

DEPARTMENT OF THE NAVY FISCAL YEAR (FY) 2018 HURRICANE AMENDMENT



JUSTIFICATION OF ESTIMATES NOVEMBER 2017

Consolidated Book for
Operation and Maintenance, Navy (OMN)
Operation and Maintenance, Marine Corps (OMMC)
Operation & Maintenance, Navy Reserve (OMNR)
Other Procurement, Navy (OPN)
Working Capital Fund, Navy (NWCF)

The estimated cost for this report for the Department of the Navy (DON) is \$9,300.

The estimated total cost for supporting the DON budget justification material is approximately \$1,142,960 for the 2017 fiscal year. This includes \$76,659 in supplies and \$1,066,301 in labor.

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FISCAL YEAR (FY) 2018
HURRICANE AMENDMENT



JUSTIFICATION OF ESTIMATES
NOVEMBER 2017

Operation and Maintenance, Navy (OMN)

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Department of Defense
 FY 2018 President's Budget Amendment
 Exhibit O-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

16 Nov 2017

Appropriation Summary -----	FY 2018 Base Request -----	FY 2018 June Amendment Base -----	FY 2018 Amendment Emergency -----	FY 2018 Amendment Hurricane -----	FY 2018 Grand Total -----
Department of the Navy					
Operation & Maintenance, Navy	45,439,407		673,500	267,796	46,380,703
Total Department of the Navy	45,439,407		673,500	267,796	46,380,703
 Total Operation and Maintenance Title	 45,439,407		 673,500	 267,796	 46,380,703

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Department of Defense
FY 2018 President's Budget Amendment
Exhibit O-1 FY 2018 President's Budget Amendment
Total Obligational Authority
(Dollars in Thousands)

16 Nov 2017

	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 Amendment Hurricane	FY 2018 Grand Total	S e c
	-----	-----	-----	-----	-----	-
1804N Operation & Maintenance, Navy						
TOTAL, BA 01: Operating Forces	38,787,013		673,500	267,796	39,728,309	
TOTAL, BA 02: Mobilization	704,510				704,510	
TOTAL, BA 03: Training and Recruiting	1,931,508				1,931,508	
TOTAL, BA 04: Admin & Srvwd Activities	4,016,376				4,016,376	
Total Operation & Maintenance, Navy	45,439,407		673,500	267,796	46,380,703	
Details:						
Budget Activity 01: Operating Forces						
Air Operations						
1804N 1A1A Mission and Other Flight Operations	5,544,165				5,544,165	U
1804N 1A2A Fleet Air Training	2,075,000				2,075,000	U
1804N 1A3A Aviation Technical Data & Engineering Services	46,801				46,801	U
1804N 1A4A Air Operations and Safety Support	119,624				119,624	U
1804N 1A4N Air Systems Support	552,536				552,536	U
1804N 1A5A Aircraft Depot Maintenance	1,088,482				1,088,482	U
1804N 1A6A Aircraft Depot Operations Support	40,584				40,584	U
1804N 1A9A Aviation Logistics	723,786				723,786	U
Total Air Operations	10,190,978				10,190,978	
Ship Operations						
1804N 1B1B Mission and Other Ship Operations	4,067,334				4,067,334	U
1804N 1B2B Ship Operations Support & Training	977,701				977,701	U
1804N 1B4B Ship Depot Maintenance	7,165,858		673,500	6,000	7,845,358	U
1804N 1B5B Ship Depot Operations Support	2,193,851				2,193,851	U
Total Ship Operations	14,404,744		673,500	6,000	15,084,244	
Combat Operations/Support						
1804N 1C1C Combat Communications and Electronic Warfare	1,288,094				1,288,094	U
1804N 1C3C Space Systems and Surveillance	206,678				206,678	U
1804N 1C4C Warfare Tactics	621,581				621,581	U
1804N 1C5C Operational Meteorology and Oceanography	370,681				370,681	U
1804N 1C6C Combat Support Forces	1,437,966				1,437,966	U
1804N 1C7C Equipment Maintenance and Depot Operations Support	162,705				162,705	U
1804N 1CCH Combatant Commanders Core Operations	65,108				65,108	U
1804N 1CCM Combatant Commanders Direct Mission Support	86,892				86,892	U
1804N 1CCS Military Information Support Operations	8,427				8,427	U
1804N 1CCY Cyberspace Activities	385,212				385,212	U
Total Combat Operations/Support	4,633,344				4,633,344	

O-118HUR: FY 2018 President's Budget Amendment (Published Version), as of November 16, 2017 at 14:12:37

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Department of Defense
FY 2018 President's Budget Amendment
Exhibit O-1 FY 2018 President's Budget Amendment
Total Obligational Authority
(Dollars in Thousands)

16 Nov 2017

	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 Amendment Hurricane	FY 2018 Grand Total	S e c
	-----	-----	-----	-----	-----	-
1804N Operation & Maintenance, Navy						
Weapons Support						
1804N 1D2D Fleet Ballistic Missile	1,278,456				1,278,456	U
1804N 1D4D Weapons Maintenance	745,680				745,680	U
1804N 1D7D Other Weapon Systems Support	380,016				380,016	U
Total Weapons Support	2,404,152				2,404,152	
Base Support						
1804N BSIT Enterprise Information	914,428				914,428	U
1804N BSM1 Sustainment, Restoration and Modernization	1,905,679			244,310	2,149,989	U
1804N BSS1 Base Operating Support	4,333,688			17,486	4,351,174	U
Total Base Support	7,153,795			261,796	7,415,591	
Total, BA 01: Operating Forces	38,787,013		673,500	267,796	39,728,309	
Budget Activity 02: Mobilization						
Ready Reserve and Prepositioning Force						
1804N 2A1F Ship Prepositioning and Surge	417,450				417,450	U
Total Ready Reserve and Prepositioning Force	417,450				417,450	
Activations/Inactivations						
1804N 2B2G Ship Activations/Inactivations	198,341				198,341	U
Total Activations/Inactivations	198,341				198,341	
Mobilization Preparation						
1804N 2C1H Expeditionary Health Services Systems	66,849				66,849	U
1804N 2C3H Coast Guard Support	21,870				21,870	U
Total Mobilization Preparation	88,719				88,719	
Total, BA 02: Mobilization	704,510				704,510	
Budget Activity 03: Training and Recruiting						
Accession Training						
1804N 3A1J Officer Acquisition	143,924				143,924	U
1804N 3A2J Recruit Training	8,975				8,975	U
1804N 3A3J Reserve Officers Training Corps	144,708				144,708	U
Total Accession Training	297,607				297,607	
Basic Skill and Advanced Training						
1804N 3B1K Specialized Skill Training	812,708				812,708	U
1804N 3B3K Professional Development Education	180,448				180,448	U

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Department of Defense
FY 2018 President's Budget Amendment
Exhibit O-1 FY 2018 President's Budget Amendment
Total Obligational Authority
(Dollars in Thousands)

16 Nov 2017

	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 Amendment Hurricane	FY 2018 Grand Total	S e c
	-----	-----	-----	-----	-----	-
1804N Operation & Maintenance, Navy						
1804N 3B4K Training Support	234,596				234,596	U
Total Basic Skill and Advanced Training	1,227,752				1,227,752	
Recruiting and Other Training & Education						
1804N 3C1L Recruiting and Advertising	177,517				177,517	U
1804N 3C3L Off-Duty and Voluntary Education	103,154				103,154	U
1804N 3C4L Civilian Education and Training	72,216				72,216	U
1804N 3C5L Junior ROTC	53,262				53,262	U
Total Recruiting and Other Training & Education	406,149				406,149	
Total, BA 03: Training and Recruiting	1,931,508				1,931,508	
Budget Activity 04: Admin & Srvwd Activities						
Servicewide Support						
1804N 4A1M Administration	1,135,429				1,135,429	U
1804N 4A3M Civilian Manpower and Personnel Management	149,365				149,365	U
1804N 4A4M Military Manpower and Personnel Management	386,749				386,749	U
Total Servicewide Support	1,671,543				1,671,543	
Logistics Operations and Technical Support						
1804N 4B1N Servicewide Transportation	165,301				165,301	U
1804N 4B2N Planning, Engineering, and Program Support	311,616				311,616	U
1804N 4B3N Acquisition, Logistics, and Oversight	665,580				665,580	U
Total Logistics Operations and Technical Support	1,142,497				1,142,497	
Investigations and Security Programs						
1804N 4C1P Investigative and Security Services	659,143				659,143	U
Total Investigations and Security Programs	659,143				659,143	
1804N 999 Classified Programs	543,193				543,193	U
Total, BA 04: Admin & Srvwd Activities	4,016,376				4,016,376	
Total Operation & Maintenance, Navy	45,439,407		673,500	267,796	46,380,703	

O-118HUR: FY 2018 President's Budget Amendment (Published Version), as of November 16, 2017 at 14:12:37

Department of the Navy
FY 2018 Hurricane Amendment
Operation and Maintenance, Navy
Budget Activity: Operating Forces
Activity Group: Ship Operations
Detail by Subactivity Group: Ship Maintenance

	<u>(\$ in Thousands)</u>	
	<u>Amount</u>	<u>Total</u>
C. <u>Reconciliation of Increases and Decreases</u>		
FY 2018 President's Amended Budget Request		7,839,358
FY 2018 Hurricane Amendment		6,000
1) Increases		6,000
a) Amended Budget Submission Increases		6,000
i) Increase in private sector maintenance contract cost for reinstallation of temporary services and scaffolding for USS EISENHOWER, USS GEORGE H W BUSH, USS KEARSARGE, USS STOUT, USS GONZALEZ, USS VICKSBURG, USS MASON, USS NITZE, USS FORREST SHERMAN, USS TRUXTUN, USS JASON DUNHAM, USS MAHAN, USS STOUT, USS GETTYSBURG, and USS SAN ANTONIO which was disassembled in FY2017 to prevent potential wind damage from Hurricane Irma.	6,000	
OP-32 Lines Affected		
928 – Increase \$6,000		
FY 2018 Budget Request		7,845,358

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Department of the Navy
FY 2018 Hurricane Amendment
Operation and Maintenance, Navy
Budget Activity: Operating Forces
Activity Group: Base Support
Detail by Subactivity Group: Sustainment, Restoration and Modernization

	<u>(\$ in Thousands)</u>	
	<u>Amount</u>	<u>Total</u>
C. <u>Reconciliation of Increases and Decreases</u>		
FY 2018 President's Amended Budget Request		1,905,679
FY 2018 Hurricane Amendment		244,310
1) Increases		244,310
a) Amended Budget Submission Increases		244,310
i) Increase funds repairs for damaged facilities impacted by Hurricanes Harvey, Irma and Maria. Navy installations include Naval Air Stations Corpus Christi, Kingsville, Key West and Jacksonville; Naval Stations Mayport; Submarine Base Kings Bay; and Naval Ordnance Test Unit Cape Canaveral. Additionally, repairs needed for the following sites; ALF Waldron, Fort Allen Puerto Rico, Training Site Aguada, Mount Pirata, and Vieques West Puerto Rico.	244,310	
OP-32 Lines Affected		
957 – Increase \$244,310		
FY 2018 Budget Request		2,149,989

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Department of the Navy
FY 2018 Request for Amendment
Operation and Maintenance, Navy
Budget Activity: Operating Forces
Activity Group: Base Support
Detail by Subactivity Group: Base Operating Support

	<u>(\$ in Thousands)</u>	
	<u>Amount</u>	<u>Total</u>
C. <u>Reconciliation of Increases and Decreases</u>		
FY 2018 President's Amended Budget Request		4,333,688
FY 2018 Request for Additional Appropriations		17,486
1) Increases		17,486
a) Amended Budget Submission Increases		17,486
i) Increased funding supports the outfitting of collateral equipment associated with the Navy military construction projects and facility restoration projects that are needed due to Hurricanes Harvey and Irma.	17,486	
OP-32 Lines Affected		
506 – Increase \$17,486		
FY 2018 Budget Request		4,351,174

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DEPARTMENT OF THE NAVY
FISCAL YEAR (FY) 2018
HURRICANE AMENDMENT



JUSTIFICATION OF ESTIMATES
NOVEMBER 2017

Operation and Maintenance, Marine Corps (OMMC)

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Department of Defense
 FY 2018 President's Budget Amendment
 Exhibit O-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

16 Nov 2017

Appropriation Summary -----	FY 2018 Base Request -----	FY 2018 June Amendment Base -----	FY 2018 Amendment Emergency -----	FY 2018 Amendment Hurricane -----	FY 2018 Grand Total -----
Department of the Navy					
Operation & Maintenance, Marine Corps	6,933,408			17,920	6,951,328
Total Department of the Navy	6,933,408			17,920	6,951,328
 Total Operation and Maintenance Title	 6,933,408			 17,920	 6,951,328

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Department of Defense
FY 2018 President's Budget Amendment
Exhibit O-1 FY 2018 President's Budget Amendment
Total Obligational Authority
(Dollars in Thousands)

16 Nov 2017

	FY 2018 Base Request -----	FY 2018 June Amendment Base -----	FY 2018 Amendment Emergency -----	FY 2018 Amendment Hurricane -----	FY 2018 Grand Total -----	S e c
1106N Operation & Maintenance, Marine Corps						
TOTAL, BA 01: Operating Forces	5,568,285			17,920	5,586,205	
TOTAL, BA 03: Training and Recruiting	827,268				827,268	
TOTAL, BA 04: Admin & Srwd Activities	537,855				537,855	
Total Operation & Maintenance, Marine Corps	6,933,408			17,920	6,951,328	
Details:						
Budget Activity 01: Operating Forces						
Expeditionary Forces						
1106N 1A1A Operational Forces	967,949				967,949	U
1106N 1A2A Field Logistics	1,065,090				1,065,090	U
1106N 1A3A Depot Maintenance	286,635				286,635	U
Total Expeditionary Forces	2,319,674				2,319,674	
USMC Prepositioning						
1106N 1B1B Maritime Prepositioning	85,577				85,577	U
Total USMC Prepositioning	85,577				85,577	
Combat Operations/Support						
1106N 1CCY Cyberspace Activities	181,518				181,518	U
Total Combat Operations/Support	181,518				181,518	
Base Support						
1106N BSM1 Sustainment, Restoration & Modernization	785,264			17,920	803,184	U
1106N BSS1 Base Operating Support	2,196,252				2,196,252	U
Total Base Support	2,981,516			17,920	2,999,436	
Total, BA 01: Operating Forces	5,568,285			17,920	5,586,205	
Budget Activity 03: Training and Recruiting						
Accession Training						
1106N 3A1C Recruit Training	16,163				16,163	U
1106N 3A2C Officer Acquisition	1,154				1,154	U
Total Accession Training	17,317				17,317	
Basic Skill and Advanced Training						
1106N 3B1D Specialized Skill Training	100,398				100,398	U
1106N 3B3D Professional Development Education	46,474				46,474	U
1106N 3B4D Training Support	405,039				405,039	U
Total Basic Skill and Advanced Training	551,911				551,911	

