 and FY11 Quantities will be awarded together in August 2011 on a new contract
 (6)The FY10 and FY11 Quantities will be awarded together in August 2011 on a new contract
 (7)The FY10 and FY11 Quantities will be awarded together in August 2011 on a new contract

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

| | |
|---|---|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition | P-1 Line Item Nomenclature: 1050 - 40 MM, All Types |
|---|---|

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

| Resource Summary | Prior Years | FY 2011 | FY 2012 | FY 2013 Base | FY 2013 OCO | FY 2013 Total | FY 2014 | FY 2015 | FY 2016 | FY 2017 | To Complete | Total |
|---|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|-------------|------------|
| Procurement Quantity (Each) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (\$ in Millions) | 133.366 | 109.329 | 92.848 | 16.201 | 5.963 | 22.164 | 34.032 | 12.735 | 20.051 | 13.272 | Continuing | Continuing |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 133.366 | 109.329 | 92.848 | 16.201 | 5.963 | 22.164 | 34.032 | 12.735 | 20.051 | 13.272 | Continuing | Continuing |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 133.366 | 109.329 | 92.848 | 16.201 | 5.963 | 22.164 | 34.032 | 12.735 | 20.051 | 13.272 | Continuing | Continuing |
| <i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i> | | | | | | | | | | | | |
| Initial Spares (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

Base Appropriation Request:

The Cartridge, 40mm Green Smoke Ground Marker M715(DODIC B508) is a fixed round of ammunition consisting of a projectile assembly and a cartridge case assembly. The projectile assembly contains a pyrotechnic smoke payload. Fired from the M203 Grenade Launcher and provides aerial identification and location of troops on the ground. Upon impact, the cartridge emits green colored smoke for approximately 25 seconds.

The Cartridge, 40mm Yellow Smoke Ground Marker M716(DODIC B509) is a fixed round of ammunition consisting of a projectile assembly and a cartridge case assembly. The projectile assembly contains a pyrotechnic smoke payload. Fired from the M203 Grenade Launcher and provides aerial identification and location of troops on the ground. Upon impact, the cartridge emits yellow colored smoke for approximately 25 seconds.

The Cartridge, 40mm Target Practice (TP) M781(DODIC B519) is a fixed cartridge consisting of a plastic ogive, metal body, and plastic cartridge case. The ogive houses a highly visible yellow-orange dye. The cartridge case is press-fitted with a .38 caliber blank cartridge containing the propellant. Fired from the M203 Grenade Launcher, used for training and contains no high explosive. Upon impact, the projectile ruptures and releases a yellow-orange dye simulating explosive impact.

The Cartridge, 40mm White Star Parachute M583/M583A1(DODIC B535) is a fixed cartridge consisting of a projectile assembly and a cartridge case assembly. Fired from the M203 Grenade Launcher and used for illumination and signaling.

The Cartridge, 40mm High-Explosive Dual-Purpose(HEDP) M430/M430A1 Linked(DODIC B542) is a fixed cartridge consisting of an ogive, projectile body, and cartridge case. Fired from the MK19 Mod3 Grenade Machine Gun. The projectile's shaped charge is designed to penetrate two inches of steel armor and inflict personnel casualties in the target area.

The Cartridge, 40mm HEDP M433(DODIC B546) is a fixed round of ammunition consisting of an ogive, projectile body, and cartridge case. Fired from the M203 Grenade Launcher and is a high explosive, dual-purpose round. The projectile's shaped charge is designed to penetrate two inches of steel armor and inflict personnel casualties in the target area.

The Cartridge, 40mm Practice Day/Night, Linked M281 MOD 1 (DODIC BA21) is a fixed cartridge consisting of a projectile body, containing a marker that is visible during both day and night operations, and cartridge case. Fired from the MK19 Mod 3 Grenade Machine Gun for practice or weapon proof testing. Procured as a replacement for the BA12 cartridge.

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

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

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

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

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

FY13 Overseas Contingency Operations Request (OCO):

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

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

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

Justification:

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1050 - 40 MM, All Types **Aggregated Item Name:** 40 MM, All Types

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|--|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| SMOKE GROUND M713 | | | | | | | | | | | | | | | | | | | |
| 4) B508, CTG, 40MM GREEN SMOKE GROUND M715 | | | | | | | | | | | | | | | | | | | |
| † 4.1) B508 LOAD, ASSEMBLE, AND PACK | A | - | - | - | 98.52 | 6,313 | 0.622 | 78.95 | 1,102 | 0.087 | - | - | - | - | - | - | - | - | - |
| 4.2) B508 CASE CTG 40MM M118 LLD | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.3) B508 NITROCELLULOSE WW GD D (LB) | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.4) B508 DELAY ASSEMBLY | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.5) B508 METAL BOX M2A1 C1 | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.6) B508 METAL BOX M2A1 C2 | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.7) B508 PRODUCTION ENGINEERING | A | - | - | - | - | - | 0.084 | - | - | 0.125 | - | - | - | - | - | - | - | - | - |
| 4.8) B508 QUALITY ASSURANCE | A | - | - | - | - | - | 0.008 | - | - | 0.004 | - | - | - | - | - | - | - | - | - |
| 4.9) B508 ECBC NON ARDEC ENGINEERING | A | - | - | - | - | - | - | - | - | 0.084 | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 4) B508, CTG, 40MM GREEN SMOKE GROUND M715</i> | | | | 0.000 | | | 0.714 | | | 0.300 | | | 0.000 | | | 0.000 | | | 0.000 |
| 5) B509, CTG, 40MM YELLOW SMOKE GROUND M716 | | | | | | | | | | | | | | | | | | | |
| † 5.1) B509 LOAD, ASSEMBLE, AND PACK | A | - | - | - | - | - | - | 78.95 | 1,102 | 0.087 | - | - | - | - | - | - | - | - | - |
| 5.2) B509 CASE CTG 40MM M118 LLD | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5.3) B509 NITROCELLULOSE WW GD D (LB) | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

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

Appropriation / Budget Activity / Budget Sub Activity:
1508N / BA 2 / BSA 1

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

Aggregated Item Name:
40 MM, All Types

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|---|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| 5.4) B509 DELAY ASSEMBLY | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5.5) B509 BOX METAL M2A1 C1 | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5.6) B509 BOX METAL M2A1 C2 | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5.7) B509 PRODUCTION ENGINEERING | A | - | - | - | - | - | - | - | - | 0.125 | - | - | - | - | - | - | - | - | - |
| 5.8) B509 QUALITY ENGINEERING | A | - | - | - | - | - | - | - | - | 0.004 | - | - | - | - | - | - | - | - | - |
| 5.9) B509 ECBC NON ARDEC ENGINEERING | A | - | - | - | - | - | - | - | - | 0.084 | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 5) B509, CTG, 40MM YELLOW SMOKE GROUND M716</i> | | | | <i>0.000</i> | | | <i>0.000</i> | | | <i>0.300</i> | | | <i>0.000</i> | | | <i>0.000</i> | | | <i>0.000</i> |
| 6) B519, CTG, 40MM PRACTICE SNGL M781 | | | | | | | | | | | | | | | | | | | |
| † 6.1) B519 LOAD, ASSEMBLE, AND PACK C1 | A | - | - | 0.515 | 3.75 | 727,733 | 2.729 | - | - | - | - | - | - | - | - | - | - | - | - |
| † 6.2) B519 LOAD, ASSEMBLE, AND PACK C2 | A | - | - | 1.628 | 3.75 | 485,067 | 1.819 | - | - | - | - | - | - | - | - | - | - | - | - |
| 6.3) B519 PRODUCTION ENGINEERING | A | - | - | 0.312 | - | - | 0.470 | - | - | - | - | - | - | - | - | - | - | - | - |
| 6.4) B519 QUALITY ENGINEERING | A | - | - | 0.004 | - | - | 0.005 | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 6) B519, CTG, 40MM PRACTICE SNGL M781</i> | | | | <i>2.459</i> | | | <i>5.023</i> | | | <i>0.000</i> | | | <i>0.000</i> | | | <i>0.000</i> | | | <i>0.000</i> |
| 7) B535, CTG, 40MM WHITE STAR PARACHUTE M583A1 | | | | | | | | | | | | | | | | | | | |
| 7.1) B535 LOAD, ASSEMBLE, AND PACK C1 | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1050 - 40 MM, All Types **Aggregated Item Name:** 40 MM, All Types

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1050 - 40 MM, All Types **Aggregated Item Name:** 40 MM, All Types

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1050 - 40 MM, All Types **Aggregated Item Name:** 40 MM, All Types

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|---|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| ASSEMBLE, AND PACK | | | | | | | | | | | | | | | | | | | |
| 12.2) BA35 PRODUCTION ENGINEERING | A | - | - | - | - | - | 0.368 | - | - | 0.457 | - | - | - | - | - | - | - | - | - |
| 12.3) BA35 QUALITY ASSURANCE | A | - | - | - | - | - | 0.145 | - | - | 0.155 | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 12) BA35, CTG, 40MM PRACTICE DAY/ NIGHT M1110</i> | | | | <i>0.000</i> | | | <i>16.501</i> | | | <i>22.782</i> | | | <i>0.000</i> | | | <i>0.000</i> | | | <i>0.000</i> |
| Total | | | | 133.366 | | | 109.329 | | | 92.848 | | | 16.201 | | | 5.963 | | | 22.164 |

Remarks:

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

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

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy **Date:** February 2012

| | | |
|---|---|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 | P-1 Line Item Nomenclature: 1050 - 40 MM, All Types | Aggregated Item Name: 40 MM, All Types |
|---|---|--|

| Cost Elements <small>(† indicates the presence of a P-21)</small> | O C O | FY | Contractor and Location | Contract Method and Type | Location of PCO | Award Date | Date of First Delivery | Qty <small>(Each)</small> | Unit Cost <small>(\$)</small> | Specs Avail Now? | Date Revsn Avail | RFP Issue Date |
|--|-------------|------|---|--------------------------|--------------------|------------|------------------------|------------------------------|----------------------------------|------------------|------------------|----------------|
| 12) BA35, CTG, 40MM PRACTICE DAY/NIGHT M1110 | | | | | | | | | | | | |
| 12.1) BA35 LOAD, ASSEMBLE, AND PACK | | 2011 | AMERICAN RHEINMETALL MUNITIONS / CAMDEN, AR | C / IDIQ | MCSC, QUANTICO, VA | Sep 2011 | Sep 2012 | 1,639,795 | 9.75 | Y | | |
| 12.1) BA35 LOAD, ASSEMBLE, AND PACK | | 2012 | AMERICAN RHEINMETALL MUNITIONS / CAMDEN, AR | C / IDIQ | MCSC, QUANTICO, VA | Apr 2012 | Apr 2013 | 1,809,761 | 10.04 | Y | | |
| 12.1) BA35 LOAD, ASSEMBLE, AND PACK | ✓ | 2012 | AMERICAN RHEINMETALL MUNITIONS / CAMDEN, AR | C / IDIQ | MCSC, QUANTICO, VA | Apr 2012 | Apr 2013 | 398,406 | 10.04 | Y | | |

Remarks:

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1050 - 40 MM, All Types **Aggregated Item Name:** 40 MM, All Types

| COST ELEMENTS Units in Thousands | | | | | | | Fiscal Year 2012 | | | | | | | | | | | | | Fiscal Year 2013 | | | | | | | | | | | |
|---------------------------------------|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| O C O | MFR Ref # | FY | SERVICE [‡] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2012 | | | | | | | | | | | | | Calendar Year 2013 | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| 8) B542, CTG, 40MM HEDP LNKD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8.1) B542 LOAD, ASSEMBLE, AND PACK C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 13 | 2010 | NAVY | 1291 | 0 | 1291 | - | - | 257.3 | - | - | 222.3 | - | - | 239.3 | - | - | - | 239.7 | - | 332.3 | | | | | | | | | | |
| | 13 | 2011 | NAVY | 422.8 | 0 | 422.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 242.6 | - | - | 180.2 | | | | | | | |
| ✓ | 13 | 2011 | NAVY | 604.6 | 0 | 604.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 75.85 | - | - | 256.1 | 272.6 | | | | |
| | 13 | 2012 | NAVY | 412.9 | 0 | 412.9 | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 412.9 | | | |
| ✓ | 13 | 2012 | NAVY | 114 | 0 | 114 | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 114 | | | |
| | 13 | 2013 | NAVY | 197.2 | 0 | 197.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 197.2 | | | |
| ✓ | 13 | 2013 | NAVY | 78.79 | 0 | 78.79 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 78.79 | | | |
| 8.2) B542 LOAD, ASSEMBLE, AND PACK C2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 14 | 2010 | NAVY | 1316 | 0 | 1316 | - | - | 42.37 | - | - | 268.6 | - | - | 300.1 | - | - | 123.2 | - | - | 129.8 | - | - | 93.72 | - | - | 358.5 | | | | |
| | 14 | 2011 | NAVY | 345.9 | 0 | 345.9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 100.9 | - | - | 194.6 | - | 50.36 | | | |
| ✓ | 14 | 2011 | NAVY | 494.7 | 0 | 494.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 144.3 | 350.3 | | | |
| | 14 | 2012 | NAVY | 337.8 | 0 | 337.8 | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 337.8 | | | |
| ✓ | 14 | 2012 | NAVY | 93.26 | 0 | 93.26 | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 93.26 | | | |
| | 14 | 2013 | NAVY | 161.4 | 0 | 161.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 161.4 | | | |
| ✓ | 14 | 2013 | NAVY | 64.45 | 0 | 64.45 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 64.45 | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | |

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1050 - 40 MM, All Types **Aggregated Item Name:** 40 MM, All Types

| COST ELEMENTS Units in Thousands | | | | | | | Fiscal Year 2014 | | | | | | | | | | Fiscal Year 2015 | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| O C O | MFR Ref # | FY | SERVICE [‡] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2014 | | | | | | | | | | Calendar Year 2015 | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| 8) B542, CTG, 40MM HEDP LNKD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8.1) B542 LOAD, ASSEMBLE, AND PACK C1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 13 | 2010 | NAVY | 1291 | 1291 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 13 | 2011 | NAVY | 422.8 | 422.8 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 13 | 2011 | NAVY | 604.6 | 331.9 | 272.6 | - | - | 256.1 | 16.58 | | | | | | | | | | | | | | | | | | | | | |
| | 13 | 2012 | NAVY | 412.9 | 0 | 412.9 | - | - | - | 49.03 | 66.89 | 66.89 | 66.89 | 66.89 | 66.89 | 29.38 | | | | | | | | | | | | | | | |
| ✓ | 13 | 2012 | NAVY | 114 | 0 | 114 | - | - | - | 13.54 | 18.46 | 18.47 | 18.47 | 18.46 | 18.47 | 8.108 | | | | | | | | | | | | | | | |
| | 13 | 2013 | NAVY | 197.2 | 0 | 197.2 | - | - | - | - | - | - | - | - | - | - | 17.92 | 17.93 | 17.93 | 17.93 | 17.92 | 17.93 | 17.93 | 17.93 | 17.92 | 17.93 | 17.94 | | | | |
| ✓ | 13 | 2013 | NAVY | 78.79 | 0 | 78.79 | - | - | - | - | - | - | - | - | - | - | 7.188 | 7.16 | 7.16 | 7.16 | 7.16 | 7.16 | 7.16 | 7.16 | 7.16 | 7.16 | 7.16 | | | | |
| 8.2) B542 LOAD, ASSEMBLE, AND PACK C2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 14 | 2010 | NAVY | 1316 | 1316 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 14 | 2011 | NAVY | 345.9 | 345.9 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 14 | 2011 | NAVY | 494.7 | 144.3 | 350.3 | - | - | 194.6 | - | - | 155.7 | | | | | | | | | | | | | | | | | | | |
| | 14 | 2012 | NAVY | 337.8 | 0 | 337.8 | - | - | - | 45.92 | 50.86 | 50.87 | 50.87 | 50.86 | 50.86 | 37.57 | | | | | | | | | | | | | | | |
| ✓ | 14 | 2012 | NAVY | 93.26 | 0 | 93.26 | - | - | - | 12.82 | 14.01 | 14.02 | 14.01 | 14.01 | 24.39 | | | | | | | | | | | | | | | | |
| | 14 | 2013 | NAVY | 161.4 | 0 | 161.4 | - | - | - | - | - | - | - | - | - | - | 11.95 | 11.95 | 11.95 | 11.95 | 11.95 | 11.95 | 11.95 | 11.95 | 11.95 | 11.95 | 29.9 | | | | |
| ✓ | 14 | 2013 | NAVY | 64.45 | 0 | 64.45 | - | - | - | - | - | - | - | - | - | - | 4.82 | 4.77 | 4.77 | 4.77 | 4.77 | 4.77 | 4.77 | 4.77 | 4.77 | 4.77 | 4.77 | 11.93 | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | |

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

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

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

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

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

P-1 Line Item Nomenclature:
1083 - 60 MM, All Types

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

| Resource Summary | Prior Years | FY 2011 | FY 2012 | FY 2013 Base | FY 2013 OCO | FY 2013 Total | FY 2014 | FY 2015 | FY 2016 | FY 2017 | To Complete | Total |
|--|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|-------------|--------|
| Procurement Quantity (Each) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (\$ in Millions) | 27.234 | 28.041 | 11.925 | - | - | - | - | - | - | - | 0.000 | 67.200 |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 27.234 | 28.041 | 11.925 | - | - | - | - | - | - | - | 0.000 | 67.200 |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 27.234 | 28.041 | 11.925 | - | - | - | - | - | - | - | 0.000 | 67.200 |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Initial Spares (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

The Cartridge, 60mm High Explosive M888 (DODIC B643) is a high explosive cartridge for use in the 60mm M224 Lightweight Company Mortar System. It is intended for use against personnel and light materiel targets.

The Cartridge, 60mm High Explosive M720A1 (DODIC BA16) with M734A1 Multi-Option Fuze (MOFA) is a high explosive round for use in the M224 Lightweight Company Mortar System. It is intended for use against personnel and light materiel targets.

The Cartridge, 60mm Mortar Anti-Personnel Anti-Materiel (DODIC BA29) with M734A1 Multi-Option Fuze is a high explosive round utilizing a shell body liner consisting of tungsten balls in an epoxy matrix to increase lethality.

| Item Schedule | | Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | | |
|---------------------------------------|-----------|-------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|
| Item Nomenclature* | Exhibits | ID CD | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| 60 MM, All Types (See enclosed P-40A) | P40A, P5A | | | | 27.234 | | | 28.041 | | | 11.925 | | | 0.000 | | | 0.000 | | | 0.000 |
| Total Gross/Weapon System Cost | | | | | 27.234 | | | 28.041 | | | 11.925 | | | - | | | - | | | - |

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

Justification:

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1083 - 60 MM, All Types **Aggregated Item Name:** 60 MM, All Types

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

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

Appropriation / Budget Activity / Budget Sub Activity:
1508N / BA 2 / BSA 1

P-1 Line Item Nomenclature:
1083 - 60 MM, All Types

Aggregated Item Name:
60 MM, All Types

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1083 - 60 MM, All Types **Aggregated Item Name:** 60 MM, All Types

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

Remarks:

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

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

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy **Date:** February 2012

| | | |
|---|---|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 | P-1 Line Item Nomenclature: 1083 - 60 MM, All Types | Aggregated Item Name: 60 MM, All Types |
|---|---|--|

| Cost Elements <small>(† indicates the presence of a P-21)</small> | O C O | FY | Contractor and Location | Contract Method and Type | Location of PCO | Award Date | Date of First Delivery | Qty <small>(Each)</small> | Unit Cost <small>(\$)</small> | Specs Avail Now? | Date Revsn Avail | RFP Issue Date |
|--|-------------|------|-------------------------------------|--------------------------|-----------------------|------------|------------------------|------------------------------|----------------------------------|------------------|------------------|----------------|
| 3) BA29, CARTRIDGE, 60MM MAPAM | | | | | | | | | | | | |
| 3.1) BA29 LOAD, ASSEMBLE AND PACK (LAP) | | 2010 | PINE BLUFF ARSENAL / PINE BLUFF, AR | PO | PICATINNY ARSENAL, NJ | Mar 2011 | Mar 2014 | 500 | 115.00 | Y | | |

Remarks:
⁽¹⁾The Army provided FY10 Prior Year total quantity of BA16 of 180,000 cartridges. They did not provide the cost and the break out by year.

