

Department of Homeland Security

United States Coast Guard



Fiscal Year 2017
Congressional Justification

Department of Homeland Security

United States Coast Guard
One-Time Exhibits



Fiscal Year 2017
Congressional Justification

i. Summary of FY 2017 Budget Estimates by Appropriation

Department of Homeland Security U.S. Coast Guard Summary of FY 2017 Budget Estimates by Appropriation Total Appropriations (Dollars in Thousands)

Budget Activity	FY 2015			FY 2016			FY 2017			Increase (+) or Decrease (-) For FY 2017								
	Revised Enacted			Enacted			Request			Total Changes			Program Changes			Adjustments-to-Base		
	POS	FTE	AMOUNT	POS	FTE	AMOUNT	POS	FTE	AMOUNT	POS	FTE	AMOUNT	POS	FTE	AMOUNT	POS	FTE	AMOUNT
Operating Expenses	47,914	45,704	6,844,406	48,104	47,927	6,901,488	48,429	48,247	6,986,815	325	320	85,327	-	-	-	325	320	85,327
Environmental Compliance and Restoration	25	22	13,197	25	24	13,221	25	24	13,315	-	-	94	-	-	-	-	-	94
Reserve Training	445	456	114,572	416	416	110,614	416	416	112,302	-	-	1,688	-	-	-	-	-	1,688
Acquisition, Construction and Improvements	898	759	1,230,008	914	889	1,945,169	914	897	1,136,788	-	8	(808,381)	-	8	(808,381)	-	-	-
Alteration of Bridges	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Research, Development, Test and Evaluation	96	87	17,892	96	96	18,019	96	96	18,319	-	-	300	-	-	-	-	-	300
Medicare-Eligible Retiree Health Care Fund Contribution	-	-	176,970	-	-	168,847	-	-	160,899	-	-	(7,948)	-	-	-	-	-	(7,948)
Subtotal, Enacted Appropriations and Budget Estimates	49,378	47,028	8,397,045	49,555	49,352	9,157,358	49,880	49,680	8,428,438	325	328	(728,920)	-	8	(808,381)	325	320	79,461
Retired Pay	-	-	1,450,626	-	-	1,604,000	-	-	1,666,940	-	-	62,940	-	-	-	-	-	62,940
Boat Safety	14	13	112,830	14	14	114,326	14	14	116,088	-	-	1,762	-	-	-	-	-	1,762
Maritime Oil Spill Program	-	-	182,266	-	-	107,329	-	-	107,868	-	-	539	-	-	-	-	-	539
General Gift Funds	-	-	1,703	-	-	1,621	-	-	2,214	-	-	593	-	-	-	-	-	593
Subtotal Mandatory	14	13	1,747,425	14	14	1,827,276	14	14	1,893,110	-	-	65,834	-	-	-	-	-	65,834
OSLTF Contribution	-	-	[45,000]	-	-	[45,000]	-	-	[45,000]	-	-	-	-	-	-	-	-	-
Overseas Contingency Operations (OCO) Funding Funding (P.L.113-6)	-	[457]	213,000	-	366	160,002	-	-	-	-	(366)	(160,002)	-	-	-	(366)	(160,002)	
505 Rescission	-	-	(5,028)	-	-	(10,140)	-	-	-	-	-	10,140	-	-	-	-	-	10,140
Transfer from CBP to AC&I	-	-	[4,785]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rescissions of unobligated balances permanently reduced	-	-	(61,695)	-	-	(22,245)	-	-	-	-	-	22,245	-	-	-	-	-	22,245
Gross Enacted Appropriations and Budget Estimates (Discretionary, Mandatory and Rescissions)	49,392	47,041	10,290,747	49,569	49,732	11,112,251	49,894	49,694	10,321,548	325	(38)	(800,843)	-	8	(808,381)	325	(46)	7,538

ii. FY 2017 Investment Summary by Appropriation

Department of Homeland Security
U.S. Coast Guard
 FY 2017 Investment Summary by Appropriation*
 Total Appropriations
 (Dollars in Thousands)

Investment Summary by Program/Project Activity		FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Operating Expenses:		\$262,057	\$276,008	\$301,028	\$25,020
CG Logistics Information Management System (CG-LIMS)	PPAIV	\$3,066	\$3,884	\$3,884	-
Coast Guard Business Intelligence (CGBI)	PPAIV	\$6,096	\$6,116	\$6,128	\$12
Direct Access	PPAIV	\$12,188	\$12,382	\$12,494	\$112
Financial Management Service Improvement Initiative (FMSII)	PPAIV	\$5,244	\$19,564	\$24,410	\$4,846
Interagency Operations Centers	PPAIV	\$7,164	\$7,164	\$7,164	-
Marine Information for Safety and Law Enforcement (MISLE)	PPAIV	\$9,655	\$9,655	\$9,655	-
CGOne	PPAV	\$24,191	\$24,191	\$24,191	-
Core Accounting System (CAS)	PPAV	\$31,248	\$29,847	\$34,120	\$4,273
SWIRS	PPAV	\$56,615	\$56,615	\$56,615	-
Vessel Logistics System (VLS)	PPAV	\$5,207	\$5,207	\$5,207	-
Asset Logistics Management Information System (ALMIS)	PPAVI	\$8,230	\$8,230	\$8,230	-
Ports and Waterways Safety System (PAWSS)	PPAVI	\$17,949	\$17,949	\$17,949	-
Rescue 21	PPAVI	\$75,204	\$75,204	\$90,981	\$15,777
Acquisition, Construction and Improvements:		\$979,432	\$1,518,500	\$847,200	(\$671,300)
Fast Response Cutter (FRC)	I. Vessels	\$110,000	\$340,000	\$240,000	(\$100,000)
National Security Cutter (NSC)	I. Vessels	\$632,847	\$743,400	\$127,000	(\$616,400)
Offshore Patrol Cutter (OPC)	I. Vessels	\$20,000	\$89,000	\$100,000	\$11,000
Polar Icebreaker	I. Vessels	-	\$6,000	\$147,600	\$141,600
HC-130J	II. Aircraft	\$107,485	\$150,000	\$20,800	(\$129,200)
HC-144A	II. Aircraft	\$15,000	\$3,000	\$25,500	\$22,500
HC-27J	II. Aircraft	\$20,000	\$102,000	\$130,000	\$28,000
HH-65	II. Aircraft	\$30,000	\$40,000	\$25,000	(\$15,000)
C4ISR	III. Other	\$36,300	\$36,600	\$24,300	(\$12,300)
CG-Logistics Information Management System (CG-LIMS)	III. Other	\$7,800	\$8,500	\$7,000	(\$1,500)
Total Investments		\$1,241,489	\$1,794,508	\$1,148,228	(\$646,280)

* Includes only those investments on Major Acquisition Oversight List (MAOL)

iii. Status of Congressionally Requested Studies, Reports, Briefings, and Evaluations

**Department of Homeland Security
U.S. Coast Guard**

Fiscal Year	Due Date	Reference/Citation	Requirement	Status
2016	9-Feb-16	(P. L. 114-113) Omnibus Appropriations Act, 2016	Capital Investment Plan (FY2017-2021)	Under Development
2016	9-Feb-16	(P. L. 114-113) Omnibus Appropriations Act, 2016	Unmanned Aircraft Systems: Acquisition and Utilization	Under Development
2016	16-Feb-16	(P. L. 114-113) Omnibus Appropriations Act, 2016	Bering Sea and Arctic Region Coverage	Under Development
2016	17-Mar-16	(P. L. 114-113) Omnibus Appropriations Act, 2016	Sexual Assaults: Expedited Transfer and Special Victims Counsel Program	Under Development
2016	17-Mar-16	(P. L. 114-113) Omnibus Appropriations Act, 2016	Fishing Safety: Pilot Training Program	Under Development
2016	15-Jun-16	(P. L. 114-113) Omnibus Appropriations Act, 2016	Arctic Icebreaking Capabilities	Under Development
2016	15-Jun-16	(P. L. 114-113) Omnibus Appropriations Act, 2016	Great Lakes Icebreaking Mission Analysis	Under Development
2016	15-Jun-16	(P. L. 114-113) Omnibus Appropriations Act, 2016	Vessel Traffic in the Gulf of Mexico	Under Development
2016	13-Sep-16	(P. L. 114-113) Omnibus Appropriations Act, 2016	Electronic Aids to Navigation	Under Development
2015	30-Sep-16	(P. L. 113-76) Consolidated Appropriations Act, 2014	Revised Concept of Operations (CONOPS)	Under Development
2015	15 days after completions	(P. L. 113-76) Consolidated Appropriations Act, 2014	Polar Icebreaker Alternative Analyses	Under Development

iv. Schedule of Authorized/Unauthorized Appropriations

Department of Homeland Security
U.S. Coast Guard
 Authorization Levels for Discretionary Appropriations
 (Dollars in Thousands)

Budget Activity	Last Year of Authorization	Authorized Level	Appropriation in Last Year of Authorization	FY 2017 Request
	Fiscal Year ¹	Amount	Amount ²	Amount
Operating Expenses	FY 2015	6,981,036	6,830,318	6,986,815
Acquisition, Construction, and Improvements	FY 2015	1,546,448	1,225,223	1,136,788
Research, Development, Test, and Evaluation	FY 2015	19,890	17,892	18,319
Alteration of Bridges	FY 2015	16,000	-	-
Environmental Compliance and Restoration	FY 2015	16,701	13,197	13,315
Reserve Training	FY 2015	140,016	114,572	112,302
Total Direct Authorization/Appropriation		8,720,091	8,201,202	8,267,539

¹ Howard Coble Coast Guard and Maritime Transportation Act of 2014, P.L. 113-281, was signed December 18, 2014 (FY 2015).

² Appropriation Levels shown are FY 2015 enacted levels for Coast Guard appropriations.

Department of Homeland Security

*United States Coast Guard
Operating Expenses*



Fiscal Year 2017
Congressional Justification

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Schedule I – Executive Summary of Appropriation Exhibits

A. Summary of Budget Estimates by Program Project Activity- Appropriation Level

Department of Homeland Security
U.S. Coast Guard
Operating Expenses
 Summary of FY 2017 Budget Estimates by Program Project Activity
 (Dollars in Thousands)

Program Project Activity	FY 2015			FY 2016			FY 2017			Increase(+) or Decrease(-) for FY 2017		
	Revised Enacted ¹			Enacted			Request			Total Changes		
	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount
I. Military Pay and Allowances	40,046	38,724	\$3,449,782	40,223	40,449	\$3,488,617	40,447	40,699	\$3,597,319	224	250	108,702
II. Civilian Pay and Benefits	7,868	6,980	\$781,517	7,881	7,478	\$792,229	7,982	7,548	\$817,324	101	70	\$25,095
III. Training and Recruiting	-	-	\$198,279	-	-	\$206,498	-	-	\$198,605	-	-	(\$7,893)
IV. Operating Funds and Unit Level Maintenance	-	-	\$1,008,682	-	-	\$1,027,780	-	-	\$996,204	-	-	(\$31,576)
V. Centrally Managed Accounts	-	-	\$337,556	-	-	\$329,906	-	-	\$329,099	-	-	(\$807)
VI. Intermediate and Depot Level Maintenance	-	-	\$1,068,590	-	-	\$1,056,458	-	-	\$1,048,264	-	-	(\$8,194)
Total, Operating Expenses	47,914	45,704	\$6,844,406	48,104	47,927	\$6,901,488	48,429	48,247	\$6,986,815	325	320	\$85,327
Subtotal, Enacted Appropriations & Budget	47,914	45,704	\$6,844,406	48,104	47,927	\$6,901,488	48,429	48,247	\$6,986,815	325	320	\$85,327
OSLTF Contribution	-	-	[24,500]	-	-	[24,500]	-	-	[24,500]	-	-	-
Overseas Contingency Operations (OCO)	-	[457]	\$213,000	-	366	\$160,002	-	-	-	-	(366)	(\$160,002)
505 Rescission	-	-	(\$3,097)	-	-	(\$8,654)	-	-	-	-	-	\$8,654
Net, Enacted Appropriations and Budget Estimates:	47,914	45,704	\$7,054,309	48,104	48,293	\$7,052,836	48,429	48,247	\$6,986,815	325	(46)	(\$66,021)

¹Reflects reprogrammings/transfers, as applicable, and actual FTE. This footnote applies to all FY 2015 Revised Enacted tables throughout the CJ Submission

Overview

A. Mission Statement for Operating Expenses:

The Operating Expenses (OE) appropriation funds the Coast Guard's roles and responsibilities as the principal Federal agency in the maritime domain providing for the safety, security, and stewardship of U.S. resources for the Nation.

B. Budget Activities:

The OE appropriation funds the annualization of prior-year funding, economic adjustments, and operating and maintenance funding for new and existing Coast Guard Programs, Projects and Activities (PPAs). The OE request directly funds all 11 statutory Coast Guard missions and other Service activities in support of the Coast Guard's six DHS Programs and other National priorities.

C. Budget Request Summary:

The FY 2017 request for Coast Guard provides 48,429 positions, 48,247 FTE, and \$6,986,815,000.

The OE request includes increases of \$291.328 million for the transfer of funds for the Working Capital Fund, annualization of prior year funding and the FY 2016 military pay raise; and provides for the FY 2017 pay increase for military (1.6 percent) and civilian (1.6 percent) personnel; military allowances; and the operation, maintenance, and crewing of systems, vessels, aircraft and shore facilities delivered via the Coast Guard's acquisition programs (e.g., shore facilities, Rescue 21, Logistics Information Management System (LIMS), Fast Response Cutter (FRC), National Security Cutter (NSC), C-27J Aircraft, HC-130J Aircraft, and MH-60T Helicopter).

The FY 2017 Budget preserves the Coast Guard's operational readiness to meet today's needs and challenges, while investing in long-term mission capability. The OE adjustments-to-base include decreases of \$201.610 million to execute decommissionings of legacy assets and to continue the focus on critical frontline operations. Decreases include: vessel decommissionings; targeted personnel reductions; management and support efficiencies; the termination of one-time costs; and annualization of prior year management efficiencies.

Base adjustment increases include:

- Annualization of FY 2016 Funding – \$58.754 million
- Mandatory Personnel Entitlements – \$102.863 million
- Operational Adjustments – \$8.642 million
- Operating and Maintenance funds for new assets, including follow-on costs related to Shore Facilities, Rescue 21, LIMS, and Surface and Air Asset Follow-on – \$121.069 million

Base adjustment decreases include:

- Mandatory Personnel Entitlements – (\$2.954 million)
- Termination of One-Time FY 2016 Costs – (\$94.873 million)
- Operational Adjustments – (\$68.823 million)
- Asset Decommissionings – (\$18.371 million)
- Part Year Management Annualizations – (\$16.589 million)

B. FY 2016 to FY 2017 Budget Change - Appropriation Level

Department of Homeland Security
U.S. Coast Guard
Operating Expenses
 FY 2016 to FY 2017 Budget Change
 (Dollars in Thousands)

	Pos.	FTE	Amount
FY 2015 Revised Enacted	47,914	45,704	\$6,844,406
FY 2016 Enacted	48,104	47,927	\$6,901,488
Adjustments-to-Base			
Transfers to and from other accounts:			
WCF Transfer	-	-	(\$983)
Transfer to Acquisition, Construction and Improvement (AC&I)	-	-	(\$3,555)
Transfer	-	-	\$147
Total Transfers	-	-	(\$4,391)
Increases			
Annualization of Part Year Funding	-	322	\$58,754
Mandatory Personnel Entitlements			
Annualization of 2016 Military and Civilian Pay Raise	-	-	\$15,784
2017 Military Pay Raise	-	-	\$26,859
2017 Civilian Pay Raise	-	-	\$9,552
2017 Military Allowances	-	-	\$49,464
2017 Civilian Allowances	-	-	\$1,204
Operational Adjustments			
Federal Protective Service Fee	-	-	\$179
GSA and Other Governmental Rent	-	-	\$1,720
Military Justice Reorganization	28	15	\$2,847
Personnel Security & Suitability Investigations	23	12	\$3,501
Performance Management & Learning Systems	-	-	\$395
Operating and Maintenance Funds for New Assets			
Shore Facility Follow-On	-	-	\$3,540
Rescue 21 (R21) Follow-On	8	5	\$5,371
Logistics Information Management System (LIMS) Follow-On	-	-	\$2,744
Fast Response Cutter (FRC) Follow-On	175	86	\$21,488
National Security Cutter (NSC) Follow-On	306	131	\$38,672
C-27J Aircraft Support Follow-On	73	37	\$28,052
HC-130J Aircraft Follow-On	66	34	\$17,302
MH-60T Helicopter Follow-On	27	7	\$3,900

	Pos.	FTE	Amount
Base Re-Allocations (non-add)			
Military and Civilian FTP and FTE Transfer	[32]	[32]	[\$3,318]
PPA Funding Adjustment	-	-	[\$5,493]
Total, Increases	706	649	\$291,328
Decreases			
Termination of One-Time Costs	-	-	(\$94,873)
Part Year Management Annualizations	-	(89)	(\$16,589)
Mandatory Personnel Entitlements			
2016 Civilian Compensable Work Day	-	-	(\$2,954)
Operational Adjustments			
High Value Unit Escort Reduction	(28)	(14)	(\$924)
Human Resources Efficiencies	(48)	(29)	(\$2,192)
Chief Financial Officer (CFO) Personnel Reduction	(15)	(9)	(\$984)
National Capital Region (NCR) Footprint Consolidation	-	-	(\$3,900)
Air Station Los Angeles Lease Termination Savings	-	-	(\$1,081)
Maintenance Efficiencies	(29)	(15)	(\$2,489)
National Security Cutter Fuel Efficiency	-	-	(\$13,481)
Management and IT Efficiencies	53	27	(\$8,772)
Professional Services Contract Reduction	-	-	(\$35,000)
Asset Decommissionings and Retirements			
Four 110-foot Patrol Boats	(72)	(55)	(\$4,559)
One High Endurance Cutter (WHEC)	(184)	(92)	(\$7,275)
Manned Covert Surveillance Aircraft	(11)	(6)	(\$2,722)
One Seagoing Buoy Tender (WLB) Crew	(47)	(47)	(\$3,815)
Total, Decreases	(381)	(329)	(\$201,610)
Total Adjustments-to-Base	325	320	\$85,327
FY 2017 Current Services	48,429	48,247	\$6,986,815
FY 2017 Request	48,429	48,247	\$6,986,815
FY 2016 to FY 2017 Change	325	320	\$85,327

C. FY 2017 Investment Summary - Appropriation Level

Department of Homeland Security
U.S. Coast Guard
Operations and Support
 FY 2017 Investment Summary- Appropriation Level
 (Dollars in Thousands)

Investment Name	PPA(s)	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request
CG Logistics Information Management System (CG-LIMS)	Operating Funds and Unit Level Maintenance	\$3,066	\$3,884	\$3,884
Coast Guard Business Intelligence (CGBI)	Operating Funds and Unit Level Maintenance	\$6,096	\$6,116	\$6,128
Direct Access	Operating Funds and Unit Level Maintenance	\$12,188	\$12,382	\$12,494
Financial Management Service Improvement Initiative (FMSII)	Operating Funds and Unit Level Maintenance	\$5,244	\$19,564	\$24,410
Interagency Operations Centers	Operating Funds and Unit Level Maintenance	\$7,164	\$7,164	\$7,164
Marine Information for Safety and Law Enforcement (MISLE)	Operating Funds and Unit Level Maintenance	\$9,655	\$9,655	\$9,655
CGOne	Centrally Managed Accounts	\$24,191	\$24,191	\$24,191
Core Accounting System (CAS)	Centrally Managed Accounts	\$31,248	\$29,847	\$34,120
SWIRS	Centrally Managed Accounts	\$56,615	\$56,615	\$56,615
Vessel Logistics System (VLS)	Centrally Managed Accounts	\$5,207	\$5,207	\$5,207
Asset Logistics Management Information System (ALMIS)	Intermediate and Depot Level Maintenance	\$8,230	\$8,230	\$8,230
Ports and Waterways Safety System (PAWSS)	Intermediate and Depot Level Maintenance	\$17,949	\$17,949	\$17,949
Rescue 21	Intermediate and Depot Level Maintenance	\$75,204	\$75,204	\$90,981
Total		\$262,057	\$276,008	\$301,028

