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Exhibit P-40, Budget Line Item Justification: PB 2020 Navy **Date:** March 2019

Appropriation / Budget Activity / Budget Sub Activity: 1507N: Weapons Procurement, Navy / BA 02: Other Missiles / BSA 2: Tactical Missiles	P-1 Line Item Number / Title: 2234 / Standard Missile
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: 000

Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	681	125	125	-	125	125	135	135	145	200	429	2,100
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,811.149	491.260	490.210	0.000	488.312	488.312	610.836	672.603	664.645	902.917	2,234.618	9,366.550
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	0.000	83.789	83.789	83.623	83.499	83.343	-	-	334.254
Net Procurement (P-1) (<i>\$ in Millions</i>)	2,811.149	491.260	490.210	0.000	404.523	404.523	527.213	589.104	581.302	902.917	2,234.618	9,032.296
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	125.683	0.000	96.085	96.085	66.696	45.790	-	-	-	334.254
Total Obligation Authority (<i>\$ in Millions</i>)	2,811.149	491.260	615.893	0.000	500.608	500.608	593.909	634.894	581.302	902.917	2,234.618	9,366.550

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

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	4,127.972	3,930.080	3,921.680	-	3,906.496	3,906.496	4,524.711	4,982.244	4,583.759	4,514.585	5,208.900	4,460.262

Description:

FY 2020 funding totals include \$0.0M for Base and \$500.608M for Overseas Contingency Operations (OCO); of which \$500.608M and 125 quantity is realigned as part of the OCO for Base Requirements. FY 2020 OCO for Base Requirements is OCO funding for base budget requirements in support of the National Defense Strategy. The Budget requests these funds in OCO to comply with the base budget defense caps included in the Budget Control Act of 2011.

Prior Year (PY) Advance Procurement funding in the amount of \$83.789M is an FY 2019 Base Requirement, but is reflected as OCO in this exhibit to show the Total Obligation Authority.

The SM-6 Block I provides an extended range engagement capability to provide the air superiority and the umbrella of protection for joint U.S. forces and allies against the full spectrum of manned-fixed and rotary-winged aircraft, unmanned aerial vehicles, and land attack and anti-ship cruise missiles in flight. This capability contributes significantly to the continuous protection of forward deployed ground maneuver forces as well as theater rear assets.

The SM-6 is the primary extended range air defense weapon for AEGIS cruisers and destroyers and potentially future combatants.

The program was approved for a five-year Multiyear Procurement beginning in FY 2019 and completing in FY 2023. Advance Procurement information is provided in exhibit 2234C.

The Accelerated Acquisition Board of Directors (AA BoD) met on 17 January 2018 and approved the designation of the SM-6 Block IB Phase IA as a Rapid Prototyping, Experimentation, and Demonstration (RPED) project. This designation acknowledged the requirement to expedite the development, acquisition, and fielding of the SM-6 Block IB to Naval Forces. The AA BoD met 9 November 2018 and directed SM-6 BLKIB to commence All Up Round prototyping (Phase IB).

SM-6 BLKIB funding begins in FY21. The SM-6 BLKIB program leverages existing missile technology and advanced missile technology. It aligns with the STANDARD Missile roadmap and takes advantage of the Navy's investment in the AEGIS Weapon System (AWS). This missile will provide an extended range capability for SM-6 and will be a key contributor to the protection of Joint U.S. Forces in support of the 2018 National Defense Strategy. SM-6 Block IB addresses valid Joint, Fleet, and Navy Urgent Operational Needs and existing JROC-approved requirements.

WIB MAT Project 1 also begins in FY21. Additional details are held at a higher classification.

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Exhibit P-40, Budget Line Item Justification: PB 2020 Navy **Date:** March 2019

Appropriation / Budget Activity / Budget Sub Activity: 1507N: Weapons Procurement, Navy / BA 02: Other Missiles / BSA 2: Tactical Missiles	P-1 Line Item Number / Title: 2234 / Standard Missile
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: 000

Exhibits Schedule					Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	1 / STANDARD MISSILE	P-5a, P-21			681 / 2,811.149	125 / 491.260	125 / 490.210	- / 0.000	125 / 488.312	125 / 488.312
P-40	Total Gross/Weapon System Cost				681 / 2,811.149	125 / 491.260	125 / 490.210	- / 0.000	125 / 488.312	125 / 488.312

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

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

Justification:
 SM-6 BLKI/IA: FY 2020 provides funding to procure 125 SM-6 Block I and SM-6 Block IA missiles to support warfighter requirements as well as required support costs such as production engineering, Diminishing Manufacturing Sources (DMS), containers, fleet documentation, and install/checkout equipment.