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

| | |
|---|---|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition | P-1 Line Item Nomenclature: 1091 - 81 MM, All Types |
|---|---|

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

| Resource Summary | Prior Years | FY 2011 | FY 2012 | FY 2013 Base | FY 2013 OCO | FY 2013 Total | FY 2014 | FY 2015 | FY 2016 | FY 2017 | To Complete | Total |
|--|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|-------------|------------|
| Procurement Quantity (Each) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (\$ in Millions) | 15.683 | 68.628 | 42.615 | 13.711 | - | 13.711 | 11.732 | 50.237 | 11.925 | 15.027 | Continuing | Continuing |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 15.683 | 68.628 | 42.615 | 13.711 | - | 13.711 | 11.732 | 50.237 | 11.925 | 15.027 | Continuing | Continuing |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 15.683 | 68.628 | 42.615 | 13.711 | - | 13.711 | 11.732 | 50.237 | 11.925 | 15.027 | Continuing | Continuing |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Initial Spares (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

Base Appropriations Request:

The Cartridge, 81mm High Explosive (HE) M821/M821A2 (DODIC C868) with Multi-Option Fuze M734 is a high explosive round developed for use in the M252 Improved 81mm Mortar System. It is intended for use against personnel and light materiel targets.

The cartridge, 81mm HE M889/M889A1 (DODIC C869) with Point Detonating Fuze M935 is a high explosive round developed for use in the M252 Improved 81mm Mortar System. It is intended for use against personnel and light materiel targets.

The Cartridge, 81mm Smoke Red Phosphorus (RP) M819 with Mechanical Time Super-Quick Fuze M772 (DODIC C870) is a smoke screen round developed for use in the 81mm M252 Mortar System.

The Cartridge, 81mm Illuminating M853A1 (DODIC C871) with Mechanical Time Super-Quick Fuze (MTSQ) M772 is an illuminating round developed for use in the 81mm M252 Mortar System. It is intended for illuminating a desired point or area.

[P40A / C875, CTG, 81MM FRPC]: The Cartridge, 81mm Practice M879 (DODIC C875) is a full-range training round developed for use in the 81mm M252 Mortar System. The complete round consists of an inert loaded projectile body, a point detonating (PD) (practice) fuze, a fin assembly, four propellant increments, obturating ring, and ignition cartridge (with integral primer). The ignition cartridge has a percussion primer and is assembled to the end of the fin assembly. The propelling charge is contained in four horseshoe-shaped nitrocellulose containers and assembled around the fin assembly shaft.

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1091 - 81 MM, All Types **Aggregated Item Name:** 81 MM, All Types

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1091 - 81 MM, All Types **Aggregated Item Name:** 81 MM, All Types

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1091 - 81 MM, All Types **Aggregated Item Name:** 81 MM, All Types

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|---|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| † 3.11) C870 81MM SMOKE BODY TUBE | A | - | - | - | - | - | - | 39.51 | 6,125 | 0.242 | - | - | - | - | - | - | - | - | - |
| 3.12) C870 PRODUCTION ENGINEERING | A | - | - | - | - | - | 0.714 | - | - | 0.655 | - | - | - | - | - | - | - | - | - |
| 3.13) C870 QUALITY ASSURANCE | A | - | - | - | - | - | - | - | - | 0.006 | - | - | - | - | - | - | - | - | - |
| 3.14) C870 ACCEPTANCE TESTING | A | - | - | - | - | - | - | - | - | 0.050 | - | - | - | - | - | - | - | - | - |
| 3.15) C870 EPA - COST OF STEEL | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3.16) C870 EPA - CURRENCY FLUCTUATIONS | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 3) C870, CTG, 81MM SMOKE RP</i> | | | | <i>0.000</i> | | | <i>0.714</i> | | | <i>4.854</i> | | | <i>0.000</i> | | | <i>0.000</i> | | | <i>0.000</i> |
| 4) C871, CTG, 81MM ILLUM | | | | | | | | | | | | | | | | | | | |
| 4.1) C871 LOAD, ASSEMBLE, AND PACK | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.2) C871 METAL CONTAINER PA157 | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.3) C871 FIBER CONTAINER | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.4) C871 FIN ASSEMBLY M29 | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.5) C871 PROP CHARGE M219 | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.6) C871 IGN CARTRIDGE | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.7) C871 TAIL CONE ASSEMBLY | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.8) C871 BODY TUBE ASSEMBLY | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.9) C871 ILLUM CANDLE VL | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.10) C871 FUZE MTSQ M772 | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1091 - 81 MM, All Types **Aggregated Item Name:** 81 MM, All Types

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|---|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| 4.11) C871 PARACHUTE 81MM | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.12) C871 PRODUCTION ENGINEERING | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.13) C871 QUALITY ASSURANCE | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.14) C871 ACCEPTANCE TESTING | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.15) New Cost Element | | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 4) C871, CTG, 81MM ILLUM</i> | | | | <i>0.000</i> | | | <i>0.000</i> | | | <i>0.000</i> | | | <i>0.000</i> | | | <i>0.000</i> | | | <i>0.000</i> |
| 5) C875, CTG, 81MM FRPC | | | | | | | | | | | | | | | | | | | |
| 5.1) C875 LOAD, ASSEMBLE, AND PACK | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5.2) C875 FUZE PRACTICE M781 | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5.3) C875 SHELL BODY | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5.4) C875 IGN CTG M299 | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5.5) C875 CHG PROP M220 | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5.6) C875 FIN MORTAR CTG M24 | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5.7) C875 QUALITY ASSURANCE | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5.8) C875 ACCEPTANCE TESTING | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 5) C875, CTG, 81MM FRPC</i> | | | | <i>0.000</i> | | | <i>0.000</i> | | | <i>0.000</i> | | | <i>0.000</i> | | | <i>0.000</i> | | | <i>0.000</i> |
| Total | | | | 15.683 | | | 68.628 | | | 42.615 | | | 13.711 | | | 0.000 | | | 13.711 |

Remarks:

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

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

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy **Date:** February 2012

| | | |
|---|---|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 | P-1 Line Item Nomenclature: 1091 - 81 MM, All Types | Aggregated Item Name: 81 MM, All Types |
|---|---|--|

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

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

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy **Date:** February 2012

| | | |
|---|---|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 | P-1 Line Item Nomenclature: 1091 - 81 MM, All Types | Aggregated Item Name: 81 MM, All Types |
|---|---|--|

| Cost Elements <small>(† indicates the presence of a P-21)</small> | O C O | FY | Contractor and Location | Contract Method and Type | Location of PCO | Award Date | Date of First Delivery | Qty <small>(Each)</small> | Unit Cost <small>(\$)</small> | Specs Avail Now? | Date Revsn Avail | RFP Issue Date |
|--|-------------|------|-------------------------------------|--------------------------|---------------------|------------|------------------------|------------------------------|----------------------------------|------------------|------------------|----------------|
| 3.4) C870 GAMS | | 2012 | TO BE SELECTED / UNKNOWN | C / FFP | PICATINNY ARSENAL | Mar 2012 | Jan 2013 | 12,246 | 18.21 | Y | | |
| 3.5) C870 81MM SMOKE TAIL CONE | | 2012 | TO BE SELECTED / UNKNOWN | C / FFP | PICATINNY ARSENAL | Mar 2012 | Sep 2013 | 6,142 | 15.63 | Y | | |
| 3.6) C870 FIN ASSEMBLY M28 | | 2012 | GAYSTON CORP / SPRINGSBORO, OH | C / FFP | PICATINNY ARSENAL | Mar 2012 | Sep 2013 | 6,110 | 17.02 | Y | | |
| 3.7) C870 PROP CHARGE M218 | | 2012 | TO BE SELECTED / UNKNOWN | C / FFP | ROCK ISLAND ARSENAL | Oct 2012 | Sep 2013 | 24,439 | 8.02 | Y | | |
| 3.8) C870 IGN CARTRIDGE M752 | | 2012 | TO BE SELECTED / UNKNOWN | C / FFP | ROCK ISLAND ARSENAL | Nov 2012 | May 2013 | 6,138 | 20.04 | Y | | |
| 3.9) C870 RED PHOSPHORUS FILL | | 2012 | TO BE SELECTED / UNKNOWN | PO | ROCK ISLAND ARSENAL | Mar 2012 | Sep 2013 | 17,674 | 10.92 | Y | | |
| 3.10) C870 FUZE M772 | | 2012 | JUNGHANS MICROTECH GMBH / DENNINGEN | PO | ROCK ISLAND ARSENAL | Mar 2012 | Nov 2013 | 6,118 | 229.01 | Y | | |
| 3.11) C870 81MM SMOKE BODY TUBE | | 2012 | TO BE SELECTED / UNKNOWN | C / FFP | PICATINNY ARSENAL | Mar 2012 | Sep 2013 | 6,125 | 39.51 | Y | | |

Remarks:

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1091 - 81 MM, All Types **Aggregated Item Name:** 81 MM, All Types

| COST ELEMENTS Units in Thousands | | | | | | | Fiscal Year 2012 | | | | | | | | | | | | | | Fiscal Year 2013 | | | | | | | | | | | | | | |
|-------------------------------------|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------|--|--|--|-------------|
| O C O | MFR Ref # | FY | SERVICE [‡] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2012 | | | | | | | | | | | | | | Calendar Year 2013 | | | | | | | | | | | | | | B A L |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | | | | |
| | 21 | 2013 | NAVY | 13.9 | 0 | 13.9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | A | - | - | - | - | - | - | - | - | - | 13.9 | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | | | | |

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1091 - 81 MM, All Types **Aggregated Item Name:** 81 MM, All Types

| COST ELEMENTS Units in Thousands | | | | | | | Fiscal Year 2014 | | | | | | | | | | | | | Fiscal Year 2015 | | | | | | | | | | | |
|---|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| O C O | MFR Ref # | FY | SERVICE [±] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2014 | | | | | | | | | | | | | Calendar Year 2015 | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| 1) C868, CTG, 81MM HE W/M734A1 MOF FUZE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1) C868 LOAD, ASSEMBLE, AND PACK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 15 | 2010 | NAVY | 279.7 | 279.7 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 15 | 2011 | NAVY | 14.62 | 14.62 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 15 | 2011 | NAVY | 17.34 | 17.34 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 16 | 2012 | NAVY | 3.078 | 0 | 3.078 | - | - | - | - | - | 3.078 | | | | | | | | | | | | | | | | | | | |
| | 16 | 2013 | NAVY | 11.4 | 0 | 11.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11.4 | | | |
| 2) C869, CTG, 81MM HE W/M935 PD FUZE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1) C869 LOAD, ASSEMBLE, AND PACK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 17 | 2011 | NAVY | 124.6 | 20.76 | 103.8 | 10.38 | 10.38 | 10.38 | 10.38 | 10.38 | 10.38 | 10.38 | 10.38 | 10.38 | 10.4 | | | | | | | | | | | | | | | |
| ✓ | 17 | 2011 | NAVY | 80.37 | 13.39 | 66.98 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.69 | 6.7 | 6.7 | 6.69 | 6.699 | | | | | | | | | | | | | | | |
| | 17 | 2012 | NAVY | 20.83 | 0 | 20.83 | - | - | - | - | - | 1.73 | 1.74 | 1.73 | 1.73 | 1.74 | 1.74 | 1.74 | 1.73 | 1.74 | 1.73 | 1.74 | 1.735 | | | | | | | | |
| ✓ | 17 | 2012 | NAVY | 76.2 | 0 | 76.2 | - | - | - | - | - | 6.36 | 6.35 | 6.35 | 6.35 | 6.34 | 6.35 | 6.35 | 6.35 | 6.35 | 6.35 | 6.35 | 6.35 | | | | | | | | |
| | 17 | 2013 | NAVY | 13.49 | 0 | 13.49 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1.13 | 1.12 | 1.12 | 1.13 | 1.12 | 1.12 | 1.12 | 5.625 |
| 2.6) C869 SHELL BODY, 81MM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 18 | 2011 | NAVY | 83.58 | 83.58 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 18 | 2012 | NAVY | 20.89 | 8 | 12.89 | 8 | 4.89 | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 18 | 2012 | NAVY | 79.25 | 13 | 66.25 | 13 | 13 | 13 | 13 | 14.25 | | | | | | | | | | | | | | | | | | | | |
| | 18 | 2013 | NAVY | 14.03 | 0 | 14.03 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 14.03 | | | |
| | 19 | 2011 | NAVY | 129.6 | 129.6 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.9) C869 IMX-104 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20 | 2012 | NAVY | 62.5 | 0 | 62.5 | - | 31.25 | 31.25 | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 20 | 2012 | NAVY | 228.6 | 0 | 228.6 | - | 48.74 | 48.74 | 48.74 | 48.74 | 33.63 | | | | | | | | | | | | | | | | | | | |
| | 20 | 2013 | NAVY | 43.81 | 0 | 43.81 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 43.81 | | | |
| 2.10) C869 M935 FUZE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 21 | 2011 | NAVY | 128.3 | 58.5 | 69.82 | 19.5 | 19.5 | 19.5 | 11.32 | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 21 | 2011 | NAVY | 83.57 | 0 | 83.57 | - | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 6.774 | | | | | | | | | | | | | | | | | |
| | 21 | 2012 | NAVY | 21.46 | 0 | 21.46 | - | 3.58 | 3.58 | 3.58 | 3.58 | 3.58 | 3.563 | | | | | | | | | | | | | | | | | | |
| ✓ | 21 | 2012 | NAVY | 78.49 | 0 | 78.49 | - | - | - | 13.08 | 13.08 | 13.08 | 13.08 | 13.08 | 13.09 | | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |

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

| | | |
|---|---|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 | P-1 Line Item Nomenclature: 1091 - 81 MM, All Types | Aggregated Item Name: 81 MM, All Types |
|---|---|--|

| COST ELEMENTS Units in Thousands | | | | | | | Fiscal Year 2014 | | | | | | | | | | | | | Fiscal Year 2015 | | | | | | | | | | | | |
|-------------------------------------|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|---|---|---|---|---|---|---|---|---|---|---|------|--------------------|---|---|---|---|---|---|---|---|---|---|---|-------------|
| O C O | MFR Ref # | FY | SERVICE [±] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2014 | | | | | | | | | | | | | Calendar Year 2015 | | | | | | | | | | | | B A L |
| | | | | | | | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | | |
| | | | | | | | C | O | E | A | E | A | P | A | U | U | U | E | C | O | V | E | A | E | A | P | A | U | U | U | E | |
| | 21 | 2013 | NAVY | 13.9 | 0 | 13.9 | - | - | - | - | - | - | - | - | - | - | - | - | 13.9 | | | | | | | | | | | | | |
| | | | | | | | O | N | D | J | F | M | A | M | J | J | A | S | O | N | D | J | F | M | A | M | J | J | A | S | | |
| | | | | | | | C | O | E | A | E | A | P | A | U | U | U | E | C | O | V | E | A | E | A | P | A | U | U | U | E | P |

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1091 - 81 MM, All Types **Aggregated Item Name:** 81 MM, All Types

| COST ELEMENTS Units in Thousands | | | | | | | Fiscal Year 2016 | | | | | | | | | | Fiscal Year 2017 | | | | | | | | | | | | | | |
|---|--------------|----|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| O C O | MFR Ref # | FY | SERVICE [±] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2016 | | | | | | | | | | Calendar Year 2017 | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| 1) C868, CTG, 81MM HE W/M734A1 MOF FUZE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1) C868 LOAD, ASSEMBLE, AND PACK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 15 | 2010 | NAVY | 279.7 | 279.7 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 15 | 2011 | NAVY | 14.62 | 14.62 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | | 15 | 2011 | NAVY | 17.34 | 17.34 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 16 | 2012 | NAVY | 3.078 | 3.078 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 16 | 2013 | NAVY | 11.4 | 11.4 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 2) C869, CTG, 81MM HE W/M935 PD FUZE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1) C869 LOAD, ASSEMBLE, AND PACK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 17 | 2011 | NAVY | 124.6 | 124.6 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | | 17 | 2011 | NAVY | 80.37 | 80.37 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 17 | 2012 | NAVY | 20.83 | 20.83 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | | 17 | 2012 | NAVY | 76.2 | 76.2 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 17 | 2013 | NAVY | 13.49 | 7.86 | 5.625 | 1.13 | 1.12 | 1.12 | 1.13 | 1.125 | | | | | | | | | | | | | | | | | | | |
| 2.6) C869 SHELL BODY, 81MM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | | 18 | 2011 | NAVY | 83.58 | 83.58 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 18 | 2012 | NAVY | 20.89 | 20.89 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | | 18 | 2012 | NAVY | 79.25 | 79.25 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 18 | 2013 | NAVY | 14.03 | 14.03 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 19 | 2011 | NAVY | 129.6 | 129.6 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.9) C869 IMX-104 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 20 | 2012 | NAVY | 62.5 | 62.5 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | | 20 | 2012 | NAVY | 228.6 | 228.6 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 20 | 2013 | NAVY | 43.81 | 43.81 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.10) C869 M935 FUZE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 21 | 2011 | NAVY | 128.3 | 128.3 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | | 21 | 2011 | NAVY | 83.57 | 83.57 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 21 | 2012 | NAVY | 21.46 | 21.46 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | | 21 | 2012 | NAVY | 78.49 | 78.49 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P |

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1091 - 81 MM, All Types **Aggregated Item Name:** 81 MM, All Types

| COST ELEMENTS Units in Thousands | | | | | | Fiscal Year 2016 | | | | | | | | | | | | | Fiscal Year 2017 | | | | | | | | | | | | | |
|-------------------------------------|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|
| O C O | MFR Ref # | FY | SERVICE [‡] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2016 | | | | | | | | | | | | | Calendar Year 2017 | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L | |
| | 21 | 2013 | NAVY | 13.9 | 13.9 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | |

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

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

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

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

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

P-1 Line Item Nomenclature:
 1121 - 120 MM, All Types

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

| Resource Summary | Prior Years | FY 2011 | FY 2012 | FY 2013 Base | FY 2013 OCO | FY 2013 Total | FY 2014 | FY 2015 | FY 2016 | FY 2017 | To Complete | Total |
|--|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|-------------|------------|
| Procurement Quantity (Each) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (\$ in Millions) | 58.528 | 106.601 | 20.614 | 12.557 | 11.605 | 24.162 | 37.412 | 32.913 | 36.053 | 34.289 | Continuing | Continuing |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 58.528 | 106.601 | 20.614 | 12.557 | 11.605 | 24.162 | 37.412 | 32.913 | 36.053 | 34.289 | Continuing | Continuing |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 58.528 | 106.601 | 20.614 | 12.557 | 11.605 | 24.162 | 37.412 | 32.913 | 36.053 | 34.289 | Continuing | Continuing |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Initial Spares (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

Base Appropriation Request:

The Cartridge, 120mm Target Practice Cone Stabilized Discarding Sabot with Tracer (TPCSDS-T) M865 (DODIC C785) is a kinetic energy, target practice round for use with the 120mm smooth bore M256 Cannon. It is designed to simulate the service round characteristics at reduced maximum ranges to allow the practice firings on short range proving grounds and training areas.