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Department of Defense
FY 2018 President's Budget Amendment
Exhibit O-1 FY 2018 President's Budget Amendment
Total Obligational Authority
(Dollars in Thousands)

16 Nov 2017

	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 Amendment Hurricane	FY 2018 Grand Total	S e c
	-----	-----	-----	-----	-----	-
1106N Operation & Maintenance, Marine Corps						
Recruiting and Other Training & Education						
1106N 3C1F Recruiting and Advertising	201,601				201,601	U
1106N 3C2F Off-Duty and Voluntary Education	32,045				32,045	U
1106N 3C3F Junior ROTC	24,394				24,394	U
Total Recruiting and Other Training & Education	258,040				258,040	
Total, BA 03: Training and Recruiting	827,268				827,268	
Budget Activity 04: Admin & Srvwd Activities						
Servicewide Support						
1106N 4A3G Servicewide Transportation	28,827				28,827	U
1106N 4A4G Administration	378,683				378,683	U
1106N 4B3N Acquisition and Program Management	77,684				77,684	U
Total Servicewide Support	485,194				485,194	
1106N 999 Classified Programs	52,661				52,661	U
Total, BA 04: Admin & Srvwd Activities	537,855				537,855	
Total Operation & Maintenance, Marine Corps	6,933,408			17,920	6,951,328	

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Department of the Navy
FY 2018 Request for Amendment
Operation and Maintenance, Marine Corps
Budget Activity: Operating Forces
Activity Group: Base Support
Detail by Subactivity Group: Sustainment, Restoration and Modernization

	<u>(\$ in Thousands)</u>	
	<u>Amount</u>	<u>Total</u>
C. <u>Reconciliation of Increases and Decreases</u>		
FY 2018 President's Budget Request		785,264
FY 2018 Request for Additional Appropriations		17,920
1) Increases		17,920
a) Amended Budget Submission Increases		17,920
i) Restoration and Modernization. Increase supports recovery efforts from hurricanes Harvey, Irma and Maria. Marine Corps Support Facility Blount Island will repair shoreline erosion, transformer repair from water damage, building repair from wind damage, lighting damage, pier repair, awnings, gutters, roll up doors and many other minor repairs. Marine Corps Air Station Beaufort will repair roofs that were damaged, security fencing, a refueling dock, flashing, electrical distribution, and roads. Marine Corps Recruit Depot Parris Island will repair roads, flashing and electrical distribution.	17,920	
OP-32 Lines Affected		
957 – Increase \$17,920		
FY 2018 Total Request		803,184

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DEPARTMENT OF THE NAVY
FISCAL YEAR (FY) 2018
HURRICANE AMENDMENT



JUSTIFICATION OF ESTIMATES
NOVEMBER 2017

Operation & Maintenance, Navy Reserve (OMNR)

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Department of Defense
 FY 2018 President's Budget Amendment
 Exhibit O-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

16 Nov 2017

Appropriation Summary -----	FY 2018 Base Request -----	FY 2018 June Amendment Base -----	FY 2018 Amendment Emergency -----	FY 2018 Amendment Hurricane -----	FY 2018 Grand Total -----
Department of the Navy					
Operation & Maintenance, Navy Res	1,084,007			2,922	1,086,929
Total Department of the Navy	1,084,007			2,922	1,086,929
 Total Operation and Maintenance Title	 1,084,007			 2,922	 1,086,929

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Department of Defense
FY 2018 President's Budget Amendment
Exhibit O-1 FY 2018 President's Budget Amendment
Total Obligational Authority
(Dollars in Thousands)

16 Nov 2017

	FY 2018 Base Request -----	FY 2018 June Amendment Base -----	FY 2018 Amendment Emergency -----	FY 2018 Amendment Hurricane -----	FY 2018 Grand Total -----	S e c -
1806N Operation & Maintenance, Navy Res						
TOTAL, BA 01: Operating Forces	1,066,118			2,922	1,069,040	
TOTAL, BA 04: Admin & Srvwd Activities	17,889				17,889	
Total Operation & Maintenance, Navy Res	1,084,007			2,922	1,086,929	
Details:						
Budget Activity 01: Operating Forces						
Air Operations						
1806N 1A1A Mission and Other Flight Operations	596,876				596,876	U
1806N 1A3A Intermediate Maintenance	5,902				5,902	U
1806N 1A5A Aircraft Depot Maintenance	94,861				94,861	U
1806N 1A6A Aircraft Depot Operations Support	381				381	U
1806N 1A9A Aviation Logistics	13,822				13,822	U
Total Air Operations	711,842				711,842	
Ship Operations						
1806N 1B2B Ship Operations Support & Training	571				571	U
Total Ship Operations	571				571	
Combat Operations/Support						
1806N 1C1C Combat Communications	16,718				16,718	U
1806N 1C6C Combat Support Forces	118,079				118,079	U
1806N 1CCY Cyberspace Activities	308				308	U
Total Combat Operations/Support	135,105				135,105	
Base Support						
1806N BSIT Enterprise Information	28,650				28,650	U
1806N BSMR Sustainment, Restoration and Modernization	86,354			2,922	89,276	U
1806N BSSR Base Operating Support	103,596				103,596	U
Total Base Support	218,600			2,922	221,522	
Total, BA 01: Operating Forces	1,066,118			2,922	1,069,040	
Budget Activity 04: Admin & Srvwd Activities						
Servicewide Support						
1806N 4A1M Administration	1,371				1,371	U
1806N 4A4M Military Manpower and Personnel Management	13,289				13,289	U
Total Servicewide Support	14,660				14,660	

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Department of Defense
 FY 2018 President's Budget Amendment
 Exhibit O-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

16 Nov 2017

	FY 2018 Base Request -----	FY 2018 June Amendment Base -----	FY 2018 Amendment Emergency -----	FY 2018 Amendment Hurricane -----	FY 2018 Grand Total -----	S e c
1806N Operation & Maintenance, Navy Res						
Logistics Operations and Technical Support						
1806N 4B3N Acquisition and Program Management	3,229				3,229	U
Total Logistics Operations and Technical Support	3,229				3,229	
Total, BA 04: Admin & Srvwd Activities	17,889				17,889	
Total Operation & Maintenance, Navy Res	1,084,007			2,922	1,086,929	

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Department of the Navy
FY 2018 Hurricane Amendment
Operation and Maintenance, Navy Reserve
Budget Activity: Operating Forces
Activity Group: Base Support
Detail by Sub-activity Group: Sustainment, Restoration and Modernization

	<u>(\$ in Thousands)</u>	
	<u>Amount</u>	<u>Total</u>
C. <u>Reconciliation of Increases and Decreases</u>		
FY 2018 President's Budget Request		86,354
FY 2018 Amendment Hurricane		2,922
1) Increases		2,922
a) Amended Budget Submission Increases		2,922
i) Requesting funds for facility damage due to Hurricane Harvey and Hurricane Maria. Navy installations include NOSC Puerto Rico and NOSC West Palm Beach.	2,922	
OP-32 Lines Affected		
957 – Land and Structures - Increase \$2,922		
FY 2018 Total Request		89,276

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DEPARTMENT OF THE NAVY
FISCAL YEAR (FY) 2018
HURRICANE AMENDMENT



JUSTIFICATION OF ESTIMATES
NOVEMBER 2017

Other Procurement, Navy (OPN)

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Department of the Navy
 FY 2018 President's Budget Amendment
 Exhibit P-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

16 Nov 2017

Appropriation -----	FY 2018 Base Request -----	FY 2018 June Amendment Base -----	FY 2018 Amendment Emergency -----	FY 2018 Amendment Hurricane -----
Other Procurement, Navy	8,277,789	-374,925		25,750
Total Department of the Navy	8,277,789	-374,925		25,750

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Department of the Navy
FY 2018 President's Budget Amendment
Exhibit P-1 FY 2018 President's Budget Amendment
Total Obligational Authority
(Dollars in Thousands)

16 Nov 2017

Appropriation -----	FY 2018 Grand Total -----
Other Procurement, Navy	7,928,614
Total Department of the Navy	7,928,614

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Department of the Navy
 FY 2018 President's Budget Amendment
 Exhibit P-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

16 Nov 2017

Appropriation: Other Procurement, Navy

Budget Activity -----	FY 2018 Base Request -----	FY 2018 June Amendment Base -----	FY 2018 Amendment Emergency -----	FY 2018 Amendment Hurricane -----
01. Ships Support Equipment	3,076,818	-364,925		
02. Communications & Electronics Equip	2,565,260	-10,000		15,000
03. Aviation Support Equipment	441,542			
04. Ordnance Support Equipment	929,371			
05. Civil Engineering Support Equip	99,619			
06. Supply Support Equipment	510,285			
07. Personnel & Command Support Equip	376,329			10,750
08. Spares and Repair Parts	278,565			
Total Other Procurement, Navy	8,277,789	-374,925		25,750

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Department of the Navy
 FY 2018 President's Budget Amendment
 Exhibit P-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

16 Nov 2017

Appropriation: Other Procurement, Navy

Budget Activity -----	FY 2018 Grand Total -----
01. Ships Support Equipment	2,711,893
02. Communications & Electronics Equip	2,570,260
03. Aviation Support Equipment	441,542
04. Ordnance Support Equipment	929,371
05. Civil Engineering Support Equip	99,619
06. Supply Support Equipment	510,285
07. Personnel & Command Support Equip	387,079
08. Spares and Repair Parts	278,565
Total Other Procurement, Navy	7,928,614

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Department of the Navy
FY 2018 President's Budget Amendment
Exhibit P-1 FY 2018 President's Budget Amendment
Total Obligational Authority
(Dollars in Thousands)

16 Nov 2017

Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2018 Base Request Quantity	Cost	FY 2018 June Amendment Base Quantity	Cost	FY 2018 Amendment Emergency Quantity	Cost	FY 2018 Amendment Hurricane Quantity	Cost	S e c
Budget Activity 01: Ships Support Equipment											
Ship Propulsion Equipment											
	Surface Power Equipment	A		41,910							U
	Hybrid Electric Drive (HED)			6,331							U
Generators											
	Surface Combatant HM&E	A		27,392							U
Navigation Equipment											
	Other Navigation Equipment	A		65,943							U
Other Shipboard Equipment											
	Sub Periscope, Imaging and Supt Equip Prog	A		151,240							U
	DDG Mod	A		603,355							U
	Firefighting Equipment	A		15,887							U
	Command and Control Switchboard	A		2,240							U
	LHA/LHD Midlife	A		30,287		-26,000					U
	Pollution Control Equipment	B		17,293							U
	Submarine Support Equipment	A		27,990							U
	Virginia Class Support Equipment	A		46,610							U
	LCS Class Support Equipment			47,955							U
	Submarine Batteries			17,594							U
	LPD Class Support Equipment			61,908							U

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Department of the Navy
FY 2018 President's Budget Amendment
Exhibit P-1 FY 2018 President's Budget Amendment
Total Obligational Authority
(Dollars in Thousands)

16 Nov 2017

Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2018 Grand Total Quantity Cost	S e c
----	-----	-----	-----	-----
Budget Activity 01: Ships Support Equipment				

Ship Propulsion Equipment				
	Surface Power Equipment	A	41,910	U
	Hybrid Electric Drive (HED)		6,331	U
Generators				
	Surface Combatant HM&E	A	27,392	U
Navigation Equipment				
	Other Navigation Equipment	A	65,943	U
Other Shipboard Equipment				
	Sub Periscope, Imaging and Supt Equip Prog	A	151,240	U
	DDG Mod	A	603,355	U
	Firefighting Equipment	A	15,887	U
	Command and Control Switchboard	A	2,240	U
	LHA/LHD Midlife	A	4,287	U
	Pollution Control Equipment	B	17,293	U
	Submarine Support Equipment	A	27,990	U
	Virginia Class Support Equipment	A	46,610	U
	LCS Class Support Equipment		47,955	U
	Submarine Batteries		17,594	U
	LPD Class Support Equipment		61,908	U

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Total Obligational Authority
(Dollars in Thousands)

16 Nov 2017

Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2018 Base Request Quantity	Cost	FY 2018 June Amendment Base Quantity	Cost	FY 2018 Amendment Emergency Quantity	Cost	FY 2018 Amendment Hurricane Quantity	Cost	S e c
	Strategic Platform Support Equip	A		15,812							U
	DSSP Equipment	A		4,178							U
	CG Modernization	A		306,050							U
	LCAC	A		5,507							U
	Underwater EOD Programs			55,922							U
	Items Less Than \$5 Million	A		96,909							U
	Chemical Warfare Detectors	A		3,036							U
	Submarine Life Support System	A		10,364							U
	Reactor Plant Equipment										
	Reactor Power Units	A		324,925		-324,925					U
	Reactor Components	A		534,468							U
	Ocean Engineering										
	Diving and Salvage Equipment	A		10,619							U
	Small Boats										
	Standard Boats	A		46,094							U
	Production Facilities Equipment										
	Operating Forces Ipe	A		191,541							U
	Other Ship Support										
	LCS Common Mission Modules Equipment			34,666							U
	LCS MCM Mission Modules			55,870							U

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Department of the Navy
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Total Obligational Authority
(Dollars in Thousands)

16 Nov 2017

Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2018 Grand Total Quantity Cost	S e c
----	-----	-----	-----	-----
	Strategic Platform Support Equip	A	15,812	U
	DSSP Equipment	A	4,178	U
	CG Modernization	A	306,050	U
	LCAC	A	5,507	U
	Underwater EOD Programs		55,922	U
	Items Less Than \$5 Million	A	96,909	U
	Chemical Warfare Detectors	A	3,036	U
	Submarine Life Support System	A	10,364	U
	Reactor Plant Equipment			
	Reactor Power Units	A		U
	Reactor Components	A	534,468	U
	Ocean Engineering			
	Diving and Salvage Equipment	A	10,619	U
	Small Boats			
	Standard Boats	A	46,094	U
	Production Facilities Equipment			
	Operating Forces Ipe	A	191,541	U
	Other Ship Support			
	LCS Common Mission Modules Equipment		34,666	U
	LCS MCM Mission Modules		55,870	U