The budget reflects a funding profile for a five-year Multiyear Procurement beginning in FY 2019 and completing in FY 2023. Advance Procurement information is provided in exhibit 2234C (P10).

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Exhibit P-5, Cost Analysis: PB 2020 Navy		Date: March 2019
Appropriation / Budget Activity / Budget Sub Activity: 1507N / 02 / 2	P-1 Line Item Number / Title: 2234 / Standard Missile	Item Number / Title [DODIC]: 1 / STANDARD MISSILE

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (<i>Units in Each</i>)	681	125	125	-	125	125
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,811.149	491.260	490.210	0.000	488.312	488.312
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	0.000	83.789	83.789
Net Procurement (P-1) (<i>\$ in Millions</i>)	2,811.149	491.260	490.210	0.000	404.523	404.523
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	125.683	0.000	96.085	96.085
Total Obligation Authority (<i>\$ in Millions</i>)	2,811.149	491.260	615.893	0.000	500.608	500.608

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

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	4,127.972	3,930.080	3,921.680	-	3,906.496	3,906.496

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Hardware - SM-6 Cost																		
Recurring Cost																		
1.1.1) FE002 SM-6 Block I All Up Round Missile ^(†)	2,773.075	681	1,888.464	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.2) FE002 SM-6 Block IA ECP ^(†)	-	-	345.841	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.3) FE002 SM-6 Block I/IA All Up Round Missile ^(†) (2)	-	-	-	3,355.896	125	419.487	3,331.056	125	416.382	-	-	0.000	3,294.640	125	411.830	3,294.640	125	411.830
1.1.6) FE002 Canister - SM-6 Block I/IA (Mk 21 Mod 3/Mod 4) ^(†) (3)	237.988	681	162.070	219.424	125	27.428	230.928	125	28.866	-	-	0.000	235.552	125	29.444	235.552	125	29.444
1.1.8) FE002 Production Start Up	-	-	28.102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	2,424.477	-	-	446.915	-	-	445.248	-	-	0.000	-	-	441.274	-	-	441.274
Subtotal: Hardware - SM-6 Cost	-	-	2,424.477	-	-	446.915	-	-	445.248	-	-	0.000	-	-	441.274	-	-	441.274
Support - SM-6 Cost Cost																		
2.1) FE831 Production Engineering/Support	-	-	184.127	-	-	26.904	-	-	27.669	-	-	0.000	-	-	27.943	-	-	27.943
2.2) FE851 Component Improvement	-	-	93.930	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2020 Navy													Date: March 2019					
Appropriation / Budget Activity / Budget Sub Activity: 1507N / 02 / 2							P-1 Line Item Number / Title: 2234 / Standard Missile						Item Number / Title [DODIC]: 1 / STANDARD MISSILE					
ID Code (A=Service Ready, B=Not Service Ready) :										MDAP/MAIS Code:								

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 Total		
	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
2.3) FE851 Diminishing Manufacturing Sources (DMS) ⁽⁴⁾	-	-	50.250	-	-	13.380	-	-	13.156	-	-	0.000	-	-	14.878	-	-	14.878
2.4) FE951 Tools and Test Equipment	-	-	13.968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.5) FE958 Containers	-	-	1.591	-	-	0.228	-	-	0.232	-	-	0.000	-	-	0.236	-	-	0.236
2.6) FE981 ILS/Fleet Documentation	-	-	5.822	-	-	0.657	-	-	0.670	-	-	0.000	-	-	0.683	-	-	0.683
2.7) FE971 Install/Checkout Equip/Training Material	-	-	35.881	-	-	3.176	-	-	3.235	-	-	0.000	-	-	3.298	-	-	3.298
Subtotal: Support - SM-6 Cost Cost	-	-	385.569	-	-	44.345	-	-	44.962	-	-	0.000	-	-	47.038	-	-	47.038
Support - Other Cost																		
3.1) WAXXX Acquisition Workforce Fund - 2009	-	-	1.103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Support - Other Cost	-	-	1.103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	4,127.972	681	2,811.149	3,930.080	125	491.260	3,921.680	125	490.210	-	-	0.000	3,906.496	125	488.312	3,906.496	125	488.312