The XM1002 Target Practice Multi-Purpose Cartridge with Tracer (TPMP-T) (DODIC CA31), 120mm Cartridge is a Training Cartridge for the tactical M830A1 HEAT-MP-T Cartridge.

The Cartridge, 120mm, Multi-Purpose, High Explosive (HE), Traced (MPHE-T) (DODIC CA57) is an all-up-item and full caliber, 120mm cartridge with a high explosive filled projectile and a combustible cartridge case. The cartridge is functioned by receiving electronic data thru a databus from the M1A1 Tank fire control system setting the appropriate fuze mode and then fired by receiving an electrical pulse to the electric primer, igniting the propellant/combustible case and launching the projectile. It is made up of a programmable fuze, steel projectile, tungsten pellets, High Explosive fill, tracer, combustible case, steel base cap, electric primer. It's external configuration consists of a bronze green ballistic hood/probe, bronze green projectile color, silver combustible case; consistent with current current ammunition color schemes

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

The M1101 Cartridge, 120mm Mortar, High Explosive (HE) (DODIC CA45) is designed for use with the EFSS 120mm Mortar System. The M1101 ammunition is used in the 120mm rifled towed mortar M327 and is a spin stabilized round. The round is used against personnel and materiel providing both fragmentation and blast effect. It contains a propulsion system consisting of a detachable metal tail charge assembly (TCA), 11 propellant increment bags, double base flake propellant primer and a TCA ejection charge. The projectile consists of a naturally fragmenting steel body, plastic gas ring and an M767A1 fuze.

The M1105 Cartridge, 120mm Mortar, Illumination (DODIC CA46) is designed for use with the EFSS 120mm Mortar System. The M1105 ammunition is used in the 120mm rifled towed mortar M327 and is a spin stabilized round. It is a visible illuminant round used to provide battlefield illumination of a desired point or area. It contains a propulsion system consisting of a detachable metal tail charge assembly

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

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

P-1 Line Item Nomenclature:
 1121 - 120 MM, All Types

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

(TCA), 11 propellant increment bags, dougble base flake propellant primer and a TCA ejection charge. It has a main parachute, brake parachute, and an illuminating ignition charge. The projectile consists of a steel body, plastic gas ring and an M762A1 fuze.

The XM1103 Cartridge, 120mm Mortar, White Phosphorus (WP) (DODIC CA49) is designed for use with the EFSS 120mm Mortar System. The M1103 ammunition is used in the 120mm rifled towed mortar M327 and is a spin stabilized round. The round is a WP smoke round used to obscure the battlefield and also poses a fragmentation hazard. It contains a propulsion system consisting of a detachable metal tail charge assembly (TCA), 11 propellant increment bags, dougble base flake propellant primer and a TCA ejection charge. The projectile consists of a steel body, plastic gas ring and an M767A1 fuze.

FY13 Overseas Contingency Operations Request (OCO):

DODIC CA45, \$11.605. Lack of funding to replace combat expenditures will further erode the USMC's WRMR stockpile and negatively affect our ability to execute another MCO, if required.

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

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

Justification:

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1121 - 120 MM, All Types **Aggregated Item Name:** 120 MM, All Types

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|---|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| 1) C785, CTG, 120MM TPCSDS-T M865 | | | | | | | | | | | | | | | | | | | |
| † 1.1) C785 COMPLETE ROUND M865 | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.2) C785 ACCEPTANCE TESTING | A | - | - | 0.153 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.3) C785 PRODUCTION ENGINEERING | A | - | - | 0.174 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.4) C785 QUALITY ASSURANCE | A | - | - | 0.001 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.5) C785 NONRECURRING | A | - | - | 1.752 | - | - | - | - | - | 0.534 | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 1) C785, CTG, 120MM TPCSDS-T M865</i> | | | | <i>2.080</i> | | | <i>0.000</i> | | | <i>0.534</i> | | | <i>0.000</i> | | | <i>0.000</i> | | | <i>0.000</i> |
| 2) CA31, CTG, 120MM TPMP-T M1002 | | | | | | | | | | | | | | | | | | | |
| † 2.1) CA31 COMPLETE ROUND | A | - | - | 21.680 | 1,531.00 | 6,516 | 9.976 | 3,284.00 | 3,768 | 12.374 | - | - | - | - | - | - | - | - | - |
| † 2.2) CA31 COMPLETE ROUND (2) | A | - | - | 12.085 | 1,540.51 | 5,924 | 9.126 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.3) CA31 ACCEPTANCE TESTING | A | - | - | 0.255 | - | - | 0.305 | - | - | 0.089 | - | - | - | - | - | - | - | - | - |
| 2.4) CA31 PRODUCTION ENGINEERING | A | - | - | 0.530 | - | - | 1.267 | - | - | 0.385 | - | - | - | - | - | - | - | - | - |
| 2.5) CA31 QUALITY ASSURANCE | A | - | - | 0.003 | - | - | 0.006 | - | - | 0.002 | - | - | - | - | - | - | - | - | - |
| 2.6) CA31 REMAINDER | A | - | - | 0.017 | - | - | 0.002 | - | - | 0.001 | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 2) CA31, CTG, 120MM TPMP-T M1002</i> | | | | <i>34.570</i> | | | <i>20.682</i> | | | <i>12.851</i> | | | <i>0.000</i> | | | <i>0.000</i> | | | <i>0.000</i> |
| 3) CA57 CARTRIDGE, 120MM, MPHE | | | | | | | | | | | | | | | | | | | |
| 3.1) CA57 SYSTEM BUY | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1121 - 120 MM, All Types **Aggregated Item Name:** 120 MM, All Types

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|---|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| 8.1) DWGU ALL UP ROUND | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 8) DWGU 120MM MORTAR TAIL CHARGE ASSEMBLY</i> | | | | <i>0.000</i> | | | <i>0.000</i> | | | <i>0.000</i> | | | <i>0.000</i> | | | <i>0.000</i> | | | <i>0.000</i> |
| Total | | | | 58.528 | | | 106.601 | | | 20.614 | | | 12.557 | | | 11.605 | | | 24.162 |

Remarks:

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

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy **Date:** February 2012

| | | |
|---|--|---|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 | P-1 Line Item Nomenclature: 1121 - 120 MM, All Types | Aggregated Item Name: 120 MM, All Types |
|---|--|---|

| Cost Elements <small>(† indicates the presence of a P-21)</small> | O C O | FY | Contractor and Location | Contract Method and Type | Location of PCO | Award Date | Date of First Delivery | Qty <small>(Each)</small> | Unit Cost <small>(\$)</small> | Specs Avail Now? | Date Revsn Avail | RFP Issue Date |
|--|-------------|------|---------------------------------------|--------------------------|-----------------|------------|------------------------|------------------------------|----------------------------------|------------------|------------------|----------------|
| †4.1) EFSS AMMUNITION UNDER DEVELOPMENT | ✓ | 2011 | GENERAL DYNAMICS / ST PETERSBURG, FL | C / FFP | MCSC | Jan 2011 | Aug 2012 | 17,374 | 4,826.32 | Y | | |
| †4.1) EFSS AMMUNITION UNDER DEVELOPMENT | ✓ | 2012 | GENERAL DYNAMICS / ST PETERSBURG, FL | C / FFP | MCSC | Jan 2012 | Aug 2013 | 1,454 | 4,970.43 | Y | | |
| 5) CA45 HIGH EXPLOSIVE CARTRIDGE M1101 | | | | | | | | | | | | |
| †5.1) CA45 ALL UP ROUND | | 2013 | GENERAL DYNAMICS / ST. PETERSBURG, FL | C / FFP | MCSC | Jan 2013 | Aug 2014 | 4,705 | 2,669.00 | Y | | |
| †5.1) CA45 ALL UP ROUND | ✓ | 2013 | GENERAL DYNAMICS / ST. PETERSBURG, FL | C / FFP | MCSC | Jan 2013 | Aug 2014 | 4,348 | 2,669.00 | Y | | |

Remarks:

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1121 - 120 MM, All Types **Aggregated Item Name:** 120 MM, All Types

| COST ELEMENTS Units in Thousands | | | | | | Fiscal Year 2011 | | | | | | | | | | | | | Fiscal Year 2012 | | | | | | | | | | | | | | | | |
|---|--------------|------|----------------------|-------------|-------------------------------------|--|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-------|-------|-------|
| O C O | MFR Ref # | FY | SERVICE [±] | PROC QTY | ACCEP T O 1 O C T | BAL DUE AS OF 1 O C T | Calendar Year 2011 | | | | | | | | | | | | | Calendar Year 2012 | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L | | | | |
| 2) CA31, CTG, 120MM TPMP-T M1002 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1) CA31 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 22 | 2010 | NAVY | 3.714 | 0 | 3.714 | - | - | - | - | - | - | - | - | .62 | 2.65 | - | - | - | - | - | - | - | - | - | - | .444 | | | | | | | | |
| ✓ | 22 | 2010 | NAVY | 10.69 | 0 | 10.69 | - | - | - | - | - | - | - | 5.31 | - | - | - | - | - | - | - | - | - | - | - | 5.382 | | | | | | | | | |
| | 22 | 2011 | NAVY | 2.46 | 0 | 2.46 | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | .21 | .21 | .21 | .21 | .21 | .21 | .21 | .21 | 0.99 | | |
| ✓ | 22 | 2011 | NAVY | 4.056 | 0 | 4.056 | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | .316 | .34 | .34 | .34 | .34 | .34 | .34 | .34 | 1.7 | | |
| | 23 | 2012 | NAVY | 2.55 | 0 | 2.55 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2.55 | | |
| ✓ | 23 | 2012 | NAVY | 1.218 | 0 | 1.218 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1.218 | | |
| 2.2) CA31 COMPLETE ROUND (2) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 24 | 2010 | NAVY | .87 | 0 | .87 | - | - | - | - | .36 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | .51 | | | | | | | | | |
| ✓ | 24 | 2010 | NAVY | 7.127 | 0 | 7.127 | - | - | - | - | 7.127 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| | 24 | 2011 | NAVY | .757 | 0 | .757 | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | .075 | .075 | .075 | .075 | .075 | .075 | .075 | .075 | 0.232 | |
| ✓ | 24 | 2011 | NAVY | 5.167 | 0 | 5.167 | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | .43 | .437 | .43 | .43 | .43 | .43 | .43 | .43 | 2.15 | |
| 4) EFSS, EXPEDITIONARY FIRE SUPPORT SYSTEM (EFSS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.1) EFSS AMMUNITION UNDER DEVELOPMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 25 | 2009 | NAVY | 11.98 | 0 | 11.98 | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11.98 | | | |
| ✓ | 25 | 2009 | NAVY | 6.682 | 0 | 6.682 | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.682 | | |
| | 25 | 2010 | NAVY | 3.815 | 0 | 3.815 | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3.146 | - | 0.669 |
| ✓ | 25 | 2010 | NAVY | .854 | 0 | .854 | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | .854 | | |
| ✓ | 25 | 2011 | NAVY | 17.37 | 0 | 17.37 | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | 15.37 |
| ✓ | 25 | 2012 | NAVY | 1.454 | 0 | 1.454 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1.454 | | |
| 5) CA45 HIGH EXPLOSIVE CARTRIDGE M1101 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.1) CA45 ALL UP ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 26 | 2013 | NAVY | 4.705 | 0 | 4.705 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4.705 | | |
| ✓ | 26 | 2013 | NAVY | 4.348 | 0 | 4.348 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4.348 | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | | | | |

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1121 - 120 MM, All Types **Aggregated Item Name:** 120 MM, All Types

| COST ELEMENTS Units in Thousands | | | | | | | Fiscal Year 2013 | | | | | | | | | | Fiscal Year 2014 | | | | | | | | | | | | | | |
|---|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| O C O | MFR Ref # | FY | SERVICE [±] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2013 | | | | | | | | | | Calendar Year 2014 | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| 2) CA31, CTG, 120MM TPMP-T M1002 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1) CA31 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 22 | 2010 | NAVY | 3.714 | 3.714 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 22 | 2010 | NAVY | 10.69 | 10.69 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 22 | 2011 | NAVY | 2.46 | 1.47 | .99 | .21 | .21 | .21 | .21 | .15 | | | | | | | | | | | | | | | | | | | | |
| ✓ | 22 | 2011 | NAVY | 4.056 | 2.356 | 1.7 | .34 | .34 | .34 | .34 | .34 | | | | | | | | | | | | | | | | | | | | |
| | 23 | 2012 | NAVY | 2.55 | 0 | 2.55 | - | - | .25 | .25 | .25 | .25 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .15 | | | | | | | | | | |
| ✓ | 23 | 2012 | NAVY | 1.218 | 0 | 1.218 | - | - | .11 | .108 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | |
| 2.2) CA31 COMPLETE ROUND (2) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 24 | 2010 | NAVY | .87 | .87 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 24 | 2010 | NAVY | 7.127 | 7.127 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 24 | 2011 | NAVY | .757 | .525 | .232 | .075 | .075 | .075 | .007 | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 24 | 2011 | NAVY | 5.167 | 3.017 | 2.15 | .43 | .43 | .43 | .43 | .43 | | | | | | | | | | | | | | | | | | | | |
| 4) EFSS, EXPEDITIONARY FIRE SUPPORT SYSTEM (EFSS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.1) EFSS AMMUNITION UNDER DEVELOPMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 25 | 2009 | NAVY | 11.98 | 11.98 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 25 | 2009 | NAVY | 6.682 | 6.682 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 25 | 2010 | NAVY | 3.815 | 3.146 | .669 | .669 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 25 | 2010 | NAVY | .854 | .854 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 25 | 2011 | NAVY | 17.37 | 2 | 15.37 | 4 | - | 4 | - | 4 | - | 3.374 | | | | | | | | | | | | | | | | | | |
| ✓ | 25 | 2012 | NAVY | 1.454 | 0 | 1.454 | - | - | - | - | - | - | - | - | - | - | 1 | - | .454 | | | | | | | | | | | | |
| 5) CA45 HIGH EXPLOSIVE CARTRIDGE M1101 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.1) CA45 ALL UP ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 26 | 2013 | NAVY | 4.705 | 0 | 4.705 | - | - | - | A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 2.705 | | |
| ✓ | 26 | 2013 | NAVY | 4.348 | 0 | 4.348 | - | - | - | A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 2.348 | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |

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

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

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

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

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

P-1 Line Item Nomenclature:
1388 - CTG 25 MM, All Types

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

| Resource Summary | Prior Years | FY 2011 | FY 2012 | FY 2013 Base | FY 2013 OCO | FY 2013 Total | FY 2014 | FY 2015 | FY 2016 | FY 2017 | To Complete | Total |
|--|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|-------------|------------|
| Procurement Quantity (Each) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (\$ in Millions) | 0.002 | 3.914 | 4.691 | 0.000 | 2.831 | 2.831 | - | 3.370 | 1.379 | 1.421 | Continuing | Continuing |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 0.002 | 3.914 | 4.691 | 0.000 | 2.831 | 2.831 | - | 3.370 | 1.379 | 1.421 | Continuing | Continuing |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 0.002 | 3.914 | 4.691 | 0.000 | 2.831 | 2.831 | - | 3.370 | 1.379 | 1.421 | Continuing | Continuing |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Initial Spares (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

Base Appropriation Request:

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

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

FY13 Overseas Contingency Operations Request (OCO):

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

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

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| Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy | | Date: February 2012 |
| Appropriation / Budget Activity / Budget Sub Activity: 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition | | P-1 Line Item Nomenclature: 1388 - CTG 25 MM, All Types |
| ID Code (A=Service Ready, B=Not Service Ready) : A | Program Elements for Code B Items: | Other Related Program Elements: |

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

Justification:

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1388 - CTG 25 MM, All Types **Aggregated Item Name:** CTG 25 MM, All Types

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

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

| | | |
|---|---|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 | P-1 Line Item Nomenclature: 1388 - CTG 25 MM, All Types | Aggregated Item Name: CTG 25 MM, All Types |
|---|---|--|

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|--|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| Subtotal 2) A976, CTG, 25MM TP-T LINKED M793 | | | | 0.000 | | | 1.000 | | | 1.000 | | | 0.000 | | | 2.831 | | | 2.831 |
| Total | | | | 0.002 | | | 3.914 | | | 4.691 | | | 0.000 | | | 2.831 | | | 2.831 |

Remarks:

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

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

| | |
|---|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition | P-1 Line Item Nomenclature: 1468 - Grenades, All Types |
|---|--|

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

| Resource Summary | Prior Years | FY 2011 | FY 2012 | FY 2013 Base | FY 2013 OCO | FY 2013 Total | FY 2014 | FY 2015 | FY 2016 | FY 2017 | To Complete | Total |
|--|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|-------------|------------|
| Procurement Quantity (Each) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (\$ in Millions) | 16.735 | 11.374 | 19.363 | 7.634 | 2.359 | 9.993 | 13.669 | 48.890 | 14.020 | 13.969 | Continuing | Continuing |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 16.735 | 11.374 | 19.363 | 7.634 | 2.359 | 9.993 | 13.669 | 48.890 | 14.020 | 13.969 | Continuing | Continuing |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 16.735 | 11.374 | 19.363 | 7.634 | 2.359 | 9.993 | 13.669 | 48.890 | 14.020 | 13.969 | Continuing | Continuing |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Initial Spares (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

Base Appropriation Request Continued:

The Fuze, Hand Grenade Practice, w/ Conf Clip, M228 (DODIC G878) is a pyrotechnic delay-igniting fuze. The fuze is used with the Grenade, Hand Practice M69 (DODIC G811). The fuze contains a primer and a pyrotechnic delay column.

The Grenade, Hand Fragmentation w/ Conf Clip, M67 (DODIC G881) is used to supplement small arms fire against the enemy in close combat. The grenade produces casualties by high velocity projection of fragments in a uniform distribution pattern. The grenade body contains 6.5 ounces of Composition B high explosive. This grenade is fuzed with the M213 Pyrotechnic Delay-detonating fuze.

The Grenade, Hand Incendiary Thermite (TH-3) AN-M14 (DODIC G900) is used to provide a source of intense heat to destroy equipment. This incendiary hand grenade generates heat up to 4000 F. The grenade filler will burn for 30 to 45 seconds. It is filled with an incendiary mixture, TH-3, and First-Fire Mixture VII. This grenade is fuzed with the M201A1 Pyrotechnic Delay-igniting Fuze.

The Grenade, 66mm Smoke Screening (IR), Vehicle Launched MK 1 MOD 0 (DODIC GG24, formerly VIRSS) is used in the M257 Smoke Grenade Launcher installed on Tanks, AAV's, and LAVs. This 66mm Smoke Screening grenade will provide Infra-Red (IR) and visual smoke screening for armored/tactical vehicles and personal in combat as well as in training environments.

The Mine, Antipersonnel M18A1 Non-Electric (Shock Tube) initiation system (DODIC J007) is a fragmentation Anti-Personnel mine that contains 700 steel balls and 682 grams of composition C4 explosive. It is a command detonated mine that is activated by a blasting cap. The mine projects a fan shaped pattern of steel balls in a 60 arc at a height of 2 meters and cover a casualty radius of 100 meters.