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Exhibit P-1 FY 2018 President's Budget Amendment
Total Obligational Authority
(Dollars in Thousands)

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Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2018 Base Request Quantity	Cost	FY 2018 June Amendment Base Quantity	Cost	FY 2018 Amendment Emergency Quantity	Cost	FY 2018 Amendment Hurricane Quantity	Cost	S e c
	LCS SUW Mission Modules			52,960							U
	LCS In-Service Modernization	A		74,426							U
	Logistic Support										
	LSD Midlife & Modernization			89,536		-14,000					U
	Total Ships Support Equipment			3,076,818		-364,925					
	Budget Activity 02: Communications & Electronics Equip										
	Ship Sonars										
	SPQ-9B Radar	A		30,086		-10,000					U
	AN/SQQ-89 Surf ASW Combat System	A		102,222							U
	SSN Acoustic Equipment	A		287,553							U
	Undersea Warfare Support Equipment	A		13,653							U
	ASW Electronic Equipment										
	Submarine Acoustic Warfare System	A		21,449							U
	SSTD	A		12,867							U
	Fixed Surveillance System	A		300,102							U
	SURTASS	A		30,180							U
	Electronic Warfare Equipment										
	AN/SLQ-32	A		240,433							U
	Reconnaissance Equipment										
	Shipboard IW Exploit	A		187,007							U

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Department of the Navy
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Exhibit P-1 FY 2018 President's Budget Amendment
Total Obligational Authority
(Dollars in Thousands)

16 Nov 2017

Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2018 Grand Total Quantity Cost	S e c
----	-----	-----	-----	-----
	LCS SUW Mission Modules		52,960	U
	LCS In-Service Modernization	A	74,426	U
	Logistic Support			
	LSD Midlife & Modernization		75,536	U
	Total Ships Support Equipment		2,711,893	
	Budget Activity 02: Communications & Electronics Equip			

	Ship Sonars			
	SPQ-9B Radar	A	20,086	U
	AN/SQQ-89 Surf ASW Combat System	A	102,222	U
	SSN Acoustic Equipment	A	287,553	U
	Undersea Warfare Support Equipment	A	13,653	U
	ASW Electronic Equipment			
	Submarine Acoustic Warfare System	A	21,449	U
	SSTD	A	12,867	U
	Fixed Surveillance System	A	300,102	U
	SURTASS	A	30,180	U
	Electronic Warfare Equipment			
	AN/SLQ-32	A	240,433	U
	Reconnaissance Equipment			
	Shipboard IW Exploit	A	187,007	U

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FY 2018 President's Budget Amendment
Exhibit P-1 FY 2018 President's Budget Amendment
Total Obligational Authority
(Dollars in Thousands)

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Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2018 Base Request Quantity	Cost	FY 2018 June Amendment Base Quantity	Cost	FY 2018 Amendment Emergency Quantity	Cost	FY 2018 Amendment Hurricane Quantity	Cost	S e c
	Automated Identification System (AIS)			510							U
	Other Ship Electronic Equipment										
	Cooperative Engagement Capability	B		23,892							U
	Naval Tactical Command Support System (NTCSS)	A		10,741							U
	ATDLS	A		38,016							U
	Navy Command and Control System (NCCS)			4,512							U
	Minesweeping System Replacement	A		31,531							U
	Shallow Water MCM	B		8,796							U
	Navstar GPS Receivers (SPACE)	A		15,923							U
	American Forces Radio and TV Service	A		2,730							U
	Strategic Platform Support Equip	A		6,889							U
	Aviation Electronic Equipment										
	Ashore ATC Equipment	A		71,882							U
	Afloat ATC Equipment	A		44,611							U
	ID Systems	A		21,239							U
	Naval Mission Planning Systems	A		11,976							U
	Other Shore Electronic Equipment										
	Tactical/Mobile C4I Systems	A		32,425							U
	DCGS-N	A		13,790							U
	CANES			322,754							U

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Department of the Navy
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Total Obligational Authority
(Dollars in Thousands)

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Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2018 Grand Total Quantity	Cost	S e c
----	-----	-----	-----	-----	-----
	Automated Identification System (AIS)			510	U
	Other Ship Electronic Equipment				
	Cooperative Engagement Capability	B		23,892	U
	Naval Tactical Command Support System (NTCSS)	A		10,741	U
	ATDLS	A		38,016	U
	Navy Command and Control System (NCCS)			4,512	U
	Minesweeping System Replacement	A		31,531	U
	Shallow Water MCM	B		8,796	U
	Navstar GPS Receivers (SPACE)	A		15,923	U
	American Forces Radio and TV Service	A		2,730	U
	Strategic Platform Support Equip	A		6,889	U
	Aviation Electronic Equipment				
	Ashore ATC Equipment	A		71,882	U
	Afloat ATC Equipment	A		44,611	U
	ID Systems	A		21,239	U
	Naval Mission Planning Systems	A		11,976	U
	Other Shore Electronic Equipment				
	Tactical/Mobile C4I Systems	A		32,425	U
	DCGS-N	A		13,790	U
	CANES			322,754	U

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Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2018 Base Request Quantity	Cost	FY 2018 June Amendment Base Quantity	Cost	FY 2018 Amendment Emergency Quantity	Cost	FY 2018 Amendment Hurricane Quantity	Cost	S e c
	RADIAC	A		10,718							U
	CANES-Intell			48,028							U
	GPETE	A		6,861							U
	MASF			8,081							U
	Integ Combat System Test Facility	A		5,019							U
	EMI Control Instrumentation	A		4,188							U
	Items Less Than \$5 Million	A		105,292							U
	Shipboard Communications										
	Shipboard Tactical Communications	A		23,695							U
	Ship Communications Automation	A		103,990							U
	Communications Items Under \$5M	A		18,577							U
	Submarine Communications										
	Submarine Broadcast Support	A		29,669					15,000		U
	Submarine Communication Equipment	A		86,204							U
	Satellite Communications										
	Satellite Communications Systems	A		14,654							U
	Navy Multiband Terminal (NMT)			69,764							U
	Shore Communications										
	Joint Communications Support Element (JCSE)	A		4,256							U

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(Dollars in Thousands)

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Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2018 Grand Total Quantity	Cost	S e c
----	-----	-----	-----	-----	-----
	RADIAC	A	10,718	U	
	CANES-Intell		48,028	U	
	GPETE	A	6,861	U	
	MASF		8,081	U	
	Integ Combat System Test Facility	A	5,019	U	
	EMI Control Instrumentation	A	4,188	U	
	Items Less Than \$5 Million	A	105,292	U	
	Shipboard Communications				
	Shipboard Tactical Communications	A	23,695	U	
	Ship Communications Automation	A	103,990	U	
	Communications Items Under \$5M	A	18,577	U	
	Submarine Communications				
	Submarine Broadcast Support	A	44,669	U	
	Submarine Communication Equipment	A	86,204	U	
	Satellite Communications				
	Satellite Communications Systems	A	14,654	U	
	Navy Multiband Terminal (NMT)		69,764	U	
	Shore Communications				
	Joint Communications Support Element (JCSE)	A	4,256	U	

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Line No	Item Nomenclature	Ident Code	FY 2018 Base Request Quantity	Cost	FY 2018 June Amendment Base Quantity	Cost	FY 2018 Amendment Emergency Quantity	Cost	FY 2018 Amendment Hurricane Quantity	Cost	S e c
	Cryptographic Equipment										
	Info Systems Security Program (ISSP)	A		89,663							U
	MIO Intel Exploitation Team	A		961							U
	Cryptologic Equipment										
	Cryptologic Communications Equip	A		11,287							U
	Other Electronic Support										
	Coast Guard Equipment	A		36,584							U
	Total Communications & Electronics Equip			2,565,260		-10,000				15,000	
	Budget Activity 03: Aviation Support Equipment										
	Sonobuoys										
	Sonobuoys - All Types	A		173,616							U
	Aircraft Support Equipment										
	Weapons Range Support Equipment	A		72,110							U
	Aircraft Support Equipment	A		108,482							U
	Advanced Arresting Gear (AAG)	A		10,900							U
	Meteorological Equipment	A		21,137							U
	DCRS/DPL	A		660							U
	Airborne Mine Countermeasures	A		20,605							U
	Aviation Support Equipment	A		34,032							U
	Total Aviation Support Equipment			441,542							

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Total Obligational Authority
(Dollars in Thousands)

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Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2018 Grand Total Quantity	Cost	S e c
----	-----	-----	-----	-----	-----
	Cryptographic Equipment				
	Info Systems Security Program (ISSP)	A	89,663	U	
	MIO Intel Exploitation Team	A	961	U	
	Cryptologic Equipment				
	Cryptologic Communications Equip	A	11,287	U	
	Other Electronic Support				
	Coast Guard Equipment	A	36,584	U	
	Total Communications & Electronics Equip		2,570,260		
	Budget Activity 03: Aviation Support Equipment				

	Sonobuoys				
	Sonobuoys - All Types	A	173,616	U	
	Aircraft Support Equipment				
	Weapons Range Support Equipment	A	72,110	U	
	Aircraft Support Equipment	A	108,482	U	
	Advanced Arresting Gear (AAG)	A	10,900	U	
	Meteorological Equipment	A	21,137	U	
	DCRS/DPL	A	660	U	
	Airborne Mine Countermeasures	A	20,605	U	
	Aviation Support Equipment	A	34,032	U	
	Total Aviation Support Equipment		441,542		

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(Dollars in Thousands)

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Line No	Item Nomenclature	Ident Code	FY 2018 Base Request Quantity	Cost	FY 2018 June Amendment Base Quantity	Cost	FY 2018 Amendment Emergency Quantity	Cost	FY 2018 Amendment Hurricane Quantity	Cost	S e c
----	-----	-----	-----	----	-----	----	-----	----	-----	----	-
Budget Activity 04: Ordnance Support Equipment											

Ship Gun System Equipment											
	Ship Gun Systems Equipment	A		5,277							U
Ship Missile Systems Equipment											
	Ship Missile Support Equipment	A		272,359							U
	Tomahawk Support Equipment	A		73,184							U
FBM Support Equipment											
	Strategic Missile Systems Equip	A		246,221							U
ASW Support Equipment											
	SSN Combat Control Systems	A		129,972							U
	ASW Support Equipment	A		23,209							U
Other Ordnance Support Equipment											
	Explosive Ordnance Disposal Equip	B		15,596							U
	Items Less Than \$5 Million	A		5,981							U
Other Expendable Ordnance											
	Submarine Training Device Mods	A		74,550							U
	Surface Training Equipment	A		83,022							U
				-----		-----		-----		-----	
Total Ordnance Support Equipment				929,371							

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FY 2018 President's Budget Amendment
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Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2018 Grand Total Quantity	Cost	S e c
----	-----	-----	-----	-----	-
Budget Activity 04: Ordnance Support Equipment					

Ship Gun System Equipment					
	Ship Gun Systems Equipment	A		5,277	U
Ship Missile Systems Equipment					
	Ship Missile Support Equipment	A		272,359	U
	Tomahawk Support Equipment	A		73,184	U
FBM Support Equipment					
	Strategic Missile Systems Equip	A		246,221	U
ASW Support Equipment					
	SSN Combat Control Systems	A		129,972	U
	ASW Support Equipment	A		23,209	U
Other Ordnance Support Equipment					
	Explosive Ordnance Disposal Equip	B		15,596	U
	Items Less Than \$5 Million	A		5,981	U
Other Expendable Ordnance					
	Submarine Training Device Mods	A		74,550	U
	Surface Training Equipment	A		83,022	U

Total Ordnance Support Equipment				929,371	

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Line No	Item Nomenclature	Ident Code	FY 2018 Base Request Quantity	Cost	FY 2018 June Amendment Base Quantity	Cost	FY 2018 Amendment Emergency Quantity	Cost	FY 2018 Amendment Hurricane Quantity	Cost	S e c
Budget Activity 05: Civil Engineering Support Equip											
Civil Engineering Support Equipment											
	Passenger Carrying Vehicles	A		5,299							U
	General Purpose Trucks	A		2,946							U
	Construction & Maintenance Equip	A		34,970							U
	Fire Fighting Equipment	A		2,541							U
	Tactical Vehicles	B		19,699							U
	Amphibious Equipment	A		12,162							U
	Pollution Control Equipment	A		2,748							U
	Items Under \$5 Million	A		18,084							U
	Physical Security Vehicles	A		1,170							U
	Total Civil Engineering Support Equip			99,619							
Budget Activity 06: Supply Support Equipment											
Supply Support Equipment											
	Supply Equipment	A		21,797							U
	First Destination Transportation	A		5,572							U
	Special Purpose Supply Systems	A		482,916							U
	Total Supply Support Equipment			510,285							

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Total Obligational Authority
(Dollars in Thousands)

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Line No	Item Nomenclature	Ident Code	FY 2018 Grand Total Quantity	Cost	S e c
----	-----	-----	-----	-----	-
Budget Activity 05: Civil Engineering Support Equip -----					
Civil Engineering Support Equipment					
	Passenger Carrying Vehicles	A		5,299	U
	General Purpose Trucks	A		2,946	U
	Construction & Maintenance Equip	A		34,970	U
	Fire Fighting Equipment	A		2,541	U
	Tactical Vehicles	B		19,699	U
	Amphibious Equipment	A		12,162	U
	Pollution Control Equipment	A		2,748	U
	Items Under \$5 Million	A		18,084	U
	Physical Security Vehicles	A		1,170	U

	Total Civil Engineering Support Equip			99,619	
Budget Activity 06: Supply Support Equipment -----					
Supply Support Equipment					
	Supply Equipment	A		21,797	U
	First Destination Transportation	A		5,572	U
	Special Purpose Supply Systems	A		482,916	U

	Total Supply Support Equipment			510,285	

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Line No	Item Nomenclature	Ident Code	FY 2018 Base Request Quantity	Cost	FY 2018 June Amendment Base Quantity	Cost	FY 2018 Amendment Emergency Quantity	Cost	FY 2018 Amendment Hurricane Quantity	Cost	S e c
Budget Activity 07: Personnel & Command Support Equip											

Training Devices											
	Training and Education Equipment	A		25,624							U
Command Support Equipment											
	Command Support Equipment	A		59,076					7,650		U
	Medical Support Equipment	A		4,383							U
	Naval MIP Support Equipment	A		2,030							U
	Operating Forces Support Equipment	A		7,500							U
	C4ISR Equipment	A		4,010							U
	Environmental Support Equipment	A		23,644							U
	Physical Security Equipment	A		101,982					3,100		U
	Enterprise Information Technology	A		19,789							U
Other											
	Next Generation Enterprise Service	A		104,584							U
999 Classified Programs				23,707							U
Total Personnel & Command Support Equip				376,329					10,750		