Schedule II – Program, Project, Activity (PPA) Exhibits

D. FY 2016 to FY 2017 Budget Change- PPA Level

**Department of Homeland Security
United States Coast Guard
Operating Expenses
I. Military Pay and Allowances**

FY 2016 to FY 2017 Budget Change- PPA Level
(Dollars in Thousands)

I. Military Pay and Allowances		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	40,046	38,724	3,449,782
Base	FY 2016 Enacted	40,223	40,449	3,488,617
Current Services	Annualization of Part Year Funding	-	312	26,475
	Annualization of 2016 Military Pay Raise	-	-	6,726
	2017 Military Pay Raise	-	-	26,859
	2017 Military Allowances	-	-	49,464
	Military Justice Reorganization	27	14	2,100
	Rescue 21 (R21) Follow-On	1	1	75
	Fast Response Cutter (FRC) Follow-On	175	86	8,742
	National Security Cutter (NSC) Follow-On	302	129	12,349
	C-27J Aircraft Support Follow-On	67	34	3,660
	HC-130J Aircraft Follow-On	66	34	3,696
	MH-60T Helicopter Follow-On	27	7	1,022
	Military and Civilian FTP and FTE Transfer	(32)	(32)	(3,266)
	PPA Funding Adjustment	-	-	223
	Termination of One-Time Costs	-	-	(4,415)
	Part Year Management Annualizations	-	(83)	(6,958)
	High Value Unit Escort Reduction	(28)	(14)	(801)

I. Military Pay and Allowances		Positions	FTE	Amount
	Human Resources Efficiencies	(37)	(22)	(1,454)
	Chief Financial Officer (CFO) Personnel Reduction	(1)	(1)	(36)
	Maintenance Efficiencies	(29)	(15)	(876)
	Professional Services Contract Reduction	-	-	(2,294)
	Four 110-foot Patrol Boats	(72)	(55)	(3,590)
	One High Endurance Cutter (WHEC)	(184)	(92)	(5,286)
	Manned Covert Surveillance Aircraft	(11)	(6)	(441)
	One Seagoing Buoy Tender (WLB) Crew	(47)	(47)	(3,272)
Budget Year	FY 2017 Request	40,447	40,699	3,597,319
	Total Change from FY 2016 to FY 2017	224	250	108,702

PPA DESCRIPTION:

The Military Pay and Allowances PPA funds expenses related to compensation and benefits for active duty military personnel. This category includes pay, allowances, employer’s share of the Federal Insurance Contribution Act (FICA), Social Security credits, and other expenses associated with compensating military personnel. Costs related to compensation are calculated by using the Coast Guard’s Standard Personnel Cost (SPC) tables. These tables are updated annually and provide a detailed calculation for each billet, broken down by rank/rate, location—in the United States (INCONUS) or out of the country (OCONUS), which includes Alaska and Hawaii— medical costs and permanent change of station (PCS) expenses. Calculations for medical cost estimates are the same for each billet. Calculations for PCS moves and base pay are based upon rank and location of billet. The FY 2017 submission includes a 1.6 percent pay increase for military personnel.

The Coast Guard was founded as a military, multi-mission, maritime service. Active duty military personnel ensure the Service remains agile, adaptable, and ready to serve the Nation’s maritime interests across a range of dynamic operational environments. As members of one of the Nation’s five Armed Forces and the only military service within the Department of Homeland Security, Coast Guard military personnel conduct missions that protect the public, the environment, and U.S. economic interests in the Nation’s inland waters, ports, waterways, and coastal regions, territorial sea, and on the high seas.

**Department of Homeland Security
Operating Expenses
I. Military Pay and Allowances**

Cost Drivers (Pay & Benefits) - PPA Level (Excludes Reimbursables) (\$000s)

	FY 2015 Revised Enacted ¹				FY 2016 Enacted				FY 2017 Request				FY 2016 to 2017 Change			
	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost
Military Total	40,046	38,724	\$3,449,782	\$89	40,223	40,449	\$3,488,617	\$85	40,447	40,699	\$3,597,319	\$87	224	250	\$108,702	\$2

¹Reflects reprogrammings/transfers, as applicable, and actual FTE. The use of FY 2015 FTE Actuals and FY2015 Revised Enacted Budgetary Resources may reflect a higher average FTE Cost than represented in the FY 2016 Enacted or FY 2017 Request average cost columns.

NARRATIVE EXPLANATION OF CHANGES – PAY COST DRIVERS:

- **FTE Change FY 2016-2017:** The increase of 250 FTE reflects the net change of increases and decreases for FY 2017 initiatives.
- **PCB Change FY 2016-2017:** Provides funding to annualize the FY 2016 military (1.3 percent) pay raise. Provides funding for the FY 2017 military (1.6 percent) pay raise. Provides funding for Basic Allowance for Housing, Permanent Change of Station, and Military Health Care.
- **Average Cost Change FY 2016-2017:** Average cost change is due to personnel cost increases that affect all FTE.

**Department of Homeland Security
United States Coast Guard
Operating Expenses
II. Civilian Pay and Benefits**

FY 2016 to FY 2017 Budget Change- PPA Level
(Dollars in Thousands)

II. Civilian Pay and Benefits		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	7,868	6,980	781,517
Base	FY 2016 Enacted	7,881	7,478	792,229
Current Services	Annualization of Part Year Funding	-	10	1,175
	Annualization of 2016 Civilian Pay Raise	-	-	9,058
	2017 Civilian Pay Raise	-	-	9,552
	2017 Civilian Allowances	-	-	1,204
	Military Justice Reorganization	1	1	95
	Personnel Security & Suitability Investigations	23	12	1,228
	Rescue 21 (R21) Follow-On	7	4	373
	National Security Cutter (NSC) Follow-On	4	2	253
	C-27J Aircraft Support Follow-On	6	3	309
	Military and Civilian FTP and FTE Transfer	32	32	3,318
	PPA Funding Adjustment	-	-	(203)
	Part Year Management Annualizations	-	(6)	(591)
	2016 Civilian Compensable Work Day	-	-	(2,954)
	Human Resources Efficiencies	(11)	(7)	(474)
	Chief Financial Officer (CFO) Personnel Reduction	(14)	(8)	(650)
	Management and IT Efficiencies	53	27	3,402
Budget Year	FY 2017 Request	7,982	7,548	817,324
	Total Change from FY 2016 to FY 2017	101	70	25,095

PPA DESCRIPTION:

The Civilian Pay and Benefits PPA funds expenses related to compensation and entitlements for Federal civilian employees. The workforce is composed of General Schedule (GS) personnel, Administrative Law Judges (AL), Senior Executive Service (SES) personnel, personnel whose salaries are Administratively Determined (AD) (e.g., Coast Guard Academy civilian faculty members), Wage Grade (WG) positions employed in industrial operations, and “Non-Ceiling” (NC) employees (e.g., cooperative education students, student aides, and Federal junior fellows). The FY 2017 request includes a 1.6 percent pay increase for civilian personnel, as well as funding for an increase in retirement contributions for the Federal Employees Retirement System (FERS).

Civilian personnel are an integral part of the Coast Guard and vital to execution of its statutory missions. The Coast Guard continues to complement its military workforce by recruiting diverse, well-educated, and dedicated civilians needed to meet current and future demands.

**Department of Homeland Security
Operating Expenses
II. Civilian Pay and Benefits**

Cost Drivers (Pay & Benefits) - PPA Level (Excludes Reimbursables) (\$000s)

	FY 2015 Revised Enacted ¹				FY 2016 Enacted				FY 2017 Request				FY 2016 to 2017 Change			
	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost
Civilian Total	7,868	6,980	\$781,517	\$112	7,881	7,478	\$792,229	\$105	7,982	7,548	\$817,324	\$107	101	70	\$25,095	\$2

¹Reflects reprogrammings/transfers, as applicable, and actual FTE. The use of FY 2015 FTE Actuals and FY2015 Revised Enacted Budgetary Resources may reflect a higher average FTE Cost than represented in the FY 2016 Enacted or FY 2017 Request average cost columns.

NARRATIVE EXPLANATION OF CHANGES – PAY COST DRIVERS:

- **FTE Change FY 2016-2017:** The increase of 70 FTE reflects the net change of increases and decreases for FY 2017 initiatives.
- **PCB Change FY 2016-2017:** Provides funding to annualize the FY 2016 civilian (1.3 percent) pay raise. Provides funding for the FY 2017 civilian (1.6 percent) pay raise. Provides funding for required contributions to Federal Employee Government Life Insurance (FEGLI), Federal Employee Health Benefits (FEHB), and TSP Government Contributions.
- **Average Cost Change FY 2016-2017:** Average cost change is due to personnel cost increases that impact all FTE.
- **Bonuses and Performance Awards:** FY 2017 request estimates \$5.697 million for bonuses and performance awards. This request remains in line with OPM Awards Guidance on Spending Limitation.

**Department of Homeland Security
United States Coast Guard
Operating Expenses
III. Training and Recruiting**

FY 2016 to FY 2017 Budget Change- PPA Level
(Dollars in Thousands)

III. Training and Recruiting		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	-	-	198,279
Base	FY 2016 Enacted	-	-	206,498
Current Services	Transfer to Acquisition, Construction and Improvement (AC&I)	-	-	(216)
	Annualization of Part Year Funding	-	-	2,482
	Military Justice Reorganization	-	-	164
	Personnel Security & Suitability Investigations	-	-	4
	Shore Facility Follow-On	-	-	213
	Rescue 21 (R21) Follow-On	-	-	5
	Fast Response Cutter (FRC) Follow-On	-	-	1,422
	National Security Cutter (NSC) Follow-On	-	-	2,307
	C-27J Aircraft Support Follow-On	-	-	4,729
	HC-130J Aircraft Follow-On	-	-	2,448
	MH-60T Helicopter Follow-On	-	-	1,347
	Military and Civilian FTP and FTE Transfer	-	-	(52)
	PPA Funding Adjustment	-	-	1,098
	Termination of One-Time Costs	-	-	(16,204)
	Part Year Management Annualizations	-	-	(387)
	High Value Unit Escort Reduction	-	-	(45)
	Human Resources Efficiencies	-	-	(89)
	Chief Financial Officer (CFO) Personnel Reduction	-	-	(4)
	Maintenance Efficiencies	-	-	(47)
	Management and IT Efficiencies	-	-	(4,770)
	Professional Services Contract Reduction	-	-	(1,450)

III. Training and Recruiting		Positions	FTE	Amount
	Four 110-foot Patrol Boats	-	-	(175)
	One High Endurance Cutter (WHEC)	-	-	(300)
	Manned Covert Surveillance Aircraft	-	-	(160)
	One Seagoing Buoy Tender (WLB) Crew	-	-	(213)
Budget Year	FY 2017 Request	-	-	198,605
	Total Change from FY 2016 to FY 2017	-	-	(7,893)

PPA DESCRIPTION:

The Training and Recruiting PPA provides funding for the Coast Guard’s basic and professional training and education programs, as well as operation and maintenance of the eight national Coast Guard training centers, the Coast Guard Academy, nine regional training centers and Coast Guard recruiting centers. The Coast Guard’s Force Readiness Command serves as the principal training component charged with optimizing human performance to enhance mission execution. The Command provides clear tactics, techniques, and procedures, relevant training, and quality assessments throughout the fleet. Enhanced safety and efficiencies are realized through service wide assessments and standardization, the oversight of unit readiness, and the management of armories, ammunition and small arms firing ranges. Annually the Coast Guard training system conducts Basic Training for 3,000 recruits and commissions 300 officers. Further, initial enlisted specialty training occurs at 19 “A” schools, and advanced and currency training is conducted in over 900 “C” schools.

The 2017 request includes essential funding to recruit and process CG applicants into the enlisted and officer corps, including expenses for members that are processed through the Military Entrance Processing Stations (MEPS) prior to accession. In addition, funding provides for tuition, travel, and per diem for formal training and education performed by military service members and civilian personnel. Through internal and external efficiency reviews and prioritization efforts, it ensures prudent allocation of resources for training and workforce preparation that arm Coast Guard personnel with the knowledge, skills, and abilities necessary to execute missions. The Coast Guard maintains a rigorous set of standard operating procedures to ensure the validity and reliability of training and stewardship of training resources. In addition to the training provided by the Coast Guard, the funding also ensures adequate resources are available for training opportunities provided through other DHS training facilities, commercial providers, DoD, and other government agencies. Training and education are conducted by dedicated resident staffs in classrooms, but may also include exportable training, correspondence courses, and/or computer-based training.

**Department of Homeland Security
U.S. Coast Guard
Training and Recruiting**

Cost Drivers (Non-Pay) - PPA Level (\$000s)

Appropriation - III. Training and Recruiting	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
FY 2017 Non- Pay Cost Drivers (greatest-least)				
Training and Education	\$99,529	\$106,323	\$101,249	(\$5,074)
Recruiting and Training Centers	\$98,750	\$100,175	\$97,356	(\$2,819)
Total	\$198,279	\$206,498	\$198,605	(\$7,893)

NARRATIVE EXPLANATION OF CHANGES – NON-PAY COST DRIVERS:

- **Training and Education:** Funds formal training, including temporary duty, for civilian and military personnel, including travel costs. Funding in FY 2017 reflects the anticipated need.
- **Recruiting and Training Centers:** Funds the operating and maintenance expenses for Coast Guard training and recruiting centers, including tuition, formal training and associated costs. Funding in FY 2017 reflects the anticipated need.

**Department of Homeland Security
United States Coast Guard
Operating Expenses
IV. Operating Funds and Unit Level Maintenance**

FY 2016 to FY 2017 Budget Change- PPA Level
(Dollars in Thousands)

IV. Operating Funds and Unit Level Maintenance		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	-	-	1,008,682
Base	FY 2016 Enacted	-	-	1,027,780
Current Services	Transfer to Acquisition, Construction and Improvement (AC&I)	-	-	(1,784)
	Transfer	-	-	147
	Annualization of Part Year Funding	-	-	9,611
	Military Justice Reorganization	-	-	356
	Personnel Security & Suitability Investigations	-	-	2,062
	Shore Facility Follow-On	-	-	937
	Rescue 21 (R21) Follow-On	-	-	55
	Logistics Information Management System (CG-LIMS) Follow-On	-	-	2,744
	Fast Response Cutter (FRC) Follow-On	-	-	5,764
	National Security Cutter (NSC) Follow-On	-	-	11,889
	C-27J Aircraft Support Follow-On	-	-	1,756
	HC-130J Aircraft Follow-On	-	-	3,021
	MH-60T Helicopter Follow-On	-	-	396
	PPA Funding Adjustment	-	-	(4,978)
	Termination of One-Time Costs	-	-	(18,346)
	Part Year Management Annualizations	-	-	(3,638)
	High Value Unit Escort Reduction	-	-	(53)
	Human Resources Efficiencies	-	-	(73)
	Chief Financial Officer (CFO) Personnel Reduction	-	-	(25)
	National Capital Region (NCR) Footprint Consolidation	-	-	(276)

IV. Operating Funds and Unit Level Maintenance		Positions	FTE	Amount
	Maintenance Efficiencies	-	-	(359)
	National Security Cutter Fuel Efficiency	-	-	(13,481)
	Management and IT Efficiencies	-	-	(3,132)
	Professional Services Contract Reduction	-	-	(21,396)
	Four 110-foot Patrol Boats	-	-	(735)
	One High Endurance Cutter (WHEC)	-	-	(1,283)
	Manned Covert Surveillance Aircraft	-	-	(546)
	One Seagoing Buoy Tender (WLB) Crew	-	-	(209)
Budget Year	FY 2017 Request	-	-	996,204
	Total Change from FY 2016 to FY 2017	-	-	(31,576)

PPA DESCRIPTION:

The Operating Funds and Unit Level Maintenance PPA funds units, facilities, and activities that are under the direct operational and administrative control of the Coast Guard’s Headquarters and Atlantic Area or Pacific Area Commanders. These include National Security Cutters (WMSL), High and Medium Endurance Cutters (WHECs/WMECs); Sectors; Patrol Boats; Multi-mission Boat Stations; Air Stations; Communication Stations; Deployable Specialized Forces (DSF); support commands; and Area Offices. The funding provides supplies, materials, and services that allow the Coast Guard to sustain its operations tempo and an immediate response capability. The request funds unit level maintenance of cutters, boats, aircraft, electronics systems, mechanical systems, and electrical equipment; service-life replacement and emergent purchase of boats; procurement of supplies and materials utilized for unit “housekeeping” and administration, spare parts, liquid fuel, and energy; and other materials consumed that contribute directly to mission effectiveness.

This PPA also supports the Financial Systems Modernization (FSM) initiative to migrate USCG to a shared service provider for financial, acquisition, and asset management solution services. The FSM initiative follows DHS Directives, OMB guidance, and processes developed by Treasury’s Office of Financial Innovation and Transformation. In FY 2017, \$24.410 million in funding is planned for the USCG FSM initiative; with migration scheduled to be completed in FY 2018. The DHS Office of the Chief Financial Officer provides guidance and oversight to Component FSM initiatives. Coast Guard requests no new funding for these initiatives in FY 2017.

**Department of Homeland Security
U.S. Coast Guard
IV. Operating Funds and Unit Level Maintenance**

Cost Drivers (Non-Pay) - PPA Level (\$000s)

Appropriation - IV. Operating Funds and Unit Level Maintenance	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
FY 2017 Non- Pay Cost Drivers (greatest-least)				
Area Commands	\$391,409	\$394,465	\$399,327	\$4,862
District Commands	\$332,192	\$338,458	\$346,788	\$8,330
Coast Guard Headquarters	\$284,365	\$294,113	\$249,300	(\$44,813)
Total	\$1,007,966	\$1,027,036	\$995,415	(\$31,621)

NARRATIVE EXPLANATION OF CHANGES – NON-PAY COST DRIVERS:

- **Area Commands:** Funds all units, facilities, and activities that are under the direct operational control of the Coast Guard’s Atlantic and Pacific Area Commanders. Funding in FY 2017 reflects the anticipated need.
- **District Area Commands:** Funds all units, facilities, and activities that are under the direct operational control of the Coast Guard’s District Commanders. Funding in FY 2017 reflects the anticipated need.
- **Headquarters:** Funds all units, facilities, and activities that are under the direct operational control of the Coast Guard’s Headquarters. Funding in FY 2017 reflects the anticipated need.