(t) indicates the presence of a P-5a

Footnotes:

- (1) Production cut-in decision for the Engineering Change Proposal (ECP) for the SM-6 Block IA configuration was included in the FY 2015 SM-6 Production Contract. The ECP cost line shown in FY 2017 is additional cost required to implement the ECP and procure the maximum number of SM-6 Block IA All Up Rounds (AURs), limited by maximum production rate. The Navy will procure SM-6 Block I and SM-6 Block IA missiles, not to exceed the quantities shown here. Further detail can be provided at a higher classification level. The SM-6 Block IA ECP will be at FRP procurement rates starting with the FY2018 procurement deliveries. Further detail can be provided at a higher classification level.
- (2) FY 2018 combined cost code 1.1.1) FE002 SM-6 Block I All UP Round Missile and 1.1.2) FE002 SM-6 Block IA ECP into 1.1.3) SM-6 Block I/IA All Up Round Missile to provide the blended costs of the Block I and Block IA missiles. The Navy remains committed to procuring the maximum number of SM-6 Block IAs, limited by maximum production rate. The SM-6 Block IAs are more technologically advanced than the SM-6 Block I and therefore have higher unit cost. The budget reflects a funding profile for a five-year Multiyear Procurement beginning in FY 2019 and completing in FY 2023. Advance Procurement information is provided in exhibit 2234C.
- (3) Canisters are not procured through the prime contractor and are not included in the Multiyear Procurement Contract. FY 2019 increase due to the mix of missiles being procured. Mod 3 Canisters are procured for both BLKI and BLKIA, but require additional cost for parts and engineering to convert the BLKI Mod 3 Canisters into BLKIA Mod 4 canisters. The increase in FY 2019 reflects the additional procurement of BLKIAs.
- (4) FY 2019 to FY 2020 increase is due to obsolete parts/source volatility leading to increase in life-of-type procurements.