The Riot Control Agent, CS (DODIC K765) is a riot control agent capsule that consists of ortho-chlorobenzylidene malano-nitrile. The capsules are used to demonstrate to trainees the protection effort afforded by properly fitted chemical-biological masks, and to demonstrate to unmasked trainees the effects of CS riot control agents.

The SPIDER, (DODIC's TS01, TS02, and TS04, formally-KSPD) is a hand-emplaced system that consists of three main hardware items: Munition Control Units (lethal and non-lethal), remote control and a repeater. SPIDER requires a man-in-the loop for system operation and activation of the lethal mechanism. With this feature, the Marine makes a conscious decision based on intelligence and rules of engagement to engage a target with a lethal mechanism. This prevents fratricide and addresses the humanitarian concerns.

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1468 - Grenades, All Types **Aggregated Item Name:** Grenades, All Types

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1468 - Grenades, All Types **Aggregated Item Name:** Grenades, All Types

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1468 - Grenades, All Types **Aggregated Item Name:** Grenades, All Types

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1468 - Grenades, All Types **Aggregated Item Name:** Grenades, All Types

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|--|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| 9.3) L305 PRODUCT ENGINEERING | A | - | - | 0.020 | - | - | 0.014 | - | - | 0.017 | - | - | - | - | - | - | - | - | - |
| 9.4) L305 QUALITY ASSURANCE | A | - | - | 0.003 | - | - | 0.001 | - | - | 0.001 | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 9) L305 SIGNAL, ILLUM GROUND GSP M195</i> | | | | 1.202 | | | 0.050 | | | 0.020 | | | 0.000 | | | 0.000 | | | 0.000 |
| 10) L311 SIGNAL, ILLUM GROUND RSP M126A1 | | | | | | | | | | | | | | | | | | | |
| † 10.1) L311 LOAD, ASSEMBLE AND PACK (LAP) | A | - | - | - | - | - | - | 60.89 | 624 | 0.038 | - | - | - | - | - | - | - | - | - |
| † 10.2) L311 BOX METAL M548 (EA) | A | - | - | - | - | - | - | 38.70 | 26 | 0.001 | - | - | - | - | - | - | - | - | - |
| 10.3) L311 PRODUCT ENGINEERING | A | - | - | - | - | - | - | - | - | 0.011 | - | - | - | - | - | - | - | - | - |
| 10.4) L311 QUALITY ASSURANCE | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 10) L311 SIGNAL, ILLUM GROUND RSP M126A1</i> | | | | 0.000 | | | 0.000 | | | 0.050 | | | 0.000 | | | 0.000 | | | 0.000 |
| 11) L314 SIGNAL, ILLUM GROUND GSC M125A1 | | | | | | | | | | | | | | | | | | | |
| 11.1) L314 LOAD, ASSEMBLE AND PACK (LAP) | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11.2) L314 BOX METAL M548 (EA) | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11.3) L314 PRODUCT ENGINEERING | A | - | - | 0.981 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 11.4) L314 QUALITY ASSURANCE | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 11) L314 SIGNAL, ILLUM GROUND GSC M125A1</i> | | | | 0.981 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 |
| 12) L594 SIMULATOR, PROJ | | | | | | | | | | | | | | | | | | | |

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

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1468 - Grenades, All Types **Aggregated Item Name:** Grenades, All Types

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|---|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| 19.1) TS02 ALL UP ROUND | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 19) TS02 (Formally KSPD)</i> | | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 |
| 20) TS04 (Formally KSPD) | | | | | | | | | | | | | | | | | | | |
| 20.1) TS04 ALL UP ROUND | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 20) TS04 (Formally KSPD)</i> | | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 |
| 21) YW33 GTR-18 SMOKEY SAM | | | | | | | | | | | | | | | | | | | |
| † 21.1) YW33 LOAD, ASSEMBLE AND PACK (LAP) | A | - | - | - | - | - | - | 172.18 | 8,195 | 1.411 | - | - | - | - | - | - | - | - | - |
| 21.2) YW33 PRODUCT ENGINEERING | A | - | - | 0.362 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 21.3) YW33 QUALITY ASSURANCE | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 21) YW33 GTR-18 SMOKEY SAM</i> | | | | 0.362 | | | 0.000 | | | 1.411 | | | 0.000 | | | 0.000 | | | 0.000 |
| Total | | | | 16.735 | | | 11.374 | | | 19.363 | | | 7.634 | | | 2.359 | | | 9.993 |

Remarks:

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

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

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

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy **Date:** February 2012

| | | |
|---|--|---|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 | P-1 Line Item Nomenclature: 1468 - Grenades, All Types | Aggregated Item Name: Grenades, All Types |
|---|--|---|

| Cost Elements <small>(† indicates the presence of a P-21)</small> | O C O | FY | Contractor and Location | Contract Method and Type | Location of PCO | Award Date | Date of First Delivery | Qty <small>(Each)</small> | Unit Cost <small>(\$)</small> | Specs Avail Now? | Date Revsn Avail | RFP Issue Date |
|--|-------------|------|---|--------------------------|-----------------|------------|------------------------|------------------------------|----------------------------------|------------------|------------------|----------------|
| 21.1) YW33 LOAD, ASSEMBLE AND PACK (LAP) | ✓ | 2012 | NSWC INDIAN HEAD DIV / Indian Head, MD | SS / FFP | JMC | Mar 2012 | Mar 2013 | 5,291 | 172.18 | Y | | Jan 2012 |

Remarks:

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1468 - Grenades, All Types **Aggregated Item Name:** Grenades, All Types

| COST ELEMENTS Units in Each | | | | | | | Fiscal Year 2014 | | | | | | | | | | Fiscal Year 2015 | | | | | | | | | | | | | |
|---|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| O C O | MFR Ref # | FY | SERVICE [‡] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2014 | | | | | | | | | | Calendar Year 2015 | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P |
| 4) GG24, (Formally VIRSS) GREN 66MM SSVL MK 1 MOD 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.1) GG24 GREN, 66MM SSVL MK 1 MOD 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 27 | 2013 | NAVY | 24865 | 0 | 24865 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 865 | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P |

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

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

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

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

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

P-1 Line Item Nomenclature:
1471 - Rockets, All Types

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

| Resource Summary | Prior Years | FY 2011 | FY 2012 | FY 2013 Base | FY 2013 OCO | FY 2013 Total | FY 2014 | FY 2015 | FY 2016 | FY 2017 | To Complete | Total |
|--|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|-------------|------------|
| Procurement Quantity (Each) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (\$ in Millions) | 21.204 | 30.796 | 31.334 | 27.528 | 3.051 | 30.579 | 66.791 | 64.272 | 43.254 | 78.819 | Continuing | Continuing |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 21.204 | 30.796 | 31.334 | 27.528 | 3.051 | 30.579 | 66.791 | 64.272 | 43.254 | 78.819 | Continuing | Continuing |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 21.204 | 30.796 | 31.334 | 27.528 | 3.051 | 30.579 | 66.791 | 64.272 | 43.254 | 78.819 | Continuing | Continuing |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Initial Spares (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

The Cartridge and Launcher, 84mm M136 AT(Anti-Tank)-4 (DODIC C995) is mainly employed against armored personnel carriers. However, it can be used against battle tanks when fired at the flanks or rear. It can also be employed as an assault weapon against bunkers, field fortifications, and other hard-point positions. Issued as one round of ammunition, the AT-4 tactical round is a self-contained, lightweight, disposable weapon.

The M72AS Trainer Rocket (DODIC HA21) is a 21mm Sub-Caliber practice rocket that fully simulates the M72A7 Tactical Rocket. The Trainer Rocket is used with the M72AS Trainer Launcher (E5002VIIB) which is the same tube as the Tactical Rocket but contains an insert for use with the 21mm sub-caliber munition.

The M72A7 Tactical Rocket, High Explosive, (DODIC HA29) is a lightweight, single shot, disposable weapon optimized to defeat light armored vehicles and other hard targets at close combat ranges.

The M72 AS Trainer Launcher is the weapon system that fires the HA21, 21mm training rocket.

The M72 Fire From Enclosure (FFE) Tactical Rocket, High Explosive, (DODIC HAX1) is a lightweight, single shot, disposable weapon optimized to defeat light armored vehicles and other hard targets at close combat ranges.

The M72 Fire From Enclosure Tactical Rocket, High Explosive, (DODIC HAX2) is a lightweight, single shot, disposable weapon optimized to defeat structures and other hard targets at close combat ranges.

The Rocket, 83mm Common Practice (CP) Shoulder Mounted Assault Weapon(SMAW) (DODIC HX07) Rocket is designed as a practice round for DODICs HX05, HA34 and HX06 SMAW rockets.

The Rocket, 83mm FFE, Follow on to SMAW (FOTS) Multi Purpose Round (DODIC FMPR) Rocket is designed as a lightweight, single shot, weapon optimized to defeat structures, hard targets and light armor threats at close combat ranges.

The Rocket, 83mm FFE, FOTS Practice Training round (DODIC FPTR) Rocket is designed as a practice round for DODICs FMPR,HX05, HA34 and HX06 SMAW rockets.

FY13 Overseas Contingency Operations Request:

DODIC HA29, \$3.051 Lack of funding to replace combat expenditures will further erode the USMC's WRMR stockpile and negatively affect our ability to execute another MCO, if required.

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

| | |
|---|---|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition | P-1 Line Item Nomenclature: 1471 - Rockets, All Types |
|---|---|

| | | |
|--|---|--|
| ID Code (A=Service Ready, B=Not Service Ready) : A | Program Elements for Code B Items: | Other Related Program Elements: |
| [P40A / HAX1 COMPLETE ROUND]: Round currently in qualification, no price data nor contractor information is available [P40A / HAX2 COMPLETE ROUND]: Round currently in qualification, no price data nor contractor information is available [P40A / FMPR COMPLETE ROUND]: Round currently in qualification, no price data nor contractor information is available [P40A / FPTR COMPLETE ROUND]: Round currently in qualification, no price data nor contractor information is available | | |

| Item Schedule | | Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | | |
|---|----------------|-------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|
| Item Nomenclature* | Exhibits | ID CD | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| Rockets, All Types (See enclosed P-40A) | P40A, P5A, P21 | | | | 21.204 | | | 30.796 | | | 31.334 | | | 27.528 | | | 3.051 | | | 30.579 |
| Total Gross/Weapon System Cost | | | | | 21.204 | | | 30.796 | | | 31.334 | | | 27.528 | | | 3.051 | | | 30.579 |

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

Justification:

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1471 - Rockets, All Types **Aggregated Item Name:** Rockets, All Types

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|---|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| † 6.1) C995 COMPLETE ROUND | A | - | - | 1.921 | 17.02 | 705 | 0.012 | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 6) C995 ROCKET, 84MM HEAA (AT-4)</i> | | | | 1.921 | | | 0.012 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 |
| 7) HX07 ROCKET, 83MM HEAA PRACTICE | | | | | | | | | | | | | | | | | | | |
| 7.1) HX07 COMPLETE ROUND | A | - | - | 2.604 | - | - | 0.080 | - | - | 1.388 | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 7) HX07 ROCKET, 83MM HEAA PRACTICE</i> | | | | 2.604 | | | 0.080 | | | 1.388 | | | 0.000 | | | 0.000 | | | 0.000 |
| 8) FMPR ROCKET, 83MM FFE MULTI PURPOSE ROUND | | | | | | | | | | | | | | | | | | | |
| 8.1) FMPR COMPLETE ROUND ⁽³⁾ | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 8) FMPR ROCKET, 83MM FFE MULTI PURPOSE ROUND</i> | | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 |
| 9) FPTR ROCKET, 83MM, FFE PRACTICE TRAINING ROUND | | | | | | | | | | | | | | | | | | | |
| 9.1) FPTR COMPLETE ROUND ⁽⁴⁾ | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 9) FPTR ROCKET, 83MM, FFE PRACTICE TRAINING ROUND</i> | | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 |
| Total | | | | 21.204 | | | 30.796 | | | 31.334 | | | 27.528 | | | 3.051 | | | 30.579 |

Remarks:
 (1) Round currently in qualification, no price data nor contractor information is available
 (2) Round currently in qualification, no price data nor contractor information is available
 (3) Round currently in qualification, no price data nor contractor information is available
 (4) Round currently in qualification, no price data nor contractor information is available

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1471 - Rockets, All Types **Aggregated Item Name:** Rockets, All Types

| COST ELEMENTS Units in Thousands | | | | | | Fiscal Year 2011 | | | | | | | | | | | | | Fiscal Year 2012 | | | | | | | | | | | | |
|--|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| O C O | MFR Ref # | FY | SERVICE [±] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2011 | | | | | | | | | | | | | Calendar Year 2012 | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| 1) HA21 ROCKET, TRAINER M72AS 21MM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1) HA21 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 28 | 2010 | NAVY | 13.64 | 0 | 13.64 | - | - | - | - | - | - | - | - | 13.64 | | | | | | | | | | | | | | | | |
| ✓ | 28 | 2010 | NAVY | 32.32 | 0 | 32.32 | - | - | - | - | - | - | - | - | 32.32 | | | | | | | | | | | | | | | | |
| | 28 | 2012 | NAVY | 13.52 | 0 | 13.52 | - | - | - | - | - | - | - | - | | | | | | | | | | | | | | 13.52 | | | |
| 2) HA29 ROCKET, 66MM HE M72A7 W/ GRAZE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1) HA29 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 29 | 2010 | NAVY | 3.064 | 0 | 3.064 | - | - | - | - | - | - | - | - | .256 | .256 | .256 | .256 | .256 | .256 | .256 | .256 | .256 | .256 | .248 | | | | | | |
| ✓ | 29 | 2010 | NAVY | 2.288 | 0 | 2.288 | - | - | - | - | - | - | - | - | .191 | .191 | .191 | .191 | .191 | .191 | .191 | .191 | .191 | .191 | .187 | | | | | | |
| | 29 | 2011 | NAVY | 3.629 | 0 | 3.629 | - | - | - | A - | - | - | - | - | | | | | | .303 | .303 | .303 | .303 | .303 | .303 | .303 | .303 | .296 | | | |
| ✓ | 29 | 2011 | NAVY | 7.515 | 0 | 7.515 | - | - | - | A - | - | - | - | - | | | | | | .625 | .625 | .625 | .625 | .625 | .625 | .625 | .625 | .64 | | | |
| | 29 | 2012 | NAVY | 3.828 | 0 | 3.828 | - | - | - | - | - | - | - | - | | | | | | - | A - | - | - | - | - | - | - | 3.828 | | | |
| ✓ | 29 | 2012 | NAVY | 7.269 | 0 | 7.269 | - | - | - | - | - | - | - | - | | | | | | - | A - | - | - | - | - | - | - | 7.269 | | | |
| ✓ | 29 | 2013 | NAVY | 1.138 | 0 | 1.138 | - | - | - | - | - | - | - | - | | | | | | - | - | - | - | - | - | - | - | 1.138 | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | |

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1471 - Rockets, All Types **Aggregated Item Name:** Rockets, All Types

| COST ELEMENTS Units in Thousands | | | | | | | Fiscal Year 2013 | | | | | | | | | | | | | Fiscal Year 2014 | | | | | | | | | | | |
|--|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| O C O | MFR Ref # | FY | SERVICE [±] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2013 | | | | | | | | | | | | | Calendar Year 2014 | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| 1) HA21 ROCKET, TRAINER M72AS 21MM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1) HA21 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 28 | 2010 | NAVY | 13.64 | 13.64 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 28 | 2010 | NAVY | 32.32 | 32.32 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 28 | 2012 | NAVY | 13.52 | 13.52 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2) HA29 ROCKET, 66MM HE M72A7 W/ GRAZE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1) HA29 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 29 | 2010 | NAVY | 3.064 | 3.064 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 29 | 2010 | NAVY | 2.288 | 2.288 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 29 | 2011 | NAVY | 3.629 | 3.629 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 29 | 2011 | NAVY | 7.515 | 7.515 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 29 | 2012 | NAVY | 3.828 | 0 | 3.828 | .319 | .319 | .319 | .319 | .319 | .319 | .319 | .319 | .319 | .319 | .319 | .319 | .319 | .319 | .319 | .319 | .319 | .319 | .319 | .319 | .319 | | | | |
| ✓ | 29 | 2012 | NAVY | 7.269 | 0 | 7.269 | .606 | .606 | .606 | .606 | .606 | .606 | .606 | .606 | .606 | .606 | .606 | .606 | .606 | .606 | .606 | .606 | .606 | .606 | .606 | .606 | .606 | | | | |
| ✓ | 29 | 2013 | NAVY | 1.138 | 0 | 1.138 | - | - | - | A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |

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

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

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

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

| | |
|---|---|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition | P-1 Line Item Nomenclature: 1473 - Artillery, All Types |
|---|---|

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

| Resource Summary | Prior Years | FY 2011 | FY 2012 | FY 2013 Base | FY 2013 OCO | FY 2013 Total | FY 2014 | FY 2015 | FY 2016 | FY 2017 | To Complete | Total |
|--|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|-------------|------------|
| Procurement Quantity (Each) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (\$ in Millions) | - | 293.707 | 79.529 | 93.065 | 54.886 | 147.951 | 39.127 | 9.475 | 122.188 | 41.008 | Continuing | Continuing |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | - | 293.707 | 79.529 | 93.065 | 54.886 | 147.951 | 39.127 | 9.475 | 122.188 | 41.008 | Continuing | Continuing |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | - | 293.707 | 79.529 | 93.065 | 54.886 | 147.951 | 39.127 | 9.475 | 122.188 | 41.008 | Continuing | Continuing |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Initial Spares (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

Baseline Appropriation Request:

The Cartridge, 40mm Blank Saluting (DODIC B550) is fired from a 40mm Saluting Gun and is used for ceremonial and training purposes. The cartridge contains flash charge designed to produce a loud report when fired. This cartridge consists of a cartridge case and primer. The cartridge case is a hollow cylinder containing a 50-gram black powder charge. The charge is sealed inside the cartridge case with a plug. A primer is pressed onto the base of the cartridge case.

The Cartridge, 40mm Blank Saluting (DODIC B650) is fired from a 40mm Saluting Gun and is used for ceremonial and training purposes. The cartridge contains flash charge designed to produce a loud report when fired. This cartridge consists of a cartridge case and primer. The cartridge case is a hollow cylinder containing a 200-gram black powder charge. The charge is sealed inside the cartridge case with a plug. A primer is pressed onto the base of the cartridge case. The Cartridge, 75mm Blank M337A2 (DODIC C025) consists of a cartridge case of brass or aluminum containing loosely packed black powder and a press-fitted percussion primer. A fiberglass wad is inserted over the black powder and a polystyrene closing cup is cemented in place with a polyester resin adhesive. The M337A2 Cartridge is fired from the M116, M120, M1A1, M1A1C, and M3 Howitzer assemblies.

The Projectile, 155mm Illuminating M485A2 (DODIC D505) is a separate loading artillery projectile that consists of a hollow steel shell with an illuminant canister, a canister expelling charge in the projectile nose, and a drogue parachute in the base. This projectile is fired from the 155mm M198 and M777 Towed Howitzers. The projectile uses a Mechanical Time fuze.

The Projectile, 155mm High Explosive (HE) M795 (DODIC D529) is fired from the 155mm M198 Howitzer and is compatible with the M777 Light Weight 155 Howitzer. It is used to provide conventional support fires and provides an increase in range, lethality, and accuracy. Beginning in FY13 D529 will be replaced by DODIC DA54 which is the same projectile, but the explosive fill is changed from Comp B/TNT to IMX-101. The IMX-101 was developed jointly with the Army as part of the services Insensitive Munitions initiative.