**Department of Homeland Security
United States Coast Guard
Operating Expenses
V. Centrally Managed Accounts**

FY 2016 to FY 2017 Budget Change- PPA Level
(Dollars in Thousands)

V. Centrally Managed Accounts		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	-	-	337,556
Base	FY 2016 Enacted	-	-	329,906
Current Services	WCF Transfer	-	-	(983)
	Annualization of Part Year Funding	-	-	2,402
	Federal Protective Service Fee	-	-	179
	GSA and Other Governmental Rent	-	-	1,720
	Military Justice Reorganization	-	-	132
	Personnel Security & Suitability Investigations	-	-	207
	Performance Management & Learning Systems	-	-	395
	Rescue 21 (R21) Follow-On	-	-	37
	Fast Response Cutter (FRC) Follow-On	-	-	919
	National Security Cutter (NSC) Follow-On	-	-	902
	C-27J Aircraft Support Follow-On	-	-	656
	HC-130J Aircraft Follow-On	-	-	723
	MH-60T Helicopter Follow-On	-	-	34
	PPA Funding Adjustment	-	-	1,373
	Termination of One-Time Costs	-	-	(1,563)
	Part Year Management Annualizations	-	-	(270)
	High Value Unit Escort Reduction	-	-	(25)
	Human Resources Efficiencies	-	-	(102)
	Chief Financial Officer (CFO) Personnel Reduction	-	-	(269)
	National Capital Region (NCR) Footprint Consolidation	-	-	(3,624)
	Air Station Los Angeles Lease Termination Savings	-	-	(1,081)

V. Centrally Managed Accounts		Positions	FTE	Amount
	Maintenance Efficiencies	-	-	(41)
	Management and IT Efficiencies	-	-	(1,883)
	Four 110-foot Patrol Boats	-	-	(245)
	One High Endurance Cutter (WHEC)	-	-	(269)
	Manned Covert Surveillance Aircraft	-	-	(10)
	One Seagoing Buoy Tender (WLB) Crew	-	-	(121)
Budget Year	FY 2017 Request	-	-	329,099
	Total Change from FY 2016 to FY 2017	-	-	(807)

PPA DESCRIPTION:

The Centrally Managed Accounts PPA funds centrally managed accounts that provide service to the entire Coast Guard. The major accounts include: the Federal Telephone System (FTS), Standard Workstation recapitalization, Coast Guard Data Network (CGOne), satellite and data communications, General Services Administration (GSA) rent, postal expenses, ammunition replenishment, and the DHS Working Capital Fund.

**Department of Homeland Security
U.S. Coast Guard
V. Centrally Managed Accounts**

Cost Drivers (Non-Pay) - PPA Level (\$000s)

Appropriation - V. Centrally Managed Accounts	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
FY 2017 Non- Pay Cost Drivers (greatest-least)				
Working Capital Fund	\$97,383	\$104,343	\$74,862	(\$29,481)
Other Centrally Managed Operating Expenses	\$240,173	\$225,563	\$254,237	\$28,674
Total	\$337,556	\$329,906	\$329,099	(\$807)

NARRATIVE EXPLANATION OF CHANGES – NON-PAY COST DRIVERS:

- **Working Capital Fund:** The Coast Guard’s contribution to the DHS Working Capital Fund. Funding in FY 2017 reflects the anticipated need.
- **Other Centrally Managed Operating Expenses:** Funds non-Working Capital Fund centrally managed accounts that provided service to the entire Coast Guard. Funding in FY 2017 reflects the anticipated need.

**Department of Homeland Security
United States Coast Guard
Operating Expenses
VI. Intermediate and Depot Level Maintenance**

FY 2016 to FY 2017 Budget Change- PPA Level
(Dollars in Thousands)

VI. Intermediate and Depot Level Maintenance		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	-	-	1,068,590
Base	FY 2016 Enacted	-	-	1,056,458
Current Services	Transfer to Acquisition, Construction and Improvement (AC&I)	-	-	(1,555)
	Annualization of Part Year Funding	-	-	16,609
	Shore Facility Follow-On	-	-	2,390
	Rescue 21 (R21) Follow-On	-	-	4,826
	Fast Response Cutter (FRC) Follow-On	-	-	4,641
	National Security Cutter (NSC) Follow-On	-	-	10,972
	C-27J Aircraft Support Follow-On	-	-	16,942
	HC-130J Aircraft Follow-On	-	-	7,414
	MH-60T Helicopter Follow-On	-	-	1,101
	PPA Funding Adjustment	-	-	2,487
	Termination of One-Time Costs	-	-	(54,345)
	Part Year Management Annualizations	-	-	(4,745)
	Maintenance Efficiencies	-	-	(1,166)
	Management and IT Efficiencies	-	-	(2,389)
	Professional Services Contract Reduction	-	-	(9,860)
	Four 110-foot Patrol Boats	-	-	186
	One High Endurance Cutter (WHEC)	-	-	(137)
	Manned Covert Surveillance Aircraft	-	-	(1,565)
Budget Year	FY 2017 Request	-	-	1,048,264
	Total Change from FY 2016 to FY 2017	-	-	(8,194)

PPA DESCRIPTION:

The Intermediate and Depot Level Maintenance PPA funds the Coast Guard's depot level maintenance for the Service's vessels, aircraft, shore facilities, and C4IT (command, control, communications, computers and information technology) systems. The Coast Guard maintains its vessels, aircraft, shore infrastructure, and C4IT systems using a blend of organic maintenance and repair infrastructure and contracted depot level maintenance activities. A mature project planning and execution program exists within the Coast Guard to provide routine organizational-level and depot level maintenance. Where expertise or infrastructure does not exist organically within the Service, the Coast Guard uses contracted resources to provide the requisite maintenance support.

This funding is vital to ongoing sustainment and support of in-service Coast Guard vessels, aircraft, shore facilities, and C4IT systems.

**Department of Homeland Security
U.S. Coast Guard
VI. Intermediate and Depot Level Maintenance**

Cost Drivers (Non-Pay) - PPA Level (\$000s)

Appropriation - VI. Intermediate and Depot Level Maintenance	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
FY 2017 Non- Pay Cost Drivers (greatest-least)				
Aeronautical Intermediate and Depot Level Maintenance	\$348,264	\$338,373	\$345,909	\$7,536
Electronic Intermediate and Depot Level Maintenance	\$251,813	\$246,752	\$248,308	\$1,556
Civil/Ocean Engineering & Shore Facilities Intermediate and Depot Level Maintenance	\$209,497	\$208,933	\$189,377	(\$19,556)
Vessel Intermediate and Depot Level Maintenance	\$259,016	\$262,400	\$264,670	\$2,270
Total	\$1,068,590	\$1,056,458	\$1,048,264	(\$8,194)

NARRATIVE EXPLANATION OF CHANGES – NON-PAY COST DRIVERS:

- **Aeronautical Depot Level Maintenance:** Funds the Coast Guard’s depot level maintenance for the Service’s aircraft using a blend of organic maintenance and repair infrastructure and contracted depot level maintenance activities. Funding in FY 2017 reflects the anticipated need.
- **Electronic Depot Level Maintenance:** Funds the Coast Guard’s depot level maintenance for the Service’s Command, Control, Communications, Computers, and Information Technology (C4IT) systems using a blend of organic maintenance and repair infrastructure and contracted depot level maintenance activities. Funding in FY 2017 reflects the anticipated need.
- **Civil/Ocean Engineering and Shore Facilities Depot Level Maintenance:** Funds the Coast Guard’s depot level maintenance for the Service’s shore infrastructure using a blend of organic maintenance and repair infrastructure and contracted depot level maintenance activities. Funding in FY 2017 reflects the anticipated need.
- **Vessel Depot Level Maintenance:** Funds the Coast Guard’s depot level maintenance for the Service’s vessels using a blend of organic maintenance and repair infrastructure and contracted depot level maintenance activities. Funding in FY 2017 reflects the anticipated need.

Transfers

WCF Transfer(\$983)

PPA Breakdown - WCF Transfer		Total (\$000)
PPA V: Centrally Managed Accounts		
	Central Accounts	(983)
		(983)

Transfer to Acquisition, Construction and Improvement (AC&I).....(\$3,555)

PPA Breakdown - Transfer to Acquisition, Construction and Improvement (AC&I)		Total (\$000)
PPA III: Training and Recruiting		
	Recruiting and Training Centers	(216)
PPA IV: Operating Funds and Unit Level Maintenance		
	Atlantic Area	(118)
	Pacific Area	(80)
	1st District	(55)
	5th District	(54)
	7th District	(86)
	8th District	(63)
	9th District	(43)
	11th District	(41)
	13th District	(27)
	14th District	(19)
	17th District	(28)
	Headquarters Directorates	(496)
	Headquarters Units	(674)
PPA VI: Depot Level Maintenance		
	Aircraft Maintenance	(1,205)
	Vessel Maintenance	(350)
		(3,555)

Pursuant to language in the FY 2016 Consolidated Appropriations Act, this request transfers funds from the Operating Expenses appropriation to the Acquisition, Construction and Improvement (AC&I) Appropriation for the purchase of end-use item equipment expected to cost in excess of \$250,000.

Transfer\$147

PPA Breakdown - Transfer		Total (\$000)
PPA IV: Operating Funds and Unit Level Maintenance		
	Headquarters Directorates	147
		147

Increases

Annualization of Part Year Funding.....\$58,754

PPA Breakdown - Annualization of Part Year Funding		Total (\$000)
PPA I: Military Personnel (312 FTE)		
	Military Pay and Allowances	23,087
	Military Health Care	2,878
	Permanent Change of Station	510
PPA II: Civilian Personnel (10 FTE)		
	Civilian Pay and Allowances	1,175
PPA III: Training and Recruiting		
	Training and Education	1,985
	Recruiting and Training Centers	497
PPA IV: Operating Funds and Unit Level Maintenance		
	Atlantic Area	(4)
	Pacific Area	276
	1st District	75
	5th District	116
	7th District	169
	8th District	340
	11th District	869
	14th District	143
	17th District	510
	Headquarters Directorates	6,174
	Headquarters Units	895
	Other Activities	48
PPA V: Centrally Managed Accounts		
	Central Accounts	2,402
PPA VI: Depot Level Maintenance		
	Aircraft Maintenance	12,066
	Electronics Maintenance	1,323
	Vessel Maintenance	3,220
		58,754

Annualizes funding and FTE to provide full-year resources for certain projects and programs enacted in the prior year.

FY 2016 Line Items	FTE (Mil)	FTE (Civ)	Recurring Amount (\$000)
Fast Response Cutter (FRC) Follow-On	89	3	17,021
National Security Cutter (NSC) Follow-On	99	3	9,189
C-27J Aircraft Support Follow-On	71	4	23,040
HC-130J Aircraft Follow-On	16	0	3,067
MH-60T Helicopter Follow-On	13	0	2,772
Air Station Los Angeles Relocation: Phase I	0	0	392
ATTC Underwater Egress Facility Support Follow-On	0	0	96
sUAS Service Contract	1	0	753
Fixed Wing Aircraft "Bravo-0" Response	23	0	2,424
Total	312	10	58,754

Annualization of 2016 Military and Civilian Pay Raise\$15,784

PPA Breakdown - Annualization of 2016 Military and Civilian Pay Raise		Total (\$000)
PPA I: Military Personnel		
	Military Pay and Allowances	6,672
	Permanent Change of Station	54
PPA II: Civilian Personnel		
	Civilian Pay and Allowances	9,058
		15,784

Provides one quarter of funding to annualize the 2016 military and civilian (1.3 percent) pay raise.

2017 Military Pay Raise.....\$26,859

PPA Breakdown - 2017 Military Pay Raise		Total (\$000)
PPA I: Military Personnel		
	Military Pay and Allowances	26,637
	Permanent Change of Station	222
		26,859

Provides three quarters of funding for the 2017 military (1.6 percent) pay raise.

2017 Civilian Pay Raise\$9,552

PPA Breakdown - 2017 Civilian Pay Raise		Total (\$000)
PPA II: Civilian Personnel		
	Civilian Pay and Allowances	9,552
		9,552

Provides three quarters of funding for the 2017 civilian (1.6 percent) pay raise.

FY 2017 Military Allowances.....\$49,464

PPA Breakdown - 2017 Military Allowances		Total (\$000)
PPA I: Military Personnel		
	Military Pay and Allowances (Basic Allowance for Housing)	16,386
	Military Health Care	10,576
	Permanent Change of Station	22,502
		49,464

Provides funding to maintain current services and ensure parity of military pay, allowances, and health care with DoD. This request includes additional funding for Basic Allowance for Housing (BAH) changes scheduled to take effect on January 1, 2017. Health care

costs are forecasted using actuarial projections and include funding for Coast Guard clinics, TRICARE, pharmaceuticals, use of DoD military treatment facilities and Public Health Service physicians serving at Coast Guard medical facilities. Permanent Change of Station costs are forecasted to increase based on actuarial projections and an increase in average travel order cost.

Civilian Non Pay Increases\$1,204

PPA Breakdown - 2017 Civilian Allowances		Total (\$000)
PPA II: Civilian Personnel		
	Civilian Pay and Allowances	1,204
		1,204

Provides funding for required contributions to Federal Employee Government Life Insurance (FEGLI), Federal Employee Health Benefits (FEHB), and TSP Government Contributions.

Federal Protective Service Fee.....\$179

PPA Breakdown - Federal Protective Service Fee		Total (\$000)
PPA V: Centrally Managed Accounts		
	Central Accounts	179
		179

Provides funding for increased Federal Protective Service fees.

GSA and Other Governmental Rent.....\$1,720

PPA Breakdown - GSA and Other Governmental Rent		Total (\$000)
PPA V: Centrally Managed Accounts		
	Central Accounts	1,720
		1,720

Provides funding for cost increases at General Services Administration (GSA)-leased buildings occupied by the Coast Guard.

Military Justice Reorganization\$2,847

PPA Breakdown - Military Justice Reorganization		Total (\$000)
PPA I: Military Personnel (27 FTP, 14 FTE)		
	Military Pay and Allowances	1,600
	Military Health Care	131
	Permanent Change of Station	369
PPA II: Civilian Personnel (1 FTP, 1 FTE)		
	Civilian Pay and Allowances	95
PPA III: Training and Recruiting		
	Training and Education	151
	Recruiting and Training Centers	13
PPA IV: Operating Funds and Unit Level Maintenance		
	Headquarters Directorates	285
	Headquarters Units	69
	Other Activities	2
PPA V: Centrally Managed Accounts		
	Central Accounts	132
		2,847

Provides funding to reorganize the Coast Guard legal program to more effectively provide military justice services. Additional front-line prosecutors, defense counsel, and military judges are necessary to maintain good order and discipline in the Service due to the increased number and complexity of criminal cases, including sexual assault cases.

Personnel Security and Suitability Investigations..... \$3,501

PPA Breakdown - Personnel Security & Suitability Investigations		Total (\$000)
PPA II: Civilian Personnel (23 FTP, 12 FTE)		
	Civilian Pay and Allowances	1,228
PPA III: Training and Recruiting		
	Training and Education	4
PPA IV: Operating Funds and Unit Level Maintenance		
	Headquarters Directorates	1,916
	Headquarters Units	146
PPA V: Centrally Managed Accounts		
	Central Accounts	207
		3,501

Provides funding to conduct Personnel Security (PERSEC) and Suitability background investigations required to maintain the Coast Guard workforce. The request reflects increased costs resulting from changes directed by the Office of Personnel Management (OPM) and the Office of the Director of National Intelligence (ODNI).

Performance and Learning Management System\$395

PPA Breakdown - Performance Management & Learning Systems		Total (\$000)
PPA V: Centrally Managed Accounts		
	Central Accounts	395
		395

Provides funding to implement the Performance and Learning Management System (PALMS) that automates the performance management process. PALMS consolidates nine separate learning management systems that currently exist throughout the Department of Homeland Security (DHS) into a single enterprise platform.

Shore Facility Follow-On\$3,540

PPA Breakdown - Shore Facility Follow-On		Total (\$000)
PPA III: Training and Recruiting		
	Recruiting and Training Centers	213
PPA IV: Operating Funds and Unit Level Maintenance		
	1st District	28
	5th District	100
	7th District	106
	13th District	201
	14th District	100
	Headquarters Directorates	230
	Headquarters Units	172
PPA VI: Depot Level Maintenance		
	Civil/Ocean Engineering and Shore Facility Maintenance	2,390
		3,540

Provides for the operation and maintenance of recapitalized shore facilities scheduled for completion prior to 2017 and provides for caretaker maintenance of legacy LORAN properties. Provides funding for energy, utility services, routine repairs, and housekeeping. The request also supports non-recurring maintenance and repairs (e.g., system renewals, preventive and emergency maintenance, scheduled inspections, etc.) anticipated throughout the life of the facility.

The request provides the resources required to operate and maintain new and improved facilities completed under the following Acquisition, Construction, and Improvement projects:

- Sector Charleston National Security Cutter Homeport Upgrades
- Sector San Juan Fast Response Cutter Homeport Upgrades
- Base Ketchikan Fast Response Cutter Homeport Upgrades

- Training Center Cape May Fast Response Cutter Homeport Upgrades
- Sector Field Office Fort Macon Fast Response Cutter Homeport Upgrades
- Air Station Barbers Point Clear Water Aircraft Rinse Rack Construction
- Sector Columbia River Family Housing Construction
- Coast Guard Academy Waterfront Facilities Upgrades
- Station New York Boat Ramp Construction

Rescue 21 Follow-On\$5,371

PPA Breakdown - Rescue 21 (R21) Follow-On		Total (\$000)
PPA I: Military Personnel (1 FTP, 1 FTE)		
	Military Pay and Allowances	57
	Military Health Care	5
	Permanent Change of Station	13
PPA II: Civilian Personnel (7 FTP, 4 FTE)		
	Civilian Pay and Allowances	373
PPA III: Training and Recruiting		
	Training and Education	5
PPA IV: Operating Funds and Unit Level Maintenance		
	Headquarters Units	55
PPA V: Centrally Managed Accounts		
	Central Accounts	37
PPA VI: Depot Level Maintenance		
	Electronics Maintenance	4,666
	Civil/Ocean Engineering and Shore Facility Maintenance	160
		5,371

Provides follow-on funding to support Rescue 21, the Coast Guard’s primary command, control, and communications system in the inland and coastal zones. Rescue 21 is a key enabler for effective emergency response in the maritime domain. This funding supports equipment Operations and Maintenance (O&M), circuit connectivity, property leases, utilities, training, and technology refresh. Rescue 21 capabilities will be fully delivered to the Western Rivers and Alaska regions in FY 2017.

Logistics Information Management System (CG-LIMS) Follow-On\$2,744

PPA Breakdown - Logistics Information Management System (LIMS) Follow-On		Total (\$000)
PPA IV: Operating Funds and Unit Level Maintenance		
	Headquarters Units	2,744
		2,744

Provides additional funding for the operation and maintenance of CG-LIMS. CG-LIMS is the Coast Guard’s enterprise logistics management system that is designed to interface with existing and future logistics and financial systems.

Fast Response Cutter (FRC) Follow-On.....\$21,488

PPA Breakdown - Fast Response Cutter (FRC) Follow-On		Total (\$000)
PPA I: Military Personnel (175 FTP, 86 FTE)		
	Military Pay and Allowances	5,974
	Military Health Care	831
	Permanent Change of Station	1,937
PPA III: Training and Recruiting		
	Training and Education	1,294
	Recruiting and Training Centers	128
PPA IV: Operating Funds and Unit Level Maintenance		
	5th District	44
	8th District	408
	14th District	2,071
	17th District	940
	Headquarters Directorates	904
	Headquarters Units	1,381
	Other Activities	16
PPA V: Centrally Managed Accounts		
	Central Accounts	919
PPA VI: Depot Level Maintenance		
	Electronics Maintenance	1,146
	Vessel Maintenance	3,495
		21,488

Fast Response Cutter (FRC) Follow-On Support Hulls 23-26

Provides personnel for shore-side support of FRC hulls 23-26 to be home-ported in Honolulu, Hawaii, and Pascagoula, Mississippi. These billets will staff the shore-side maintenance teams to conduct vessel, electronics system, and weapons maintenance.