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Exhibit P-5a, Procurement History and Planning: PB 2020 Navy								Date: March 2019				
Appropriation / Budget Activity / Budget Sub Activity: 1507N / 02 / 2			P-1 Line Item Number / Title: 2234 / Standard Missile					Item Number / Title [DODIC]: 1 / STANDARD MISSILE				
Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) FE002 SM-6 Block I All Up Round Missile ^(†)		2013	Raytheon CO . / Tucson, AZ	SS / FP	NAVSEA	Sep 2013	Apr 2015	89	2,762.551	Y		
1.1.1) FE002 SM-6 Block I All Up Round Missile ^(†)		2014	Raytheon CO .. / Tucson, AZ	SS / FP	NAVSEA	Jun 2014	Apr 2016	93	2,570.151	Y		
1.1.1) FE002 SM-6 Block I All Up Round Missile ^(†)		2015 ⁽⁵⁾	Raytheon CO / Tucson AZ	SS / FP	NAVSEA	Apr 2015	Apr 2017	95	2,535.000	Y		
1.1.1) FE002 SM-6 Block I All Up Round Missile ^(†)		2016	Raytheon CO / Tucson AZ	SS / FP	NAVSEA	Apr 2016	Apr 2018	101	2,532.000	Y		
1.1.1) FE002 SM-6 Block I All Up Round Missile ^(†)		2017	Raytheon CO ... / Tucson AZ	SS / FP	NAVSEA	Apr 2018	Apr 2019	125	2,209.528	Y		
1.1.3) FE002 SM-6 Block I/IA All Up Round Missile ^(†)		2018	Raytheon CO ⁽⁶⁾ / Tucson AZ	SS / FP	NAVSEA	Apr 2018	Apr 2020	117	3,327.504	Y		
1.1.3) FE002 SM-6 Block I/IA All Up Round Missile ^(†)	✓	2018	Raytheon CO ⁽⁶⁾ / Tucson AZ	SS / FP	NAVSEA	Apr 2018	Apr 2020	8	3,771.125	Y		
1.1.3) FE002 SM-6 Block I/IA All Up Round Missile ^(†)		2019	Raytheon CO ⁽⁶⁾ / Tucson AZ	SS / FP	NAVSEA	Apr 2019	Apr 2021	125	3,331.056	Y		
1.1.3) FE002 SM-6 Block I/IA All Up Round Missile ^(†)	✓	2020	Raytheon CO ⁽⁶⁾ / Tucson AZ	SS / FP	NAVSEA	Apr 2020	Apr 2022	125	3,294.640	Y		
1.1.6) FE002 Canister - SM-6 Block I/IA (Mk 21 Mod 3/Mod 4) ^(†)		2014	BAE-FY2014 / Minneapolis, MN	SS / FP	NAVSEA	Dec 2013	Aug 2015	93	216.553	Y		
1.1.6) FE002 Canister - SM-6 Block I/IA (Mk 21 Mod 3/Mod 4) ^(†)		2015	BAE / Minneapolis, MN	SS / FP	NAVSEA	Mar 2015	May 2016	95	218.920	Y		
1.1.6) FE002 Canister - SM-6 Block I/IA (Mk 21 Mod 3/Mod 4) ^(†)		2016	BAE / Minneapolis, MN	SS / FP	NAVSEA	Mar 2016	May 2017	101	253.099	Y		
1.1.6) FE002 Canister - SM-6 Block I/IA (Mk 21 Mod 3/Mod 4) ^(†)		2017	BAE / Minneapolis, MN	SS / FP	NAVSEA	Mar 2017	May 2018	125	211.672	Y		
1.1.6) FE002 Canister - SM-6 Block I/IA (Mk 21 Mod 3/Mod 4) ^(†)		2018	BAE / Minneapolis, MN	SS / FP	NAVSEA	Mar 2018	May 2019	117	216.342	Y		
1.1.6) FE002 Canister - SM-6 Block I/IA (Mk 21 Mod 3/Mod 4) ^(†)	✓	2018	BAE / Minneapolis, MN	SS / FP	NAVSEA	Mar 2018	May 2019	8	264.500	Y		
1.1.6) FE002 Canister - SM-6 Block I/IA (Mk 21 Mod 3/Mod 4) ^(†)		2019	TBD / TBD	SS / FP	NAVSEA	Mar 2019	May 2020	125	230.928	Y		
1.1.6) FE002 Canister - SM-6 Block I/IA (Mk 21 Mod 3/Mod 4) ^(†)	✓	2020	TBD / TBD	SS / FP	NAVSEA	Mar 2020	May 2021	125	235.552	Y		

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Exhibit P-5a, Procurement History and Planning: PB 2020 Navy		Date: March 2019
Appropriation / Budget Activity / Budget Sub Activity: 1507N / 02 / 2	P-1 Line Item Number / Title: 2234 / Standard Missile	Item Number / Title [DODIC]: 1 / STANDARD MISSILE

^(†) indicates the presence of a P-21

Footnotes:

⁽⁵⁾ Production cut-in decision for the Engineering Change Proposal (ECP) for the SM-6 Block IA configuration was included in the FY 2015 SM-6 Production Contract. The ECP cost line shown in FY17 is additional cost required to implement the ECP and procure the maximum number of SM-6 Block IA All Up Rounds (AURs), limited by maximum production rate. The Navy will procure SM-6 Block I and SM-6 Block IA missiles, not to exceed the quantities shown here. Further detail can be provided at a higher classification level.

⁽⁶⁾ MSR reflects a ramp up to a stable production rate for SM-6 Block IA.

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Exhibit P-21, Production Schedule: PB 2020 Navy **Date:** March 2019

Appropriation / Budget Activity / Budget Sub Activity: 1507N / 02 / 2 **P-1 Line Item Number / Title:** 2234 / Standard Missile **Item Number / Title [DODIC]:** 1 / STANDARD MISSILE