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Exhibit P-1 FY 2018 President's Budget Amendment
Total Obligational Authority
(Dollars in Thousands)

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Appropriation: 1810N Other Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2018 Grand Total Quantity	Cost	S e c
----	-----	-----	-----	-----	-----
Budget Activity 07: Personnel & Command Support Equip -----					
Training Devices					
	Training and Education Equipment	A	25,624		U
Command Support Equipment					
	Command Support Equipment	A	66,726		U
	Medical Support Equipment	A	4,383		U
	Naval MIP Support Equipment	A	2,030		U
	Operating Forces Support Equipment	A	7,500		U
	C4ISR Equipment	A	4,010		U
	Environmental Support Equipment	A	23,644		U
	Physical Security Equipment	A	105,082		U
	Enterprise Information Technology	A	19,789		U
Other					
	Next Generation Enterprise Service	A	104,584		U
999	Classified Programs		23,707		U

Total Personnel & Command Support Equip			387,079		

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Line No	Item Nomenclature	Ident Code	FY 2018 Base Request Quantity	Cost	FY 2018 June Amendment Base Quantity	Cost	FY 2018 Amendment Emergency Quantity	Cost	FY 2018 Amendment Hurricane Quantity	Cost	S e c
Budget Activity 08: Spares and Repair Parts											

Spares and Repair Parts											
	Spares and Repair Parts	A	278,565								U
			-----		-----		-----		-----		
	Total Spares and Repair Parts		278,565								
			-----		-----		-----		-----		
	Total Other Procurement, Navy		8,277,789		-374,925				25,750		

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 Exhibit P-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

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Line		Ident	FY 2018	S
No	Item Nomenclature	Code	Grand Total	e
----	-----	-----	Quantity Cost	c
Budget Activity 08: Spares and Repair Parts				

Spares and Repair Parts				
	Spares and Repair Parts	A	278,565	U

	Total Spares and Repair Parts		278,565	

	Total Other Procurement, Navy		7,928,614	

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Exhibit P-40, Budget Line Item Justification: PB 2018 Navy								Date: November 2017				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications						P-1 Line Item Number / Title: 3107 / Submarine Broadcast Support						
ID Code (A=Service Ready, B=Not Service Ready): A			Program Elements for Code B Items: N/A					Other Related Program Elements: N/A				
Line Item MDAP/MAIS Code: N/A												
Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	33.854	15.485	34.151	44.669	0.000	44.669	29.666	30.227	32.351	32.986	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	33.854	15.485	34.151	44.669	0.000	44.669	29.666	30.227	32.351	32.986	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	33.854	15.485	34.151	44.669	0.000	44.669	29.666	30.227	32.351	32.986	Continuing	Continuing
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	0.453	0.030	0.064	-	0.064	0.005	-	-	-	-	0.552
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Description:												
AMENDED BUDGET REQUEST JUSTIFICATION: FY 2018 Amended request of \$15M supports the replacement of Fixed Submarine Broadcast System (FSBS) antennas and transmitters at the Aguada, Puerto Rico site due to significant damage sustained during Hurricane Maria. These replacement efforts are essential to Nuclear Command, Control, and Communication (NC3) readiness, since the primary mission of the FSBS is NC3, providing 24/7 one-way Low Frequency/Very Low Frequency (LF/VLF) transmission of strategic and tactical messages to submarines operating in a stealth posture. The following components must be replaced due to significant damage: Tower Lighting Isolation Transformer (TLIT) Base Housing, the AN/FRT-95D solid-state transmitter, and an Insulator.												
The Submarine Broadcast program modernizes communication elements which support Navy Nuclear Command, Control, and Communications (NC3) strategic requirements, connecting the President of the United States (POTUS) to Ballistic Missile Submarines (SSBN) via the Fixed Submarine Broadcast System (FSBS). This portfolio provides integration, production and installations for shore-to-ship transmit and receive communications systems. The portfolio also provides integration, production and installations for other tactical shore-to-ship communications systems (i.e., Submarine Operating Authority Command, Control, and Communications (C3) Systems) in support of tactical communications with other submarine types (i.e., SSN & SSGN).												
[P3A / W4010 Legacy NC3 NMHS]: FY14-FY18 Legacy Nuclear Command, Control and Communication Navy Modernized Hybrid Solution (NC3 NMHS): The Legacy NC3 NMHS messaging hardware and software will provide accurate and reliable delivery of time-critical messages for command and control of nuclear forces in a pre-attack environment for force direction, force management, situation monitoring and planning. The NC3 NMHS hardware and software upgrade at all sites will replace Navy Information eXchange Terminal(NIXT) at shore communications stations supporting NC3.												
[P40AMOD / W4009 Low Band Universal Communications System (LBUCS) Transmit]: LBUCS Transmit will modernize the low power transmit subsystem hardware, software and waveform components at Broadcast Transmitter Stations (BTS) and Broadcast Control Authority (BCA) sites including the VLF Broadcast Builder, AN/URT-30B Integrated VLF Transmit Terminal (IVTT), IVTT Proxy, the MD-1310, MD-1315, and MD-1316 Modulators, and the North Atlantic Treaty Organization (NATO) Interoperable Submarine Broadcast System (NISBS). Production costs for LBUCS equipment vary due to unique site configurations. Cost and duration for LBUCS Broadcast Control Authority (BCA) installations are greater than Broadcast Transmitter Stations (BTS) due to complexity of the BCA system. Install costs for BCA equipment vary due to unique site configuration and mix of CONUS and OCONUS locations.												
[P5 / W4009 Low Band Universal Communications System (LBUCS), Receive]: LBUCS will upgrade receive subsystems of Fixed Submarine Broadcast Systems (FSBS), which are approaching their operational end of life. LBUCS will ensure operational capability through the VLF architecture by providing system life extension and flexibility of submarine broadcast reception to submarines operating in a stealth posture. Unit costs for procurement and installation of LBUCS Receive vary due to unique platform and equipment configurations.												

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Exhibit P-40, Budget Line Item Justification: PB 2018 Navy		Date: November 2017
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 02: Communications & Electronics Equip / BSA 12: Submarine Communications		P-1 Line Item Number / Title: 3107 / Submarine Broadcast Support
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
[P5 / W4011 Submarine Operating Authority (SUBOPAUTH)]: SUBOPAUTH will modernize and standardize the aging command, control and communication (C3) infrastructure and several critical C3 systems at the four regional SUBOPAUTH Broadcast Control Authority (BCA) sites and three Take Charge and Move Out (TACAMO) BCA sites. Different equipment is procured and installed each fiscal year. [P5 / W4012 Take Charge and Move Out (TACAMO)]: TACAMO's primary mission is to receive and retransmit EAM to United States strategic forces. The TACAMO Ground Communication Programs will procure the necessary fixed and mobile communications equipment to support the TACAMO mission each fiscal year. For this reason, different components will be procured from year to year. [P3A / W4008 Transmission Equipment]: Transmission Equipment consists of two major systems - Antennas and Transmitters - located worldwide. Transmission Equipment program will modernize the aging and obsolete components of the submarine broadcast transmission system, which includes the high power transmitters and antennas located at the Broadcast Transmitter Station (BTS) sites. Different components are procured each year for this effort depending on modernization requirements. In FY17 one (1) Bushing, three (3) Tower Lighting Systems, two (2) Tower Lighting Isolation Transformers and thirty-five (35) Laptops and Windows 10 Software Licenses were procured. In FY18 one (1) Bushing, one (1) Base Arc Gap, four (4) Network Switch and Link Protectors and four (4) Solid-State Variable Power Amplifier Plates and one (1) Auto-tune Power Amp will be procured.		
Justification: FY 2018 Amended request of \$15M supports the replacement of Fixed Submarine Broadcast System (FSBS) antennas and transmitters at the Aguada, Puerto Rico site due to significant damage sustained during Hurricane Maria. These replacement efforts are essential to Nuclear Command, Control, and Communication (NC3) readiness, since the primary mission of the FSBS is NC3, providing 24/7 one-way Low Frequency/Very Low Frequency (LF/VLF) transmission of strategic and tactical messages to submarines operating in a stealth posture. The following components must be replaced due to significant damage: Tower Lighting Isolation Transformer (TLIT) Base Housing, the AN/FRT-95D solid-state transmitter, and an Insulator. LBUCS Receive: FY18 funding will provide for the procurement and installation of LBUCS Receive shore and submarine units. LBUCS Transmit: FY18 funding will provide for the installation of LBUCS Transmit units at Broadcast Transmitter Stations (BTS) and Broadcast Control Authority (BCA) sites. Submarine Operating Authority (SUBOPAUTH): FY18 funding will provide for the procurement of the Information Screening and Deliver Subsystem (ISDS) modernization as well as the Allied Enclave variant of the ISDS for seven BCA sites; and for the installation of Submarine Fleet Mail Server (SUBFMS), SUBOPAUTH Wide Area Network Monitoring (SWANMON), BCA Utilities Workstation, Network Attached Storage (NAS), File Transfer Protocol-Secure (FTP-S) and a new Chat application at four of the SUBOPAUTH BCA sites. Transmission Equipment: FY18 funding will provide for eleven (11) procurements and thirty-one (31) installations at five (5) different Broadcast Transmitter Station (BTS) sites. Procurement and Installation unit costs vary due to procuring and installing different components each fiscal year. For example FY17 procured one (1) Bushing, three (3) Tower Lighting Systems, two (2) Tower Lighting Isolation Transformers, and thirty-five (35) Laptops and Windows 10 Software Licenses. FY18 will procure one (1) Bushing, one (1) Base Arc Gap, four (4) Solid State Variable Power Amplifier Plates, four (4) Network Switches and Link Protectors and one (1) Auto-tune Power Amp. FY18 funding - Legacy Nuclear Command, Control and Communication Navy Modernized Hybrid Solution (NC3 NMHS): Provides for the procurement and installation of NC3 NMHS (21) Navy Information eXchange Terminals (NIXT) and (4) Nova Hardware and Software.		

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Exhibit P-40, Budget Line Item Justification: PB 2018 Navy										Date: November 2017		
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 07: Personnel & Command Support Equip / BSA 02: Command Support Equipment							P-1 Line Item Number / Title: 8106 / Command Support Equipment					
ID Code (A=Service Ready, B=Not Service Ready): A				Program Elements for Code B Items: N/A				Other Related Program Elements: N/A				
Line Item MDAP/MAIS Code: N/A												
Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	90.980	29.745	44.680	66.726	0.000	66.726	40.835	39.034	34.668	36.269	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	90.980	29.745	44.680	66.726	0.000	66.726	40.835	39.034	34.668	36.269	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	90.980	29.745	44.680	66.726	0.000	66.726	40.835	39.034	34.668	36.269	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	0.168	0.005	0.022	-	0.022	0.023	0.029	0.026	0.022	Continuing	Continuing
Flyaway Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Description: AMENDED BUDGET REQUEST JUSTIFICATION: The FY 2018 Amended request of \$7.7M supports Military Construction (MILCON) Projects at NAS Corpus Christi, TX and NAS Key West, FL as a result of significant damage sustained during Hurricane Harvey and Hurricane Irma. Projects include Consolidate Squadron Ops & Flight Training Building (Project P450) and Hazardous Waste Storage and Transfer Facility (Project P485) at NAS Corpus Christi, TX and Replace Aircraft Maintenance Hangar (Project P211), Navy Gateway Inn and Suites Facility (Project P741) and Trumbo Point Annex Fire Station (Project P731) at NAS Key West, FL. FY 2018 Supplemental funding outfitting requirements include Automatic Data Processing (ADP) Hardware and Software, Collateral Equipment List, and Command, Control, Communications, Computers, and Intelligence (C4I) Command and Control (C2) equipment. This line provides for new and systematic replacement of investment items required in support of the operational mission of the Navy's claimancy. Procurement of Command Support Equipment throughout the Navy involves the purchase, replacement and upgrade of various pieces of equipment such as Cable Replacements and the purchase, repair, and upgrade of IT Infrastructure and Security Systems. This equipment is an integral part of the programs to improve the fleet and shore establishment by maintaining or expanding existing capabilities or replacing ineffective units. [P40A / NCIS Data Modernization & Analytical Tools]: The NCIS mission is to support the day-to-day operations to Prevent Terrorism, Protection of National Secrets, Reduce Crime across the Department of Navy and Marine Corps, and comply with DON Mandates. Without the IT Program and Technical Support, these systems will impact NCIS ability to fulfill its mission as designated by SECNAVINST 5430.107. This will Negatively impact mission commanders in their warfighting capacity. Additionally, these IT services have a direct impact on security and monitoring of IT systems as defined in DOD 8500.02 and would violate the requirement and raise the risk of system security vulnerabilities. In addition, NCIS will be supporting the Naval Justice Information System (NJIS), Tactical Network, and VTC infrastructure initiatives. [P40A / OCHR - Human Resource IT system]: Procurement funding ensures that production and modernization of Human Resources Civilian Personnel (HRCPP) in support of DON HR Enterprise Systems remain in accordance with DOD and DON modernization efforts are met, technical refresh of past-shelf-life infrastructure supporting HRCPP, and planned HRLINK licensing expansion in compliance to ESL mandates to DON Functional Communities. Routine Technical Refresh - \$116K Licensing - IBM/ESL Contract via ImmixTechnology \$325K [P40A / FIP]: Funding will be used for procurement of additional modules/ capabilities to improve Navy ERP user experience and actions to correct deficiencies found in the Federal Information System Controls Audit Manual (FISCAM) audit. FISCAM resourcing requirements are growing as an increasing number of deficiencies are identified due to non-compliance with financial audit standards resulting from inadequate internal controls among DON business processes and IT systems.												