Fast Response Cutter Operation & Maintenance (O&M) for Hulls 22-25

Provides O&M funding for Fast Response Cutter (FRC) hulls 22-25 scheduled for delivery in 2017. These FRCs will be homeported as follows: FRC hull 22 in Ketchikan, Alaska; FRC hull 23 in Pascagoula, Mississippi; FRC hull 24 in Honolulu, Hawaii; and FRC hull 25 in Pascagoula, Mississippi. The FRC is the replacement for the 110-foot Island Class patrol boat that is past its design service life. The FRC is more capable than the 110-foot patrol boat with advanced electronics and enhanced operational capabilities.

Fast Response Cutter (FRC) Crews for Hulls 24-28

Provides personnel to operate and maintain FRC hull 24 homeported in Honolulu, Hawaii; FRC hull 25 homeported in Pascagoula, Mississippi; FRC hull 26 homeported in Honolulu Hawaii; and FRC hulls 27 and 28 homeported in Atlantic Beach, North Carolina. Advance arrival of the crews is critical to ensure appropriate pre-arrival training is received to ensure crew readiness prior to cutter delivery.

National Security Cutter (NSC) Follow-On\$38,672

PPA Breakdown - National Security Cutter (NSC) Follow-On		Total (\$000)
PPA I: Military Personnel (302 FTP, 129 FTE)		
	Military Pay and Allowances	8,084
	Military Health Care	1,235
	Permanent Change of Station	3,030
PPA II: Civilian Personnel (4 FTP, 2 FTE)		
	Civilian Pay and Allowances	253
PPA III: Training and Recruiting		
	Training and Education	2,123
	Recruiting and Training Centers	184
PPA IV: Operating Funds and Unit Level Maintenance		
	Atlantic Area	56
	Pacific Area	7,835
	8th District	9
	Headquarters Directorates	3,140
	Headquarters Units	829
	Other Activities	20
PPA V: Centrally Managed Accounts		
	Central Accounts	902
PPA VI: Depot Level Maintenance		
	Electronics Maintenance	4,568
	Civil/Ocean Engineering and Shore Facility Maintenance	326
	Vessel Maintenance	6,078
		38,672

NSC Operations and Maintenance (O&M) for NSC 6

Provides Operations and Maintenance funding for NSC 6, scheduled for delivery in Q1 FY 2017, which will be homeported in Alameda, CA. The NSC (WMSL Class) is replacing the legacy High Endurance Cutters (WHEC Class).

National Security Cutter (NSC) Crew Hotel (Phase I & II) for NSC-7

Provides personnel to operate and maintain NSC-7. To complete critical pipeline and pre-acceptance training, NSC-7 crew Phase I and Phase II are established at least 6 months in advance of delivery. Since the delivery of BERTHOLF (NSC-1), the Coast Guard has successfully reduced pipeline training timelines to optimize NSC crew pre-delivery activities.

National Security Cutter (NSC) Crew Size Increase

Provides personnel to increase the size of NSC crews Alpha through Hotel from 110 to 126 personnel. A Coast Guard Manpower Requirements Analysis recommended that 126 crewmembers is the optimal crew size to operate, maintain, and support these assets through all operations and readiness postures.

National Security Cutter (NSC) SCIF Crew Follow-On

Provides personnel and follow-on funding to operate, staff, and maintain equipment in the Sensitive Compartmented Information Facilities (SCIF) onboard NSC hulls five and six. The installed SCIFs and trained personnel greatly improve mission effectiveness by enhancing the ability to detect and interdict specific threats and vessels.

National Security Cutter SCIF Crew Increase

Provides funding to increase personnel to operate, staff, and maintain equipment in the Sensitive Compartmented Information Facilities (SCIF) onboard NSC hulls 1-4. Additional personnel will properly align the number of SCIF-dedicated crewmembers with personnel operational tempo standards.

C-27J Aircraft Support Follow-On\$28,052

PPA Breakdown - C-27J Aircraft Support Follow-On		Total (\$000)
PPA I: Military Personnel (67 FTP, 34 FTE)		
	Military Pay and Allowances	2,670
	Military Health Care	325
	Permanent Change of Station	665
PPA II: Civilian Personnel (6 FTP, 3 FTE)		
	Civilian Pay and Allowances	309
PPA III: Training and Recruiting		
	Training and Education	4,630
	Recruiting and Training Centers	99
PPA IV: Operating Funds and Unit Level Maintenance		
	5th District	8
	7th District	4
	11th District	1,541
	Headquarters Directorates	12
	Headquarters Units	185
	Other Activities	6
PPA V: Centrally Managed Accounts		
	Central Accounts	656
PPA VI: Depot Level Maintenance		
	Aircraft Maintenance	16,567
	Electronics Maintenance	275
	Civil/Ocean Engineering and Shore Facility Maintenance	100
		28,052

C-27J Follow-on Support

Provides personnel for support of C-27J aircraft at the Aviation Logistics Center, Aviation Technical Training Center, and Aviation Training Center. These personnel will support the long-term sustainment requirements to maintain the C-27J fleet and train those who maintain and operate these aircraft.

C-27J Fleet Induction Phase 2 Follow-On

Provides funding for 1,000 flight hours, including personnel, operations, maintenance, and support of C-27J airframes five and six. The flight hour capacity of these C-27Js will primarily be used to conduct missions such as Alien Migrant Interdiction Operations (AMIO), Counter-Drug (CD), Ports, Waterways and Coastal Security, Search and Rescue, and Living Marine Resources (LMR).

HC-130J Aircraft Follow-On.....\$17,302

PPA Breakdown - HC-130J Aircraft Follow-On		Total (\$000)
PPA I: Military Personnel (66 FTP, 34 FTE)		
	Military Pay and Allowances	2,358
	Military Health Care	320
	Permanent Change of Station	1,018
PPA III: Training and Recruiting		
	Training and Education	2,367
	Recruiting and Training Centers	81
PPA IV: Operating Funds and Unit Level Maintenance		
	17th District	2,896
	Headquarters Directorates	9
	Headquarters Units	112
	Other Activities	4
PPA V: Centrally Managed Accounts		
	Central Accounts	723
PPA VI: Depot Level Maintenance		
	Aircraft Maintenance	7,414
		17,302

HC-130J Aircraft Follow-On

Provides funding for personnel, operation and maintenance, and support for HC-130J aircraft #8 and #9. These HC-130Js primarily enhance the Coast Guard’s ability to conduct the Search and Rescue (SAR), Alien Migrant Interdiction Operations (AMIO), Counter-Drug (CD), Ports, Waterways and Coastal Security (PWCS) and Living Marine Resources (LMR) enforcement missions.

HC-130J Block Upgrade

Provides funding for necessary upgrades to ensure two Coast Guard HC-130J aircraft comply with FAA requirements and remain usable in all flight regimes and airspace. This maintenance will be conducted in conjunction with a Joint Users Group including partners from all U.S. Government HC-130J users.

MH-60T Helicopter Follow-On\$3,900

PPA Breakdown - MH-60T Helicopter Follow-On		Total (\$000)
PPA I: Military Personnel (27 FTP, 7 FTE)		
	Military Pay and Allowances	524
	Military Health Care	65
	Permanent Change of Station	433
PPA III: Training and Recruiting		
	Training and Education	1,338
	Recruiting and Training Centers	9
PPA IV: Operating Funds and Unit Level Maintenance		
	17th District	283
	Headquarters Directorates	4
	Headquarters Units	108
	Other Activities	1
PPA V: Centrally Managed Accounts		
	Central Accounts	34
PPA VI: Depot Level Maintenance		
	Aircraft Maintenance	641
	Civil/Ocean Engineering and Shore Facility Maintenance	460
		3,900

Provides funding for personnel, operation and maintenance, and support of MH-60T aircraft #45. This aircraft, provided to the Coast Guard via the Sundowner program, will enhance the Coast Guard’s ability to conduct the Search and Rescue (SAR), Alien Migrant Interdiction Operations (AMIO), Counter-Drug (CD), Ports, Waterways and Coastal Security (PWCS), and Living Marine Resources (LMR) enforcement missions.

Military and Civilian FTP and FTE Transfer[\$3,318]

PPA Breakdown - Military and Civilian FTP and FTE Transfer		Total (\$000)
PPA I: Military Personnel (-32 FTP, -32 FTE)		
	Military Pay and Allowances	(2,833)
	Military Health Care	(312)
	Permanent Change of Station	(121)
PPA II: Civilian Personnel (32 FTP, 32 FTE)		
	Civilian Pay and Allowances	3,318
PPA III: Training and Recruiting		
	Training and Education	(52)
		0

Transfers 37 military FTP/FTE to civilian FTP/FTE and transfers five civilian FTP/FTE to military. These conversions are consistent with GAO recommendation to staff inherently civilian job functions with civilian personnel.

PPA Funding Adjustment[\$5,493]

PPA Breakdown - PPA Funding Adjustment		Total (\$000)
PPA I: Military Personnel		
	Military Pay and Allowances	211
	Permanent Change of Station	12
PPA II: Civilian Personnel		
	Civilian Pay and Allowances	(203)
PPA III: Training and Recruiting		
	Training and Education	(312)
	Recruiting and Training Centers	1,410
PPA IV: Operating Funds and Unit Level Maintenance		
	Headquarters Directorates	(42)
	Headquarters Units	(4,936)
PPA V: Centrally Managed Accounts		
	Central Accounts	1,373
PPA VI: Depot Level Maintenance		
	Electronics Maintenance	2,487
		0

Implements recurring technical base adjustments to reallocate funding to the appropriate Project, Program, and Activity (PPA) for compliance with Coast Guard financial policy and proper alignment to the modernized operations and support organizations of the Coast Guard. All requested adjustments retain the original intent and purpose of the funding appropriated; however, the PPA required to properly execute these items has been determined to differ from that to which the funding was originally appropriated.

Decreases

Termination of One-Time Costs (\$94,873)

PPA Breakdown - Termination of One-Time Costs		Total (\$000)
PPA I: Military Personnel		
	Permanent Change of Station	(4,415)
PPA III: Training and Recruiting		
	Training and Education	(16,198)
	Recruiting and Training Centers	(6)
PPA IV: Operating Funds and Unit Level Maintenance		
	Headquarters Directorates	(18,346)
PPA V: Centrally Managed Accounts		
	Central Accounts	(1,563)
PPA VI: Depot Level Maintenance		
	Aircraft Maintenance	(19,931)
	Electronics Maintenance	(8,328)
	Civil/Ocean Engineering and Shore Facility Maintenance	(18,926)
	Vessel Maintenance	(7,160)
		(94,873)

This line item reflects FY 2017 savings associated with the termination of one-time costs for program start-up and exit transactions enacted in FY 2016.

FY 2016 Line Items	Recurring Amount (\$000)
Response Boat - Medium (RB-M) Follow-On	(40)
Fast Response Cutter (FRC) Follow-On	(3,821)
National Security Cutter (NSC) Follow-On	(1,514)
C-27J Aircraft Support Follow-On	(23,948)
HC-130J Aircraft Follow-On	(1,236)
MH-60T Helicopter Follow-On	(2,433)
Air Station Los Angeles Relocation: Phase I	(2,443)
ATTC Underwater Egress Facility Support Follow-On	(65)
sUAS Service Contract	(605)
Shore-side Support Structure Review & Rebalancing	(80)
Logistics & Service Center Shared Service Efficiencies	(38)
Health Services Delivery Review & Rebalancing	(50)
Two 110-ft Patrol Boats	(739)
Three HC-130 Aircraft	(560)
Critical Depot Level Maintenance	(41,795)
Operational Efficiency	(8,406)
Small Boat Purchases	(7,100)
Total	(94,873)

Part-Year Management Annualizations (\$16,589)

PPA Breakdown - Part Year Management Annualizations		Total (\$000)
PPA I: Military Personnel (-83 FTE)		
	Military Pay and Allowances	(5,701)
	Military Health Care	(758)
	Permanent Change of Station	(499)
PPA II: Civilian Personnel (-6 FTE)		
	Civilian Pay and Allowances	(591)
PPA III: Training and Recruiting		
	Training and Education	(283)
	Recruiting and Training Centers	(104)
PPA IV: Operating Funds and Unit Level Maintenance		
	1st District	(2)
	7th District	(79)
	9th District	(2)
	11th District	(391)
	13th District	(2)
	Headquarters Directorates	(3,025)
	Headquarters Units	(123)
	Other Activities	(14)
PPA V: Centrally Managed Accounts		
	Central Accounts	(270)
PPA VI: Depot Level Maintenance		
	Aircraft Maintenance	(4,471)
	Electronics Maintenance	(15)
	Vessel Maintenance	(259)
		(16,589)

This line item annualizes part-year reductions from various asset decommissionings and programmatic reductions enacted in FY 2016.

FY 2016 Line Items	FTE (Mil)	FTE (Civ)	Recurring Amount (\$000)
Shore-side Support Structure Review & Rebalancing	(8)	-	(714)
Logistics & Service Center Shared Service Efficiencies	(2)	(6)	(922)
Health Services Delivery Review & Rebalancing	(7)	-	(558)
Two 110-ft Patrol Boats	(13)	-	(1,869)
Three HC-130 Aircraft	(53)	-	(12,526)
Total	(83)	(6)	(16,589)

FY 2016 Compensable Work Day Reduction.....(\$2,954)

PPA Breakdown - 2016 Civilian Compensable Work Day		Total (\$000)
PPA II: Civilian Personnel		
	Civilian Pay and Allowances	(2,954)
		(2,954)

Terminates the non-recurring funding provided for the compensable work day of February, 29th 2016.

Naval Vessel Escort Reduction (\$924)

PPA Breakdown - High Value Unit Escort Reduction		Total (\$000)
PPA I: Military Personnel (-28 FTP, -14 FTE)		
	Military Pay and Allowances	(776)
	Military Health Care	(136)
	Permanent Change of Station	111
PPA III: Training and Recruiting		
	Training and Education	(24)
	Recruiting and Training Centers	(21)
PPA IV: Operating Funds and Unit Level Maintenance		
	5th District	(45)
	Headquarters Directorates	(6)
	Other Activities	(2)
PPA V: Centrally Managed Accounts		
	Central Accounts	(25)
		(924)

Reflects savings from a reduction in the number of Coast Guard escorts provided to the Navy. The Coast Guard uses a risk-based approach to identify naval activities that require escort.

Human Resources Efficiencies.....(\$2,192)

PPA Breakdown - Human Resources Efficiencies		Total (\$000)
PPA I: Military Personnel (-37 FTP, -22 FTE)		
	Military Pay and Allowances	(1,336)
	Military Health Care	(180)
	Permanent Change of Station	62
PPA II: Civilian Personnel (-11 FTP, -7 FTE)		
	Civilian Pay and Allowances	(474)
PPA III: Training and Recruiting		
	Training and Education	(35)
	Recruiting and Training Centers	(54)
PPA IV: Operating Funds and Unit Level Maintenance		
	1st District	(23)
	11th District	(2)
	17th District	(2)
	Headquarters Directorates	(9)
	Headquarters Units	(33)
	Other Activities	(4)
PPA V: Centrally Managed Accounts		
	Central Accounts	(102)
		(2,192)

Human Resources Efficiencies	FTP	FTE	Amount (\$000)
Coast Guard Academy Chief Petty Officer Reduction	(5)	(3)	(225)
Health Care Personnel Efficiencies	(9)	(6)	(390)
Housing Management Efficiencies	(18)	(9)	(655)
Extended Tour Lengths Savings	-	-	(184)
Coast Guard Academy Social Etiquette Program Reduction	(1)	(1)	(53)
Human Resources Personnel Efficiencies	(4)	(2)	(210)
Pay and Personnel Center Personnel Efficiencies	(7)	(4)	(279)
Personnel Services Command Efficiencies	(2)	(2)	(81)
Community Services Command Efficiencies	(2)	(2)	(115)
Total	(48)	(29)	(2,192)

Coast Guard Academy Chief Petty Officer Reduction

Provides annual savings through reduction of Coast Guard Academy Chief Petty Officers. The Academy will realign duties and adjust workloads to ensure Cadets continue to receive appropriate oversight and mentoring.

Health Care Personnel Efficiencies

Reflects savings in personnel funding for Coast Guard health services delivery. Savings will be realized through reduction of health services personnel. Position realignment and workload adjustments at Coast Guard health services locations will ensure there is no reduction in services to members or dependents.

Housing Management Efficiencies

Provides annual savings from the reduction of personnel available to support and maintain Coast Guard housing. These reductions are based on the Coast Guard's projected housing divesture plan and will not affect the level of service provided to members or dependents.

Extended Tour Lengths Savings

Provides annual Permanent Change of Station (PCS) savings through extending the length of assignment for selected military positions.

Coast Guard Academy Social Etiquette Program Reduction

Provides annual savings through a reduction of personnel in the Coast Guard Academy's formal social etiquette program. Position realignment and workload adjustments at the Academy will ensure Cadets continue to receive necessary training on military social etiquette.

Human Resources Personnel Efficiencies

Reflects savings from Coast Guard Human Resources personnel reductions. Position realignment and workload adjustments will mitigate any reduction in services.

Pay and Personnel Center Personnel Efficiencies

Provides annual savings from the reduction of personnel at the Coast Guard Pay and Personnel Center (PPC) Customer Care Branch. Position realignment and work load adjustments at PPC will mitigate any reduction in services to members, dependents, or retirees.

Personnel Services Command Efficiencies

Provides annual savings from the reduction of personnel at the Coast Guard Personnel Services Command. Position realignment and workload adjustments will mitigate any reduction in services.

Community Services Command Efficiencies

Provides annual savings from the reduction of personnel at the Coast Guard Community Services Command. Position realignment and workload adjustments will mitigate any reduction in services.

Chief Financial Officer (CFO) Personnel Reduction (\$984)

PPA Breakdown - Chief Financial Officer (CFO) Personnel Reduction		Total (\$000)
PPA I: Military Personnel (-1 FTP, -1 FTE)		
	Military Pay and Allowances	(38)
	Military Health Care	(5)
	Permanent Change of Station	7
PPA II: Civilian Personnel (-14 FTP, -8 FTE)		
	Civilian Pay and Allowances	(650)
PPA III: Training and Recruiting		
	Training and Education	(3)
	Recruiting and Training Centers	(1)
PPA IV: Operating Funds and Unit Level Maintenance		
	Headquarters Directorates	(4)
	Headquarters Units	(21)
PPA V: Centrally Managed Accounts		
	Central Accounts	(269)
		(984)

Chief Financial Officer (CFO) Personnel Reduction	FTP	FTE	Amount (\$000)
Office of Budget and Programs Staff Reduction	(2)	(2)	(129)
Financial Management Reductions	(13)	(7)	(855)
Total	(15)	(9)	(984)

Office of Budget and Programs Staff Reduction

Provides savings from the elimination of two positions in the Coast Guard Office of Budget and Programs. This initiative will eliminate one Acquisition, Construction and Improvement (AC&I) program reviewer and the office’s single administrative support position.

Financial Management Reductions

Provides annual savings from the elimination of thirteen financial management support positions at the Coast Guard Finance Center. These positions maintain the legacy Coast Guard Core Accounting System which provides financial services for the Coast Guard and other DHS components. The Coast Guard is scheduled to transition from this system to a Federal Shared Service Provider in FY 2018.

National Capital Region (NCR) Footprint Consolidation.....(\$3,900)

PPA Breakdown - National Capital Region (NCR) Footprint Consolidation		Total (\$000)
PPA IV: Operating Funds and Unit Level Maintenance		
	Headquarters Directorates	(276)
PPA V: Centrally Managed Accounts		
	Central Accounts	(3,624)
		(3,900)

This initiative reduces the cost of the Coast Guard’s NCR real property footprint by consolidating GSA leased property occupants at the Douglas A. Munro Coast Guard Headquarters Building at St. Elizabeths.