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2015														Fiscal Year 2016												BALANCE		
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	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			
1.1.1) FE002 SM-6 Block I All Up Round Missile																																	
Prior Years Deliveries: 178																																	
	3	2013	NAVY	89	0	89	-	-	-	-	-	-	7	7	7	7	7	7	7	8	8	8	8	8				0					
	1	2014	NAVY	93	0	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7	7	8	8	8	48		
	2	2015	NAVY	95 ⁽⁷⁾	0	95							A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	95				
	2	2016	NAVY	101	0	101																							101				
	4	2017	NAVY	125	0	125																							125				
1.1.3) FE002 SM-6 Block I/IA All Up Round Missile ⁽²⁾																																	
	5	2018	NAVY	117	0	117																							117				
✓	5	2018	NAVY	8	0	8																							8				
	5	2019	NAVY	125	0	125																							125				
✓	5	2020	NAVY	125	0	125																							125				
1.1.6) FE002 Canister - SM-6 Block I/IA (Mk 21 Mod 3/Mod 4) ⁽³⁾																																	
Prior Years Deliveries: 267																																	
	7	2014	NAVY	93	0	93	-	-	-	-	-	-	-	-	-	10	12	12	12	12	12	12	12	11					0				
	8	2015	NAVY	95	0	95																							56				
	8	2016	NAVY	101	0	101																							101				
	8	2017	NAVY	125	0	125																							125				
	8	2018	NAVY	117	0	117																							117				
✓	8	2018	NAVY	8	0	8																							8				
	6	2019	NAVY	125	0	125																							125				
✓	6	2020	NAVY	125	0	125																							125				
							O C T	N O V	D E C	J A N	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, Production Schedule: PB 2020 Navy **Date:** March 2019

Appropriation / Budget Activity / Budget Sub Activity: 1507N / 02 / 2 **P-1 Line Item Number / Title:** 2234 / Standard Missile **Item Number / Title [DODIC]:** 1 / STANDARD MISSILE

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2017												Fiscal Year 2018												BALANCE		
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T O 1 O C T 2 0 1 6	BAL D U E A S O F 1 O C T	Calendar Year 2017												Calendar Year 2018												
							O C T	N O V	D E C	J A N	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
1.1.1) FE002 SM-6 Block I All Up Round Missile																															
Prior Years Deliveries: 178																															
	3	2013	NAVY	89	89	0																						0			
	1	2014	NAVY	93	45	48	8	8	8	8	8	8																0			
	2	2015	NAVY	95 ⁽⁷⁾	0	95	-	-	-	-	-	-	7	8	8	8	8	8	8	8	8	8	8					0			
	2	2016	NAVY	101	0	101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	8	8	53			
	4	2017	NAVY	125	0	125																	A -	-	-	-	-	125			
1.1.3) FE002 SM-6 Block I/IA All Up Round Missile ⁽²⁾																															
	5	2018	NAVY	117	0	117																	A -	-	-	-	-	117			
✓	5	2018	NAVY	8	0	8																	A -	-	-	-	-	8			
	5	2019	NAVY	125	0	125																					125				
✓	5	2020	NAVY	125	0	125																					125				
1.1.6) FE002 Canister - SM-6 Block I/IA (Mk 21 Mod 3/Mod 4) ⁽³⁾																															
Prior Years Deliveries: 267																															
	7	2014	NAVY	93	93	0																					0				
	8	2015	NAVY	95	39	56	8	8	8	8	8	8															0				
	8	2016	NAVY	101	0	101	-	-	-	-	-	-	7	8	8	8	8	8	9	9	9	9	9	9			0				
	8	2017	NAVY	125	0	125																			10	10	10	10	75		
	8	2018	NAVY	117	0	117																		A -	-	-	-	117			
✓	8	2018	NAVY	8	0	8																		A -	-	-	-	8			
	6	2019	NAVY	125	0	125																					125				
✓	6	2020	NAVY	125	0	125																					125				
							O C T	N O V	D E C	J A N	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, Production Schedule: PB 2020 Navy **Date:** March 2019