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Exhibit P-40, Budget Line Item Justification: PB 2018 Navy		Date: November 2017
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 07: Personnel & Command Support Equip / BSA 02: Command Support Equipment		P-1 Line Item Number / Title: 8106 / Command Support Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
[P40A / Insider Threat]: The Navy Insider Threat program seeks to meet Defense and Department of the Navy direction to deter, detect, and mitigate the risk of compromise due to insider threats. Insider Threat to Cybersecurity will enable accomplishment of these objectives by providing a user activity monitoring capability, a mechanism for fusing collected information with security risk data from multiple other sources, and a graphical display to facilitate threat analysis, identification, and initial action. This effort is to procure, configure, and install hardware and software in support of the Insider Threat program. [P40A / Electronic Military Personnel Record System (EMPRS)]: Electronic Military Personnel Record System (EMPRS): Electronic Military Personnel Record System (EMPRS) is an electronic document/image based system that serves as the repository for all Department of Navy (DoN) official military personnel record images (over 170 million images). It supports retired, active, and reserve military personnel in the functional areas of selection board operations, casualty management, mobilization, veteran benefits (providing automated Sailor information to the Veterans Administration) and other military personnel management functions. EMPRS annually supports over 150 statutory and administrative selection boards, providing over 12 million service record images, covering promotions, assignments, and retention. References: Title 10 & 44, U. S. Code and Title 36, CFR (Record Management Requirements), DoD Directive 5015.2 OPN funding provided allows us to use an acquisition strategy that is both cost efficient and effective. This strategy sustains the EMPRS program throughout the FYDP, providing technology refreshment (TR) throughout the years (evolutionary) as opposed to a TR every 8 years. This provides vital upgrades in a more timely manner. An 8 year refresh cycle of IT would require reliance on old system and software, by IT standards, that frequently result in compatibility issues as new systems and software are fielded, thus driving up sustainment costs. Evolutionary technical refreshment is a more cost effective strategy. [P40A / Peripherals]: : Peripherals represent auxiliary and infrastructure components that make up and are associated with the EMPRS system, which supports the Navy's selection board processes for all Officer and senior enlisted personnel (E7 & above). EMPRS is the major information system which is mutually supported by infrastructure to conduct 160 selection boards on an annual basis. Peripherals include items such as removable walls within boardrooms that function as display screen for military personnel record display, keyboards, printers, monitors, mice for workstations in the boardrooms, etc. [P40A / Electronic Security System (ESS) Replacement/Upgrade]: Electronic Security System (ESS) Replacement/Upgrade An integrated, open-architecture, non-proprietary digital replacement and/or upgraded corrections/detention-grade electronic security management system. Purchases to include but not limited to: New infrastructure; Multiple CCTV camera monitoring; On-line recording systems; Redundant server/workstation/client fail-over capabilities; VOIP Intercommunication & Paging Audio System; CCTV state-of-the-art, solid state, IP (Internet Protocol) cameras; NVR Recording System Network Video Recorders (NVRs); Integration of CCTV systems to other Brig sub-systems; Access Control System; Proximity-type cards and contactless readers; Integration of the access control system and other facility security control subsystems; Radio Frequency Identification Tracking System; Personal Duress and Alarm System; Personal Digital/Detention Assistant for staff with 802.11 Wi-Fi connectivity; and other requirements necessary to replace/upgrade to a fully functional and integrated Electronic Security System. [P40A / System - Crisis Announcement]: The U.S. Naval War College (NWC) requires a distributed control crisis mass emergency real time assisted voice evacuation and mass communication system within the NWC complex to comply with published safety standards. The required installation will enable NWC security and leadership personnel to operate a supervised and distributed, integrated compound wide system of emergency response. This system will provide an announcement system for the College to mitigate additional emergency situations such as active shooter, bomb threats and other threat scenarios. The required system would assist in the protection of life and property by indicating the existence of an emergency situation and providing "real time" instructions to a large number of people whether inside a building or spread out the NWC complex and surrounding area on Newport Naval Station. As a host of International Senior Officers and numerous U.S. dignitaries, both military and civilian, the Naval War College lacks to capability coordinate the responses of the 1,500 personnel on campus. [P40A / Converged ERP]: Converged Enterprise Resource Planning: The Navy Enterprise Resource Planning (ERP) solution is an integrated business management system that modernizes and standardizes Navy's business processes. Navy ERP utilizes best commercial practices to provide real-time information exchange, unprecedented financial and asset visibility, and improved reporting and decision-making capabilities across key acquisition, financial, and logistics operations. Navy ERP is the tool chosen to meet Congressional mandates to establish and maintain federal financially compliant management systems, federal accounting standards, and U.S. Government General Ledger procedures at the transaction level. The Navy ERP foundation to achieve enterprise-wide business transformation is accomplished through two releases: the Financial/Acquisition Solution and the Single Supply Solution.		

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Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 07: Personnel & Command Support Equip / BSA 02: Command Support Equipment		P-1 Line Item Number / Title: 8106 / Command Support Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
The Navy has overcome a broad range of challenges to successfully deploy financial, acquisition, and workforce management capabilities to all the major acquisition Systems Commands, the Office of Naval Research (ONR), and Strategic Systems Programs (SSP). These commands include up to 72,000 users and \$69B of the Navy's Total Obligation Authority (TOA). Navy ERP has deployed and stabilized the Single Supply Solution covering all Navy's Material Groups and Fleet Logistic Centers (FLCs) and Partner Sites. The project acquires standard applications servers (ADP hardware) which are hosted in a Navy Data Center at NAS Patuxent River to support ERP software for the Navy Converged ERP Program. Funding reflects procurement of Government Furnished Equipment (GFE) hardware, software, and licenses in support of the SAP enterprise system environment for the Navy ERP Program. [P40A / Ashore Equipment]: NSIPS is the Navy's world-wide system for the field level input of pay and personnel transactions. NSIPS supports active duty and reserve users ashore through a single web site, and on approximately 125 ships. NSIPS collects, validates, processes and transfers the data necessary to ensure accurate and timely pay and maintenance of personnel records. NSIPS is a modern, cost-effective human resources capability that fully integrates business processes, tools, and authoritative data to efficiently and effectively manage the military workforce. NSIPS is being enhanced to systematically modernize the Navy's pay and personnel processes and systems. NSIPS relies on technical refresh to maintain the usability, functionality and supportability of the systems ashore to avoid technical obsolescence. The technical refresh of ashore equipment (hardware and software) will be performed on an annual basis throughout the FYDP. [P40A / Electronic Procurement System (ePS)]: ELECTRONIC PROCUREMENT SYSTEM (ePS): The electronic Procurement System (ePS) is the Department of the Navy's (DON) End-to-End (E2E) Contract Writing System (CWS). It will provide the Navy and Marine Corps contracting community with a full contract writing management capability and facilitate integration with federally mandated systems, DON financial systems, and industry. The ePS will utilize Department of Defense (DoD) standards and support auditability. The ePS will address existing CWS challenges including outdated architecture, limited capabilities, scalability concerns, and existing legacy systems. Full deployment of the ePS ensures compliance of the DON's contracting abilities with the following legislative mandates: the writing and management of all contracts must now occur in congressionally approved computer systems (Section 862 of the National Defense Authorization Act (NDAA) of 2013); the central management and oversight of all DoD business (10 U.S. Code (U.S.C.) Section 2222); and all contracting actions must be fully auditable and traceable (Section 1003 of the NDAA 2010 & Office of the Secretary of Defense (OSD) Financial Improvement and Audit Readiness (FIAR) Guidance). The ePS will use DoD data exchange capabilities (e.g.; Procurement Data Standard (PDS) and Purchase Request Data Standard (PRDS)) in order to achieve standardized data interoperability with external systems. The Navy Enterprise Service Bus (NESB) serves as the hub to relay procurement data to various finance and other systems of record, such as Navy Enterprise Resource Planning (NERP), Standard Accounting & Reporting System (STARS) and Standard Accounting Budgeting & Reporting System (SABRS). The result of successful ePS implementation will be a contracting workforce that issues accurate and timely contracts in a standard format that comply with all DoD/Federal laws, regulations, and policies. [P40A / Electronic Procurement System (ePS)]: ELECTRONIC PROCUREMENT SYSTEM (ePS): The electronic Procurement System (ePS) is the Department of the Navy's (DON) End-to-End (E2E) Contract Writing System (CWS). It will provide the Navy and Marine Corps contracting community with full contract writing management capability and facilitate integration with federally mandated systems, DON financial systems, and industry. ePS will utilize Department of Defense (DoD) standards and support auditability. ePS will address existing CWS challenges including outdated architecture, limited capabilities, scalability concerns, and existing legacy systems. Full deployment of the ePS ensures DON's compliance with the following legislative mandates: writing and management of all contracts in congressionally approved computer systems (Section 862 of the National Defense Authorization Act (NDAA) of 2013); central management and oversight of all DoD business (10 U.S. Code (U.S.C.) Section 2222); and contracting actions must be fully auditable and traceable (Section 1003 of the NDAA 2010 & Office of the Secretary of Defense (OSD) Financial Improvement and Audit Readiness (FIAR) Guidance). [P40A / Maritime Operations Center (MOC) Procurement]: MOCs deliver Navy Command and Control (C2) capabilities at the Operational Level of War (OLW) that guide execution of the six (6) core capabilities of the Navy as outlined in the 2009 A Cooperative Strategy for 21st Century Seapower (Forward Presence, Deterrence, Sea Control, Power Projection, Maritime Security, Humanitarian Assistance and Disaster Response) through the full range of military operations (ROMO). The MOC initiative focuses on improving the Navy's OLW C2 by establishing baseline capabilities in globally-networked MOCs enabling Numbered Fleet and Navy Component Commanders (NFC/ NCC) to assume a range of Service and Joint roles while continuing to accomplish traditional Fleet management functions. The MOC construct enhances C2 of Navy forces at the operational level through headquarters manned by		

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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
Line Item MDAP/MAIS Code: N/A		
individuals qualified in joint operational-level staff processes and enabled by globally interoperable Command, Control, Communications, Computers, and Intelligence (C4I) systems. MOCs provide organizational consistency, the scalability and flexibility to transition between various command roles, and enhanced global networking among Navy and Joint organizations. The desired end state/goal of the system-of-systems methodology embodied in each of the eight (8) MOCs is to achieve globally-networked operational-level C2 decisions by NCC, Joint Force Maritime Component Commanders (JFMCC) and Commanders of Joint Task Forces (CJTF). Focused acquisition of standard and common suites of systems (from the existing base of Navy, Army, Air Force and joint Programs of Record (PORs) and non-PORs) facilitates successful accomplishment of designated Joint Mission-Essential Tasks (JMETs) aligned to Joint Capability Areas (JCAs) and in support of Combatant Commander theater objectives. This system of systems approach aims to achieve effective, agile, networked and scalable MOCs, employing common doctrine, standardized processes and common C4I systems. Each MOC will be able to operate within a common organizational construct in various roles (joint, interagency and combined). The global network and commonality enable both reach-back and load-sharing across all MOCs within a Navy enterprise network to include Ballistic Missile Defense (BMD) networks. The eight (8) MOCs consist of nine (9) sites (seven (7) ashore and two (2) afloat) including each of the numbered Fleets (Commander Third Fleet (C3F); Commander Fourth Fleet (C4F); Commander Fifth Fleet (C5F); Commander Sixth Fleet (C6F) ashore and forward afloat; Commander Seventh Fleet (C7F); Commander Tenth Fleet (C10F); Commander Pacific Fleet (COMPACFLT); and U.S. Fleet Forces Command (COMUSFLTFORCOM) NCCs. [P40A / CNIC]: Smart Grid System provides the ability to centrally monitor, manage, and control energy supply and distribution as well as helps to sustain lower cost of shore operations gained through identification and execution of energy efficiency projects. To attain the Navy's Shore Energy Security Goals, funding will be used to support the procurement of the software and equipment suite to connect advanced metering infrastructure (AMI) with building energy controls across various Navy installations via a secure IT network connection. This procurement provides full capability consisting of hardware, software, integration, & operator training necessary to aggregate data from thousands of disparate control systems into a centralized and secure data management system. It provides the operator(s) transparency of the operational condition of building and utility infrastructure and includes advanced analytics that enable timely action for preventive maintenance, prevention of disruption in operations and support of condition based maintenance, supporting mission assurance and bringing further operational savings. Smart Grid is a regional capability that centralizes energy management for multiple bases at each of nine (9) regions. Two of those regions currently have partial Smart Grid capability but need upgrades to achieve the full capability. Regions are prioritized as follows: (1) Fleet concentration areas and mission assurance (cyber security) - MIDLANT (FY16 1st article test), Hawaii, South West, Marianas, South East (2) OCONUS - EURAFSWA, Far East (3) Upgrade (backfit) existing Smart Grids - NDW, Northwest [P40A / United States Fleet Forces Command]: The procurement of Command Support Equipment throughout the Navy Information Forces (NAVIFOR) involves the purchase, replacement and upgrade of various types of equipment, to include, but not limited to, critical cable plant repair / upgrade, Voice, Video, and Data Infrastructure and security disintegrators / systems at 114 world-wide Base Communications Office (BCO) sites throughout the Pacific and Atlantic areas of responsibility. BASE COMMUNICATIONS OFFICE (BCO) (NAVIFOR): Telephone switch Uninterruptible Power Supply (UPS) - Procure and install telephone switch UPS and rectifier systems at CONUS / OCONUS locations which are necessary in order to remedy safety concerns, hazardous situations and performance deficiencies. BASE COMMUNICATIONS OFFICE (BCO) INFRASTRUCTURE REPLACEMENT/UPGRADE (CABLE & EQUIPMENT) (NAVIFOR): Base Communications Office (BCO) provides telecommunications services to include the transport of voice, video and data information at 114 world-wide sites. The BCO is responsible for the daily operations and maintenance of Base Telecommunication services, devices and systems. Funding this requirement will allow for immediate repair of cable/equipment. It provides the ability to respond to casualties and to upgrade when necessary for BCO's throughout the Pacific and Atlantic areas of responsibility. INFOCON 3 (NAVIFOR): Funding required for the procurement of software, licensing upgrades and technical support, to include patches and version upgrades as required, for the Joint Information Management System (JIMS) in support of U.S. Cyber Command (USCC) Taskorder 12-0373. This software enables JIMS capability to work across systems (Navy to Joint); provides reciprocal communications via web service calls from Navy Cyber Defense Operations Command systems to Defense Information Service Agency; allows process and technology interfaces for incident reporting, and provides situational awareness of U.S. Navy incidents. DEFENSE RED SWITCH NETWORK (DRSN) (NAVIFOR): Procure and install 5 new DSS-2A red switch systems. Must replace obsolete DRSN switches to maintain operation of Navy DRSN sites. DRSN is the only secure voice system that provides a single user desktop platform Integrated Services Telephone (IST) that allows interface/access to multiple strategic and tactical secure voice systems.		