Air Station Los Angeles Lease Termination Savings(\$1,081)

PPA Breakdown - Air Station Los Angeles Lease Termination Savings		Total (\$000)
PPA V: Centrally Managed Accounts		
	Central Accounts	(1,081)
		(1,081)

Reflects annual cost savings due to the expiration of the Air Station Los Angeles lease at Los Angeles International Airport. The Coast Guard will use an existing hangar at Naval Base Ventura County as a Forward Operating Base until a permanent hangar is built. Coast Guard Search and Rescue response times within the current area of operation will continue to meet Coast Guard’s national standards.

Maintenance Efficiencies.....(\$2,489)

PPA Breakdown - Maintenance Efficiencies		Total (\$000)
PPA I: Military Personnel (-29 FTP, -15 FTE)		
	Military Pay and Allowances	(976)
	Military Health Care	(140)
	Permanent Change of Station	240
PPA III: Training and Recruiting		
	Training and Education	(25)
	Recruiting and Training Centers	(22)
PPA IV: Operating Funds and Unit Level Maintenance		
	Headquarters Units	(357)
	Other Activities	(2)
PPA V: Centrally Managed Accounts		
	Central Accounts	(41)
PPA VI: Depot Level Maintenance		
	Aircraft Maintenance	(180)
	Electronics Maintenance	(300)
	Civil/Ocean Engineering and Shore Facility Maintenance	(606)
	Vessel Maintenance	(80)
		(2,489)

Provides annual savings from maintenance efficiencies realized through personnel reductions and centralized inventory management of operational support equipment. A thorough review of the Coast Guard’s shore-side support identified potential personnel efficiencies with no direct operational impact and minimal effect on current service deliveries. Centralized management and standardization of equipment requirements and usage will reduce costs while continuing to meet Service demand.

National Security Cutter Energy Efficiency.....(\$13,481)

PPA Breakdown - National Security Cutter Fuel Efficiency		Total (\$000)
PPA IV: Operating Funds and Unit Level Maintenance		
	Headquarters Units	(13,481)
		(13,481)

Provides annual savings from a re-calculation of projected National Security Cutter (NSC) energy costs based on observed fuel consumption during actual operations.

Management and IT Efficiencies.....(\$8,772)

PPA Breakdown - Management and IT Efficiencies		Total (\$000)
PPA II: Civilian Personnel (53 FTP, 27 FTE)		
	Civilian Pay and Allowances	3,402
PPA III: Training and Recruiting		
	Training and Education	(1,467)
	Recruiting and Training Centers	(3,303)
PPA IV: Operating Funds and Unit Level Maintenance		
	Atlantic Area	(729)
	Pacific Area	(281)
	1st District	(100)
	5th District	(123)
	8th District	(30)
	9th District	(137)
	Headquarters Directorates	15,455
	Headquarters Units	(17,187)
PPA V: Centrally Managed Accounts		
	Central Accounts	(1,883)
PPA VI: Depot Level Maintenance		
	Electronics Maintenance	(2,389)
		(8,772)

Management & IT Efficiencies	FTP	FTE	Amount (\$000)
Education and Training Efficiencies	-	-	(1,477)
Security Contract Management Efficiency	-	-	(1,350)
Use of Multi-Function Devices	-	-	(1,350)
Communication System Program Efficiency	-	-	(1,437)
Secret Internet Protocol Router Network (SIPRNet) Tunneling	-	-	(256)
IT Workforce Rebalancing	53	27	(902)
IT Support Delivery Efficiency	-	-	(2,000)
Total	53	27	(8,772)

Education and Training Efficiencies

Provides annual savings from Coast Guard advanced education and training efficiencies that allow the Service to meet requirements at a reduced cost.

Security Contract Management Efficiency

Reflects savings from centralized management of security contracts across the Coast Guard. The consolidation of separately managed security contracts at individual Coast Guard installations will decrease costs without reducing levels of service.

Use of Multi-Function Devices

Reflects savings from replacing stand-alone printing, copying, faxing, and scanning devices with Multi-Functional Devices (MFD). MFDs require less support, power, and supplies to operate.

Communication System Program Efficiency

Provides annual savings from the consolidated management of Coast Guard telephony services. The Coast Guard will transition two central office exchange service units to a Coast Guard-owned Private Branch Exchange (PBX) system.

Secret Internet Protocol Router Network (SIPRNet) Tunneling

Reflects a reduced funding requirement to maintain and manage SIPRNet capabilities by eliminating circuits and improving management of Tactical Local Area Network Encryption (TACLANE) devices. In addition, this initiative will reduce reliance on external agencies for cryptographic assistance.

IT Workforce Rebalancing

Reflects savings from converting specific IT contractor positions to government positions at units across the Coast Guard. This targeted rebalancing will improve IT services and contracting oversight.

IT Support Delivery Efficiency

Reflects savings associated with moving Coast Guard development, deployment and support of critical IT systems to a utility services model. By centralizing management and oversight, IT support will be offered more efficiently and uniformly across the Service.

Professional Services Contract Reduction.....(\$35,000)

PPA Breakdown – Professional Services Contract Reduction		Total (\$000)
PPA I: Military Personnel		
	Military Health Care	(2,294)
PPA III: Training and Recruiting		
	Recruiting and Training Centers	(1,450)
PPA IV: Operating Funds and Unit Level Maintenance		
	Headquarters Directorates	(21,396)
PPA VI: Depot Level Maintenance		
	Aircraft Maintenance	(1,800)
	Electronics Maintenance	(2,600)
	Civil/Ocean Engineering and Shore Facility Maintenance	(3,460)
	Vessel Maintenance	(2,000)
		(35,000)

Reflects savings in professional services contracts based on an assessment of their direct contribution to Coast Guard front-line operations. The changes include the termination of contracts due to expire in 2016 that are not mission critical.

Four 110-foot Patrol Boats.....(\$4,559)

PPA Breakdown - Four 110-foot Patrol Boats		Total (\$000)
PPA I: Military Personnel (-72 FTP, -55 FTE)		
	Military Pay and Allowances	(3,549)
	Military Health Care	(523)
	Permanent Change of Station	482
PPA III: Training and Recruiting		
	Training and Education	(103)
	Recruiting and Training Centers	(72)
PPA IV: Operating Funds and Unit Level Maintenance		
	5th District	(454)
	7th District	(60)
	14th District	(80)
	17th District	(212)
	Headquarters Directorates	36
	Headquarters Units	42
	Other Activities	(7)
PPA V: Centrally Managed Accounts		
	Central Accounts	(245)
PPA VI: Depot Level Maintenance		
	Electronics Maintenance	35
	Vessel Maintenance	151
		(4,559)

Decommissions four 110-foot Island Class (WPB) patrol boats. The 110-foot WPB fleet is beyond its projected 20-year service life and is increasingly costly to maintain and operate. These assets are being replaced by more capable Fast Response Cutters (FRCs). The Coast Guard will re-invest the savings from decommissioning the 110-foot WPBs to fund the operations and maintenance costs of the FRCs scheduled for delivery in 2017.

Decommission High Endurance Cutter (WHEC).....(\$7,275)

PPA Breakdown - One High Endurance Cutter (WHEC)		Total (\$000)
PPA I: Military Personnel (-184 FTP, -92 FTE)		
	Military Pay and Allowances	(5,751)
	Military Health Care	(891)
	Permanent Change of Station	1,356
PPA III: Training and Recruiting		
	Training and Education	(171)
	Recruiting and Training Centers	(129)
PPA IV: Operating Funds and Unit Level Maintenance		
	Pacific Area	(2,093)
	Headquarters Directorates	300
	Headquarters Units	525
	Other Activities	(15)
PPA V: Centrally Managed Accounts		
	Central Accounts	(269)
PPA VI: Depot Level Maintenance		
	Electronics Maintenance	688
	Vessel Maintenance	(825)
		(7,275)

Decommissions one legacy High Endurance Cutter (WHEC). The remaining WHEC fleet is operating well beyond its design service life and is increasingly costly to maintain and operate. The WHEC fleet is being replaced by more capable National Security Cutters (WMSL Class). The sixth National Security Cutter (NSC) is under production and is scheduled for delivery in FY 2017.

Manned Covert Surveillance Aircraft (MCSA) Program Termination(\$2,722)

PPA Breakdown - Manned Covert Surveillance Aircraft		Total (\$000)
PPA I: Military Personnel (-11 FTP, -6 FTE)		
	Military Pay and Allowances	(463)
	Military Health Care	(53)
	Permanent Change of Station	75
PPA III: Training and Recruiting		
	Training and Education	(149)
	Recruiting and Training Centers	(11)
PPA IV: Operating Funds and Unit Level Maintenance		
	7th District	(314)
	Headquarters Directorates	(179)
	Headquarters Units	(52)
	Other Activities	(1)
PPA V: Centrally Managed Accounts		
	Central Accounts	(10)
PPA VI: Depot Level Maintenance		
	Aircraft Maintenance	(1,565)
		(2,722)

Terminates Operations and Maintenance (O&M) funding and personnel support for the Manned Covert Surveillance Aircraft (MCSA) program. The Coast Guard has not received this airframe, and has requested that the Air Force terminate the MCSA contract with Sikorsky Aircraft Corporation.

Seagoing Buoy Tender (WLB) Temporary Crew Reduction(\$3,815)

PPA Breakdown - One Seagoing Buoy Tender (WLB) Crew		Total (\$000)
PPA I: Military Personnel (-47 FTP, -47 FTE)		
	Military Pay and Allowances	(3,220)
	Military Health Care	(455)
	Permanent Change of Station	403
PPA III: Training and Recruiting		
	Training and Education	(149)
	Recruiting and Training Centers	(64)
PPA IV: Operating Funds and Unit Level Maintenance		
	14th District	(157)
	Headquarters Directorates	(45)
	Other Activities	(7)
PPA V: Centrally Managed Accounts		
	Central Accounts	(121)
		(3,815)

Provides annual savings from the temporary disestablishment of one 225-foot Seagoing Buoy Tender (WLB) crew during an extended Midlife Maintenance Availability (MMA) period for this asset class. Individual cutters will rotate through the MMA period until FY 2024, at which time the Coast Guard will go on budget to re-establish a WLB crew.

Schedule III – Other Exhibits

E. Justification of Proposed Legislative Language

Department of Homeland Security United States Coast Guard Operating Expenses

For necessary expenses for the operations and maintenance of the Coast Guard, not otherwise provided for; purchase or lease of not to exceed 25 passenger motor vehicles, which shall be for replacement only; purchase or lease of small boats for contingent and emergent requirements (at a unit cost of no more than \$700,000) and repairs and service-life replacements, not to exceed a total of \$31,000,000; purchase or lease of boats necessary for overseas deployments and activities; purchase or lease of other equipment (at a unit cost of no more than \$250,000); minor shore construction projects not exceeding \$1,000,000 in total cost on any location; payments pursuant to section 156 of Public Law 97–377 (42 U.S.C. 402 note; 96 Stat. 1920); and recreation and welfare; [\$7,061,490,000,] **\$6,986,815,000**,¹ of which [\$500,002,000] **\$340,000,000**² shall be for defense-related activities[, of which \$160,002,000 is designated by the Congress for Overseas Contingency Operations/Global War on Terrorism pursuant to section 251(b)(2)(A)(ii) of the Balanced Budget and Emergency Deficit Control Act of 1985]; of which \$24,500,000 shall be derived from the Oil Spill Liability Trust Fund to carry out the purposes of section 1012(a)(5) of the Oil Pollution Act of 1990 (33 U.S.C. 2712(a)(5)); and of which not to exceed \$23,000 shall be for official reception and representation expenses: *Provided*, That none of the funds made available by this Act shall be for expenses incurred for recreational vessels under section 12114 of title 46, United States Code, except to the extent fees are collected from owners of yachts and credited to this appropriation: *Provided further*, That to the extent fees are insufficient to pay expenses of recreational vessel documentation under such section 12114, and there is a backlog of recreational vessel applications, then personnel performing non-recreational vessel documentation functions under subchapter II of chapter 121 of title 46, United States Code, may perform documentation under section 12114: [*Provided further*, That of the funds provided under this heading, \$85,000,000 shall be withheld from obligation for Coast Guard Headquarters Directorates until a future-years capital investment plan for fiscal years 2017 through 2021, as specified under the heading “Coast Guard, Acquisition, Construction, and Improvements” of this Act, is submitted to the Committees on Appropriations of the Senate and the House of Representatives: *Provided further*, That funds made available under this heading for Overseas Contingency Operations/Global War on Terrorism may be allocated by program, project, and activity, notwithstanding section 503 of this Act:] *Provided further*, That without regard to the limitation as to time and condition of section 503(d) of this Act, after June 30, up to \$10,000,000 may be reprogrammed to or from Military Pay and Allowances in accordance with subsections (a), (b), and (c) of section 503.

Language Provision	Explanation
¹ ... [\$7,061,490,000,] \$6,986,815,000,	Dollar change only. No substantial change proposed.
² ... [\$500,002,000] \$340,000,000	Dollar change only. No substantial change proposed.

F. Summary of Fee Collections and Carryover

N/A

G. Summary of Reimbursable Resources

**Department of Homeland Security
U.S. Coast Guard
Operating Expenses
Summary of Reimbursable Resources
(Dollars in Thousands)**

Collections by Source:	FY 2015 Revised Enacted			FY 2016 Enacted			FY 2017 Request			Increase/Decrease		
	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount
Department of Homeland Security	123	110	\$20,509	120	102	\$26,493	113	107	\$26,579	(7)	5	\$86
Department of Defense	469	453	\$88,761	476	427	\$134,816	476	443	\$137,671	-	16	\$2,855
Department of Transportation	19	14	\$25,821	41	14	\$16,275	23	25	\$6,623	(18)	11	(\$9,652)
Department of Treasury	66	54	\$187	82	56	\$11,614	81	81	\$11,657	(1)	25	\$43
Department of Commerce	6	6	\$843	6	6	\$860	6	5	\$871	-	(1)	\$11
Department of State	25	12	\$4,428	27	26	\$7,301	27	27	\$7,311	-	1	\$10
Department of Justice	-	-	\$148	-	-	\$5,348	-	-	\$5,349	-	-	\$1
Federal Emergency Management Agency	-	-	\$20	-	-	\$30	-	-	\$35	-	-	\$5
Environmental Protection Agency	6	5	\$2,100	14	13	\$5,100	14	5	\$4,500	-	(8)	(\$600)
- Panama Canal Authority	-	-	\$54	-	-	\$76	-	-	\$76	-	-	-
Other Anticipated Reimbursables General	108	63	\$15,226	109	89	\$27,301	135	99	\$27,468	26	10	\$167
Operational Reimbursements	-	-	\$23,119	-	-	\$19,685	-	-	\$25,000	-	-	\$5,315
Total Budgetary Resources	822	717	\$181,216	875	733	\$254,899	875	792	\$253,140	-	59	(\$1,759)

Obligations by Program/Project Activity:	FY 2015 Revised Enacted			FY 2016 Enacted			FY 2017 Request			Increase/Decrease		
	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount
Military Personnel	586	537	\$59,172	604	548	\$62,120	604	574	\$64,360	-	26	\$2,240
Civilian Personnel	236	180	\$20,486	271	185	\$21,899	271	218	\$24,220	-	33	\$2,321
Operational Reimbursements	-	-	\$101,558	-	-	\$170,880	-	-	\$164,560	-	-	(\$6,320)
Total Obligations	822	717	\$181,216	875	733	\$254,899	875	792	\$253,140	-	59	(\$1,759)

H. FY 2017 Schedule of Working Capital Fund by Program/Project Activity

Department of Homeland Security
U.S. Coast Guard
Operating Expenses
(Dollars in Thousands)

Program/Project/Activity	FY 2015 Revised Enacted Amount	FY 2016 Enacted Amount	FY 2017 Request Amount	Increase/Decrease for FY 2017 Amount
V. Centrally Managed Accounts	\$97,383	\$104,343	\$74,862	(\$29,481)
Total Working Capital Fund	\$97,383	\$104,343	\$74,862	(\$29,481)

Program/Project Activity	FY 2015 Revised Enacted Amount	FY 2016 Enacted Amount	FY 2017 Request Amount	Increase/Decrease for FY 2017 Amount
GSA Rent	\$ 51,057	\$ 54,041	\$ 55,063	\$ 1,022
Internal Control Audit	\$ 3,416	\$ 3,458	\$ 3,169	\$ (289)
Bankcard Program	\$ 3	\$ 3	\$ 3	\$ -
TIER	\$ 61	\$ 63	\$ 63	\$ -
NFC Payroll Services	\$ 2,172	\$ 2,236	\$ 2,219	\$ (17)
HCBS Payroll Service	\$ 300	\$ 348	\$ 593	\$ 245
Flexible Spending Account	\$ 8	\$ 61	\$ 62	\$ 1
DHS Exec Lead	\$ 36	\$ 54	\$ 22	\$ (32)
ELA	\$ 25,348	\$ 25,064	\$ -	\$ (25,064)
NDU Faculty	\$ 66	\$ 62	\$ 61	\$ (1)
Research Library & Information Services	\$ 617	\$ 667	\$ 665	\$ (2)
DHS One Net	\$ 6,841	\$ 8,608	\$ 6,370	\$ (2,238)
Regulatory Services	\$ -	\$ 170	\$ 20	\$ (150)
CAO Mail Services	\$ 1,626	\$ 2,752	\$ 1,731	\$ (1,021)

e-Training	\$ 681	\$ 1,240	\$ 1,264	\$ 24
CLAN Operations	\$ 79	\$ 308	\$ 346	\$ 38
Interagency Council Funding	\$ 147	\$ 93	\$ 91	\$ (2)
USA Jobs	\$ 47	\$ 51	\$ 52	\$ 1
Enterprise HR Integration (EHRI)	\$ 145	\$ 148	\$ 162	\$ 14
e-Rulemaking	\$ 81	\$ 81	\$ 79	\$ (2)
HR LOB	\$ 11	\$ 12	\$ 13	\$ 1
e-GovBenefits	\$ 10	\$ 11	\$ 11	\$ -
Fin Mgmt LOB	\$ 31	\$ 21	\$ 20	\$ (1)
Geospatial LOB	\$ 37	\$ 25	\$ 25	\$ -
Budget Formulation & Execution LOB	\$ 17	\$ 5	\$ 11	\$ 6
e-Integrated Financial Assistance Environment	\$ 5	\$ 5	\$ 5	\$ -
e-Integrated Acquisition Environment	\$ 456	\$ 510	\$ -	\$ (510)
e-Gov Disaster Mgmt	\$ 1,637	\$ 1,637	\$ -	\$ (1,637)
IAE Loans and Grants	\$ 10	\$ 11	\$ -	\$ (11)
Performance Management LOB	\$ 9	\$ 10	\$ 6	\$ (4)
e-Integrated Awards Environment	\$ -	\$ -	\$ 329	\$ 329
Capital Planning and Investment Control (CPIC)	\$ 1,263	\$ 1,362	\$ 1,362	\$ -
Strategic Sourcing	\$ 266	\$ 316	\$ 330	\$ 14
CPO Shared Reporting	\$ 750	\$ 731	\$ 715	\$ (16)
WCF Ops	\$ 150	\$ 179	\$ -	\$ (179)
Total Working Capital Fund	\$ 97,383	\$ 104,343	\$ 74,862	\$ (29,481)

I. Capital Investment and Construction Initiative Listing

N/A

J. Object Class Breakout by Appropriation

Department of Homeland Security
U.S. Coast Guard
Operating Expenses
Summary of Requirements by Object Class
(Dollars in Thousands)