Appropriation / Budget Activity / Budget Sub Activity: 1507N / 02 / 2	P-1 Line Item Number / Title: 2234 / Standard Missile	Item Number / Title [DODIC]: 1 / STANDARD MISSILE
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2019												Fiscal Year 2020												BALANCE	
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	Calendar Year 2019												Calendar Year 2020												
							O C T	N O V	D E C	J A N	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
1.1.1) FE002 SM-6 Block I All Up Round Missile																															
Prior Years Deliveries: 178																															
	3	2013	NAVY	89	89	0																						0			
	1	2014	NAVY	93	93	0																						0			
	2	2015	NAVY	95 ⁽⁷⁾	95	0																						0			
	2	2016	NAVY	101	48	53	8	9	9	9	9	9																0			
	4	2017	NAVY	125	0	125	-	-	-	-	-	-	10	10	10	11	11	11	11	11	10	10	10	10				0			
1.1.3) FE002 SM-6 Block I/IA All Up Round Missile ⁽²⁾																															
	5	2018	NAVY	117	0	117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	9	10	10	10	60	
✓	5	2018	NAVY	8	0	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	2	
	5	2019	NAVY	125	0	125							A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	125		
✓	5	2020	NAVY	125	0	125																	A	-	-	-	-	-	-	125	
1.1.6) FE002 Canister - SM-6 Block I/IA (Mk 21 Mod 3/Mod 4) ⁽³⁾																															
Prior Years Deliveries: 267																															
	7	2014	NAVY	93	93	0																							0		
	8	2015	NAVY	95	95	0																							0		
	8	2016	NAVY	101	101	0																							0		
	8	2017	NAVY	125	50	75	10	10	11	11	11	11	11																0		
	8	2018	NAVY	117	0	117	-	-	-	-	-	-	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10		0		
✓	8	2018	NAVY	8	0	8	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1							0		
	6	2019	NAVY	125	0	125																							75		
✓	6	2020	NAVY	125	0	125																		A	-	-	-	-	-	125	
							O C T	N O V	D E C	J A N	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, Production Schedule: PB 2020 Navy **Date:** March 2019

Appropriation / Budget Activity / Budget Sub Activity: 1507N / 02 / 2 **P-1 Line Item Number / Title:** 2234 / Standard Missile **Item Number / Title [DODIC]:** 1 / STANDARD MISSILE

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2021												Fiscal Year 2022												BALANCE	
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2020	BAL DUE AS OF 1 OCT	Calendar Year 2021												Calendar Year 2022												
							O C T	N O V	D E C	J A N	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
1.1.1) FE002 SM-6 Block I All Up Round Missile																															
Prior Years Deliveries: 178																															
	3	2013	NAVY	89	89	0																							0		
	1	2014	NAVY	93	93	0																							0		
	2	2015	NAVY	95 ⁽⁷⁾	95	0																							0		
	2	2016	NAVY	101	101	0																							0		
	4	2017	NAVY	125	125	0																							0		
1.1.3) FE002 SM-6 Block I/IA All Up Round Missile ⁽²⁾																															
	5	2018	NAVY	117	57	60	10	10	10	10	10	10																	0		
✓	5	2018	NAVY	8	6	2	1	1																					0		
	5	2019	NAVY	125	0	125	-	-	-	-	-	-	10	10	10	11	11	11	11	11	10	10	10	10					0		
✓	5	2020	NAVY	125	0	125	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	10	11	11	11	62	
1.1.6) FE002 Canister - SM-6 Block I/IA (Mk 21 Mod 3/Mod 4) ⁽³⁾																															
Prior Years Deliveries: 267																															
	7	2014	NAVY	93	93	0																							0		
	8	2015	NAVY	95	95	0																							0		
	8	2016	NAVY	101	101	0																							0		
	8	2017	NAVY	125	125	0																							0		
	8	2018	NAVY	117	117	0																							0		
✓	8	2018	NAVY	8	8	0																							0		
	6	2019	NAVY	125	50	75	10	10	11	11	11	11																	0		
✓	6	2020	NAVY	125	0	125	-	-	-	-	-	-	10	10	10	10	10	10	10	10	11	11	11	11	11	11			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, Production Schedule: PB 2020 Navy **Date:** March 2019