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Exhibit P-40, Budget Line Item Justification: PB 2018 Navy		Date: November 2017
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 07: Personnel & Command Support Equip / BSA 02: Command Support Equipment		P-1 Line Item Number / Title: 8106 / Command Support Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
EQUIPMENT PROCUREMENT FOR C10F MOC (NAVIFOR): Funding for equipment procurement and sustainment for Maritime Operations Center (MOC) architecture for the Enterprise. Funding provided to procure and install Maritime Operations Center / Marine Headquarter (MOC/MHQ) to provide common operational picture. Common MOC architecture will provide the command the ability to paint a global picture of network health and defense. DEPLOYABLE MISSION SUPPORT SYSTEMS (DMSS) (Fleet Cyber Command): Funding for DMSS kits to support simultaneous team deployments with the primary mission to survey, secure, and protect military networks aboard Navy ships, data centers, and shore sites worldwide which necessitates onsite vulnerability assessments and incident response on little to no notice. DMSS kits are required to allow deployed teams to conduct intensive, computationally-heavy analysis when reach-back capability is unavailable or bandwidth is limited. Navy Cyber Protection Teams (CPTs) located in CONUS will be required to deploy cyber planning and incident response elements into theater to support C4F, C5F, and C6F mission assurance objectives to include identification of cyber key terrain and OPLAN development. ELECTRICAL POWER SYSTEMS: Procures, installs, and replaces generators and uninterruptible power supply (UPS) systems to provide highly reliable, continuous, high quality power subsystems to support Fleet Cyber Command. Some of the operational load is designated as "critical" and requires UPS Systems for instantaneous application in case of loss or disturbance of the primary power source. [P40A / New Joint Regional Security Stack (JRSS)]: Funds supports the Navy's transition to the Joint Regional Security Stack (JRSS)/Service Migration Team (SMT) to enhance the Department of Defense (DOD)firewall functions, intrusion detection and prevention, enterprise management, virtual routing and cyber network security capabilities. JRSS defends the cyber warfighting domain and resolves the Joint Information Environment (JIE) Initial Capabilities Document (ICD) gaps by shrinking the attack surface area. JRSS also achieves standard network security architecture and accelerates a standardized command and control platform for JIE. [P40A / C4I Equipment Naval Computer and Telecommunications Station]: NCTAMS Det Rota acts as a hub and provides communications services to Naval Station Rota,Spain and Naval units in Madrid, Valencia, Lisbon (Portugal), and Gibraltar for approximately 10,000 DoD personnel. In addition to this defense telecommunication capacity, NCTAMS provides commercial telecommunication services to Naval Station Rota users. Commercial fiber and copper lines come into the base via Building 3307, the main telephone switch facility. From this facility, DoN managed copper and fiber cables are routed throughout NAVSTA Rota so that communications data can be distributed to interconnecting five remote telephone switch nodes. NCTAMS LANT Det Rota significant Joint Support includes: - Provide direct C4I support for USEUCOM, USAFRICOM, USCENTCOM, and USTRANSCOM. Rota is TRANSCOM's premier en route air mobility hub for support to EUCOM, CENTCOM and AFRICOM. - Provide COMSEC support for Strike Force NATO in Lisbon, Portugal. Constructs a new consolidated, secure, state-of-the-art, communications station and support facility. Project will allow consolidation of administrative, personnel and operational support functions into a new facility and subsequent demolition of eleven old and deteriorated buildings. [P40A / BCO Infrastructure Replacement (Cable & Equipment)]: In FY18 the following work efforts will be performed (BSO 60): Naval Computer and Telecommunications Station Far East (NCTSFE) requires Fiber Optic Backbone Realignment on Fleet Activities Yokosuka. BLII engineering and installation did not ensure nor provide for redundancy in case of meteorological, geological, or intentional service interruption. Out-side plant Fiber has been installed by many different efforts with no logical hierarchy and no redundancy to the critical C2 nodes as there are actually five separate fiber optical backbones that do not connect. Current optical backbone infrastructure will not support Assured Services LAN (ASLAN) in accordance with DOD Unified Capability Requirements (DOD UCR 2008) allowing converged distribution of voice, video and data services to include redundancy and diversity of critical C2 and special C2 infrastructure. This results in C2 buildings being single-threaded and at great risk of potential loss of service in a catastrophic event. Key users who will lose connectivity include the NATIONAL COMMAND AUTHORITIES, Combatant Commanders of the Unified Commands, and strategic and tactical subordinate commanders. Additional cost in FY17 and FY18 are due to new/upgraded Base Communication Office (BCO) Outside cable plant infrastructure upgrades required to comply with Unified Capabilities (UC) specifications IAW DoDI 8100.04. Unified Capabilities are the integration of voice, video, and/or data services delivered ubiquitously across a secure and highly available infrastructure, independent of technology, to provide increased mission effectiveness to the warfighter and business communities. [P40A / Electrical Power Systems]: FY18 Procurement Plan Electrical Power (BSO 60): Replacing satellite communications (SATCOM) power control panels at the NAVSATCOMFAC in Wahiawa, Hawaii. SATCOM, inclusive of Teleport, is a DoD Acquisition Category 1 (ACAT I) Acquisition Major Automated Information Systems (MAIS) program. Navy manages 7 of the DoD Gateway sites (Wahiawa, Guam, Diego Garcia, Australia, Chesapeake, Lago Patria, and Bahrain). DOD Teleport is a Joint program that is interoperable with Joint, Allied, and Coalition operations, providing multi-band satellite communications capability and seamless access to terrestrial components of the DISN for worldwide operations. Joint Requirements Oversight Council Memorandum (JROCM) 140-00 (Aug 28, 2000) "Teleport addresses the warfighter's growing requirements for emerging deployed military and commercial SATCOM systems interfaces into key DISN and legacy C4I services". Any degradation of the Wahiawa NAVSATCOMFAC will directly impact joint warfighters requiring services provided in the Pacific AOR and could result in catastrophic failures.		

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Exhibit P-40, Budget Line Item Justification: PB 2018 Navy		Date: November 2017
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 07: Personnel & Command Support Equip / BSA 02: Command Support Equipment		P-1 Line Item Number / Title: 8106 / Command Support Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
[P40A / INFOCON 3 - Security Compliance]: FY18 INFOCON 3 Procurement Plan (BSO 60): Operation ROLLING TIDE (ORT) Remediation outstanding tasking includes Host Based Security System (HBSS) modernization, Global computer network defense enclave hardening, addition of analytical capacity at NCDOC, establishing continuous monitoring, Noesis, and web risk assessment. Increase from FY17 to FY18 supports Hardware/software for enhancing Defensive Cyberspace Operations (DCO) enterprise capabilities and increasing analytical capacity, Continuous Monitoring and Risk Scoring implementation as part of the cyber defense mission support system, HBSS mission system changes to provide Attack Sensing and Warning to mitigate host level malicious activity. Additionally, increase supports Cyber Defense Mission Support System which increases capacity to ingest, process, analyze, store, combat advance persistence threats against Navy networks, report new and emerging data sets, and ensure web vulnerability protection by performing risk assessment. [P40A / Defense Red Switch Network Replacement]: Defense Red Switch Network (DRSN) is a separate, secure switched network that is considered part of the DISN providing high quality, secure voice communications, secure data communications, and secure conferencing capabilities to the senior decision-makers and Combatant Commanders. DRSN provides the National Command Authority (NCA), the National Military Command Center (NMCC), Combatant Commander Command Centers, Warfighters, and other critical DoD and federal activities with reliable, secure, interoperable Command and Control (C2) and crisis management capabilities. FY18 DRSN Procurement Plan (BSO 60): Defense Red Switch Network (DRSN) DSS-IIA Upgrade installation for Pacific Fleet(USAF Contract # FA8218-15-D-0001) related to the Department of the Navy DRSN tech refresh. [P40A / Deployable Mission Support Systems (DMSS)]: Per USCYBERCOM System Requirements Document, each CPT must be provisioned with 2 Deployable Mission Support Systems (DMSS) to support two simultaneous team deployments (40 total). The CPTs primary mission is to Survey, Secure, and Protect military networks (aboard Navy ships, data centers, and shore sites worldwide) which necessitates onsite vulnerability assessments and incident response on little to no notice. Field deployable computing assets for the 20 Navy CPTs are required to allow deployable teams to conduct intensive, computationally-heavy analysis when reach-back capability is unavailable or bandwidth is limited. In addition, Navy CPTs located in CONUS will be required to deploy cyber planning and incident response elements into theater to support C4F, C5F, and C6F mission assurance objectives to include identification of cyber key terrain and OPLAN development. [P40A / United States Pacific Fleet]: These funds are used by PACFLT for the procurement and installation of support equipment required to maintain and modernize the fleet. [P40A / Canopy Shelters]: Temporary Enclosed Dehumidified Tension Fabric Structures to Store Attrition Aircraft at Naval Base Coronado. [P40A / Briefing Display System Upgrade]: PNCSE - Briefing Display System Upgrade (NAVCENT): Procure and install NAVCENT HQ Briefing and Display System (BDS) Upgrade. Coalition partners are currently standing operations on the CSF Maritime Operations Center (MOC) Watch Floor which is powered by the BDS. All Coalition missions are observed and monitored within the MOC and both CSF and Coalition forces use BDS throughout the rest of NAVCENT HQ to include the War Room, MOC conference room, and within Flag Officer spaces. BDS is a critical capability to allow US, and Coalition Nations, to pursue Strategic Security Objectives within the CENTCOM Area of Responsibility. In addition the BDS capability can be configured to share Situational Awareness with Higher Echelons of Command and Peer Commands. The new BDS system will replace the current architecture and allow for capability enhancements to provide increased strategic Command and Control, be CYBERSAFE Compliant, allow for flexibility to adjust displays with the MOC Watch Floor and secure conference rooms. The BDS is the primary battle space awareness tool used by the Combined Maritime Forces US and Coalition Watch Team as well as NAVCENT leadership Command and Control. BDS is a multifaceted Video Information System providing battle-space awareness video to the Combined Maritime Operation Center (CMOC), Alternate Maritime Operations Center (AMOC), War Room, Flag/Coalition Command Suite, Department Head offices, conference rooms and key coalition leadership. BDS is essential to US and Coalition leadership command and control of all naval forces in the CENTCOM area of responsibility. BDS is currently part of Core Build/Mission Build (CB/MB) for every Fleet Maritime Operations Center (MOC) as annotated in OPNAVINST 3500.42 "Maritime Operations Standardization". [P40A / Undersea Warfare Decision Support System - CNE]: NAVEUR Undersea Warfare Decision Support System. Funds will provide for procurement of MD-1324 modem and two systems installs at HQ MOC CTF-69 and CTF-67 for P3-8 Integration. Details held at a higher classification. [P40A / Maritime Operations Center (MOC) Server Room]: Supplemental funding requested for engineering, procurement and installation services in support of MOC C2 server room relocation and reconfiguration. NAVCENT MOC C2 Server Room houses all the mission essential equipment for both the Warfighting Mission Area (WMA) and Enterprise Information Environment Mission Area (EIEMA) used by the Combined Maritime Forces US and Coalition Watch Team as well as NAVCENT leadership Command and Control. MOC C2 systems provide Combined Maritime Operation Center (CMOC), Alternate Maritime Operations Center (AMOC), War Room, Flag/Coalition Command Suite, Department Head offices, conference rooms and key coalition leadership with critical decision making information to allow Naval Forces Central Command and Combined Maritime Forces Commander to direct.		

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Exhibit P-40, Budget Line Item Justification: PB 2018 Navy		Date: November 2017
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 07: Personnel & Command Support Equip / BSA 02: Command Support Equipment		P-1 Line Item Number / Title: 8106 / Command Support Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
[P40A / Briefing Display System (BDS) Delta]: Update of BDS system to replace the current system and allow for capability enhancements to provide increased strategic Command and Control capability enhancements, be CYBERSAFE Compliant, and allow NAVCENT to "buy back" up to 20KW of power in order to support other critical system installations.		
[P40A / Navy Enterprise Tactical Command and Control (NETC2)]: The Navy Enterprise Tactical Command and Control, NETC2, is an integrated command and control headquarters which enables a commander to set up a self-contained, self-powered, computer network-enabled temporary headquarters facility anywhere in the world within 6 - 24 hours of arrival at a location. This system will replace the current JMAST CENT. The current JMAST in NACENT's current Command and Control (C2) systems Continuity of Operations (COOP) site; it is scheduled to be decommissioned as of 30 Sept 2016 with no replacement identified. Navy Enterprise Tactical Command Control (NETC2) offers a one-for-one replacement of the existing JMAST capabilities. JMAST is antiquated and cannot be made Information compliant in its current state. Moreover, JMAST is comprised of legacy equipment that is no longer supported by the Program of Record (POR).		
Justification: AMENDED BUDGET REQUEST JUSTIFICATION: The FY 2018 Amended request of \$7.7M supports Military Construction (MILCON) Projects at NAS Corpus Christi, TX and NAS Key West, FL as a result of significant damage sustained during Hurricane Harvey and Hurricane Irma. Projects include Consolidate Squadron Ops & Flight Training Building (Project P450) and Hazardous Waste Storage and Transfer Facility (Project P485) at NAS Corpus Christi, TX and Replace Aircraft Maintenance Hangar (Project P211), Navy Gateway Inn and Suites Facility (Project P741) and Trumbo Point Annex Fire Station (Project P731) at NAS Key West, FL. FY 2018 Supplemental funding outfitting requirements include Automatic Data Processing (ADP) Hardware and Software, Collateral Equipment List, and Command, Control, Communications, Computers, and Intelligence (C4I) Command and Control (C2) equipment.		
NCIS Data Modernization & Analytical Tools		
Increase in funding supports components of NCIS' NJIS Scanning, Tactical Network and VTC infrastructure initiatives. As the DON begins the roll-out of NJIS, NCIS has a requirement to deploy a variety of high speed scanning capabilities across the enterprise to capture investigative data. NCIS is under development to host critical investigative and operational capabilities which will provide a secure and private environment that allows the investigative technical components of the organization to conduct their mission more efficiently. A number of investigative tools and techniques will leverage this tactical network to include Investigative Cyber Security; Technical Services; Cyber, Technical Surveillance Counter Measures (TSCM), Tech Services, Bio-Metrics, etc. Currently, these capabilities are scattered across separate networks and are not integrated or available to the agency as a whole. Furthermore, NCIS' conference rooms and Leadership Desktop Units are reaching end-of-life and replacement of these systems will give NCIS the capabilities to securely communicate about ongoing investigative and operational sensitive cases to support mission requirements.		
Office of Civilian Human Resources (OCHR): Human Resources IT System		
Office of Civilian Human Resources (OCHR) provides information technology system support for over 204,000 civilians at more than 1,340 naval activities throughout the world. These systems are the core of human resource support for the Department of the Navy. The OCHR Systems Division has the responsibility to implement, sustain, and support the hardware, software, systems and applications, functional administration, and communications infrastructure in accordance with the Department of Navy Chief Information Office, Naval Network Warfare Command, Navy Marine Corp Intranet, and DOD Civilian Personnel Management Services mandates, directives, and policies. The technology for the myriad of human resource applications requires upgrades and/or additional capability to support and maintain the integrity of these systems cost effectively.		
DON Financial Improvement Program (FIP) -- formed in response to Congressional mandates for Navy-Marine Corps and the rest of the Defense Department to achieve financial auditability. The FIP is a Department-wide multi-year change management effort which requires fundamental improvements to processes and systems as well as to the business culture to implement those strengthened internal controls. Increase in FY18 will be used for the STARS to SABRS (S2S) transition hardware and software (HW/SW) required for supporting DON SABRS/SMARTS. This funding begins to address the many HW/SW requirements to transition the 11 BSOs migrating over to SABRS. Implementation will allow DON to comply with OSD's Financial Management (FM) Functional Strategy, to (1) simplify the financial management environment; (2) make the environment more efficient; and, (3) generate auditable budget and accounting data.		
Insider Threat Funds were transferred from MIP OPN LI 8114. This effort is to procure, configure, and install hardware and software in support of the Insider Threat program.		
EMPRS -- Increase from FY17 to FY18 funds critical workstation tech refreshes previously deferred.		