Object Classes	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
Personnel and Other Compensation Benefits				
11.1 Full-time Permanent	\$556,463	\$570,415	\$590,287	\$19,872
11.3 Other than Full-Time Permanent	\$3,610	\$3,701	\$3,830	\$129
11.5 Other Personnel Compensation	\$16,927	\$17,351	\$17,955	\$604
11.6 Military Personnel-Basic Allowance for Housing	\$732,743	\$742,319	\$758,705	\$16,386
11.7 Military Personnel	\$1,892,303	\$1,938,094	\$1,949,088	\$10,994
11.8 Special Personal Services Payments	\$6,760	\$6,930	\$6,970	\$40
12.1 Civilian Personnel Benefits	\$191,681	\$197,487	\$204,536	\$78,049
12.2 Military Personnel Benefits	\$250,248	\$255,877	\$257,439	\$1,562
13.0 Benefits for Former Personnel	\$6,432	\$6,590	\$6,639	\$49
Total, Personnel and Other Compensation Benefits	\$3,657,167	\$3,737,764	\$3,795,449	\$57,685
Other Object Classes				
21.0 Travel and Transportation of Persons	\$193,254	\$189,928	\$188,517	\$8,589
22.0 Transportation of Things	\$82,341	\$67,715	\$78,441	\$10,726
23.1 Rental Payments to GSA	\$53,382	\$49,535	\$46,658	(\$2,877)
23.2 Rental Payments to Others	\$31,141	\$30,289	\$30,337	\$48
23.3 Communications, Utilities, and Misc. Charges	\$181,033	\$181,493	\$179,488	(\$2,005)
24.0 Printing and Reproduction	\$3,983	\$4,551	\$4,636	\$85
25.1 Advisory and Assistance Services	\$181,445	\$176,565	\$164,448	(\$12,117)
25.2 Other Services from Non-Federal Sources	\$891,585	\$808,498	\$765,337	(\$43,161)
25.3 Other Goods and Services from Federal Sources	\$216,686	\$217,447	\$216,384	(\$1,063)

Object Classes	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
25.4 Operation and Maintenance of Facilities	\$225,507	\$211,208	\$193,277	(\$17,931)
25.6 Medical Care	\$302,493	\$319,967	\$327,184	\$7,217
25.7 Operation and Maintenance of Equipment	\$129,654	\$169,761	\$160,611	(\$9,150)
25.8 Subsistence & Support of Persons	\$689	\$845	\$847	\$2
26.0 Supplies and Materials	\$761,109	\$739,320	\$708,905	(\$30,415)
31.0 Equipment	\$108,781	\$136,496	\$104,757	(\$31,739)
32.0 Land and Structures	\$21,722	\$23,085	\$21,000	(\$2,085)
42.0 Insurance Claims and Indemnities	\$539	\$539	\$539	-
Total, Other Object Classes	\$3,385,344	\$3,317,242	\$3,191,366	(\$125,876)
Total, Direct Obligations	\$7,042,511	\$7,055,006	\$6,986,815	(\$68,191)
Adjustments				
Unobligated Balance, start of year	(\$3,179)	(\$2,170)	(\$8,000)	(\$5,830)
Unobligated Balance, end of year	\$2,170	\$8,000	\$8,000	-
Total Requirements	\$7,041,502	\$7,060,836	\$6,986,815	(\$74,021)

K. Object Class Breakout by PPA

Department of Homeland Security
U.S. Coast Guard
Operating Expenses
I. Military Pay and Allowances
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Personnel and Compensation Benefits	-	-	-	-
11.6 Military Personnel-Basic Allowance for Housing	\$732,743	\$742,319	\$758,705	\$16,386
11.7 Military Personnel	\$1,892,303	\$1,938,094	\$1,949,088	\$10,994
11.8 Special Personal Services Payments	\$6,760	\$6,930	\$6,970	\$40
12.2 Military Personnel Benefits	\$250,248	\$255,877	\$257,439	\$1,562
13.0 Benefits for Former Personnel	\$6,026	\$6,174	\$6,209	\$35
Total, Personnel and Compensation Benefits	\$2,888,080	\$2,949,394	\$2,978,411	\$29,017
Other Object Classes	-	-	-	-
21.0 Travel and Transportation of Persons	\$60,462	\$48,700	\$58,455	\$9,755
22.0 Transportation of Things	\$65,403	\$52,028	\$62,935	\$10,907
23.2 Rental Payments to Others	\$4,168	\$4,248	\$4,351	\$103
25.1 Advisory and Assistance Services	\$10,223	\$9,282	\$10,360	\$1,078
25.2 Other Services from Non-Federal Sources	\$33,314	\$31,316	\$34,433	\$3,117
25.3 Other Goods and Services from Federal Sources	\$50,049	\$51,305	\$53,485	\$2,180
25.6 Medical Care	\$302,493	\$319,967	\$327,184	\$7,217
25.7 Operation and Maintenance of Equipment	\$6,943	\$5,676	\$6,751	\$1,075
26.0 Supplies and Materials	\$55,720	\$57,888	\$59,871	\$1,983
31.0 Equipment	\$503	\$532	\$544	\$12

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
42.0 Insurance Claims and Indemnities	\$539	\$539	\$539	-
Total, Other Object Classes	\$589,817	\$581,481	\$618,908	\$37,427
Adjustments	-	-	-	-
Unobligated Balance, start of year	-	-	-	-
Unobligated Balance, end of year	-	-	-	-
Recoveries of Prior Year Obligations	-	-	-	-
Total Requirements	\$3,477,897	\$3,530,875	\$3,597,319	\$66,444
Full Time Equivalent	38,724	40,449	40,699	250

Department of Homeland Security
U.S. Coast Guard
Operating Expenses
II. Civilian Pay and Benefits
Summary of Requirements by Object Class
(Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Personnel and Compensation Benefits	-	-	-	-
11.1 Full-time Permanent	\$556,463	\$570,415	\$590,287	\$19,872
11.3 Other than Full-Time Permanent	\$3,610	\$3,701	\$3,830	\$129
11.5 Other Personnel Compensation	\$16,927	\$17,351	\$17,956	\$604
12.1 Civilian Personnel Benefits	\$191,681	\$196,487	\$204,536	\$8,049
13.0 Benefits for Former Personnel	\$406	\$416	\$431	\$14
Total, Personnel and Compensation Benefits	\$769,087	\$788,370	\$817,038	\$28,668
Other Object Classes	-	-	-	-
21.0 Travel and Transportation of Persons	\$113	\$113	\$113	-
22.0 Transportation of Things	\$173	\$173	\$173	-
Total, Other Object Classes	\$286	\$286	\$286	-
Adjustments	-	-	-	-
Unobligated Balance, start of year	-	-	-	-
Unobligated Balance, end of year	-	-	-	-
Recoveries of Prior Year Obligations	-	-	-	-
Total Requirements	\$769,373	\$788,656	\$817,324	\$28,668
Full Time Equivalents	6,980	7,478	7,548	70

Department of Homeland Security
U.S. Coast Guard
Operating Expenses
III. Training and Recruiting
Summary of Requirements by Object Class
(Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Other Object Classes	-	-	-	-
21.0 Travel and Transportation of Persons	\$46,245	\$46,358	\$48,749	\$2,391
22.0 Transportation of Things	\$810	\$769	\$772	\$3
23.2 Rental Payments to Others	\$3,933	\$3,731	\$3,748	\$17
23.3 Communications, Utilities, and Misc. Charges	\$11,070	\$10,501	\$10,548	\$47
24.0 Printing and Reproduction	\$623	\$616	\$653	\$37
25.1 Advisory and Assistance Services	\$46,492	\$51,716	\$45,724	(\$5,992)
25.2 Other Services from Non-Federal Sources	\$49,668	\$43,903	\$35,542	(\$8,361)
25.3 Other Goods and Services from Federal Sources	-	\$7,942	\$4,528	(\$3,414)
25.4 Operation and Maintenance of Facilities	\$14,633	\$14,834	\$15,356	\$522
25.7 Operation and Maintenance of Equipment	\$416	\$92	\$502	\$410
25.8 Subsistence & Support of Persons	\$412	\$391	\$393	-
26.0 Supplies and Materials	\$30,654	\$30,999	\$29,324	(\$1,675)
31.0 Equipment	\$3,134	\$2,978	\$2,766	(\$212)
Total, Other Object Classes	\$208,090	\$214,830	\$198,605	(\$16,225)
Adjustments	-	-	-	-
Unobligated Balance, start of year	-	-	-	-
Unobligated Balance, end of year	-	-	-	-
Total Requirements	\$208,090	\$214,830	\$198,605	(\$16,225)
Full Time Equivalent	-	-	-	-

Department of Homeland Security
U.S. Coast Guard
Operating Expenses
IV. Operating Funds and Unit Level Maintenance
Summary of Requirements by Object Class
(Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Other Object Classes	-	-	-	-
21.0 Travel and Transportation of Persons	\$76,129	\$75,211	\$71,467	(\$3,744)
22.0 Transportation of Things	\$10,619	\$9,893	\$9,709	(\$184)
23.2 Rental Payments to Others	\$21,058	\$20,489	\$20,417	(\$72)
23.3 Communications, Utilities, and Misc. Charges	\$87,624	\$88,261	\$82,994	(\$5,267)
24.0 Printing and Reproduction	\$3,245	\$3,000	\$3,000	-
25.1 Advisory and Assistance Services	\$20,189	\$14,327	\$6,341	(\$7,986)
25.2 Other Services from Non-Federal Sources	\$266,926	\$253,250	\$227,073	(\$26,177)
25.3 Other Goods and Services from Federal Sources	\$52,006	\$48,135	\$48,409	\$274
25.4 Operation and Maintenance of Facilities	\$49,012	\$44,301	\$41,236	(\$3,065)
25.7 Operation and Maintenance of Equipment	\$50,344	\$65,362	\$67,344	\$1,982
25.8 Subsistence & Support of Persons	\$277	\$454	\$454	-
26.0 Supplies and Materials	\$411,343	\$405,574	\$373,265	(\$32,309)
31.0 Equipment	\$41,451	\$54,574	\$44,039	(\$10,914)
32.0 Land and Structures	\$291	\$361	\$456	\$95
Total, Other Object Classes	\$1,090,514	\$1,083,571	\$996,204	(\$87,367)
Adjustments	-	-	-	-
Unobligated Balance, start of year	(\$2,661)	(\$1,134)	-	\$1,134
Unobligated Balance, end of year	\$1,134	-	-	-
Total, Adjustments	(\$1,527)	(\$1,134)	-	\$1,134
Total Requirements	\$1,088,987	\$1,082,437	\$996,204	(\$86,233)
Full Time Equivalents	-	-	-	-

Department of Homeland Security
U.S. Coast Guard
Operating Expenses
V. Centrally Managed Accounts
Summary of Requirements by Object Class
(Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Other Object Classes	-	-	-	-
23.1 Rental Payments to GSA	\$53,382	\$49,535	\$46,658	(\$2,877)
23.3 Communications, Utilities, and Misc. Charges	\$75,808	\$75,247	\$77,555	\$2,308
25.1 Advisory and Assistance Services	\$19,576	\$19,237	\$18,784	(\$453)
25.2 Other Services from Non-Federal Sources	\$61,236	\$56,935	\$55,281	(\$1,654)
25.3 Other Goods and Services from Federal Sources	\$96,691	\$93,610	\$93,182	(\$428)
25.4 Operation and Maintenance of Facilities	\$1,694	\$1,640	\$1,640	-
25.7 Operation and Maintenance of Equipment	\$3,813	\$1,958	\$3,310	\$1,352
26.0 Supplies and Materials	\$14,323	\$13,787	\$13,994	\$207
31.0 Equipment	\$20,105	\$19,152	\$18,695	(\$457)
Total, Other Object Classes	\$346,628	\$331,101	\$329,099	(\$2,002)
Adjustments	-	-	-	-
Unobligated Balance, start of year	-	-	-	-
Unobligated Balance, end of year	-	-	-	-
Total Requirements	\$346,628	\$331,101	\$329,099	(\$2,002)
Full Time Equivalents	-	-	-	-

Department of Homeland Security
U.S. Coast Guard
Operating Expenses
VI. Intermediate and Depot Level Maintenance
Summary of Requirements by Object Class
(Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Other Object Classes	-	-	-	-
21.0 Travel and Transportation of Persons	\$10,305	\$9,546	\$9,733	\$187
22.0 Transportation of Things	\$5,336	\$4,852	\$4,852	-
23.2 Rental Payments to Others	\$1,982	\$1,821	\$1,821	-
23.3 Communications, Utilities, and Misc. Charges	\$6,531	\$7,484	\$8,391	\$907
24.0 Printing and Reproduction	\$115	\$935	\$983	\$48
25.1 Advisory and Assistance Services	\$84,965	\$82,003	\$83,239	\$1,236
25.2 Other Services from Non-Federal Sources	\$480,441	\$423,094	\$413,008	(\$10,086)
25.3 Other Goods and Services from Federal Sources	\$17,940	\$16,455	\$16,780	\$325
25.4 Operation and Maintenance of Facilities	\$160,168	\$150,433	\$135,045	(\$15,388)
25.7 Operation and Maintenance of Equipment	\$68,138	\$96,673	\$82,704	(\$13,969)
26.0 Supplies and Materials	\$249,069	\$231,072	\$232,451	\$1,379
31.0 Equipment	\$43,588	\$58,881	\$38,713	(\$20,168)
32.0 Land and Structures	\$21,431	\$22,724	\$20,544	(\$2,180)
Total, Other Object Classes	\$1,150,009	\$1,105,973	\$1,048,264	(\$57,709)
Adjustments	-	-	-	-
Unobligated Balance, start of year	(\$518)	(\$1,036)	-	\$1,036
Unobligated Balance, end of year	\$1,036	-	-	-
Total, Adjustments	\$518	(\$1,036)	-	\$1,036
Total Requirements	\$1,150,527	\$1,104,937	\$1,048,264	(\$56,673)
Full Time Equivalents	-	-	-	-

L. Permanent Positions by Grade

Department of Homeland Security
U.S. Coast Guard
Operating Expenses
Military
 Permanent Positions by Grade

Grades and Salary Range	FY 2015	FY 2016	FY 2017	FY 2016 to
	Revised Enacted	Enacted	Request	FY 2017 Change
	Pos.	Pos.	Pos.	Total
O-10	1	1	1	-
O-9	5	5	5	-
O-8	25	25	25	-
O-7	7	7	7	-
O-6	346	348	348	-
O-5	769	771	771	-
O-4	1,258	1,265	1,277	12
O-3	2,194	2,229	2,254	25
O-2	1,360	1,375	1,379	4
O-1	285	292	309	17
CWO	1,639	1,639	1,635	(4)
E-10	1	1	1	-
E-9	336	336	336	-
E-8	687	691	694	3
E-7	3,321	3,347	3,376	29
E-6	6,185	6,227	6,261	34
E-5	7,599	7,632	7,690	58
E-4	7,462	7,504	7,559	55
E-3	4,444	4,430	4,451	21
E-2	1,001	977	947	(30)
E-1	296	296	296	-
Cadet/OC	825	825	825	-
Total Permanent Positions	40,046	40,223	40,447	224
Total Perm. Employment EOY	40,046	40,223	40,447	224

Grades and Salary Range	FY 2015	FY 2016	FY 2017	FY 2016 to
	Revised Enacted	Enacted	Request	FY 2017 Change
	Pos.	Pos.	Pos.	Total
Headquarters Military Positions	909	911	922	11
U.S. Field Military	38,796	38,971	39,184	213
Foreign Field Military	341	341	341	-
Total, Operating Expenses:	40,046	40,223	40,447	224
FTE	38,724	40,449	40,699	250
Average Grade, Officer Positions	3	3	3	-
Average Salary, Officer Positions	106,602	108,312	109,225	913
Average Salary, Enlisted Positions	63,377	61,859	63,517	1,658
Average Grade, Enlisted Positions	5	5	5	-

Department of Homeland Security
U.S. Coast Guard
Operating Expenses
Civilian
Permanent Positions by Grade

Grades and Salary Range	FY 2015	FY 2016	FY 2017	FY 2016 to
	Revised Enacted	Enacted	Request	FY 2017 Change
	Pos.	Pos.	Pos.	Total
Total, SES	18	18	18	-
GS-15	184	184	185	1
GS-14	605	604	608	4
GS-13	1,375	1,383	1,422	39
GS-12	1,678	1,686	1,726	40
GS-11	958	963	978	15
GS-10	25	25	25	-
GS-9	595	597	611	14
GS-8	152	151	150	(1)
GS-7	701	699	692	(7)
GS-6	210	206	204	(2)
GS-5	136	134	132	(2)
GS-4	20	20	20	-
GS-3	5	5	5	-
Other Graded Positions	1,206	1,206	1,206	-
Total Permanent Positions	7,868	7,881	7,982	101
Unfilled Positions EOY	857	856	867	11
Total Perm. Employment (Filled Positions) EOY	7,011	7,025	7,115	90
Headquarters	1,055	1,056	1,056	-
U.S. Field	6,806	6,818	6,919	101
Foreign Field	7	7	7	-
Total, Operating Expenses:	7,868	7,881	7,982	101
FTE	6,980	7,478	7,548	70
Average Personnel Costs, ES Positions	222,900	224,621	218,700	(5,921)

	FY 2015	FY 2016	FY 2017	FY 2016 to
	Revised Enacted	Enacted	Request	FY 2017 Change
	Pos.	Pos.	Pos.	Total
Grades and Salary Range				
Average Personnel Costs, GS Positions	111,141	111,518	111,793	275
Average Grade, GS Positions	11	11	11	-

M. Changes in Full Time Employment

	FY 2015	FY 2016	FY 2017
BASE: Year End Actual from Prior Year	46,400	45,704	48,293
Increases	924	3,472	649
Decreases	(1,620)	(883)	(695)
Year End Actuals/Estimated FTEs	45,704	48,293	48,247
Net Change from prior year base to Budget Year Estimate	(696)	2,589	(46)

**Department of
Homeland Security**
*United States Coast Guard
Environmental Compliance and Restoration*



Fiscal Year 2017
Congressional Justification

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Schedule I – Executive Summary of Appropriation Exhibits

A. Summary of Budget Estimates by Program Project Activity- Appropriation Level

Department of Homeland Security
U.S. Coast Guard
Environmental Compliance and Restoration
 Summary of FY 2017 Budget Estimates by Program Project Activity
 (Dollars in Thousands)

Program Project Activity	FY 2015			FY 2016			FY 2017			Increase(+) or Decrease(-) for		
	Revised Enacted ¹			Enacted			Request			Total Changes		
	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount
Environmental Compliance and Restoration	25	22	\$13,197	25	24	\$13,221	25	24	\$13,315	-	-	\$94
Total, Environmental Compliance and Restoration	25	22	\$13,197	25	24	\$13,221	25	24	\$13,315	-	-	\$94
Subtotal, Enacted Appropriations & Budget Estimates	25	22	\$13,197	25	24	\$13,221	25	24	\$13,315	-	-	\$94
Less: Adjustments for Other Funding Sources	-	-	-	-	-	-	-	-	-	-	-	-
Net, Enacted Appropriations and Budget Estimates:	25	22	\$13,197	25	24	\$13,221	25	24	\$13,315	-	-	\$94

¹Reflects reprogrammings/transfers, as applicable, and actual FTE. This footnote applies to all FY 2015 Revised Enacted tables throughout the CJ Submission

Overview

A. Mission Statement for Environmental Compliance and Restoration:

The Environmental Compliance and Restoration (EC&R) appropriation provides funding for environmental cleanup, sustainment, and restoration of current and former contaminated Coast Guard facilities, and engineering remedies on Coast Guard assets for the purpose of obtaining or restoring compliance with environmental laws and preventing contamination and environmental damage.