Appropriation / Budget Activity / Budget Sub Activity: 1507N / 02 / 2	P-1 Line Item Number / Title: 2234 / Standard Missile	Item Number / Title [DODIC]: 1 / STANDARD MISSILE
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2023												Fiscal Year 2024												BALANCE	
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 2 2	BAL D U E A S O F 1 O C T	Calendar Year 2023												Calendar Year 2024												
							O C T	N O V	D E C	J A N	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
1.1.1) FE002 SM-6 Block I All Up Round Missile																															
Prior Years Deliveries: 178																															
	3	2013	NAVY	89	89	0																							0		
	1	2014	NAVY	93	93	0																							0		
	2	2015	NAVY	95 ⁽⁷⁾	95	0																							0		
	2	2016	NAVY	101	101	0																							0		
	4	2017	NAVY	125	125	0																							0		
1.1.3) FE002 SM-6 Block I/IA All Up Round Missile ⁽²⁾																															
	5	2018	NAVY	117	117	0																							0		
✓	5	2018	NAVY	8	8	0																							0		
	5	2019	NAVY	125	125	0																							0		
✓	5	2020	NAVY	125	63	62	11	11	10	10	10	10																	0		
1.1.6) FE002 Canister - SM-6 Block I/IA (Mk 21 Mod 3/Mod 4) ⁽³⁾																															
Prior Years Deliveries: 267																															
	7	2014	NAVY	93	93	0																							0		
	8	2015	NAVY	95	95	0																							0		
	8	2016	NAVY	101	101	0																							0		
	8	2017	NAVY	125	125	0																							0		
	8	2018	NAVY	117	117	0																							0		
✓	8	2018	NAVY	8	8	0																							0		
	6	2019	NAVY	125	125	0																							0		
✓	6	2020	NAVY	125	125	0																							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, Production Schedule: PB 2020 Navy **Date:** March 2019

Appropriation / Budget Activity / Budget Sub Activity: 1507N / 02 / 2	P-1 Line Item Number / Title: 2234 / Standard Missile	Item Number / Title [DODIC]: 1 / STANDARD MISSILE
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2020	1-8-5 For 2020	MAX For 2020	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	Raytheon CO . - Tucson, AZ	125	125	125	3	3	22	25	3	3	22	25
2	Raytheon CO - Tucson AZ	125	125	125	3	3	24	27	3	3	24	27
3	Raytheon CO . - Tucson, AZ	125	125	125	3	3	19	22	3	3	19	22
4	Raytheon CO ... - Tucson AZ	125	125	125	3	3	12	15	3	3	12	15
5	Raytheon CO ⁽⁶⁾ - Tucson AZ	125	125	200	3	3	24	27	3	3	24	27
6	TBD - TBD	125	125	200	3	8	14	22	3	8	14	22
7	BAE-FY2014 - Minneapolis, MN	125	125	200	3	8	20	28	3	8	20	28
8	BAE - Minneapolis, MN	125	125	200	3	8	14	22	3	8	14	22

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Footnotes:

⁽⁶⁾ MSR reflects a ramp up to a stable production rate for SM-6 Block IA.

⁽⁷⁾ Production cut-in decision for the Engineering Change Proposal (ECP) for the SM-6 Block IA configuration was included in the FY 2015 SM-6 Production Contract. The ECP cost line shown in FY 2017 is additional cost required to implement the ECP and procure the maximum number of SM-6 Block IA All Up Rounds (AURs), limited by maximum production rate. The Navy will procure SM-6 Block I and SM-6 Block IA missiles, not to exceed the quantities shown here. Further detail can be provided at a higher classification level.

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Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2020 Navy **Date:** March 2019

Appropriation / Budget Activity / Budget Sub Activity: 1507N: Weapons Procurement, Navy / BA 02: Other Missiles / BSA 2: Tactical Missiles	P-1 Line Item Number / Title: 2234 / Standard Missile
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Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: 000

Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	-	125.683	0.000	96.085	96.085	66.696	45.790	-	-	-	334.254
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	-	125.683	0.000	96.085	96.085	66.696	45.790	-	-	-	334.254
Total Obligation Authority (<i>\$ in Millions</i>)	-	-	125.683	0.000	96.085	96.085	66.696	45.790	-	-	-	334.254

Description:

FY 2020 funding totals include \$0.0M for Base and \$96.085M for Overseas Contingency Operations (OCO); of which \$96.085M and 125 quantity is realigned as part of the OCO for Base Requirements. FY 2020 OCO for Base Requirements is OCO funding for base budget requirements in support of the National Defense Strategy. The Budget requests these funds in OCO to comply with the base budget defense caps included in the Budget Control Act of 2011.