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Exhibit P-40, Budget Line Item Justification: PB 2018 Navy		Date: November 2017
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 07: Personnel & Command Support Equip / BSA 02: Command Support Equipment		P-1 Line Item Number / Title: 8106 / Command Support Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
Converged Enterprise Resource Planning (ERP): FY18 funds provide technical refresh of hardware/servers at the Navy Data Center at NAS Patuxent River. NSIPS In FY18 NSIPS will purchase ashore equipment (hardware and software) to provide the additional capacity and capabilities required by personnel modernization, and to meet Information Assurance requirements. Funds will be used to procure servers, CAC verification and load balancing devices, computer storage, and associated software for the NSIPS web ashore development, test, production, and COOP environments. Hardware purchases will be through NGEN contract which includes installation costs. The increase in NSIPS in FY18 is to procure licenses to improve productivity and reduce future development and sustainment cost of added back office functionality. Additional licenses are required to increase Cyber Security and add necessary security modules limiting Information Assurance (IA) vulnerabilities. These licenses are needed to improve system security, improve auditability, reduce the amount of PeopleCode required for development and sustainment of additional functionality, support the expanded usage from the system consolidations, and improve overall performance of the system. ELECTRONIC PROCUREMENT SYSTEM (ePS): FY18 funding is for the procurement of user licenses for the limited deployment of ePS. CNIC: SMARTGRID Smart Grid Energy Management Computer Software Suite Description: Smart Grid is a new building and utility energy management capability comprised of a computer software suite that through daily operations brings significant savings from predictive maintenance and efficient management of energy sources across the Navy's 70 CONUS and OCONUS installations. The Smart Grid provides first time capability to intelligently analyze energy data from 16,849 smart meters previously installed to comply with the Energy Policy Act 2005 (Public Law 109-58-August 8, 2005) and the Energy Independence and Security Act 2007 (Public Law 110-140-December 19, 2007. The Smart Grid aggregates meter data with highest energy consuming 2042 buildings and 174 utility control systems to intelligently and continuously identify cost savings opportunities, providing 2 of the 8 Trillion BTU energy savings needed to achieve the 50% Navy energy reduction target. The Smart Grid brings first time transparency of building and utility system operations and behavior, essential to both monitor for, and react to, a cyber-event. Maritime Operations Center (MOC): The FY 2018 funding will provide for procurement, production engineering, integration and installations required to continue incremental improvements of the common capabilities of the MOCs, leading to fully-integrated, globally-networked operational-level commands with a Navy enterprise network and appropriate capabilities to exercise Command and Control (C2) over Navy missions, such as Ballistic Missile Defense (BMD), in accordance with MOC baseline requirements. BCO Infrastructure: FY18 increase is to support infrastructure upgrades, Fiber and copper, in the Far East Region and represents a fraction of the BCO OPN requirements. This antiquated cable plant needs to be replaced due to hazardous material and are not compliant with OSHA 29 CFR 1910.1025 or 29CFR 1926.62. The outside cable plant at Navy facilities is antiquated, resulting in significant and frequent failures due to deterioration of cabling insulation. The failure rate is accelerating which is causing prolonged system outages. Deployable Mission Support Systems (DMSS) Per USCYBERCOM System Requirements Document, each CPT must be provisioned with 2 Deployable Mission Support Systems (DMSS) to support two simultaneous team deployments (40 total). The CPTs primary mission is to Survey, Secure, and Protect military networks (aboard Navy ships, data centers, and shore sites worldwide) which necessitates onsite vulnerability assessments and incident response on little to no notice. Field deployable computing assets for the 20 Navy CPTs are required to allow deployable teams to conduct intensive, computationally-heavy analysis when reach-back capability is unavailable or bandwidth is limited. In addition, Navy CPTs located in CONUS will be required to deploy cyber planning and incident response elements into theater to support C4F, C5F, and C6F mission assurance objectives to include identification of cyber key terrain and OPLAN development. OCO: Maritime Operations Center (MOC) Server Room MOC C2 Server Room Relocation is needed now to correct material and safety hazards. MOC C2 Server Room was designed using 1990's technologies, safety and physical security practices. COMUSNAVCENT recognized many deficiencies and safety hazards and funded SSCLANT \$3.2M in FY15 to provide design and engineering services to determine requirements to correct safety hazards and relocate the current MOC C2 Server Room and all systems to		

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Exhibit P-40, Budget Line Item Justification: PB 2018 Navy		Date: November 2017
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 07: Personnel & Command Support Equip / BSA 02: Command Support Equipment		P-1 Line Item Number / Title: 8106 / Command Support Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
another location. The current MOC C2 Server Room presents several risks to life, mission, and cybersecurity. Critical issues needing immediate correction are replacement of wet fire suppression with dry system, replacing cabinets/racks with hot-aisle containment system to improve cooling and physical security, and replace rack power distribution to overhead vice below floor to eliminate shock hazard in case of wet fire suppression discharge. If not funded with OCO funds, C5F MOC, and Coalition forces will not be able to provide timely and effective Command and Control decisions necessary in the pursuit of US, and Coalition, Strategic Objectives within the CENTCOM Theatre		
Briefing Display System		
An approved FY17 upgrade of BDS did not properly take into consideration scope growth of the project needed to replace or upgrade all end-of-life components or technology inflation. The U.S. Naval Forces Central Command's (NAVCENT) Briefing Display System (BDS) is the primary battlespace awareness tool used by the Combined Maritime Forces US and Coalition Watch Team as well as NAVCENT leadership Command and Control. BDS is a multifaceted Video Information System providing battlespace awareness video to the Combined Maritime Operation Center (CMOC), Alternate Maritime Operations Center (AMOC), War Room, Flag/Coalition Command Suite, Department Head offices, conference rooms and key coalition leadership. BDS is essential to US and Coalition leadership command and control of all naval forces in the CENTCOM area of responsibility. Current BDS suite is beyond end-of-life with necessary repairs to critical components like VTC and the "Knowledge Wall" made all the more expensive due to their obsolescence. As a result, a proposed rough Order of Magnitude (ROM) for this upgrade fell short of completing all needed work. The BDS fund is a supplemental follow on from the approved project in PB17. Loss of any of these feeds would severely hamper the mission of COMUSNNAVCENT and Coalition Partners to direct operations in the CENTCOM AOR.		
Navy Enterprise Tactical Command and Control (NETC2)		
NETC2 is required to provide cyber compliant COOP capability. JMAST in COMUSNAVENCT's current Command and Control (C2) systems COOP site; it is scheduled to be decommissioned as of 30SEP2016 with no replacement identified. JMAST is antiquated (beyond end-of-life) and cannot be made Information assurance (IA) compliant in its current state. Moreover, JMAST is comprised of legacy equipment that is no longer supported by the POR. Only 1 NETC2 is required. Further discussions with PMW 790 after UFR submitted indicated that one unit can scale to meet NAVCENT requirements with additional cost. Cost of \$2.5M is for 50 seats. NAVCENT requires 100 seats therefore; requested funding level remains at \$5M to support capacity and capability of the COOP requirement. Failure to fund the NETC2 procurement with OCO funding results in dramatically increased unfunded requirement to be potentially filled with Operation and Management costs (estimated to be over \$2Million per annum) as COMUSNAVCENT will be required to maintain all existing JMAST equipment and personnel organically.		

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Exhibit P-40, Budget Line Item Justification: PB 2018 Navy								Date: November 2017				
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 07: Personnel & Command Support Equip / BSA 02: Command Support Equipment						P-1 Line Item Number / Title: 8128 / Physical Security Equipment						
ID Code (A=Service Ready, B=Not Service Ready): A			Program Elements for Code B Items: N/A					Other Related Program Elements: N/A				
Line Item MDAP/MAIS Code: N/A												
Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	901.676	93.478	110.203	105.082	0.000	105.082	97.717	121.966	117.286	110.564	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	901.676	93.478	110.203	105.082	0.000	105.082	97.717	121.966	117.286	110.564	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	901.676	93.478	110.203	105.082	0.000	105.082	97.717	121.966	117.286	110.564	Continuing	Continuing
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	0.383	0.309	0.119	-	0.119	-	-	-	-	-	0.81
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Description:												
AMENDED BUDGET REQUEST JUSTIFICATION: The FY 2018 Amended request of \$3.1M supports Military Construction (MILCON) Projects at NAS Corpus Christi, TX and NAS Key West, FL as a result of significant damage sustained during Hurricane Harvey and Hurricane Irma. Projects include Consolidate Squadron Ops & Flight Training Building (Project P450) and Hazardous Waste Storage and Transfer Facility (Project P485) at NAS Corpus Christi, TX and Replace Aircraft Maintenance Hangar (Project P211), Navy Gateway Inn and Suites Facility (Project P741) and Trumbo Point Annex Fire Station (Project P731) at NAS Key West, FL. FY 2018 Supplemental funding outfitting requirements include Industrial Plant Equipment, Intrusion Detection, and Electronic Security System.												
This line item procures equipment to support the security and safety for the Department's assets worldwide.												
[P40A / MOBILE SECURITY FORCES - NCW ACTIVE COMPONENT]: Active and Reserve Component of the Coastal Riverine Force (CRF) (formerly Naval Coastal Warfare (NCW), Mobile Security Force (MSF), Maritime Expeditionary Security Force (MESF) and Riverine Force). CRF provides seaward surveillance and security forces in amphibious objective areas, harbors and approaches, straits, anchorages, offshore economic assets and other military areas worldwide. CRF fills current warfighting gaps by providing highly trained scalable and sustainable Security Teams capable of defending mission critical assets in the near coast environment. CRF units provide Ground Defense, Afloat Defense, Airfield/Aircraft Security and a wide range of secondary tasks from Detention Operations to Law Enforcement. Funding will provide prioritized initial outfitting for newly established TOA requirements and procurement of centrally managed equipment to meet Required Operational Capabilities/Program Operational Environment (ROC/POE) and Navy Mission Essential Tasks (NMET) including Visual Augmentation Systems (VAS) and Navy Non-Lethal Effects items.												
[P40A / NAVAL COASTAL WARFARE FORCES-RES COMP (SEC FOR)]: Active and Reserve Component of the Coastal Riverine Force (CRF) (formerly Naval Coastal Warfare (NCW), Mobile Security Force (MSF), Maritime Expeditionary Security Force (MESF) and Riverine Force). CRF provides seaward surveillance and security forces in amphibious objective areas, harbors and approaches, straits, anchorages, offshore economic assets and other military areas worldwide. CRF fills current warfighting gaps by providing highly trained scalable and sustainable Security Teams capable of defending mission critical assets in the near coast environment. CRF units provide Ground Defense, Afloat Defense, Airfield/Aircraft Security and a wide range of secondary tasks from Detention Operations to Law Enforcement. Funding will provide prioritized initial outfitting for newly established TOA requirements and procurement of centrally managed equipment to meet Required Operational Capabilities/Program Operational Environment (ROC/POE) and Navy Mission Essential Tasks (NMET) including Visual Augmentation Systems (VAS) and Navy Non-Lethal Effects items.												
[P40A / SSBN WATERFRONT RESTRICTED AREA SECURITY (WRAS)]: (X7001) SSBN WATERFRONT RESTRICTED AREA SECURITY (WRAS) This category provides for the security equipment required to guard and protect the TRIDENT II (D5) missile while the missile is in storage, being handled, or in a movement convoy to and from the waterfront at the Strategic Weapons Facility, Atlantic (SWFLANT) in Kings Bay, GA and the Strategic												