EC&R funding ensures the Coast Guard maintains its responsibilities associated with environmental stewardship. The Coast Guard complies with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Superfund Amendments and Reauthorization Act, Resource Conservation and Recovery Act (RCRA), and other applicable Federal or State laws to clean up contamination at current and former Coast Guard properties.

B. Budget Activities:

EC&R activities include site investigation and remediation activities at shore facilities; to include Coast Guard property slated for divestiture or transfer, and engineering changes to Coast Guard buildings and structures for the purpose of complying with environmental laws and preventing contamination and environmental damage.

C. Budget Request Summary:

The FY 2017 President's Budget request provides 25 positions, 24 FTE, and \$13.315 million for EC&R activities. This request provides for environmental remediation and restoration of Coast Guard facilities, including site assessment, remediation, and long term monitoring and management at Coast Guard facilities.

This request also continues long term monitoring at 30 sites, begins or continues investigation/remediation site work for four sites, and displays a commitment to ongoing identification, investigation, cleanup, and long-term management of contamination from hazardous substances and pollutants for Coast Guard systems, buildings, structures, and assets.

B. FY 2016 to FY 2017 Budget Change - Appropriation Level

**Department of Homeland Security
U.S. Coast Guard
Environmental Compliance and Restoration
FY 2016 to FY 2017 Budget Change
(Dollars in Thousands)**

	Pos.	FTE	Amount
FY 2015 Revised Enacted	25	22	\$13,197
FY 2016 Enacted	25	24	\$13,221
Adjustments-to-Base			
Increases			
Annualization of 2016 Military and Civilian Pay Raise	-	-	\$58
2017 Military Pay Raise	-	-	\$1
2017 Civilian Pay Raise	-	-	\$42
2017 Military Allowances	-	-	\$1
2017 Civilian Allowances	-	-	\$4
Total, Increases	-	-	\$106
Decreases			
2016 Compensable Work Day	-	-	(\$12)
Total, Decreases	-	-	(\$12)
Total Adjustments-to-Base	-	-	\$94
FY 2017 Current Services	25	24	\$13,315
FY 2017 Request	25	24	\$13,315
FY 2016 to FY 2017 Change	-	-	\$94

C. FY 2017 Investment Summary - Appropriation Level

N/A

Schedule II – Program, Project, Activity (PPA) Exhibits

D. FY 2016 to FY 2017 Budget Change- PPA Level

**Department of Homeland Security
United States Coast Guard
Environmental Compliance and Restoration
FY 2016 to FY 2017 Budget Change- PPA Level
(Dollars in Thousands)**

Environmental Compliance and Restoration		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	25	22	13,197
Base	FY 2016 Enacted	25	24	13,221
Current Services	Annualization of 2016 Military and Civilian Pay Raise	-	-	58
	2017 Military Pay Raise	-	-	1
	2017 Civilian Pay Raise	-	-	42
	2017 Military Allowances	-	-	1
	2017 Civilian Allowances	-	-	4
	2016 Compensable Work Day	-	-	(12)
Budget Year	FY 2017 Request	25	24	13,315
	Total Change from FY 2016 to FY 2017	-	-	94

PPA DESCRIPTION:

The purpose of the EC&R Appropriation is to carry out a program of environmental compliance and restoration at current and former Coast Guard facilities. The program involves the identification, investigation, cleanup, and long-term management of contamination from hazardous substances and pollutants, as well as engineering changes (i.e., physical changes) to Coast Guard systems, buildings, structures, and assets in order to bring Coast Guard facilities into compliance with environmental laws, to prevent contamination, or to preclude an environmental liability.

Funding requested is planned to be allocated by EC&R activity as follows:

1. Site Investigation/Remediation Activities (4 locations)	\$7.039 million
2. Long Term Management of Restoration Project Sites (30 locations)	\$2.083 million
3. Environmental Compliance Projects and Activities	\$0.750 million
4. Salaries	\$3.443 million

Depending on project complexity and conditions identified during routine monitoring, detailed site surveys, or field work project, sites may undergo investigation and assessment, remediation, restoration, and/or long term management in a phased approach, requiring a funding distribution across multiple years. The table below provides a detailed listing of each planned FY 2017 EC&R project based on current information regarding prioritization of work. The list may be adjusted as new information is discovered based upon the completion of assessments and project risk priority.

Project Title	Estimated Cost (\$K)
Site Investigations/Remediation Activities	
AIRSTA Annette Island - Site Remediation (Multiple Locations/Various Contamination Sources)	2,000
Radar Station Point Higgins -Site Remediation - Soil	870
Lighthouse - Farallon Island Light Station - Site Remediation (Excavate/Removal of Multiple Soil Contaminants)	2,455
TRACEN Petaluma (Skeet Range) - Site Remediation (Soil Contamination)	1,714
Subtotal Site Investigation/Remediation Activities	\$7,039
Long Term Management of Remediation Activities	
CG YARD / Site 9 - Long Term Management (Groundwater Monitoring/ Land Use Controls Oversight)	17
BASE Kodiak / Site 3 (Former Dry Cleaning/Laundry Facility) - Long Term Management (Groundwater Monitoring)	258
BASE Kodiak / Site 23 (Former Power Plant) - Long Term Management (Groundwater Monitoring)	178
BASE Kodiak / Site 1 (Former CG Landfill) - Long Term Management (Post-Closure Maintenance & Monitoring)	57
BASE Kodiak / Site 7A (Former Barrel Storage Area) - Long Term Management	132
BASE Kodiak / Site 6A (Motor Gasoline) - Long Term Management (Post-Closure Maintenance & Annual Groundwater Monitoring of Underground Storage Tanks Leaks	57
BASE Kodiak / Site 2 (Former Navy Landfill) - Long Term Management (Post-Closure Maintenance & Monitoring)	42
BASE Elizabeth City / Solid Waste Management Units 28/56 - Long Term Management (Groundwater Monitoring)	180

Project Title	Estimate Cost (\$K)
BASE Elizabeth City / Solid Waste Management Units 12/13/60 - Long Term Management (Monitoring of Ground Water Contamination @ Bldg 77 - Stripping Shop Release Site)	40
Base Elizabeth City / Solid Waste Management Units 32/37/38 (Former Fuel Farm) - Site Remediation/Long Term Management (Phytoremediation System)	115
Base Elizabeth / Solid Waste Management Unit 64 - Long Term Management (Groundwater Monitoring)	65
BASE Elizabeth City / Bldg 79 - Long Term Management (Groundwater Monitoring Electroplating Shop Release)	35
Air Station Traverse City - Site Cleanup of Asbestos Containing Materials (Annual Site Inspection and Cleanup of Transite Siding)	25
Base Elizabeth City / Solid Waste Management Unit 33 (Former Waste Storage Area Bldg 87) - Site Remediation/Long Term Management	45
Base Elizabeth City / Solid Waste Management Unit 15 (Former Burn Area and Landfill) - Long Term Monitoring (Phytoremediation System Operations and Management)	35
STA Grand Haven - Long Term Management (Groundwater Monitoring)	315
STA Fort Pierce - Long Term Management (Groundwater Monitoring)	30
CG Yard / Site 7 - Long Term Management / Maintenance of Land Use Controls	36
BASE Ketchikan - Long Term Management (Monitoring of Post-Remediation Activities)	14
Station Manistee - Long Term Management (Groundwater Monitoring)	65
Base Elizabeth City / Unit 62 - Long Term Management (Seaplane Pipeline Release Site)	25
Base Elizabeth City / Unit 55 - Long Term Management (Groundwater Monitoring of Main Gate Release Site)	15
Egmont Key Lighthouse - Long Term Management (Monitoring of Natural Attenuation of Groundwater Contamination)	8
Station Sabine - Long Term Management (Monitoring of Natural Attenuation of Groundwater Contamination)	80
Detachment Sandy Hook - Long Term Management (Groundwater Monitoring)	75

Project Title	Estimate Cost (\$K)
Base Elizabeth City / Former Navy Dispensary and Barracks Site - Long Term Management (Monitoring of Natural Attenuation of Groundwater)	20
Guard Island Lighthouse - Long Term Management (Inspection & Maintenance of Land Cap & Institutional Controls)	5
LORAN Station Kure (former) - Long Term Management (Biennial Monitoring of Post-Remediation Activities)	80
Air Station Clearwater - Long Term Management (Monitoring of Natural Attenuation of Fuel Release Fuel Handling Hydrant #3)	30
Coast Guard Academy - Long Term Management (Parcel 1 Fencing & Signage)	4
Subtotal Long Term Management of Remediation Projects	\$2,083
Environmental Compliance Projects and Activities	\$750
Salaries	\$3,443
Total FY 2017 Request	\$ 13,315

**Department of Homeland Security
U.S. Coast Guard
Environmental Compliance and Restoration**

Cost Drivers (Pay & Benefits) - PPA Level (Excludes Reimbursables) (\$000s)

	FY 2015 Revised Enacted ¹				FY 2016 Enacted				FY 2017 Request				FY 2016 to 2017 Change			
	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost
Civilian Total	24	21	\$3,068	\$145	24	23	\$3,227	\$139	24	23	\$3,320	\$143	-	-	\$93	\$4
Military Total	1	1	\$121	\$121	1	1	\$122	\$122	1	1	\$123	\$123	-	-	\$1	\$1

¹Reflects reprogrammings/transfers, as applicable, and actual FTE. The use of FY 2015 Actual FTE and FY2015 Revised Enacted Budgetary Resources in the Pay Cost Drivers Exhibit may reflect a higher average FTE Cost than represented in the FY 2016 Enacted or FY 2017 Request average cost columns.

NARRATIVE EXPLANATION OF CHANGES – PAY COST DRIVERS:

- **FTE Change FY 2016-2017:** None.
- **PCB Change FY 2016-2017:** Provides funding to annualize the FY 2016 military and civilian (1.3 percent) pay raise. Provides funding for the FY 2017 military and civilian (1.6 percent) pay raise. Provides funding for required contributions to Federal Employee Government Life Insurance (FEGLI), Federal Employee Health Benefits (FEHB), and TSP Government Contributions.
- **Average Cost Change FY 2016-2017:** Average cost change is due to the increased personnel costs related to the pay raise and personnel benefits being allocated to the same number of FTE appropriated in FY 2016.
- **Bonuses and Performance:** FY 2017 request estimates \$19 thousand for bonuses and performance awards. This request remains in line with OPM Awards Guidance on Spending Limitation.

**Department of Homeland Security
U.S. Coast Guard
Environmental Compliance and Restoration**

Cost Drivers (Non-Pay) - PPA Level (\$000s)

Appropriation - Environmental Compliance and Restoration	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
FY 2017 Non- Pay Cost Drivers (greatest-least)				
Site Investigation / Remediation Activities	\$8,165	\$6,939	\$7,039	\$100
Long Term Management of Restoration Project Sites	\$1,960	\$2,183	\$2,083	(\$100)
Total	\$10,125	\$9,122	\$9,122	-

NARRATIVE EXPLANATION OF CHANGES – NON-PAY COST DRIVERS:

- **Site Investigation / Remediation Activities (4 locations):** Provides funding to perform site remediation work at 4 locations to clean up hazardous substances and pollutants. Minor increases in this cost driver support new priorities: site remediation at former AIRSTA Annette Island, AK (\$2M); former Radar Station Point Higgins, AK (\$0.870M); Farallon Island Light Station, CA (\$2.455M); TRACEN Petaluma, CA (\$1.714M).
- **Long Term Management of Restoration Project Sites (30 locations):** Provides funding to continue long-term management work at 30 locations where remediation activities work has previously been done. Minor changes in this cost driver support ongoing priorities: monitoring and management work spanning multiple years to include sampling, analysis, site inspections, post closure maintenance, validation of land use controls, groundwater monitoring, monitoring of natural attenuation of groundwater contamination, and validation of institutional controls.

Schedule III – Other Exhibits

E. Justification of Proposed Legislative Language

**Department of Homeland Security
United States Coast Guard
Environmental Compliance and Restoration**

For necessary expenses to carry out the environmental compliance and restoration functions of the Coast Guard under chapter 19 of title 14, United States Code, [\$13,221,000,]***\$13,315,000***,¹ to remain available until September 30, [2020.]***2021***.²

Language Provision	Explanation
¹ ... [\$13,221,000,] <i>\$13,315,000</i> ,	Dollar change only. No substantial change proposed.
² ... [2020.] <i>2021</i> .	Fiscal year change only. No substantial change proposed.

F. Summary of Fee Collections and Carryover

N/A

G. Summary of Reimbursable Resources

N/A

H. FY 2017 Schedule of Working Capital Fund by Program/Project Activity

N/A

I. Capital Investment and Construction Initiative Listing

N/A

J. Object Class Breakout by Appropriation

Department of Homeland Security
U.S. Coast Guard
Environmental Compliance and Restoration
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
Personnel Compensation and Benefits				
11.1 Full-time Permanent	\$2,380	\$2,502	\$2,571	\$69
11.5 Other Personnel Compensation	\$20	\$21	\$22	\$1
11.6 Military Personnel-Basic Allowance for Housing	\$31	\$31	\$32	\$1
11.7 Military Personnel	\$83	\$84	\$84	-
12.1 Civilian Personnel Benefits	\$668	\$704	\$727	\$23
12.2 Military Personnel Benefits	\$7	\$7	\$7	-
Total, Personnel Compensation and Benefits	\$3,189	\$3,349	\$3,443	\$94
Other Object Classes				
21.0 Travel and Transportation of Persons	\$43	\$121	\$46	(\$75)
23.1 Rental Payments to GSA	\$2	\$6	\$2	(\$4)
24.0 Printing and Reproduction	\$1	\$3	\$1	(\$2)
25.2 Other Services from Non-Federal Sources	\$9,010	\$25,442	\$9,722	(\$15,720)
25.4 Operation and Maintenance of Facilities	\$75	\$212	\$81	(\$131)
25.7 Operation and Maintenance of Equipment	\$7	\$20	\$8	(\$12)
31.0 Equipment	\$10	\$28	\$11	(\$17)
42.0 Insurance Claims and Indemnities	\$1	\$3	\$1	(\$2)
Total, Other Object Classes	\$9,149	\$25,835	\$9,872	(\$15,963)
Total, Direct Obligations	\$12,338	\$29,184	\$13,315	(\$15,869)
Adjustments				
Unobligated Balance, start of year	(\$14,629)	(\$15,963)	-	\$15,963
Unobligated Balance, end of year	\$15,963	-	-	-
Recoveries of Prior Year Obligations	(\$475)	-	-	-
Total Requirements	\$13,197	\$13,221	\$13,315	\$94

K. Object Class Breakout by PPA

Department of Homeland Security
U.S. Coast Guard
Environmental Compliance and Restoration
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Personnel Compensation and Benefits	-	-	-	-
11.1 Full-time Permanent	\$2,380	\$2,502	\$2,571	\$69
11.5 Other Personnel Compensation	\$20	\$21	\$22	\$1
11.6 Military Personnel-Basic Allowance for Housing	\$31	\$31	\$32	\$1
11.7 Military Personnel	\$83	\$84	\$84	-
12.1 Civilian Personnel Benefits	\$668	\$704	\$727	\$23
12.2 Military Personnel Benefits	\$7	\$7	\$7	-
Total, Personnel Compensation and Benefits	\$3,189	\$3,349	\$3,443	\$94
Other Object Classes	-	-	-	-
21.0 Travel and Transportation of Persons	\$43	\$121	\$46	(\$75)
23.1 Rental Payments to GSA	\$2	\$6	\$2	(\$4)
24.0 Printing and Reproduction	\$1	\$3	\$1	(\$2)
25.2 Other Services from Non-Federal Sources	\$9,010	\$25,442	\$9,722	(\$15,720)
25.4 Operation and Maintenance of Facilities	\$75	\$212	\$81	(\$131)
25.7 Operation and Maintenance of Equipment	\$7	\$20	\$8	(\$12)
31.0 Equipment	\$10	\$28	\$11	(\$17)
42.0 Insurance Claims and Indemnities	\$1	\$3	\$1	(\$2)
Total, Other Object Classes	\$9,149	\$25,835	\$9,872	(\$15,963)
Adjustments	-	-	-	-
Unobligated Balance, start of year	(\$14,629)	(\$15,963)	-	\$15,963
Unobligated Balance, end of year	\$15,963	-	-	-
Recoveries of Prior Year Obligations	(\$475)	-	-	-
Total, Adjustments	\$811	(\$15,963)	-	\$15,963
Total Requirements	\$13,197	\$13,221	\$13,315	\$94
Full Time Equivalents	22	24	24	-

L. Permanent Positions by Grade

Department of Homeland Security
U.S. Coast Guard
Environmental Compliance and Restoration
Military
 Permanent Positions by Grade

Grades and Salary Range	FY 2015	FY 2016	FY 2017	FY 2016 to
	Revised Enacted	Enacted	Request	FY 2017 Change
	Pos.	Pos.	Pos.	Total
O-4	1	1	1	-
Total Permanent Positions	1	1	1	-
Total Perm. Employment EOY	1	1	1	-
Headquarters Military Positions	1	1	1	-
Total, Environmental Compliance and Restoration:	1	1	1	-
FTE	1	1	1	-
Average Grade, Officer Positions	4	4	4	-
Average Salary, Officer Positions	131,657	129,573	134,349	4,776

Department of Homeland Security
U.S. Coast Guard
Environmental Compliance and Restoration
Civilian
Permanent Positions by Grade

Grades and Salary Range	FY 2015	FY 2016	FY 2017	FY 2016 to
	Revised Enacted	Enacted	Request	FY 2017 Change
	Pos.	Pos.	Pos.	Total
GS-15	1	1	1	-
GS-14	2	2	2	-
GS-13	7	7	7	-
GS-12	14	14	14	-
Total Permanent Positions	24	24	24	-
Unfilled Positions EOY	2	2	2	-
Total Perm. Employment (Filled Positions) EOY	22	22	22	-
Headquarters	4	4	4	-
U.S. Field	20	20	20	-
Total, Environmental Compliance and Restoration:	24	24	24	-
FTE	21	23	23	-
Average Personnel Costs, GS Positions	128,229	128,754	128,608	(146)
Average Grade, GS Positions	13	13	13	-

M. Changes in Full Time Employment

	FY 2015	FY 2016	FY 2017
Year End Actuals/Estimated FTEs:	22	24	24
Net Change from prior year base to Budget Year Estimate:	-	-	-

Department of Homeland Security

*United States Coast Guard
Reserve Training*



Fiscal Year 2017
Congressional Justification

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Schedule I – Executive Summary of Appropriation Exhibits

A. Summary of Budget Estimates by Program Project Activity- Appropriation Level

Department of Homeland Security

U.S. Coast Guard

Reserve Training

Summary of FY 2017 Budget Estimates by Program Project Activity

(Dollars in Thousands)

Program Project Activity	FY 2015			FY 2016			FY 2017			Increase(+) or Decrease(-) for		
	Revised Enacted ¹			Enacted			Request			Total Changes		
	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount
Reserve Training	445	456	\$114,572	416	416	\$110,614	416	416	\$112,302	-	-	\$1,688
Total, Reserve Training	445	456	\$114,572	416	416	\$110,614	416	416	\$112,302	-	-	\$1,688
Subtotal, Enacted Appropriations & Budget Estimates	445	456	\$114,572	416	416	\$110,614	416	416	\$112,302	-	-	\$1,688
505 Rescission	-	-	(\$209)	-	-	(\$515)	-	-	-	-	-	\$515
Net, Enacted Appropriations and Budget Estimates:	445	456	\$114,363	416	416	\$110,099	416	416	\$112,302	-	-	\$2,203

¹Reflects reprogrammings/transfers, as applicable, and actual FTE. This footnote applies to all FY 2015 Revised Enacted tables throughout the CJ Submission

Overview

A. Mission Statement for Reserve Training:

As the principal Federal agency charged with maritime safety, security, and environmental stewardship, the Coast Guard protects vital economic and security interests of the United States from internal and external maritime risks and threats. The Coast Guard Reserve provides units and personnel to augment active duty Coast Guard forces during times of crisis, domestically or worldwide.