The Projectile, 155mm Smoke White Phosphorus (WP) M110A2 (DODIC D550) is a separate loading projectile used to provide smoke for marking purposes and can be used to provide screening of mechanized or infantry maneuver. The M110A2 projectile is fired from the M198 and M777 Towed Howitzers. A point detonating fuze is normally used with this projectile.

The M231 Modular Artillery Charge System (MACS)(DODIC DA12) is a propelling charge for the 155mm family of artillery projectiles. The M231 is used at lower zones (1 or 2 increments at a time) and is based on the classical unicharge design, i.e. bi-directional center core ignition, granular propellant contained in a rigid combustible case. MACS will offer improvements in logistics, range, and simplicity when compared to existing bag propellants (M203 series, M119 series, M3 series and M4 series).

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

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

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

P-1 Line Item Nomenclature:
 1473 - Artillery, All Types

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

| Item Schedule | | ID CD | Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|---|----------------|----------|----------------|------------|-------------------|----------------|----------------|-------------------|----------------|---------------|-------------------|----------------|---------------|-------------------|----------------|---------------|-------------------|----------------|----------------|-------------------|
| Item Nomenclature* | Exhibits | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| Artillery, All Types (See enclosed P-40A) | P40A, P5A, P21 | | | | 0.000 | | | 293.707 | | | 79.529 | | | 93.065 | | | 54.886 | | | 147.951 |
| Total Gross/Weapon System Cost | | | | - | | | 293.707 | | | 79.529 | | | 93.065 | | | 54.886 | | | 147.951 | |

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

Justification:

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1473 - Artillery, All Types **Aggregated Item Name:** Artillery, All Types

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1473 - Artillery, All Types **Aggregated Item Name:** Artillery, All Types

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

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

Appropriation / Budget Activity / Budget Sub Activity:
1508N / BA 2 / BSA 1

P-1 Line Item Nomenclature:
1473 - Artillery, All Types

Aggregated Item Name:
Artillery, All Types

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1473 - Artillery, All Types **Aggregated Item Name:** Artillery, All Types

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

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1473 - Artillery, All Types **Aggregated Item Name:** Artillery, All Types

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1473 - Artillery, All Types **Aggregated Item Name:** Artillery, All Types

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|--|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| 13) FIRST DESTINATION TRANSPORTATION | | | | | | | | | | | | | | | | | | | |
| 13.1) First Destination Transportation | A | - | - | - | - | - | 0.594 | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 13) FIRST DESTINATION TRANSPORTATION</i> | | | | 0.000 | | | 0.594 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 |
| Total | | | | 0.000 | | | 293.707 | | | 79.529 | | | 93.065 | | | 54.886 | | | 147.951 |

Remarks:
[D529, PROJ, 155MM, M795 HE (DA54)]

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

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

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| Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy | | | | | | | | | | Date: February 2012 | | |
|--|-------------|------|---|--|-------------------------|------------|------------------------|---------------|-------------------|---|------------------|----------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 | | | | P-1 Line Item Nomenclature: 1473 - Artillery, All Types | | | | | | Aggregated Item Name: Artillery, All Types | | |
| Cost Elements († indicates the presence of a P-21) | O C O | FY | Contractor and Location | Contract Method and Type | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost (\$) | Specs Avail Now? | Date Revsn Avail | RFP Issue Date |
| 5.5) D529 PLUG, LIFTING, MELTABLE FOR IM | | 2013 | TO BE SELECTED / UNKNOWN | C / FFP | PICATINNY ARSENAL, NJ | Mar 2013 | Sep 2014 | 77,158 | 9.15 | Y | | |
| 5.5) D529 PLUG, LIFTING, MELTABLE FOR IM | ✓ | 2013 | TO BE SELECTED / UNKNOWN | C / FFP | PICATINNY ARSENAL, NJ | Mar 2013 | Sep 2014 | 52,459 | 9.15 | Y | | |
| 5.6) D529 TNT TYPE I FLAKE(LB) | | 2011 | ATK ENERGETIC SYS / RADFORD, VA | C / FFP | ROCK ISLAND ARSENAL, IL | Aug 2011 | Feb 2012 | 687,361 | 5.38 | Y | | |
| 5.6) D529 TNT TYPE I FLAKE(LB) | ✓ | 2011 | ATK ENERGETIC SYS / RADFORD, VA | C / FFP | ROCK ISLAND ARSENAL, IL | Aug 2011 | Feb 2012 | 640,706 | 5.38 | Y | | |
| 5.7) D529 EXPLOSIVE FILL IMX-101 | ✓ | 2012 | BAE ORDNANCE SYSTEMS / KINGSPO, TN | C / FFP | ROCK ISLAND ARSENAL, IL | Jun 2012 | Dec 2013 | 1,957,278 | 10.58 | Y | | |
| 5.7) D529 EXPLOSIVE FILL IMX-101 | | 2013 | BAE ORDNANCE SYSTEMS / KINGSPO, TN | SS / FFP | ROCK ISLAND ARSENAL, IL | Mar 2013 | Sep 2014 | 2,312,885 | 13.97 | Y | | |
| 5.7) D529 EXPLOSIVE FILL IMX-101 | ✓ | 2013 | BAE ORDNANCE SYSTEMS / KINGSPO, TN | SS / FFP | ROCK ISLAND ARSENAL, IL | Mar 2013 | Sep 2014 | 1,573,085 | 13.97 | Y | | |
| 5.8) D529 METAL PARTS M795 | | 2011 | GENERAL DYNAMICS OTS / SCRANTON, PA | C / FFP | PICATINNY ARSENAL, NJ | Apr 2011 | Sep 2012 | 23,367 | 366.75 | Y | | |
| 5.8) D529 METAL PARTS M795 | ✓ | 2011 | GENERAL DYNAMICS OTS / SCRANTON, PA | C / FFP | PICATINNY ARSENAL, NJ | Apr 2011 | Sep 2012 | 21,783 | 366.75 | Y | | |
| 5.8) D529 METAL PARTS M795 | ✓ | 2012 | GENERAL DYNAMICS OTS / SCRANTON, PA | C / FFP | PICATINNY ARSENAL, NJ | Mar 2012 | Sep 2013 | 66,548 | 349.04 | Y | | |
| 5.8) D529 METAL PARTS M795 | | 2013 | TO BE SELECTED / UNKNOWN | C / FFP | PICATINNY ARSENAL, NJ | Mar 2013 | Sep 2014 | 77,097 | 390.00 | Y | | |
| 5.8) D529 METAL PARTS M795 | ✓ | 2013 | TO BE SELECTED / UNKNOWN | C / FFP | PICATINNY ARSENAL, NJ | Mar 2013 | Sep 2014 | 52,438 | 390.00 | Y | | |
| 5.9) D529 WOODEN PALLETS | | 2011 | KNOX CNTY ASSOC RETARDED CITIZENS / VINCENNES, IN | C / FFP | PICATINNY ARSENAL, NJ | Apr 2011 | Oct 2012 | 2,918 | 71.96 | Y | | |
| 5.9) D529 WOODEN PALLETS | ✓ | 2011 | KNOX CNTY ASSOC RETARDED CITIZENS / VINCENNES, IN | C / FFP | PICATINNY ARSENAL, NJ | Apr 2011 | Oct 2012 | 2,724 | 71.96 | Y | | |
| 5.10) D529 WOODEN PALLETS, IMX-101 | ✓ | 2012 | TO BE SELECTED / UNKNOWN | C / FFP | PICATINNY ARSENAL, NJ | Mar 2012 | Sep 2013 | 8,325 | 73.63 | Y | | |
| 5.10) D529 WOODEN PALLETS, IMX-101 | | 2013 | TO BE SELECTED / UNKNOWN | C / FFP | PICATINNY ARSENAL, NJ | Mar 2013 | Sep 2014 | 9,830 | 129.50 | Y | | |
| 5.10) D529 WOODEN PALLETS, IMX-101 | ✓ | 2013 | TO BE SELECTED / UNKNOWN | C / FFP | PICATINNY ARSENAL, NJ | Mar 2013 | Sep 2014 | 6,680 | 129.50 | Y | | |
| 6) D550, PROJ, 155MM, M110A2, SMOKE WP | | | | | | | | | | | | |
| †6.1) D550 LOAD, ASSEMBLE & PACK (LAP) | | 2012 | PINE BLUFF ARSENAL / PINE BLUFF, AR | PO | ROCK ISLAND ARSENAL, IL | Mar 2012 | Jan 2014 | 6,091 | 275.81 | Y | | |

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| Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy | | | | | | | | | | Date: February 2012 | | |
|--|-------------|------|---|--|-------------------------|------------|------------------------|---------------|-------------------|---|------------------|----------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 | | | | P-1 Line Item Nomenclature: 1473 - Artillery, All Types | | | | | | Aggregated Item Name: Artillery, All Types | | |
| Cost Elements († indicates the presence of a P-21) | O C O | FY | Contractor and Location | Contract Method and Type | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost (\$) | Specs Avail Now? | Date Revsn Avail | RFP Issue Date |
| 6.2) D550 CASING PROJ BURSTER M1E1 | | 2012 | TO BE SELECTED / Unknown | C / FFP | ROCK ISLAND ARSENAL, IL | Mar 2012 | Sep 2013 | 6,210 | 66.18 | Y | | |
| 6.3) D550 UNIVERSAL LIFTING PLUG | | 2012 | TO BE SELECTED / UNKNOWN | C / FFP | ROCK ISLAND ARSENAL, IL | Mar 2012 | Sep 2013 | 6,286 | 8.75 | Y | | |
| 6.4) D550 CHG BSTR M54A1 ASSY | | 2012 | CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND | PO | ROCK ISLAND ARSENAL, IL | Mar 2012 | Nov 2013 | 6,279 | 73.74 | Y | | |
| †6.5) D550 METAL PARTS, M110 | | 2012 | TO BE SELECTED / Unknown | C / FFP | ROCK ISLAND ARSENAL, IL | Mar 2012 | Sep 2013 | 6,213 | 282.00 | Y | | |
| 6.6) D550 COMP B TYPE I GRADE A | | 2012 | BAE ORDNANCE SYSTEMS / KINGSPORT, TN | C / FFP | ROCK ISLAND ARSENAL, IL | Mar 2012 | Mar 2013 | 4,215 | 19.93 | Y | | |
| 6.7) D550 GROMMET, HE SMOKE | | 2012 | LC INDUSTRIES / HAZELHURST, MS | C / FFP | ROCK ISLAND ARSENAL, IL | Mar 2012 | Jul 2013 | 6,250 | 2.40 | Y | | |
| 7) DA12, CHG, 155MM, M231, MOD ARTY CHG SYS | | | | | | | | | | | | |
| †7.1) DA12 LOAD, ASSEMBLE & PACK (LAP) | | 2011 | GENERAL DYNAMICS ATP / HAMPTON, AR | C / FFP | PICATINNY ARSENAL, NJ | Aug 2011 | Jun 2013 | 201,105 | 16.29 | Y | | |
| †7.1) DA12 LOAD, ASSEMBLE & PACK (LAP) | ✓ | 2011 | GENERAL DYNAMICS ATP / HAMPTON, AR | C / FFP | PICATINNY ARSENAL, NJ | Aug 2011 | Jun 2013 | 124,561 | 16.53 | Y | | |
| †7.1) DA12 LOAD, ASSEMBLE & PACK (LAP) | | 2012 | TO BE SELECTED / UNKNOWN | C / FFP | PICATINNY ARSENAL, NJ | Jul 2012 | Mar 2014 | 66,359 | 17.36 | Y | | |
| 7.2) DA12 IGNITION PROPELLANT, MACS | | 2011 | ST MARKS POWDER INC / CRAWFORDVILLE, FL | C / FFP | PICATINNY ARSENAL, NJ | Aug 2011 | Dec 2011 | 13,043 | 8.97 | Y | | |
| 7.2) DA12 IGNITION PROPELLANT, MACS | ✓ | 2011 | ST MARKS POWDER INC / CRAWFORDVILLE, FL | C / FFP | PICATINNY ARSENAL, NJ | Aug 2011 | Mar 2012 | 8,138 | 8.97 | Y | | |
| 7.2) DA12 IGNITION PROPELLANT, MACS | | 2012 | ST MARKS POWDER INC / CRAWFORDVILLE, FL | C / FFP | PICATINNY ARSENAL, NJ | Apr 2012 | Mar 2013 | 4,203 | 9.28 | Y | | |
| 7.3) DA12 COMBUSTIBLE CASES | | 2011 | ARMTEC DEFENSE, INC. / COACHELLA, CA | C / FFP | PICATINNY ARSENAL, NJ | May 2011 | Feb 2013 | 207,272 | 32.73 | Y | | |
| 7.3) DA12 COMBUSTIBLE CASES | ✓ | 2011 | ARMTEC DEFENSE, INC. / COACHELLA, CA | C / FFP | PICATINNY ARSENAL, NJ | Sep 2011 | Feb 2013 | 128,308 | 33.63 | Y | | |
| 7.3) DA12 COMBUSTIBLE CASES | | 2012 | ARMTEC DEFENSE, INC. / COACHELLA, CA | C / FFP | PICATINNY ARSENAL, NJ | Mar 2012 | Sep 2013 | 68,362 | 32.24 | Y | | |
| 7.4) DA12 BLACK POWDER, M231 | | 2011 | GOEX INC / MINDEN, LA | SS / FFP | ROCK ISLAND ARSENAL, IL | Jun 2011 | Nov 2011 | 12,222 | 13.50 | Y | | |
| 7.4) DA12 BLACK POWDER, M231 | ✓ | 2011 | GOEX INC / MINDEN, LA | SS / FFP | ROCK ISLAND ARSENAL, IL | Sep 2011 | Sep 2012 | 7,630 | 13.50 | Y | | |
| 7.4) DA12 BLACK POWDER, M231 | | 2012 | GOEX INC / MINDEN, LA | SS / FFP | ROCK ISLAND ARSENAL, IL | Mar 2012 | Sep 2013 | 4,006 | 13.98 | Y | | |
| 7.5) DA12 PROPELLANT, PAPP7993 | | 2011 | TO BE SELECTED / UNKNOWN | C / FFP | ROCK ISLAND ARSENAL, IL | Jun 2012 | Mar 2013 | 740,457 | 8.75 | Y | | |

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| Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy | | | | | | | | | | Date: February 2012 | | |
|--|-------------|------|---|--|-------------------------|------------|------------------------|---------------|-------------------|---|------------------|----------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 | | | | P-1 Line Item Nomenclature: 1473 - Artillery, All Types | | | | | | Aggregated Item Name: Artillery, All Types | | |
| Cost Elements († indicates the presence of a P-21) | O C O | FY | Contractor and Location | Contract Method and Type | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost (\$) | Specs Avail Now? | Date Revsn Avail | RFP Issue Date |
| 7.5) DA12 PROPELLANT, PAPP7993 | ✓ | 2011 | TO BE SELECTED / UNKNOWN | C / FFP | ROCK ISLAND ARSENAL, IL | Jun 2012 | Mar 2013 | 464,000 | 8.75 | Y | | |
| 7.5) DA12 PROPELLANT, PAPP7993 | | 2012 | TO BE SELECTED / UNKNOWN | C / FFP | ROCK ISLAND ARSENAL, IL | Jun 2012 | Mar 2013 | 232,309 | 11.39 | Y | | |
| 7.6) DA12 CONTAINER M231 | | 2011 | CONCO, INC / LOUISVILLE, KY | C / FFP | ROCK ISLAND ARSENAL, IL | Sep 2011 | Oct 2012 | 51,802 | 38.30 | Y | | |
| 7.6) DA12 CONTAINER M231 | ✓ | 2011 | TO BE SELECTED / UNKNOWN | C / FFP | ROCK ISLAND ARSENAL, IL | Sep 2011 | Apr 2013 | 32,089 | 38.30 | Y | | |
| 7.6) DA12 CONTAINER M231 | | 2012 | TO BE SELECTED / UNKNOWN | C / FFP | ROCK ISLAND ARSENAL, IL | Mar 2012 | Mar 2013 | 17,263 | 42.46 | Y | | |
| 8) DA13, CHG, 155MM, M232A1, MOD ARTY CHG SYS | | | | | | | | | | | | |
| †8.1) DA13 LOAD, ASSEMBLE & PACK (LAP) | | 2011 | GENERAL DYNAMICS ATP / HAMPTON, AR | C / FFP | PICATINNY ARSENAL, NJ | Aug 2011 | Jan 2014 | 133,690 | 19.65 | Y | | |
| †8.1) DA13 LOAD, ASSEMBLE & PACK (LAP) | ✓ | 2011 | TO BE SELECTED / UNKNOWN | C / FFP | PICATINNY ARSENAL, NJ | Jul 2012 | May 2014 | 73,800 | 20.00 | Y | | |
| †8.1) DA13 LOAD, ASSEMBLE & PACK (LAP) | | 2012 | TO BE SELECTED / UNKNOWN | C / FFP | PICATINNY ARSENAL, NJ | Jul 2012 | Oct 2014 | 70,849 | 20.72 | Y | | |
| †8.1) DA13 LOAD, ASSEMBLE & PACK (LAP) | | 2013 | TO BE SELECTED / UNKNOWN | C / FFP | PICATINNY ARSENAL, NJ | Mar 2013 | Jul 2015 | 72,602 | 20.33 | Y | | |
| 8.2) DA13 IGNITION PROPELLANT | | 2011 | ST MARKS POWDER INC / CRAWFORDVILLE, FL | C / FFP | PICATINNY ARSENAL, NJ | Sep 2011 | Sep 2012 | 10,479 | 8.97 | Y | | |
| 8.2) DA13 IGNITION PROPELLANT | ✓ | 2011 | ST MARKS POWDER INC / CRAWFORDVILLE, FL | C / FFP | PICATINNY ARSENAL, NJ | Sep 2011 | Sep 2012 | 4,794 | 8.97 | Y | | |
| 8.2) DA13 IGNITION PROPELLANT | | 2012 | ST MARKS POWDER INC / CRAWFORDVILLE, FL | C / FFP | PICATINNY ARSENAL, NJ | Mar 2012 | Mar 2013 | 4,526 | 9.28 | Y | | |
| 8.2) DA13 IGNITION PROPELLANT | | 2013 | ST MARKS POWDER INC / CRAWFORDVILLE, FL | C / FFP | PICATINNY ARSENAL, NJ | Mar 2013 | Mar 2014 | 4,697 | 9.58 | Y | | |
| 8.3) DA13 COMBUSTIBLE CASES | | 2011 | ARMTEC DEFENSE, INC. / COACHELLA, CA | C / FFP | PICATINNY ARSENAL, NJ | Sep 2011 | Mar 2013 | 141,084 | 33.20 | Y | | |
| 8.3) DA13 COMBUSTIBLE CASES | ✓ | 2011 | ARMTEC DEFENSE, INC. / COACHELLA, CA | C / FFP | PICATINNY ARSENAL, NJ | Sep 2011 | Mar 2013 | 76,037 | 34.97 | Y | | |
| 8.3) DA13 COMBUSTIBLE CASES | | 2012 | ARMTEC DEFENSE, INC. / COACHELLA, CA | C / FFP | PICATINNY ARSENAL, NJ | Mar 2012 | Sep 2013 | 72,960 | 32.84 | Y | | |
| 8.3) DA13 COMBUSTIBLE CASES | | 2013 | TO BE SELECTED / UNKNOWN | C / FFP | PICATINNY ARSENAL, NJ | Mar 2013 | Sep 2014 | 74,786 | 36.17 | Y | | |
| 8.4) DA13 BLACK POWDER CLASS 1 (LB) | | 2011 | GOEX INC / MINDEN, LA | SS / FFP | ROCK ISLAND ARSENAL, IL | Sep 2011 | Mar 2013 | 8,296 | 13.50 | Y | | |
| 8.4) DA13 BLACK POWDER CLASS 1 (LB) | ✓ | 2011 | GOEX INC / MINDEN, LA | SS / FFP | ROCK ISLAND ARSENAL, IL | Sep 2011 | Mar 2013 | 4,593 | 13.50 | Y | | |