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Exhibit P-40, Budget Line Item Justification: PB 2018 Navy		Date: November 2017
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 07: Personnel & Command Support Equip / BSA 02: Command Support Equipment		P-1 Line Item Number / Title: 8128 / Physical Security Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
Weapons Facility, Pacific (SWFPAC) in Bangor, WA. Funding supports the Limited Area Electronic Security Systems (ESS) refreshes, the Transit Protection System, Vehicle Barriers, the Command, Control, Communication, Computers, and Intelligence (C4I) system that provides security system, communication network, computers, security force command and control function as well as the Water Detection System and other equipment necessary to meet Nuclear Security requirements per DOD S-5210.41M (Nuclear Weapons Security Manual). [P40A / ANTI-TERRORISM/FORCE PROTECTION AFLOAT PHYSICAL SECURITY EQUIPMENT (ATFP PSE)]: Anti-terrorism/Force Protection (AT/FP) Physical Security Equipment (PSE) and Vessel Boarding Search and Seizure (VBSS) material are a compilation of specific security and AT related items intended for use by Ship's company aligned with Chief of Naval Operations (CNO's) objective for operation watch standers at pier side and perimeter posts. AT/FP PSE material is used to assist shipboard security forces in thwarting potential terrorist attacks and forms the base of security for shipboard personnel. VBSS PSE material enables surface forces to reach full MIO capability including interception, boarding, searching, diverting and /or seizing suspect vessels. AT/FP Laser Dazzlers provide non-lethal means to incapacitate suspected terrorists. [P40A / BIOMETRICS]: Introduces biometrics capabilities for surface ships during Visit, Board, Search and Seizure (VBSS) Enhanced Maritime Interception Operations (EMIO) by providing a new Maritime Domain Awareness (MDA) capability to download fused terrorism intelligence to Counter Terrorism Centers, Terrorism Screening Centers and other Intelligence Community databases to support a Common intelligence picture in a Naval/Joint/Coalition operational environment. Funding will provide Navy developed Identity Dominance Systems (IDS) which will provide required biometrics capability to the fleet. The Program of Record achieved MS C in October 2012, FRP in June 2013, FOC in December 2016, and will be procuring additional systems to meet fleet needs. [P40A / ENHANCED MARITIME INTERCEPTION OPERATIONS (EMIO)]: In response to JCS tasking, implemented Level II MIO Initial Operational Capability May 2005. The new MIO capability expands the operational spectrum for the Navy Overseas Contingency Operations ranging from compliant only to non-compliant boarding of threat vessels. MIO teams will be trained on new equipment, which will allow them to board vessels that refuse to comply with orders to stop and be searched for terrorists and terrorist. Funding will provide Allowance Equipage List (AEL) items such as individual protective equipment and training weapons. [P40A / NAVY EXPEDITIONARY LOGISTICS SUPPORT GROUP]: Navy Expeditionary Logistics Support Group will deliver worldwide expeditionary logistics with active and reserve personnel to conduct port and air cargo handling missions, customs inspections, contingency contracting capabilities, fuels distribution, freight terminal and warehouse operations, postal services, and ordnance reporting and handling. Funding will provide prioritized initial outfitting for newly established TOA requirements and procurement of centrally managed mission equipment to meet Required Operational Capabilities/Program Operational Environment (ROC/POE) and Navy Mission Essential Tasks (NMET) to include Visual Augmentation Systems (VAS). [P40A / MOBILE DIVING SALVAGE UNIT (MDSU) OUTFITTING EQUIPMENT]: Provides prioritized initial outfitting for newly established Mobile Diving and Salvage Unit Table of Allowances (TOA) requirements and procurement of centrally managed diving and salvage systems. MDSU TOA equipment includes diving, salvage and Combat Support Equipment to meet Required Operational Capabilities/Program Operational Environment (ROC/POE) and Navy Mission Essential Tasks (NMET) to include Visual Augmentation Systems (VAS). [P40A / NAVAL SPECIAL WARFARE]: Naval Special Warfare (NSW) service-common funding provides mission critical commodities to US Navy SEAL combat operations in forward deployed contingency locations. These investments include but are not limited to, weapon laser range finders, optics and illuminators. In addition funding supports EO/IR sensors and SEAL night vision goggles. This materiel supports NSW core mission requirements and is essential to the readiness and battlefield effectiveness of NSW in winning the current fight against ISIS and other extremist elements. [P40A / ANTI-TERRORISM FORCE PROTECTION ASHORE]: This program provides centrally procured equipment to improve the physical security posture of Navy installations worldwide. The program applies the Commander Navy Installations Command (CNIC) Risk-based investment strategy, ensuring appropriate Anti-terrorism and Force Protection (ATFP) solutions are fielded. The Physical Security Equipment (PSE) program procures equipment that supports and improves 15 specific Navy capabilities to detect, defer and defeat terrorist and criminal activity targeted against Navy personnel, government property and facilities ashore/afloat. The program provides funds to procure equipment for Navy Military Construction (MILCON) projects, including Intrusion Detection System(s) (IDS) and other Electronic Security System(s) (ESS) before building occupancy. The funds support the following six categories: Electronic Harbor Security Systems (EHSS) and Barriers; Physical Security/Access Control (Gates Automation & Perimeter Security); MILCON IDS; Command, Control, Computer, Communications & Intelligence (C4I) and Other Physical Security Equipment (PSE). [P40A / VACIS]: Ports of Jebel Ali and Fujairah lack capability to screen cargo for explosives or contraband, an identified Force Protection vulnerability. The Vehicle and Contraband Inspection Systems (VACIS) GT is a rugged, highly mobile scanning system. Capable of detecting explosives and illegal contraband in vehicles and cargo containers. Typically used to scan large commercial vehicles during entry control point operations by combat forces in austere environments.		

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Exhibit P-40, Budget Line Item Justification: PB 2018 Navy		Date: November 2017
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 07: Personnel & Command Support Equip / BSA 02: Command Support Equipment		P-1 Line Item Number / Title: 8128 / Physical Security Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
[P40A / ZBV Military Trailer]: 2 x ZBV Military Trailer - ZBV-MIL-TRAILER-01 (Z Backscatter Van Military Mobile Trailer) gamma ray imager. Capable of detecting explosives and illegal contraband in vehicles and cargo containers. Typically used to scan large commercial vehicles during entry control point operations by combat forces in austere environments.		
[P40A / Counter UAS Technology]: The Corian Unmanned Aircraft Systems (UAS) solution is a precision system designed to protect high value assets and support public safety against threats posed by the inadvertent or unlawful misuse of Unmanned Aerial Vehicles (UAV). Corian accurately and reliably detects, identifies, tracks, and mitigates UAV threats and is widely applicable to protecting Naval infrastructure and installations. The system provides continuous, automated monitoring, 24x7, in all weather conditions, and it has the unique ability to identify and locate both the UAV and its ground controller operator. Corian's passive UAV detection capability creates an electronic perimeter boundary around sensitive locations to protect Navy's high value, high interest infrastructures. This UAS detection, identification, and tracking system uses UAS radio links to precisely identify and locate systems flying in banned or protected airspace, i.e. sensitive Navy installation areas. This funding is required to procure hardware, perform site engineering studies, provide system design, deploy and install the system, and provide operator training, to include Tier 1 maintenance.		
Justification: AMENDED BUDGET REQUEST JUSTIFICATION: The FY 2018 Amended request of \$3.1M supports Military Construction (MILCON) Projects at NAS Corpus Christi, TX and NAS Key West, FL as a result of significant damage sustained during Hurricane Harvey and Hurricane Irma. Projects include Consolidate Squadron Ops & Flight Training Building (Project P450) and Hazardous Waste Storage and Transfer Facility (Project P485) at NAS Corpus Christi, TX and Replace Aircraft Maintenance Hangar (Project P211), Navy Gateway Inn and Suites Facility (Project P741) and Trumbo Point Annex Fire Station (Project P731) at NAS Key West, FL. FY 2018 Supplemental funding outfitting requirements include Industrial Plant Equipment, Intrusion Detection, and Electronic Security System.		
Mobile Security Force-Active Increase for procurement of Hailing Acoustic Laser and Light Tactical System (HALLTS) and Long Range Ocular Interrupter (LROI) for Coastal Riverine Forces (CRF) and procurement of Combatant Craft Forward-Looking Infrared (CCFLIR) sensors for the MK VI Patrol Boat.		
Mobile Security Force-Reserve Increase is to update AN/PVS-15 (night vision binoculars) with Wide Field of View (WFOV) goggle system and procurement of M2WS Thermal Weapons Sights that will provide increased situational awareness for low light/night time small boat and tactical convoy operations.		
SSBN Waterfront Restricted Area Security (WRAS) The decrease is attributable to the last year of procurement for; Common Limited Area (LA) Electronic Security System (ESS) Refresh Security Designs (SD) at Strategic Weapons Facility Atlantic (SWFLANT), Kings Bay, Georgia and Strategic Weapons Facility Pacific (SWFPAC), Bangor, Washington, Limited Area Production and Storage Complex (LAPSC) ESS Refresh SD at SWFPAC, and Land Water Interface (LWI) ESS procurements, installations and testing at SWFLANT. The FY 2018 funding request will support the Land Water Interface (LWI) ESS procurements, installations and testing at SWFPAC and the procurement and installation of the Waterfront Restricted Area (WRA) Card Readers. These projects are critical to protecting the Strategic Weapons Facilities and ensuring there is no unauthorized access to nuclear weapons.		
Enhanced Maritime Interception Operations (EMIO) Increase is for procurement of next generation Hand-Held Explosive Detector (HHED) for Anti-Terrorism and Force Protection (ATFP) and Visit, Board, Search, and Seizure (VBSS) platforms.		
Naval Special Warfare Increase reflects establishment, approval and funding of NSW service-common Table Of Allowance to begin correcting shortfalls and bring NSW forces into alignment with required outfitting standards in accordance with SOCOM-USN Memorandum of Agreement. The FY18 increase is based on the development, review, validation, and approval of NSW Service-Common Table of Allowance (TOA). The increase in OPN accounts for costs related to the transition of RQ-20 PUMA Unmanned Aerial Systems (UAS) from MFP-11 to MFP-2 funding. The transition is required in accordance with the US Navy / SOCOM MOA and ensures compliance with Anti-deficiency Act (ADA) provisions.		
Anti-Terrorism Force Protection Ashore Increase due to the replacement of Mass Notification Systems that are at end of life. This capability was directed via legislative mandate resulting from the SECDEF Fort Hood working group.		

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Exhibit P-40, Budget Line Item Justification: PB 2018 Navy		Date: November 2017
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 07: Personnel & Command Support Equip / BSA 02: Command Support Equipment		P-1 Line Item Number / Title: 8128 / Physical Security Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
FY 2018 C4I funding will provide for: Regional Dispatch Center (\$10.8M): Provides Regionalized/Consolidated emergency call receipt, alarm monitoring, and 1st responder dispatching, Utilize centrally-hosted and supported Computer Aided Dispatch, Mobile Data Computers, Records Management Systems, Geographic Information System (GIS), Enterprise Land Mobile Radio (ELMR), and Alarm Automation to optimize emergency communication and response times. Giant Voice / Indoor Voice (\$10.3M): Provides Voice Alerts and Notifications during Emergency Events affecting an installation. Navy Munitions Alarm System (\$3.6M): Equipment and components for Conventional Arms, Ammunitions & Explosives (AA&E) systems supporting Category I/II munitions. Cost Elements 13.1 - 13.4 Counter UAS Technology addresses JEON: C-sUAS JEON is in response to the U.S. Strategic Command Joint Emergent Operational Need Statement, ST-0008, dtd 25Jul16. The rapid deployment capability (RDC) plan is to deploy CORIAN C-UAS systems at both NB Kitsap-Bangor and NSB King's Bay. Recent UAV sightings over several Naval installations comes at a time when the U.S. military is scrambling to improve defenses against the rapidly evolving capabilities of remote-controlled devices. With UAVs increasingly becoming more readily available and affordable, the threat of inadvertent or unlawful flight over restricted spaces multiplies infinitely raising concern that these UAVs could be used as tools for surveillance, espionage, or hostile actions at critical Navy installations. The RDC effort also extends to the blocking vessels that escort submarines to the 100-fathom dive point and justifies the procurement of the mobile sites. Request includes funding for required for Program Management support, systems engineering, operational and safety testing to include targets and facility costs including electrical upgrades, new towers and network management. Cost Element 13.5 Counter Small Unmanned Aircraft Systems (C-sUAS) (+\$10M) is a follow-on effort to procure systems for critical Naval installations. More details available at a higher classification level. FY 2017 decrease in Physical Security Equipment OPN by \$4.240M as required for the Department of the Navy to comply with the Bipartisan Budget Act of 2015. OCO: OCO: Mobile Security Force-Active - \$15.2M OCO request NECC has identified Visual Augmentation Systems (VAS) capability gaps encountered during missions in combat zones while in theater which are causing degradation of mission effectiveness. Funding will provide the warfighter the ability to achieve and maintain situational awareness in extreme low-light and no light environments while performing combat operations. VAS is necessary to avoid incidental engagement of non-combatants while maintaining the greatest possible distance from threats. Funding provides the warfighter the necessary VAS equipment to maintain battle dominance and avoid risk of fratricide. OCO request will procure (210) Wide Field of View goggles (\$9K per unit, \$1.9M total), (198) M2WS Thermal Weapon Sights (\$50K per unit, \$9.9M total), (50) Handheld Thermal Video Recorders (\$20K per unit, \$1M total), and (10) Combatant Craft Forward-Looking Infrared System (Next Generation) (\$240K per unit, \$2.4M total) for Coastal Riverine Force and Maritime Expeditionary Security Force units. OCO: Biometrics - \$0.69M OCO request OCO OPN funding is required procure and field (20) Identity Dominance System (IDS) tactical kits and supporting equipment (\$32K per unit, \$640K total plus \$50K equipment fielding and training) to Indian Head Explosive Ordnance Disposal Technical Division's (IHEODTD) Expeditionary Exploitation Unit 1 (EXU-1) for deploying with operational units. The Identity Dominance System (IDS) is the US Navy's biometrics program. Naval Surface Warfare Center (NSWC) Indian Head Explosive Ordnance Disposal Technical Division's (IHEODTD) Expeditionary Exploitation Unit 1 (EXU-1) requires biometrics collection equipment to perform their mission.		

DEPARTMENT OF THE NAVY
FISCAL YEAR (FY) 2018
HURRICANE AMENDMENT



JUSTIFICATION OF ESTIMATES
NOVEMBER 2017

Working Capital Fund, Navy (NWCF)

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Department of Defense
 FY 2018 President's Budget Amendment
 Exhibit O-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

16 Nov 2017

Appropriation Summary -----	FY 2018 Base Request -----	FY 2018 June Amendment Base -----	FY 2018 Amendment Emergency -----	FY 2018 Amendment Hurricane -----	FY 2018 Grand Total -----
Department of the Navy					
Working Capital Fund, Navy				9,486	9,486
Total Department of the Navy				9,486	9,486
Total Operation and Maintenance Title				9,486	9,486

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Department of Defense
 FY 2018 President's Budget Amendment
 Exhibit O-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

16 Nov 2017

	FY 2018 Base Request -----	FY 2018 June Amendment Base -----	FY 2018 Amendment Emergency -----	FY 2018 Amendment Hurricane -----	FY 2018 Grand Total -----	S e c
493002N Working Capital Fund, Navy						
TOTAL, BA 20: Undistributed				9,486	9,486	
Total Working Capital Fund, Navy				9,486	9,486	
Details:						
Budget Activity 20: Undistributed						
Undistributed						
493002N UNDD Undistributed				9,486	9,486	U
Total Undistributed				9,486	9,486	
Total, BA 20: Undistributed				9,486	9,486	
Total Working Capital Fund, Navy				9,486	9,486	

Department of the Navy
FY 2018 Hurricane Amendment
Working Capital Fund, Navy (Direct)
Budget Activity: Undistributed

	<u>(\$ in Thousands)</u>	
	<u>Amount</u>	<u>Total</u>
C. <u>Reconciliation of Increases and Decreases</u>		
FY 2018 President's Budget Request		0
FY 2018 Hurricane Amendment		9,486
1) Increases		9,486
a) Amended Budget Submission Increases		9,486
i) Increase supports the repair of the damages Hurricanes Irma and Harvey caused at Submarine Base Kings Bay, Naval Air Station Jacksonville, Naval Air Station Key West, and Naval Air Station Corpus Christi.	9,486	
FY 2018 Budget Request		9,486

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