The SM-6 Block I provides an extended range engagement capability to provide the air superiority and the umbrella of protection for joint U.S. forces and allies against the full spectrum of manned-fixed and rotary-winged aircraft, unmanned aerial vehicles, and land attack and anti-ship cruise missiles in flight. This capability contributes significantly to the continuous protection of forward deployed ground maneuver forces as well as theater rear assets. The SM-6 is the primary extended range air defense weapon for AEGIS cruisers and destroyers and potentially future combatants.

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Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2020 Navy				Date: March 2019	
Appropriation / Budget Activity / Budget Sub Activity: 1507N: Weapons Procurement, Navy / BA 02: Other Missiles / BSA 2: Tactical Missiles				P-1 Line Item Number / Title: 2234 / Standard Missile	
Program Elements for Code B Items: N/A				Other Related Program Elements: N/A	
Line Item MDAP/MAIS Code: 000					

Exhibits Schedule				Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Exhibit Type	Title*	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-10	1 / STANDARD MISSILE			681 / -	125 / -	125 / 125.683	- / 0.000	125 / 96.085	125 / 96.085
P-40	Total Gross/Weapon System Cost			681 / -	125 / -	125 / 125.683	- / 0.000	125 / 96.085	125 / 96.085

*Title represents the P-10 Title for Advance Procurement.
 Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
 The budget reflects a funding profile for a five-year Multiyear Procurement beginning in FY 2019 and completing in FY 2023. The multiyear procurement contracts provide for the procurement of up to 625 Standard Missile-6 (SM-6) guided missiles. The use of Advanced Procurement provides Economic Order Quantity (EOQ) to reduce the cost of subcontractor effort, material, and components enabling greater production efficiencies and substantial cost savings.

Funding covers EOQ in support of the FY 2019-2023 MYP contract. EOQ will fund the procurement of MK72 Booster, MK104 Dual Thrust Rocket Motors (DTRM) and Guidance Sections. Booster is a 26 month lead time due to the unique steel for the case and additional time for mating with a (TVA) Thrust Vector Actuator. The DTRM has a 22 month lead time due to the specialty steel required for manufacturing. The guidance section takes 24 months to deliver due to the lead time in the specialty Circuit Card Assemblies.

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Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification): PB 2020 Navy					Date: March 2019		
Appropriation / Budget Activity / Budget Sub Activity: 1507N / 02 / 2			P-1 Line Item Number / Title: 2234 / Standard Missile			P-5 Number / Title: 1 / STANDARD MISSILE	
First System (2020) Award Date: January 2013		First System (2020) Completion Date: January 2013			Interval Between Systems: 0 Months		
STANDARD MISSILE		Production Leadtime <i>(Months)</i>	Prior Years <i>(Each)</i>	FY 2018 <i>(Each)</i>	FY 2019 <i>(Each)</i>	FY 2020 <i>(Each)</i>	
Quantity			681	125	125	125	
Cost Elements		When Required <i>(Months)</i>	Prior Years <i>(\$ M)</i>	FY 2018 <i>(\$ M)</i>	FY 2019 <i>(\$ M)</i>	FY 2020 <i>(\$ M)</i>	
CFE							
FY20 EOQ		0	-	-	83.789	-	
FY21 EOQ		0	-	-	25.087	58.536	
FY22 EOQ		0	-	-	16.807	20.841	
FY23 EOQ		0	-	-	-	16.708	
<i>Total: CFE</i>			-	-	125.683	96.085	
Total Advance Procurement/Obligation Authority			-	-	125.683	96.085	

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Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): PB 2020 Navy						Date: March 2019	
Appropriation / Budget Activity / Budget Sub Activity: 1507N / 02 / 2			P-1 Line Item Number / Title: 2234 / Standard Missile			P-5 Number / Title: 1 / STANDARD MISSILE	
FY 2020							
Cost Elements	QPA (Each)	Production Leadtime (Months)	Unit Cost (\$ K)	Contract Forecast Date	2020 Qty (Each)	For FY	Total Cost Request (\$ M)
CFE							
FY20 EOQ	0						-
FY21 EOQ	0						58.536
FY22 EOQ	0						20.841
FY23 EOQ	0						16.708
<i>Total: CFE</i>							96.085
Total Advance Procurement/Obligation Authority							96.085

Description:
The Advance Procurement (AP) funding provides Economic Order Quantity (EOQ) to reduce the cost of subcontractor effort, material, and components enabling greater production efficiencies and substantial cost.