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| Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Navy | | | | | | | | | | Date: February 2012 | | |
|--|-------------|------|---------------------------------------|--|-------------------------|------------|------------------------|---------------|-------------------|---|------------------|----------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 | | | | P-1 Line Item Nomenclature: 1473 - Artillery, All Types | | | | | | Aggregated Item Name: Artillery, All Types | | |
| Cost Elements († indicates the presence of a P-21) | O C O | FY | Contractor and Location | Contract Method and Type | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost (\$) | Specs Avail Now? | Date Revsn Avail | RFP Issue Date |
| 8.4) DA13 BLACK POWDER CLASS 1 (LB) | | 2012 | TO BE SELECTED / UNKNOWN | C / FFP | ROCK ISLAND ARSENAL, IL | Mar 2012 | Sep 2013 | 4,220 | 13.98 | Y | | |
| 8.4) DA13 BLACK POWDER CLASS 1 (LB) | | 2013 | GOEX INC / MINDEN, LA | SS / FFP | ROCK ISLAND ARSENAL, IL | Mar 2013 | Sep 2014 | 4,332 | 14.08 | Y | | |
| †8.5) DA13 PROPELLANT M31A2 | | 2011 | TO BE SELECTED / UNKNOWN | C / FFP | PICATINNY ARSENAL, NJ | Jul 2012 | Mar 2013 | 663,071 | 14.00 | Y | | |
| †8.5) DA13 PROPELLANT M31A2 | ✓ | 2011 | TO BE SELECTED / UNKNOWN | C / FFP | PICATINNY ARSENAL, NJ | Jul 2012 | Mar 2014 | 357,000 | 14.00 | Y | | |
| †8.5) DA13 PROPELLANT M31A2 | | 2012 | TO BE SELECTED / UNKNOWN | C / FFP | PICATINNY ARSENAL, NJ | Aug 2012 | Apr 2014 | 354,118 | 13.84 | Y | | |
| †8.5) DA13 PROPELLANT M31A2 | | 2013 | TO BE SELECTED / UNKNOWN | C / FFP | PICATINNY ARSENAL, NJ | Mar 2013 | Nov 2014 | 350,105 | 14.23 | Y | | |
| 8.6) DA13 CONTAINER M232A1 | | 2011 | TO BE SELECTED / UNKNOWN | C / FFP | ROCK ISLAND ARSENAL, IL | Sep 2011 | Sep 2012 | 28,247 | 40.50 | Y | | |
| 8.6) DA13 CONTAINER M232A1 | ✓ | 2011 | TO BE SELECTED / UNKNOWN | C / FFP | ROCK ISLAND ARSENAL, IL | Sep 2011 | Sep 2012 | 15,235 | 40.50 | Y | | |
| 8.6) DA13 CONTAINER M232A1 | | 2012 | TO BE SELECTED / UNKNOWN | C / FFP | ROCK ISLAND ARSENAL, IL | Mar 2012 | Mar 2013 | 14,885 | 42.46 | Y | | |
| 8.6) DA13 CONTAINER M232A1 | | 2013 | TO BE SELECTED / UNKNOWN | C / FFP | ROCK ISLAND ARSENAL, IL | Mar 2013 | Mar 2014 | 15,255 | 41.69 | Y | | |
| 9) DA23, CHG, 155MM, M231 MOD ARTY CHG SYS DUMMY | | | | | | | | | | | | |
| 9.1) DA23 COMPLETE ROUND | | 2013 | TBD / TBD | SS / FFP | PICATINNY ARSENAL, NJ | Mar 2013 | Apr 2013 | 155 | 200.00 | Y | | |
| 10) DA24, CHG, 155MM, M232A1 MOD ARTY CHG SYS DUMMY | | | | | | | | | | | | |
| 10.1) DA24 COMPLETE ROUND | | 2013 | ARMTEC DEFENSE, INC. / COACHELLA, CA | SS / FFP | PICATINNY ARSENAL, NJ | Mar 2013 | Apr 2013 | 190 | 200.00 | Y | | |
| 11) DA45 155MM, XM982, EXCALIBUR | | | | | | | | | | | | |
| †11.1) DA45 COMPLETE ROUND | ✓ | 2011 | Raytheon Missile Systems / Tucson, AZ | SS / FFP | PICATINNY ARSENAL, NJ | Mar 2011 | May 2012 | 1,994 | 78,345.94 | Y | | |
| 11.2) DA45 CONTAINER SYSTEM | ✓ | 2011 | CONCO, INC / LOUISVILLE, KY | SS / FFP | PICATINNY ARSENAL, NJ | Mar 2011 | Dec 2011 | 1,994 | 979.02 | Y | | |
| 12) DA49, 155MM, IR ILLUM | | | | | | | | | | | | |
| †12.1) DA49 LOAD, ASSEMBLE & PACK (LAP) | ✓ | 2011 | PINE BLUFF ARSENAL / PINE BLUFF, AR | PO | ROCK ISLAND ARSENAL, IL | Jan 2011 | Jan 2013 | 2,661 | 263.42 | Y | | |
| 12.2) DA49 PROJ BODY 155MM M485 | ✓ | 2011 | IMT DEFENSE CORP / WESTERVILLE, OH | C / FFP | ROCK ISLAND ARSENAL, IL | Feb 2011 | May 2012 | 2,715 | 286.58 | Y | | |

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| | | |
|---|---|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 | P-1 Line Item Nomenclature: 1473 - Artillery, All Types | Aggregated Item Name: Artillery, All Types |
|---|---|--|

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

Remarks:

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1473 - Artillery, All Types **Aggregated Item Name:** Artillery, All Types

| COST ELEMENTS Units in Thousands | | | | | | Fiscal Year 2011 | | | | | | | | | | | | Fiscal Year 2012 | | | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-------|
| O C O | MFR Ref # | FY | SERVICE [‡] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2011 | | | | | | | | | | | | Calendar Year 2012 | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L | | |
| 4) D505, PROJ, 155MM, M485A2, ILLUM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.1) D505 LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 30 | 2011 | NAVY | 11.12 | 0 | 11.12 | - | - | - | A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11.12 |
| ✓ | 30 | 2011 | NAVY | 6.301 | 0 | 6.301 | - | - | - | A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.301 | |
| 4.2) D505 PROJ MPTS (EA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 31 | 2011 | NAVY | 11.34 | 0 | 11.34 | - | - | - | - | A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11.34 | |
| ✓ | 31 | 2011 | NAVY | 6.424 | 0 | 6.424 | - | - | - | - | A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.424 | |
| 4.3) D505 UNIVERSAL LIFTING PLUG (EA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 32 | 2011 | NAVY | 11.42 | 0 | 11.42 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11.42 | |
| ✓ | 32 | 2011 | NAVY | 6.421 | 0 | 6.421 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.421 | |
| 4.4) D505 VL ILLUM CANISTER, 155MM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 33 | 2011 | NAVY | 11.57 | 0 | 11.57 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11.57 | |
| ✓ | 33 | 2011 | NAVY | 6.551 | 0 | 6.551 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.551 | |
| 4.5) D505 GROMMET (EA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 34 | 2011 | NAVY | 11.5 | 0 | 11.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11.5 | |
| ✓ | 34 | 2011 | NAVY | 6.5 | 0 | 6.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.5 | |
| 4.6) D505 PARACHUTE MAIN, 155MM ILLUM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 35 | 2011 | NAVY | 11.45 | 0 | 11.45 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11.45 | |
| ✓ | 35 | 2011 | NAVY | 6.483 | 0 | 6.483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.483 | |
| 4.7) D505 DELAY ELEMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 36 | 2011 | NAVY | 11.47 | 0 | 11.47 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11.47 | |
| ✓ | 36 | 2011 | NAVY | 6.5 | 0 | 6.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.5 | |
| 4.8) D505 CANISTER, MPTS ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 37 | 2011 | NAVY | 6.5 | 0 | 6.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.5 | |
| | 38 | 2011 | NAVY | 11.44 | 0 | 11.44 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11.44 | |
| 4.9) D505 PARACHUTE, MAIN SUPPORTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 39 | 2011 | NAVY | 45.42 | 0 | 45.42 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 45.42 | |
| ✓ | 39 | 2011 | NAVY | 25.7 | 0 | 25.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 25.7 | |
| 4.10) D505 PARACHUTE, DROGUE SUPPORTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | | |

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1473 - Artillery, All Types **Aggregated Item Name:** Artillery, All Types

| COST ELEMENTS Units in Thousands | | | | | | | Fiscal Year 2011 | | | | | | | | | | | Fiscal Year 2012 | | | | | | | | | | | | | | | | | | |
|---|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-------|-------|-------|-------|
| O C O | MFR Ref # | FY | SERVICE [±] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2011 | | | | | | | | | | | Calendar Year 2012 | | | | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L | | | | | |
| | 40 | 2011 | NAVY | 23.46 | 0 | 23.46 | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | 23.46 | | | | | |
| ✓ | 40 | 2011 | NAVY | 13.08 | 0 | 13.08 | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | 13.08 | | | | | |
| 4.11) D505 PARACHUTE, DROGUE ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 41 | 2011 | NAVY | 11.44 | 0 | 11.44 | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | 11.44 | | | | | |
| ✓ | 41 | 2011 | NAVY | 6.467 | 0 | 6.467 | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.467 | | | | | |
| 4.12) D505 CANISTER, BASE ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 42 | 2011 | NAVY | 6.5 | 0 | 6.5 | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.5 | | | | | |
| | 43 | 2011 | NAVY | 11.5 | 0 | 11.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | 11.5 | | | | | |
| 5) D529, PROJ, 155MM, M795 HE (DA54) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.1) D529 LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44 | 2010 | NAVY | 88.01 | 0 | 88.01 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 39.5 | 40.07 | 6.83 | 1.61 | | |
| | 44 | 2011 | NAVY | 22.91 | 0 | 22.91 | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 22.91 | | | |
| ✓ | 44 | 2011 | NAVY | 21.36 | 0 | 21.36 | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 21.36 | | | |
| ✓ | 44 | 2012 | NAVY | 65.25 | 0 | 65.25 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | A - | 65.25 | | |
| | 44 | 2013 | NAVY | 75.59 | 0 | 75.59 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 75.59 | | |
| ✓ | 44 | 2013 | NAVY | 51.41 | 0 | 51.41 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 51.41 | | |
| 5.3) D529 SUPPLEMENTAL CHARGE, PBXN-9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 45 | 2012 | NAVY | 66.55 | 0 | 66.55 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | A - | 66.55 | |
| | 45 | 2013 | NAVY | 77.1 | 0 | 77.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 77.1 | |
| ✓ | 45 | 2013 | NAVY | 52.45 | 0 | 52.45 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 52.45 | |
| 6) D550, PROJ, 155MM, M110A2, SMOKE WP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6.1) D550 LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 46 | 2012 | NAVY | 6.091 | 0 | 6.091 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | A - | 6.091 |
| 6.5) D550 METAL PARTS, M110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 47 | 2012 | NAVY | 6.213 | 0 | 6.213 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | A - | 6.213 |
| 7) DA12, CHG, 155MM, M231, MOD ARTY CHG SYS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7.1) DA12 LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 48 | 2011 | NAVY | 201.1 | 0 | 201.1 | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 201.1 | |
| ✓ | 48 | 2011 | NAVY | 124.6 | 0 | 124.6 | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 124.6 |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | | | | | |

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1473 - Artillery, All Types **Aggregated Item Name:** Artillery, All Types

| COST ELEMENTS Units in Thousands | | | | | | | Fiscal Year 2011 | | | | | | | | | | | Fiscal Year 2012 | | | | | | | | | | | | | | | | | | | | |
|---|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---|---|---|---|-------|-------|-------|
| O C O | MFR Ref # | FY | SERVICE [‡] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2011 | | | | | | | | | | | Calendar Year 2012 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L | | | | | | | |
| 49 | 2012 | NAVY | 66.36 | 0 | 66.36 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 66.36 | | |
| 8) DA13, CHG, 155MM, M232A1, MOD ARTY CHG SYS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8.1) DA13 LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 2011 | NAVY | 133.7 | 0 | 133.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 133.7 | |
| ✓ 51 | 2011 | NAVY | 73.8 | 0 | 73.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 73.8 |
| 51 | 2012 | NAVY | 70.85 | 0 | 70.85 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 70.85 |
| 51 | 2013 | NAVY | 72.6 | 0 | 72.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 72.6 |
| 8.5) DA13 PROPELLANT M31A2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | 2011 | NAVY | 663.1 | 0 | 663.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 663.1 |
| ✓ 52 | 2011 | NAVY | 357 | 0 | 357 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 357 |
| 52 | 2012 | NAVY | 354.1 | 0 | 354.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 354.1 |
| 52 | 2013 | NAVY | 350.1 | 0 | 350.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 350.1 |
| 11) DA45 155MM, XM982, EXCALIBUR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11.1) DA45 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ 53 | 2011 | NAVY | 1.994 | 0 | 1.994 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1.22 |
| 12) DA49, 155MM, IR ILLUM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12.1) DA49 LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ 54 | 2011 | NAVY | 2.661 | 0 | 2.661 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2.661 |
| | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | | | | | | | | |

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1473 - Artillery, All Types **Aggregated Item Name:** Artillery, All Types

| COST ELEMENTS Units in Thousands | | | | | | | Fiscal Year 2013 | | | | | | | | | | | Fiscal Year 2014 | | | | | | | | | | | | |
|---------------------------------------|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| O C O | MFR Ref # | FY | SERVICE [‡] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2013 | | | | | | | | | | | Calendar Year 2014 | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P |
| 4) D505, PROJ, 155MM, M485A2, ILLUM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.1) D505 LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 30 | 2011 | NAVY | 11.12 | 0 | 11.12 | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2.122 | | | | | | | | | | | | |
| ✓ | 30 | 2011 | NAVY | 6.301 | 0 | 6.301 | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 | .301 | | | | | | | | | | | | | | |
| 4.2) D505 PROJ MPTS (EA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 31 | 2011 | NAVY | 11.34 | 11.34 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 31 | 2011 | NAVY | 6.424 | 6.424 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.3) D505 UNIVERSAL LIFTING PLUG (EA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 32 | 2011 | NAVY | 11.42 | 11.42 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 32 | 2011 | NAVY | 6.421 | 6.421 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.4) D505 VL ILLUM CANISTER, 155MM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 33 | 2011 | NAVY | 11.57 | 11.57 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 33 | 2011 | NAVY | 6.551 | 0 | 6.551 | - | - | 6.551 | | | | | | | | | | | | | | | | | | | | | |
| 4.5) D505 GROMMET (EA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 34 | 2011 | NAVY | 11.5 | 11.5 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 34 | 2011 | NAVY | 6.5 | 6.5 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.6) D505 PARACHUTE MAIN, 155MM ILLUM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 35 | 2011 | NAVY | 11.45 | 11.45 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 35 | 2011 | NAVY | 6.483 | 6.483 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.7) D505 DELAY ELEMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 36 | 2011 | NAVY | 11.47 | 11.47 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 36 | 2011 | NAVY | 6.5 | 0 | 6.5 | - | - | 6.5 | | | | | | | | | | | | | | | | | | | | | |
| 4.8) D505 CANISTER, MPTS ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 37 | 2011 | NAVY | 6.5 | 6.5 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 38 | 2011 | NAVY | 11.44 | 11.44 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.9) D505 PARACHUTE, MAIN SUPPORTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 39 | 2011 | NAVY | 45.42 | 45.42 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 39 | 2011 | NAVY | 25.7 | 25.7 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.10) D505 PARACHUTE, DROGUE SUPPORTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P |

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1473 - Artillery, All Types **Aggregated Item Name:** Artillery, All Types

| COST ELEMENTS Units in Thousands | | | | | | | Fiscal Year 2013 | | | | | | | | | | | | | Fiscal Year 2014 | | | | | | | | | | | | | |
|---|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|--|
| O C O | MFR Ref # | FY | SERVICE [†] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2013 | | | | | | | | | | | | | Calendar Year 2014 | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L | | |
| | 49 | 2012 | NAVY | 66.36 | 0 | 66.36 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 30 | 30 | 6.359 | | | | | | | | |
| 8) DA13, CHG, 155MM, M232A1, MOD ARTY CHG SYS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8.1) DA13 LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 50 | 2011 | NAVY | 133.7 | 0 | 133.7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 34 | 34 | 34 | 31.69 | | | | | | | |
| ✓ | 51 | 2011 | NAVY | 73.8 | 0 | 73.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 13 | 13 | 13 | 13 | 13 | 8.8 | |
| | 51 | 2012 | NAVY | 70.85 | 0 | 70.85 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 70.85 | |
| | 51 | 2013 | NAVY | 72.6 | 0 | 72.6 | - | - | - | - | - | A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 72.6 | |
| 8.5) DA13 PROPELLANT M31A2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 52 | 2011 | NAVY | 663.1 | 0 | 663.1 | - | - | - | - | - | 663.1 | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 52 | 2011 | NAVY | 357 | 0 | 357 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 357 | | | | | | | | | | |
| | 52 | 2012 | NAVY | 354.1 | 0 | 354.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 354.1 | | | | | | | | | |
| | 52 | 2013 | NAVY | 350.1 | 0 | 350.1 | - | - | - | - | - | A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 350.1 | |
| 11) DA45 155MM, XM982, EXCALIBUR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11.1) DA45 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 53 | 2011 | NAVY | 1.994 | .774 | 1.22 | .175 | .175 | .174 | .174 | .174 | .174 | .174 | .174 | | | | | | | | | | | | | | | | | | | |
| 12) DA49, 155MM, IR ILLUM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12.1) DA49 LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 54 | 2011 | NAVY | 2.661 | 0 | 2.661 | - | - | - | 1 | 1.661 | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | | |

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1473 - Artillery, All Types **Aggregated Item Name:** Artillery, All Types

| COST ELEMENTS Units in Thousands | | | | | | | Fiscal Year 2015 | | | | | | | | | | Fiscal Year 2016 | | | | | | | | | | | | | |
|---------------------------------------|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| O C O | MFR Ref # | FY | SERVICE [‡] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2015 | | | | | | | | | | Calendar Year 2016 | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P |
| 4) D505, PROJ, 155MM, M485A2, ILLUM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.1) D505 LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 30 | 2011 | NAVY | 11.12 | 11.12 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 30 | 2011 | NAVY | 6.301 | 6.301 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.2) D505 PROJ MPTS (EA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 31 | 2011 | NAVY | 11.34 | 11.34 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 31 | 2011 | NAVY | 6.424 | 6.424 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.3) D505 UNIVERSAL LIFTING PLUG (EA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 32 | 2011 | NAVY | 11.42 | 11.42 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 32 | 2011 | NAVY | 6.421 | 6.421 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.4) D505 VL ILLUM CANISTER, 155MM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 33 | 2011 | NAVY | 11.57 | 11.57 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 33 | 2011 | NAVY | 6.551 | 6.551 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.5) D505 GROMMET (EA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 34 | 2011 | NAVY | 11.5 | 11.5 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 34 | 2011 | NAVY | 6.5 | 6.5 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.6) D505 PARACHUTE MAIN, 155MM ILLUM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 35 | 2011 | NAVY | 11.45 | 11.45 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 35 | 2011 | NAVY | 6.483 | 6.483 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.7) D505 DELAY ELEMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 36 | 2011 | NAVY | 11.47 | 11.47 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 36 | 2011 | NAVY | 6.5 | 6.5 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.8) D505 CANISTER, MPTS ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 37 | 2011 | NAVY | 6.5 | 6.5 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 38 | 2011 | NAVY | 11.44 | 11.44 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.9) D505 PARACHUTE, MAIN SUPPORTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 39 | 2011 | NAVY | 45.42 | 45.42 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 39 | 2011 | NAVY | 25.7 | 25.7 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.10) D505 PARACHUTE, DROGUE SUPPORTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P |

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|---|------------------|-----------|----------------------------|-----------------|---|--|---|--------------|--------------|--------------|--------------|--------------|--------------|--|----------------------------|-------------------------|---------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Exhibit P-21, Budget Production Schedule: PB 2013 Navy | | | | | | | | | | | | | | | Date: February 2012 | | | | | | | | | | | | | | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 | | | | | | | P-1 Line Item Nomenclature: 1473 - Artillery, All Types | | | | | | | Aggregated Item Name: Artillery, All Types | | | | | | | | | | | | | | | | | |
| COST ELEMENTS Units in Thousands | | | | | | Fiscal Year 2015 | | | | | | | | | | Fiscal Year 2016 | | | | | | | | | | | | | | | |
| O C O | MFR Ref # | FY | SERVICE[‡] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2015 | | | | | | | | | | Calendar Year 2016 | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| | 40 | 2011 | NAVY | 23.46 | 23.46 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 40 | 2011 | NAVY | 13.08 | 13.08 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.11) D505 PARACHUTE, DROGUE ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 41 | 2011 | NAVY | 11.44 | 11.44 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 41 | 2011 | NAVY | 6.467 | 6.467 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.12) D505 CANISTER, BASE ASSY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 42 | 2011 | NAVY | 6.5 | 6.5 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 43 | 2011 | NAVY | 11.5 | 11.5 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5) D529, PROJ, 155MM, M795 HE (DA54) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.1) D529 LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44 | 2010 | NAVY | 88.01 | 88.01 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44 | 2011 | NAVY | 22.91 | 22.91 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 44 | 2011 | NAVY | 21.36 | 21.36 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 44 | 2012 | NAVY | 65.25 | 24.26 | 40.99 | 35 | 5.986 | | | | | | | | | | | | | | | | | | | | | | | |
| | 44 | 2013 | NAVY | 75.59 | 0 | 75.59 | - | - | - | - | - | 11.55 | 25.28 | 25.28 | 13.48 | | | | | | | | | | | | | | | | |
| ✓ | 44 | 2013 | NAVY | 51.41 | 0 | 51.41 | - | - | - | - | - | 9.72 | 9.72 | 9.72 | 21.52 | .731 | | | | | | | | | | | | | | | |
| 5.3) D529 SUPPLEMENTAL CHARGE, PBXN-9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 45 | 2012 | NAVY | 66.55 | 66.55 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 45 | 2013 | NAVY | 77.1 | 77.1 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 45 | 2013 | NAVY | 52.45 | 52.45 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6) D550, PROJ, 155MM, M110A2, SMOKE WP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6.1) D550 LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 46 | 2012 | NAVY | 6.091 | 6.091 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6.5) D550 METAL PARTS, M110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 47 | 2012 | NAVY | 6.213 | 6.213 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7) DA12, CHG, 155MM, M231, MOD ARTY CHG SYS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7.1) DA12 LOAD, ASSEMBLE & PACK (LAP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 48 | 2011 | NAVY | 201.1 | 201.1 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 48 | 2011 | NAVY | 124.6 | 124.6 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | |

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

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

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

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

| | | |
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| Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 | P-1 Line Item Nomenclature: 1473 - Artillery, All Types | Aggregated Item Name: Artillery, All Types |
|---|---|--|

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

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

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

| | |
|---|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition | P-1 Line Item Nomenclature: 1500 - Demolition Munitions, All Types |
|---|--|

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

| Resource Summary | Prior Years | FY 2011 | FY 2012 | FY 2013 Base | FY 2013 OCO | FY 2013 Total | FY 2014 | FY 2015 | FY 2016 | FY 2017 | To Complete | Total |
|--|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|-------------|------------|
| Procurement Quantity (Each) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (\$ in Millions) | 10,016.826 | 22.953 | 30.617 | 2.047 | 1.391 | 3.438 | 2.046 | 3.468 | 2.047 | 2.047 | Continuing | Continuing |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 10,016.826 | 22.953 | 30.617 | 2.047 | 1.391 | 3.438 | 2.046 | 3.468 | 2.047 | 2.047 | Continuing | Continuing |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 10,016.826 | 22.953 | 30.617 | 2.047 | 1.391 | 3.438 | 2.046 | 3.468 | 2.047 | 2.047 | Continuing | Continuing |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Initial Spares (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

Base Appropriations Request:

The Cartridge, 12 gauge, EOD, MK 274 Mod 0, Ultra Velocity Slug (DODIC AA62), is used only in the Percussion Actuated Disrupter (PAN Disrupter). These cartridges are never to be used in a 12 gauge shotgun. The Cartridge consists of a 1-ounce lead projectile with a nylon gear attached to the rear of the projectile for stabilization after firing. The round is a standard 3-1/2 inch cartridge. The projectile is propelled by 20 grains of Blue Dot smokeless powder and 120 grains of Scot 4100 smokeless powder. The primary purpose of the cartridge is to provide the EOD technician with a cartridge specifically designed to defeat fast responding circuits and penetration of up to 1/2 inch steel packages.

The Cap, Blasting Electric MK17 MOD 1-HERO SAFE- (DODIC DWFP) is used for initiating high explosives with a blasting machine or other suitable source of electric power. It is capable of detonating all standard military explosives.

Lightweight Disposable Disruptor (DODIC DWDN) The Lightweight Disposable Disruptor has been specifically developed to offer the EOD operator an extremely cost effective ultra lightweight disruptor capable of defeating improvised Explosive Devices (IEDs) with consistent reliability.

Powdered bag, smokeless (DODIC DWGB) is an EOD specific item and training use requirement.

The Charge, Demolition Block M118 2 Pound Pentaerythritol Tetranitrate (PETN) (DODIC M024) is a general-purpose demolition. It is suitable for underwater use and is particularly effective against steel, concrete, and timber. This sheet can be cut to any desired shape and may be quickly applied to irregular and curved surfaces. This charge may be detonated by electric blasting caps, non-electric blasting caps, or detonating cord. Each box of the M118 Demolition Blocks comes with 80 blasting cap holders.

The Charge, Demolition Cratering 40-Pound (DODIC M039) is an alternate to the standard ammonium nitrate cratering charge for the destruction of buildings, structures, and fortifications. The charge is composed of approximately 40-pound of H-6 explosive and a .43-pound A-5 composition booster. H-6 explosive is a highly brisant explosive derived from the HBX family. A semicircular handle is also located on the top of the container for handling the charge or for attaching a line when lowering the charge in a hole.

The Cap, Blasting Non-Electric Inert (DODIC M097) is used in training personnel in the correct procedures for safe handling of non-electric blasting caps. The DODIC M097 is approximately 2.3 inches long and .23 inches in diameter. There are two holes drilled through the cap to signify that the cap is inert. A fuse cavity is located in one end of the blasting cap to receive a time safety fuse. The cap is painted black.

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

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

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

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

P-1 Line Item Nomenclature:
1500 - Demolition Munitions, All Types

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

The Firing Device, Handheld (Inert) MK 54 MOD 0 (DODIC MN14) consists of two stainless steel cylindrical assemblies connected by a trigger mechanism. A secondary safety pin is inserted through the assemblies. The firing ends of the assemblies are internally threaded to receive the applicable pyrotechnic lead initiator. Each assembly contains a spring-loaded firing pin that can be recocked by the sear lever on the trigger mechanism.

The Detonator, Non-Electric MK154 (DODIC MN52) is used in place of the M7 Non-Electric Blasting Cap or the M6 Electric Blasting Cap. It is used where a non-electric waterproof application is desired. The system consists of a dual non-fragmenting 100-foot, co-extruded, olive drab, plastic polyethylene pyrotechnic lead containing less than 0.1 grains per foot of HMX with two factory crimped M7 Detonators.

The Booster, Demolition Charge, M152, (DODIC MN69) begin with five grain per foot PETN detonation cord that is figure-eight coiled and integrated to a booster charge containing 13.5 grains of PETN. The assemblies have J-hooks for fast, secure, and reliable connection to detonating cords.

The Cord, Detonating 100 Grains per Foot (DODIC MU42) is designed as a detonating agent, a priming agent, or as an explosive charge. The DODIC MU42 is a commercial product and is coated with a clear polyethylene waterproof coating. The pentaerythritol tetranitrate (PETN) explosive core has an average detonating rate of 27,200 feet per second.

FY13 Overseas Contingency Operations Request (OCO)

DODIC M130, \$1.391. Lack of funding to replace training expenditures will further erode the USMC's WRMR and training stockpile and negatively affect our ability to execute another MCO and/or prepare our Marines for war.

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

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

Justification:

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1500 - Demolition Munitions, All Types **Aggregated Item Name:** Demolition Munitions, All Types

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1500 - Demolition Munitions, All Types **Aggregated Item Name:** Demolition Munitions, All Types

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

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

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1500 - Demolition Munitions, All Types **Aggregated Item Name:** Demolition Munitions, All Types

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|---|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| 16.3) MM48 ACCEPTANCE TESTING | A | - | - | - | - | - | 0.100 | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 16) MM48 CHARGE, DEMO FLSC 600 GR/FT</i> | | | | 0.000 | | | 1.584 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 |
| 17) MM51 CHARGE, DEMO FLSC 600 GR/FT | | | | | | | | | | | | | | | | | | | |
| † 17.1) MM51 COMPLETE ROUND | A | - | - | - | - | - | - | 16.93 | 86,415 | 1.463 | - | - | - | - | - | - | - | - | - |
| 17.2) MM51 PRODUCTION ENGINEERING | A | - | - | - | - | - | - | - | - | 0.058 | - | - | - | - | - | - | - | - | - |
| 17.3) MM51 ACCEPTANCE TESTING | A | - | - | - | - | - | - | - | - | 0.834 | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 17) MM51 CHARGE, DEMO FLSC 600 GR/FT</i> | | | | 0.000 | | | 0.000 | | | 2.355 | | | 0.000 | | | 0.000 | | | 0.000 |
| 18) MM52 CHARGE, DEMO FLSC 1200 GR/FT | | | | | | | | | | | | | | | | | | | |
| † 18.1) MM52 COMPLETE ROUND | A | - | - | 0.244 | 23.99 | 206,628 | 4.957 | 33.47 | 28,473 | 0.953 | - | - | - | - | - | - | - | - | - |
| 18.2) MM52 PRODUCTION ENGINEERING | A | - | - | 0.009 | - | - | 0.177 | - | - | 0.019 | - | - | - | - | - | - | - | - | - |
| 18.3) MM52 ACCEPTANCE TESTING | A | - | - | 0.147 | - | - | 0.192 | - | - | 0.028 | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 18) MM52 CHARGE, DEMO FLSC 1200 GR/FT</i> | | | | 0.400 | | | 5.326 | | | 1.000 | | | 0.000 | | | 0.000 | | | 0.000 |
| 19) MM53 CHARGE, DEMO FLSC 2400 GR/FT | | | | | | | | | | | | | | | | | | | |
| † 19.1) MM53 COMPLETE ROUND | A | - | - | 0.302 | - | - | - | 33.59 | 41,233 | 1.385 | - | - | - | - | - | - | - | - | - |
| 19.2) MM53 PRODUCTION ENGINEERING | A | - | - | 0.008 | - | - | - | - | - | 0.038 | - | - | - | - | - | - | - | - | - |
| 19.3) MM53 ACCEPTANCE TESTING | A | - | - | 0.090 | - | - | - | - | - | 0.408 | - | - | - | - | - | - | - | - | - |

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1500 - Demolition Munitions, All Types **Aggregated Item Name:** Demolition Munitions, All Types

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|---|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| <i>Subtotal 19) MM53 CHARGE, DEMO FLSC 2400 GR/FT</i> | | | | 0.400 | | | 0.000 | | | 1.831 | | | 0.000 | | | 0.000 | | | 0.000 |
| 20) MM54 CHARGE, DEMO FLSC 5400 GR/FT | | | | | | | | | | | | | | | | | | | |
| † 20.1) MM54 COMPLETE ROUND | A | - | - | 0.169 | - | - | - | 54.78 | 34,063 | 1.866 | - | - | - | - | - | - | - | - | - |
| 20.2) MM54 PRODUCTION ENGINEERING | A | - | - | 0.004 | - | - | - | - | - | 0.044 | - | - | - | - | - | - | - | - | - |
| 20.3) MM54 ACCEPTANCE TESTING | A | - | - | 0.027 | - | - | - | - | - | 0.290 | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 20) MM54 CHARGE, DEMO FLSC 5400 GR/FT</i> | | | | 0.200 | | | 0.000 | | | 2.200 | | | 0.000 | | | 0.000 | | | 0.000 |
| 21) MN01 SCENT KIT, EXPL DETECT DOG | | | | | | | | | | | | | | | | | | | |
| † 21.1) MN01 COMPLETE ROUND | A | - | - | 0.006 | - | - | - | 1,233.33 | 30 | 0.037 | 1,285.71 | 14 | 0.018 | - | - | - | 1,285.71 | 14 | 0.018 |
| 21.2) MN01 PRODUCTION ENGINEERING | A | - | - | 0.029 | - | - | - | - | - | 0.199 | - | - | 0.064 | - | - | - | - | - | 0.064 |
| <i>Subtotal 21) MN01 SCENT KIT, EXPL DETECT DOG</i> | | | | 0.035 | | | 0.000 | | | 0.236 | | | 0.082 | | | 0.000 | | | 0.082 |
| 22) MN08 IGNITER, TIME, BLAST M81 | | | | | | | | | | | | | | | | | | | |
| † 22.1) MN08 COMPLETE ROUND | A | - | - | - | - | - | - | 6.47 | 608,501 | 3.937 | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 22) MN08 IGNITER, TIME, BLAST M81</i> | | | | 0.000 | | | 0.000 | | | 3.937 | | | 0.000 | | | 0.000 | | | 0.000 |
| 23) MN14 DUAL FIRING DEVICE MK54 | | | | | | | | | | | | | | | | | | | |
| † 23.1) MN14 COMPLETE ROUND | A | - | - | - | - | - | - | 76.43 | 19,534 | 1.493 | - | - | - | - | - | - | - | - | - |
| 23.2) MN14 PRODUCTION ENGINEERING | A | - | - | - | - | - | - | - | - | 0.307 | - | - | - | - | - | - | - | - | - |

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1500 - Demolition Munitions, All Types **Aggregated Item Name:** Demolition Munitions, All Types

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|---|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| <i>Subtotal 23) MN14 DUAL FIRING DEVICE MK54</i> | | | | 0.000 | | | 0.000 | | | 1.800 | | | 0.000 | | | 0.000 | | | 0.000 |
| 24) MN52 DETONATOR, NON- ELECTRIC MK154 | | | | | | | | | | | | | | | | | | | |
| † 24.1) MN52 COMPLETE ROUND | A | - | - | 5.022 | 49.26 | 93,626 | 4.612 | 50.78 | 37,062 | 1.882 | - | - | - | - | - | - | - | - | - |
| 24.2) MN52 PRODUCTION ENGINEERING | A | - | - | 0.069 | - | - | 0.061 | - | - | 0.026 | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 24) MN52 DETONATOR, NON- ELECTRIC MK154</i> | | | | 5.091 | | | 4.673 | | | 1.908 | | | 0.000 | | | 0.000 | | | 0.000 |
| 25) MN69 BOOSTER, DEMO CHG, M152 | | | | | | | | | | | | | | | | | | | |
| † 25.1) MN69 COMPLETE ROUND | A | - | - | 0.400 | - | - | - | 7.93 | 25,221 | 0.200 | - | - | - | - | - | - | - | - | - |
| 25.2) MN69 PRODUCTION ENGINEERING | A | - | - | - | - | - | 0.048 | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 25) MN69 BOOSTER, DEMO CHG, M152</i> | | | | 0.400 | | | 0.048 | | | 0.200 | | | 0.000 | | | 0.000 | | | 0.000 |
| 26) MU42 CORD, DET, 100 GRNS PER FT | | | | | | | | | | | | | | | | | | | |
| † 26.1) MU42 COMPLETE ROUND | A | - | - | - | - | - | - | 0.13 | 2,307,692 | 0.300 | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 26) MU42 CORD, DET, 100 GRNS PER FT</i> | | | | 0.000 | | | 0.000 | | | 0.300 | | | 0.000 | | | 0.000 | | | 0.000 |
| Total | | | | 10,016.826 | | | 22.953 | | | 30.617 | | | 2.047 | | | 1.391 | | | 3.438 |

Remarks:

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

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

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

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

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

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

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

P-1 Line Item Nomenclature:
1625 - Fuze, All Types

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

| Resource Summary | Prior Years | FY 2011 | FY 2012 | FY 2013 Base | FY 2013 OCO | FY 2013 Total | FY 2014 | FY 2015 | FY 2016 | FY 2017 | To Complete | Total |
|--|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|-------------|------------|
| Procurement Quantity (Each) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (\$ in Millions) | - | 43.737 | 14.443 | 5.297 | 30.945 | 36.242 | 52.107 | 27.866 | 5.313 | 5.314 | Continuing | Continuing |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | - | 43.737 | 14.443 | 5.297 | 30.945 | 36.242 | 52.107 | 27.866 | 5.313 | 5.314 | Continuing | Continuing |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | - | 43.737 | 14.443 | 5.297 | 30.945 | 36.242 | 52.107 | 27.866 | 5.313 | 5.314 | Continuing | Continuing |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Initial Spares (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

Base Appropriation Request:

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

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

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

FY13 Overseas Contingency Operations request (OCO):

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

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

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|--|---|---------------------------------|
| Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy | | Date: February 2012 |
| Appropriation / Budget Activity / Budget Sub Activity: 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition | P-1 Line Item Nomenclature: 1625 - Fuze, All Types | |
| ID Code (A=Service Ready, B=Not Service Ready) : A | Program Elements for Code B Items: | Other Related Program Elements: |

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

Justification:

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1625 - Fuze, All Types **Aggregated Item Name:** Fuze, All Types

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1625 - Fuze, All Types **Aggregated Item Name:** Fuze, All Types

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

Remarks:

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1625 - Fuze, All Types **Aggregated Item Name:** Fuze, All Types

| COST ELEMENTS Units in Thousands | | | | | | | Fiscal Year 2011 | | | | | | | | | | | | | Fiscal Year 2012 | | | | | | | | | | | | |
|-------------------------------------|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|
| O C O | MFR Ref # | FY | SERVICE [±] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2011 | | | | | | | | | | | | | Calendar Year 2012 | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L | |
| 1) N340 FUZE PD M739A1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1) N340 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 55 | 2010 | NAVY (6) | 200 | 0 | 200 | - | - | - | - | - | - | - | - | - | - | - | - | - | 25 | - | 25 | - | 25 | - | 25 | - | 25 | - | 25 | 50 | |
| | 55 | 2011 | NAVY | 51.59 | 0 | 51.59 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 51.59 | |
| | 55 | 2012 | NAVY (7) | 51.34 | 0 | 51.34 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 51.34 | |
| ✓ | 55 | 2012 | NAVY (8) | 62.8 | 0 | 62.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 62.8 | |
| | 55 | 2013 | NAVY | 54.64 | 0 | 54.64 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 54.64 | |
| ✓ | 55 | 2013 | NAVY | 60.13 | 0 | 60.13 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 60.13 | |
| 2) NA17 FUZE ELECTRONIC TIME M762A1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1) NA17 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 56 | 2010 | NAVY | 122 | 0 | 122 | - | - | - | - | - | 122 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 56 | 2011 | NAVY | 17.56 | 0 | 17.56 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 17.56 | |
| | 56 | 2012 | NAVY | 15.16 | 0 | 15.16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 15.16 | |
| 3) NA28 PRECISION GUIDED KIT (NPGK) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.1) NA28 COMPLETE FUZE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 57 | 2011 | NAVY | .543 | 0 | .543 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.543 | |
| ✓ | 57 | 2011 | NAVY | 1.749 | 0 | 1.749 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1.749 | |
| ✓ | 57 | 2013 | NAVY | 1.749 | 0 | 1.749 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1.749 | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | |

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1625 - Fuze, All Types **Aggregated Item Name:** Fuze, All Types

| COST ELEMENTS Units in Thousands | | | | | | | Fiscal Year 2013 | | | | | | | | | | | | | Fiscal Year 2014 | | | | | | | | | | | |
|-------------------------------------|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| O C O | MFR Ref # | FY | SERVICE [±] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2013 | | | | | | | | | | | | | Calendar Year 2014 | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| 1) N340 FUZE PD M739A1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1) N340 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 55 | 2010 | NAVY (6) | 200 | 150 | 50 | - | 25 | - | 25 | | | | | | | | | | | | | | | | | | | | | |
| | 55 | 2011 | NAVY | 51.59 | 0 | 51.59 | - | - | - | - | - | 15 | 15 | 15 | 6.586 | | | | | | | | | | | | | | | | |
| | 55 | 2012 | NAVY (7) | 51.34 | 0 | 51.34 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4.06 | 15 | 32.28 | | |
| ✓ | 55 | 2012 | NAVY (8) | 62.8 | 0 | 62.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5.24 | 5.23 | 5.24 | 5.23 | 5.23 | 5.24 | 5.23 | 26.16 | |
| | 55 | 2013 | NAVY | 54.64 | 0 | 54.64 | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 54.64 | | | |
| ✓ | 55 | 2013 | NAVY | 60.13 | 0 | 60.13 | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 60.13 | | | |
| 2) NA17 FUZE ELECTRONIC TIME M762A1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1) NA17 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 56 | 2010 | NAVY | 122 | 122 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 56 | 2011 | NAVY | 17.56 | 0 | 17.56 | - | - | - | - | - | 17.56 | | | | | | | | | | | | | | | | | | | |
| | 56 | 2012 | NAVY | 15.16 | 0 | 15.16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 15.16 | | | | |
| 3) NA28 PRECISION GUIDED KIT (NPGK) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.1) NA28 COMPLETE FUZE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 57 | 2011 | NAVY | .543 | 0 | .543 | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | .107 | .108 | .108 | .108 | .112 | | | | | |
| ✓ | 57 | 2011 | NAVY | 1.749 | 0 | 1.749 | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | .15 | .496 | .496 | .496 | .111 | | | | | |
| ✓ | 57 | 2013 | NAVY | 1.749 | 0 | 1.749 | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | .15 | .496 | .496 | .496 | .111 | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | |

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1625 - Fuze, All Types **Aggregated Item Name:** Fuze, All Types

| COST ELEMENTS Units in Thousands | | | | | | | Fiscal Year 2015 | | | | | | | | | | Fiscal Year 2016 | | | | | | | | | | | | | |
|-------------------------------------|--------------|------|----------------------|-------------|-------------------------------|---------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| O C O | MFR Ref # | FY | SERVICE [‡] | PROC QTY | ACCEP PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | Calendar Year 2015 | | | | | | | | | | | | Calendar Year 2016 | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P |
| 1) N340 FUZE PD M739A1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1) N340 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 55 | 2010 | NAVY (6) | 200 | 200 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 55 | 2011 | NAVY | 51.59 | 51.59 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 55 | 2012 | NAVY (7) | 51.34 | 19.06 | 32.28 | 15 | 15 | 2.28 | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 55 | 2012 | NAVY (8) | 62.8 | 36.64 | 26.16 | 5.24 | 5.23 | 5.23 | 5.24 | 5.22 | | | | | | | | | | | | | | | | | | | |
| | 55 | 2013 | NAVY | 54.64 | 0 | 54.64 | - | - | - | - | - | 15 | 15 | 15 | 9.635 | | | | | | | | | | | | | | | |
| ✓ | 55 | 2013 | NAVY | 60.13 | 0 | 60.13 | - | - | - | - | - | - | - | - | 5.37 | 15 | 15 | 15 | 9.762 | | | | | | | | | | | |
| 2) NA17 FUZE ELECTRONIC TIME M762A1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1) NA17 COMPLETE ROUND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 56 | 2010 | NAVY | 122 | 122 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 56 | 2011 | NAVY | 17.56 | 17.56 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 56 | 2012 | NAVY | 15.16 | 15.16 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 3) NA28 PRECISION GUIDED KIT (NPGK) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.1) NA28 COMPLETE FUZE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 57 | 2011 | NAVY | .543 | .543 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 57 | 2011 | NAVY | 1.749 | 1.749 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ | 57 | 2013 | NAVY | 1.749 | 1.749 | 0 | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

Remarks:
‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.
⁽⁶⁾ Delivery for N340 Complete Round goes beyond 12 months.
⁽⁷⁾ Delivery for N340 Complete Round goes beyond 12 months.
⁽⁸⁾ Delivery for N340 Complete Round goes beyond 12 months.

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

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

P-1 Line Item Nomenclature:
 1628 - Non Lethals

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

| Resource Summary | Prior Years | FY 2011 | FY 2012 | FY 2013 Base | FY 2013 OCO | FY 2013 Total | FY 2014 | FY 2015 | FY 2016 | FY 2017 | To Complete | Total |
|--|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|-------------|--------|
| Procurement Quantity (Each) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (\$ in Millions) | 2.576 | 3.424 | 3.639 | 1.362 | 0.008 | 1.370 | 7.467 | 7.971 | 11.970 | 12.943 | 0.000 | 51.360 |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 2.576 | 3.424 | 3.639 | 1.362 | 0.008 | 1.370 | 7.467 | 7.971 | 11.970 | 12.943 | 0.000 | 51.360 |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 2.576 | 3.424 | 3.639 | 1.362 | 0.008 | 1.370 | 7.467 | 7.971 | 11.970 | 12.943 | 0.000 | 51.360 |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Initial Spares (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

Base Appropriation Request:

The Cartridge, 12 Gauge Non-Lethal Point Control M1012 (DODIC AA51) ammunition is intended for use in crowd control situations where non-lethal force is desired. This cartridge is used with the M500, M590, and M870 12-gauge, auto loading, and pump-action shotguns. The transparent plastic sleeve contains a rubber, fin stabilized projectile. This item will replace DODICs AA29 and AA31 for future requirements.

The Cartridge, 40mm XM/M1006, Non-Lethal (Sponge Grenade) (DODIC BA06) is intended for use in scenarios where lethal incapacitating force is not warranted. The cartridge is used in the M203 Grenade Launcher.

The Grenade, 66mm Anti-Riot CS (orthochlorobenzalmalonitrile) L96E1 (DODIC FZ14), is used in the Light Vehicle Obscurant Smoke System (LVOSS). It is comprised of 23 individual canisters remotely fired from the vehicle interior.

The Grenade, Rubber Ball Non-Lethal (DODIC GG04) is used in crowd control situations where non-lethal force is desired. The grenade body is a rubber sphere that contains a fuze well liner and is filled with a minimum of 100 rubber ball fragments.

The Charge, Diversionary, Bottom Top Venting, BTV-1, (DODIC GG20) is a pyrotechnic device (grenade) used for diversionary purposes. The diversionary charge is a low hazard, nonshrapnel producing explosive device that produces intense flash and sound report. This replaces the Charge, Diversionary MK141 Mod 0 (DODIC DWBS) due to safety and reliability concerns.

The Mission Payload Module - Non-Lethal Weapons System (MPM-NLWS) (DODIC MPMN) will provide the war-fighter a non-lethal counter-personnel capability. The system will support missions requiring crowd control, and will deny, defend and control area access while allowing the war-fighter to engage threats at standoff ranges and protect noncombatants.

FY13 Overseas Contingency Operations Request (OCO):

DODIC BA06, FY13 = \$0.008. Lack of funding to replace combat expenditures will further erode the USMC's War Reserve Munitions Requirement stockpile and negatively affect our ability to execute another MCO, if required.

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| Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy | Date: February 2012 |
| Appropriation / Budget Activity / Budget Sub Activity: 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition | P-1 Line Item Nomenclature: 1628 - Non Lethals |

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

| Item Schedule | | Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | | |
|---------------------------------------|-----------|-------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| Item Nomenclature* | Exhibits | ID CD | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| Non Lethals (See enclosed P-40A) | P40A, P5A | | | | 2.576 | | | 3.424 | | | 3.639 | | | 1.362 | | | 0.008 | | | 1.370 |
| Total Gross/Weapon System Cost | | | | | 2.576 | | | 3.424 | | | 3.639 | | | 1.362 | | | 0.008 | | | 1.370 |

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

Justification:

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1628 - Non Lethals **Aggregated Item Name:** Non Lethals

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|--|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| RUBBER BALL NON-LETHAL | | | | | | | | | | | | | | | | | | | |
| 5) GG20 GRENADE, HAND STUD, BTV-1 BL | | | | | | | | | | | | | | | | | | | |
| † 5.1) GG20 COMPLETE ROUND | A | - | - | 2.260 | 57.64 | 54,667 | 3.151 | - | - | - | 55.02 | 6,579 | 0.362 | - | - | - | 55.02 | 6,579 | 0.362 |
| 5.2) GG20 PRODUCTION ENGINEERING | A | - | - | 0.021 | - | - | 0.209 | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 5) GG20 GRENADE, HAND STUD, BTV-1 BL</i> | | | | 2.281 | | | 3.360 | | | 0.000 | | | 0.362 | | | 0.000 | | | 0.362 |
| 6) MISSION PAYLOAD MODULE NON-LETHAL | | | | | | | | | | | | | | | | | | | |
| 6.1) MPMN COMPLETE ROUND | A | - | - | 0.000 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <i>Subtotal 6) MISSION PAYLOAD MODULE NON-LETHAL</i> | | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 | | | 0.000 |
| Total | | | | 2.576 | | | 3.424 | | | 3.639 | | | 1.362 | | | 0.008 | | | 1.370 |

Remarks:

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

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

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

P-1 Line Item Nomenclature:
 1630 - Ammo Modernization

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

| Resource Summary | Prior Years | FY 2011 | FY 2012 | FY 2013 Base | FY 2013 OCO | FY 2013 Total | FY 2014 | FY 2015 | FY 2016 | FY 2017 | To Complete | Total |
|--|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|-------------|------------|
| Procurement Quantity (Each) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (\$ in Millions) | 8.859 | 10.418 | 8.557 | 4.566 | - | 4.566 | 8.556 | 9.354 | 11.262 | 11.927 | Continuing | Continuing |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 8.859 | 10.418 | 8.557 | 4.566 | - | 4.566 | 8.556 | 9.354 | 11.262 | 11.927 | Continuing | Continuing |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 8.859 | 10.418 | 8.557 | 4.566 | - | 4.566 | 8.556 | 9.354 | 11.262 | 11.927 | Continuing | Continuing |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Initial Spares (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

The 40MM Ammunition Modernization (DODIC AM01) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.

The Rockets Ammunition Modernization (DODIC AM02) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.

The Line charges Ammunition Modernization (DODIC AMO3) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.

The Components Ammunition Modernization (DODIC AM04) consists of the procurement of components of various items/DODICs and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.

The Missiles Ammunition Modernization (DODIC AM05) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.

The Quality Evaluation Ammunition Modernization (DODIC AM06) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.

Ammunition modernization (DODIC AMMO MOD) consists of the procurement of components, end item modernization, repacking of modernized material and upgrading ammunition stocks suspended from use, and/or declared unsafe or unserviceable.

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

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

P-1 Line Item Nomenclature:
 1630 - Ammo Modernization

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

| Item Schedule | | ID CD | Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|---|----------|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| Item Nomenclature* | Exhibits | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| Ammo Modernization (See enclosed P-40A) | P40A | | | | 8.859 | | | 10.418 | | | 8.557 | | | 4.566 | | | 0.000 | | | 4.566 |
| Total Gross/Weapon System Cost | | | | | 8.859 | | | 10.418 | | | 8.557 | | | 4.566 | | | - | | | 4.566 |

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

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

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

Appropriation / Budget Activity / Budget Sub Activity: 1508N / BA 2 / BSA 1 **P-1 Line Item Nomenclature:** 1630 - Ammo Modernization **Aggregated Item Name:** Ammo Modernization

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|---|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| 1) Ammo Modernization | | | | | | | | | | | | | | | | | | | |
| 1.1) AM01, CTG, 40MM | A | - | - | 1.711 | - | - | 0.042 | - | - | 1.571 | - | - | 0.884 | - | - | - | - | - | 0.884 |
| 1.2) AM02, ROCKETS AMMO MOD | A | - | - | 1.409 | - | - | - | - | - | 1.532 | - | - | 0.801 | - | - | - | - | - | 0.801 |
| 1.3) AM03, LINE CHARGE AMMO MOD | A | - | - | 1.409 | - | - | - | - | - | 1.532 | - | - | 0.801 | - | - | - | - | - | 0.801 |
| 1.4) AM04, COMPONENTS AMMO MOD | A | - | - | 1.409 | - | - | - | - | - | 1.220 | - | - | 0.801 | - | - | - | - | - | 0.801 |
| 1.5) AM05, MISSILE COMP AMMO MOD | A | - | - | 1.409 | - | - | - | - | - | 1.532 | - | - | 0.801 | - | - | - | - | - | 0.801 |
| 1.6) AM06, QUAL EVAL AMMO MOD | A | - | - | 1.506 | - | - | 10.376 | - | - | 1.121 | - | - | 0.463 | - | - | - | - | - | 0.463 |
| 1.7) AMMO, AMMO MOD | A | - | - | 0.006 | - | - | - | - | - | 0.049 | - | - | 0.015 | - | - | - | - | - | 0.015 |
| <i>Subtotal 1) Ammo Modernization</i> | | | | 8.859 | | | 10.418 | | | 8.557 | | | 4.566 | | | 0.000 | | | 4.566 |
| Total | | | | 8.859 | | | 10.418 | | | 8.557 | | | 4.566 | | | 0.000 | | | 4.566 |

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

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

P-1 Line Item Nomenclature:
1660 - Items less than \$5 million

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

| Resource Summary | Prior Years | FY 2011 | FY 2012 | FY 2013 Base | FY 2013 OCO | FY 2013 Total | FY 2014 | FY 2015 | FY 2016 | FY 2017 | To Complete | Total |
|--|--------------------|----------------|----------------|---------------------|--------------------|----------------------|----------------|----------------|----------------|----------------|--------------------|--------------|
| Procurement Quantity (Each) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (\$ in Millions) | 5.534 | 5.314 | 4.510 | 6.010 | 0.012 | 6.022 | 5.201 | 5.197 | 5.250 | 5.470 | Continuing | Continuing |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 5.534 | 5.314 | 4.510 | 6.010 | 0.012 | 6.022 | 5.201 | 5.197 | 5.250 | 5.470 | Continuing | Continuing |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 5.534 | 5.314 | 4.510 | 6.010 | 0.012 | 6.022 | 5.201 | 5.197 | 5.250 | 5.470 | Continuing | Continuing |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Initial Spares (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

Base Appropriation Request:

This funding (DODIC A001) procures the components used in building small arms cartridges in support of the Marine Corps Rifle Team, Quantico, Virginia.

The First Destination Transportation Charge (FDTC) funds the distribution of Marine Corps' ammunition end items from manufacturing plants assembly points. These funds directly support training and readiness requirements of Marines in the field (CONUS or OCONUS).

The Marine Security Guard Battalion (MSGB) funds the Marine Security Guard Battalion ammunition requirements which are procured through the U.S. State Department.

FY13 Overseas Contingency Operations Request (OCO):

DODIC FDTC, = \$0.012. The OCO First Destination Transportation (FDT) funds the OCO procured ammunition and components from the contractor's plant to the initial point of receipt for subsequent shipment to its destination.

| Item Schedule | | Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | | |
|--|-----------------|--------------------|-----------------------|-------------------|--------------------------|-----------------------|-------------------|--------------------------|-----------------------|-------------------|--------------------------|-----------------------|-------------------|--------------------------|-----------------------|-------------------|--------------------------|-----------------------|-------------------|--------------------------|
| Item Nomenclature* | Exhibits | ID CD | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| Items less than \$5 million (See enclosed P-40A) | P40A | | | | 5.534 | | | 5.314 | | | 4.510 | | | 6.010 | | | 0.012 | | | 6.022 |
| Total Gross/Weapon System Cost | | | | | 5.534 | | | 5.314 | | | 4.510 | | | 6.010 | | | 0.012 | | | 6.022 |

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

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| Exhibit P-40, Budget Item Justification Sheet: PB 2013 Navy | | Date: February 2012 |
| Appropriation / Budget Activity / Budget Sub Activity: 1508N : Procurement of Ammo, Navy & MC / BA 2 : Proc Ammo, MC / BSA 1 : Marine Corps Ammunition | P-1 Line Item Nomenclature: 1660 - Items less than \$5 million | |
| ID Code (A=Service Ready, B=Not Service Ready) : A | Program Elements for Code B Items: | Other Related Program Elements: |
| Justification: | | |
| | | |

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

Appropriation / Budget Activity / Budget Sub Activity:
1508N / BA 2 / BSA 1

P-1 Line Item Nomenclature:
1660 - Items less than \$5 million

Aggregated Item Name:
Items less than \$5 million

| Items († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2011 | | | FY 2012 | | | FY 2013 Base | | | FY 2013 OCO | | | FY 2013 Total | | |
|--|----------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|-------------------|---------------|----------------------|
| | | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$) | Qty (Each) | Total Cost (\$ M) |
| 1) Items Less than \$5M | | | | | | | | | | | | | | | | | | | |
| 1.1) A001, RIFLE TEAM AMMUNITION | A | - | - | - | - | - | - | - | - | - | - | - | 0.199 | - | - | - | - | - | - |
| 1.2) DRUG INT, DRUG INTERDICTION | A | - | - | 0.337 | - | - | 0.268 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.3) FDTG, FIRST DESTINATION TRANSPORTATION CHARGE | A | - | - | 4.797 | - | - | 5.046 | - | - | 4.110 | - | - | 5.411 | - | - | 0.012 | - | - | - |
| 1.4) MSGB, MARINE SECURITY GUARD BATTALION AMMO | A | - | - | 0.400 | - | - | - | - | - | 0.400 | - | - | 0.400 | - | - | - | - | - | - |
| <i>Subtotal 1) Items Less than \$5M</i> | | | | 5.534 | | | 5.314 | | | 4.510 | | | 6.010 | | | 0.012 | | | 6.022 |
| Total | | | | 5.534 | | | 5.314 | | | 4.510 | | | 6.010 | | | 0.012 | | | 6.022 |

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