B. Budget Activities:

The Reserve Training appropriation facilitates training, operation, and administration of the Coast Guard Reserve Program. Coast Guard Reserve Forces provide qualified and trained personnel for active duty in the event of conflict, national emergency, or natural and man-made disasters. Reservists maintain their readiness through mobilization exercises and duty alongside regular Coast Guard

members during routine and emergency operations. Reservists will continue to serve as a cost-effective surge force to enhance the Nation's resilience to disasters.

C. Budget Request Summary:

The FY 2017 President's Budget requests 416 positions, 416 FTE, and \$112.302 million for Reserve Training. This request provides necessary resources for the training, operation, and administration of the Coast Guard Reserve Program, including training, equipping, and ensuring the readiness of a 7,000 member Coast Guard Reserve workforce.

B. FY 2016 to FY 2017 Budget Change - Appropriation Level

**Department of Homeland Security
U.S. Coast Guard
Reserve Training
FY 2016 to FY 2017 Budget Change
(Dollars in Thousands)**

	Pos.	FTE	Amount
FY 2015 Revised Enacted	445	456	\$114,572
FY 2016 Enacted	416	416	\$110,614
Adjustments-to-Base			
Increases			
Annualization of 2016 Military and Civilian Pay Raise	-	-	\$266
2017 Military Pay Raise	-	-	\$954
2017 Civilian Pay Raise	-	-	\$94
2017 Military Allowances	-	-	\$386
2017 Civilian Allowances	-	-	\$14
Total, Increases	-	-	\$1,714
Decreases			
2016 Civilian Compensable Work Day	-	-	(\$26)
Total, Decreases	-	-	(\$26)
Total Adjustments-to-Base	-	-	\$1,688
FY 2017 Current Services	416	416	\$112,302
FY 2017 Request	416	416	\$112,302
FY 2016 to FY 2017 Change	-	-	\$1,688

C. FY 2017 Investment Summary - Appropriation Level

N/A

Schedule II – Program, Project, Activity (PPA) Exhibits

D. FY 2016 to FY 2017 Budget Change- PPA Level

**Department of Homeland Security
United States Coast Guard
Reserve Training
FY 2016 to FY 2017 Budget Change- PPA Level
(Dollars in Thousands)**

Reserve Training		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	445	456	114,572
Base	FY 2016 Enacted	416	416	110,614
Current Services	Annualization of 2016 Military and Civilian Pay Raise	-	-	266
	2017 Military Pay Raise	-	-	954
	2017 Civilian Pay Raise	-	-	94
	2017 Military Allowances	-	-	386
	2017 Civilian Allowances	-	-	14
	2016 Civilian Compensable Work Day	-	-	(26)
Budget Year	FY 2017 Request	416	416	112,302
	Total Change from FY 2016 to FY 2017	-	-	1,688

PPA DESCRIPTION:

The Coast Guard Reserve is the Coast Guard’s surge military workforce and provides a cost-effective and versatile capacity to respond to major contingencies, such as natural and man-made disasters and maritime homeland security, national security and other significant events. Operational Commanders rely on reservists from across the Coast Guard during incidents and for short term operational support or special work. Reservists are trained locally, but mobilized world-wide. The Coast Guard Reserve is an integrated force, rather than a stand-alone component with reserve units, and the readiness of the Reserve is a responsibility that is shared across the organization.

The Coast Guard Reserve is a cornerstone of service readiness for contingency response. Coast Guard reservists also augment active duty forces through their Inactive Duty Training and Active Duty Training periods. The requested funding ensures these reservists are fully trained and ready to perform vital missions when called upon to do so. The request sustains 416 Full Time Support (FTS) military and civilian positions comprising the staff that develops training policy and doctrine and manages all recruiting, formal training, personnel, and resource program oversight.

The Reserve workforce is a critically important component of the Coast Guard and the request sustains the requisite workforce strength to surge in response to national disasters and contingencies (i.e., flooding, earthquakes, terrorist and pollution incidents, and hurricanes).

**Department of Homeland Security
U.S. Coast Guard
Reserve Training**

Cost Drivers (Pay & Benefits) - PPA Level (Excludes Reimbursables) (\$000s)

	FY 2015 Revised Enacted ¹				FY 2016 Enacted				FY 2017 Request				FY 2016 to 2017 Change			
	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost
Civilian Total	93	85	\$7,848	\$91	89	89	\$7,961	\$101	89	89	\$8,064	\$102	-	-	\$103	\$1
Military Total ²	352	371	\$86,268	\$232	327	327	\$87,165	\$257	327	327	\$88,750	\$262	-	-	\$1,585	\$5

¹Reflects reprogrammings/transfers, as applicable, and actual FTE. The use of FY 2015 FTE Actuals and FY2015 Revised Enacted Budgetary Resources in the CAS Pay Cost Drivers Exhibit may reflect a higher average FTE Cost than represented in the FY 2016 Enacted or FY 2017 Request average cost columns.

² Military total includes Reservist compensation but does not include Reservist FTP/FTE levels. Thus, Military average cost overstates the average cost of Full Time Support (FTS) personnel.

NARRATIVE EXPLANATION OF CHANGES – PAY COST DRIVERS:

- **FTE Change FY 2016-2017:** None.
- **PCB Change FY 2016-2017:** Provides funding to annualize the FY 2016 military and civilian (1.3 percent) pay raise. Provides funding for the FY 2017 military and civilian (1.6 percent) pay raise. Provides funding for required contributions to Federal Employee Government Life Insurance (FEGLI), Federal Employee Health Benefits (FEHB), and TSP Government Contributions.
- **Average Cost Change FY 2016-2017:** Average cost change is due to the increased personnel costs related to the pay raise and personnel benefits being allocated to the same number of FTE appropriated in FY 2016.
- **Bonuses and Performance Awards:** FY 2017 request estimates \$52 thousand for bonuses and performance awards. This request remains in line with OPM Awards Guidance on Spending Limitation.

**Department of Homeland Security
U.S. Coast Guard
Reserve Training**

Cost Drivers (Non-Pay) - PPA Level (\$000s)

Appropriation - Reserve Training	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
FY 2017 Non- Pay Cost Drivers (greatest-least)				
Readiness Support	\$20,456	\$15,488	\$15,488	-
Total	\$20,456	\$15,488	\$15,488	-

NARRATIVE EXPLANATION OF CHANGES – NON-PAY COST DRIVERS:

- **Readiness Support:** No change. Funds training, travel, and non-pay related costs necessary to ensure reservists have the skills and readiness required to respond to all contingencies including natural and man-made disasters, maritime homeland security, national security, and other significant events.

Schedule III – Other Exhibits

E. Justification of Proposed Legislative Language

**Department of Homeland Security
United States Coast Guard
Reserve Training**

For necessary expenses of the Coast Guard Reserve, as authorized by law; operations and maintenance of the Coast Guard reserve program; personnel and training costs; and equipment and services; [\$110,614,000.]***\$112,302,000.***¹

Language Provision	Explanation
¹ ... [\$110,614,000.] <i>\$112,302,000.</i>	Dollar change only. No substantial change proposed.

F. Summary of Fee Collections and Carryover

N/A

G. Summary of Reimbursable Resources

Department of Homeland Security
U.S. Coast Guard
Reserve Training
 Summary of Reimbursable Resources
 (Dollars in Thousands)

	FY 2015 Revised Enacted			FY 2016 Enacted			FY 2017 Request			Increase/Decrease		
	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount
Collections by Source:												
Selective Service System (SSS)	-	-	\$45	-	-	\$136	-	-	\$138	-	-	\$2
Total Budgetary Resources	-	-	\$45	-	-	\$136	-	-	\$138	-	-	\$2

	FY 2015 Revised Enacted			FY 2016 Enacted			FY 2017 Request			Increase/Decrease		
	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount
Obligations by Program/Project Activity:												
Reserve Training	-	-	\$45	-	-	\$136	-	-	\$138	-	-	\$2
Total Obligations	-	-	\$45	-	-	\$136	-	-	\$138	-	-	\$2

H. FY 2017 Schedule of Working Capital Fund by Program/Project Activity

N/A

I. Capital Investment and Construction Initiative Listing

N/A

J. Object Class Breakout by Appropriation

Department of Homeland Security
U.S. Coast Guard
Reserve Training
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
Personnel Compensation and Benefits				
11.1 Full-time Permanent	\$6,183	\$6,274	\$6,355	\$81
11.5 Other Personnel Compensation	\$101	\$101	\$102	\$1
11.6 Military Personnel-Basic Allowance for Housing	\$9,881	\$9,893	\$10,279	\$386
11.7 Military Personnel	\$69,096	\$69,894	\$70,978	\$1,084
11.8 Special Personal Services Payments	\$192	\$192	\$195	\$3
12.1 Civilian Personnel Benefits	\$1,564	\$1,586	\$1,607	\$21
12.2 Military Personnel Benefits	\$6,919	\$7,004	\$7,113	\$109
13.0 Benefits for Former Personnel	\$180	\$182	\$185	\$3
Total, Personnel Compensation and Benefits	\$94,116	\$95,126	\$96,814	\$1,688
Other Object Classes				
21.0 Travel and Transportation of Persons	\$6,470	\$5,158	\$5,158	-
22.0 Transportation of Things	\$543	\$633	\$633	-
23.3 Communications, Utilities, and Misc. Charges	\$470	\$625	\$625	-
24.0 Printing and Reproduction	\$1	\$1	\$1	-
25.2 Other Services from Non-Federal Sources	\$211	\$168	\$168	-
25.8 Subsistence & Support of Persons	\$4,286	\$3,417	\$3,417	-
26.0 Supplies and Materials	\$7,020	\$5,147	\$5,147	-
31.0 Equipment	\$154	\$123	\$123	-
42.0 Insurance Claims and Indemnities	\$271	\$216	\$216	-
Total, Other Object Classes	\$19,426	\$15,488	\$15,488	-
Total, Direct Obligations	\$113,542	\$110,614	\$112,302	\$1,688
Adjustments				
Unobligated Balance, start of year	-	-	-	-
Unobligated Balance, end of year (expired)	\$1,030	-	-	-
Total Requirements	\$114,572	\$110,614	\$112,302	\$1,688

K. Object Class Breakout by PPA

Department of Homeland Security
U.S. Coast Guard
Reserve Training
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Personnel Compensation and Benefits	-	-	-	-
11.1 Full-time Permanent	\$6,183	\$6,274	\$6,355	\$81
11.5 Other Personnel Compensation	\$101	\$101	\$102	\$1
11.6 Military Personnel-Basic Allowance for Housing	\$9,881	\$9,893	\$10,279	\$386
11.7 Military Personnel	\$69,096	\$69,894	\$70,978	\$1,084
11.8 Special Personal Services Payments	\$192	\$192	\$195	\$3
12.1 Civilian Personnel Benefits	\$1,564	\$1,586	\$1,607	\$21
12.2 Military Personnel Benefits	\$6,919	\$7,004	\$7,113	\$109
13.0 Benefits for Former Personnel	\$180	\$182	\$185	\$3
Total, Personnel Compensation and Benefits	\$94,116	\$95,126	\$96,814	\$1,688
Other Object Classes	-	-	-	-
21.0 Travel and Transportation of Persons	\$6,470	\$5,158	\$5,158	-
22.0 Transportation of Things	\$543	\$633	\$633	-
23.3 Communications, Utilities, and Misc. Charges	\$470	\$625	\$625	-
24.0 Printing and Reproduction	\$1	\$1	\$1	-
25.2 Other Services from Non-Federal Sources	\$211	\$168	\$168	-
25.8 Subsistence & Support of Persons	\$4,286	\$3,417	\$3,417	-
26.0 Supplies and Materials	\$7,020	\$5,147	\$5,147	-
31.0 Equipment	\$154	\$123	\$123	-
42.0 Insurance Claims and Indemnities	\$271	\$216	\$216	-
Total, Other Object Classes	\$19,426	\$15,488	\$15,488	-

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Adjustments	-	-	-	-
Unobligated Balance, start of year	-	-	-	-
Unobligated Balance, end of year (expired)	\$1,030	-	-	-
Recoveries of Prior Year Obligations	-	-	-	-
Total, Adjustments	\$1,030	-	-	-
Total Requirements	\$114,572	\$110,614	\$112,302	\$1,688
Full Time Equivalents	456	416	416	-

L. Permanent Positions by Grade

Department of Homeland Security
U.S. Coast Guard
Reserve Training
Military
 Permanent Positions by Grade

Grades and Salary Range	FY 2015	FY 2016	FY 2017	FY 2016 to
	Revised Enacted	Enacted	Request	FY 2017 Change
	Pos.	Pos.	Pos.	Total
O-8	1	1	1	-
O-6	7	7	7	-
O-5	16	15	15	-
O-4	28	28	28	-
O-3	48	47	47	-
O-2	5	5	5	-
O-1	5	5	5	-
CWO	10	9	9	-
E-9	7	7	7	-
E-8	7	7	7	-
E-7	28	22	22	-
E-6	101	92	92	-
E-5	46	41	41	-
E-4	39	37	37	-
E-3	4	4	4	-
Total Permanent Positions	352	327	327	-
Total Perm. Employment EOY	352	327	327	-
Headquarters Military Positions	28	28	28	-
U.S. Field Military	324	299	299	-
Total, Reserve Training:	352	327	327	-
FTE	371	327	327	-
Average Grade, Officer Positions	4	4	4	-
Average Salary, Officer Positions	125,669	126,531	128,232	1,701
Average Salary, Enlisted Positions	72,447	70,375	72,155	1,780
Average Grade, Enlisted Positions	6	6	6	-

Department of Homeland Security
U.S. Coast Guard
Reserve Training
Civilian
Permanent Positions by Grade

Grades and Salary Range	FY 2015	FY 2016	FY 2017	FY 2016 to
	Revised Enacted	Enacted	Request	FY 2017 Change
	Pos.	Pos.	Pos.	Total
GS-14	4	4	4	-
GS-13	4	4	4	-
GS-12	16	16	16	-
GS-11	11	10	10	-
GS-9	13	12	12	-
GS-8	5	5	5	-
GS-7	23	21	21	-
GS-6	12	12	12	-
GS-5	5	5	5	-
Total Permanent Positions	93	89	89	-
Unfilled Positions EOY	12	-	-	-
Total Perm. Employment (Filled Positions) EOY	81	89	89	-
Headquarters	11	11	11	-
U.S. Field	82	78	78	-
Total, Reserve Training:	93	89	89	-
FTE	85	89	89	-
Average Personnel Costs, GS Positions	87,248	87,654	88,038	384
Average Grade, GS Positions	9	9	9	-

M. Changes in Full Time Employment

	FY 2015	FY 2016	FY 2017
Year End Actuals/Estimated FTEs:	456	416	416
Net Change from prior year base to Budget Year Estimate:	-	-	-

**Department of
Homeland Security**
United States Coast Guard
Acquisition, Construction and Improvements



Fiscal Year 2017
Congressional Justification

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Schedule I – Executive Summary of Appropriation Exhibits

A. Summary of Budget Estimates by Program Project Activity- Appropriation Level

Department of Homeland Security
U.S. Coast Guard
Acquisition, Construction and Improvements
 Summary of FY 2017 Budget Estimates by Program Project Activity
 (Dollars in Thousands)

Program Project Activity	FY 2015			FY 2016			FY 2017			Increase(+) or Decrease(-) for FY 2017		
	Revised Enacted ¹			Enacted			Request			Total Changes		
	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount
I. Vessels	-	-	\$824,347	-	-	\$1,264,400	-	-	\$704,100	-	-	(\$560,300)
II. Aircraft	-	-	\$184,485	-	-	\$295,000	-	-	\$201,300	-	-	(\$93,700)
III. Other	-	-	\$62,100	-	-	\$65,100	-	-	\$59,355	-	-	(\$5,745)
IV. Shore and ATON	-	-	\$46,580	-	-	\$202,600	-	-	\$51,100	-	-	(\$151,500)
V. Personnel and Management	898	759	\$112,496	914	889	\$118,069	914	897	\$120,933	-	8	\$2,864
Total, Acquisition, Construction and Improvements	898	759	\$1,230,008	914	889	\$1,945,169	914	897	\$1,136,788	-	8	(\$808,381)
Subtotal, Enacted Appropriations & Budget Estimates	898	759	\$1,230,008	914	889	\$1,945,169	914	897	\$1,136,788	-	8	(\$808,381)
Transfer from CBP	-	-	[\$4,785]	-	-	-	-	-	-	-	-	-
Rescission of unobligated balances pursuant to P.L. 114-4	-	-	(\$61,695)	-	-	-	-	-	-	-	-	-
Rescission of unobligated balances pursuant to P.L. 114-113	-	-	-	-	-	(\$22,245)	-	-	-	-	-	\$22,245
505 Rescission	-	-	(\$1,722)	-	-	(\$971)	-	-	-	-	-	\$971
Net, Enacted Appropriations and Budget Estimates:	898	759	\$1,166,591	914	889	\$1,921,953	914	897	\$1,136,788	-	8	(\$785,165)

¹Reflects reprogrammings/transfers, as applicable, and actual FTE. This footnote applies to all FY 2015 Revised Enacted tables throughout the CJ Submission

Overview

A. Mission Statement for Salaries and expenses:

Acquisition, Construction and Improvement (AC&I) provides for the acquisition, procurement, construction, rebuilding, and improvement of vessels, aircraft, shore facilities and military housing, aids to navigation (ATON) systems and facilities, and command, control, communications and computer systems and related equipment. Funds appropriated for AC&I are managed by

Coast Guard acquisition project managers who oversee these projects and apply best practices, in accordance with the Coast Guard's Major Systems Acquisition Manual (MSAM) and applicable Department of Homeland Security (DHS) management directives, to optimize the return on recapitalization investments.

B. Budget Activities:

The AC&I appropriation funds the acquisition of new capital assets, construction of new facilities, and physical improvements to existing facilities and assets. Through processes documented in the MSAM, acquisition managers follow a continuum of activities ranging from pre-acquisition concept development to deployment and sustainment. Activities and documentation produced throughout the acquisition lifecycle inform budget requests and budget-related project activities.

C. Budget Request Summary:

The FY 2017 President's Budget requests 914 positions, 897 FTE, and \$1.136 billion for AC&I. The following is the funding for each program, project or activity (PPA) within the AC&I appropriation:

- Vessels - \$704,100,000
- Aircraft - \$201,300,000
- Other - \$59,355,000
- Shore and ATON - \$51,100,000
- Personnel and Management - \$120,933,000

B. FY 2016 to FY 2017 Budget Change - Appropriation Level

**Department of Homeland Security
U.S. Coast Guard
Acquisition, Construction and Improvements
FY 2016 to FY 2017 Budget Change
(Dollars in Thousands)**

	Pos.	FTE	Amount
FY 2015 Revised Enacted	898	759	\$1,230,008
FY 2016 Enacted	914	889	\$1,945,169
Adjustments-to-Base			
FY 2017 Current Services	-	-	-
Program Changes			
Increases			
Personnel and Management	-	8	\$2,864
Total, Increases	-	8	\$2,864
Decreases			
Aircraft	-	-	(\$93,700)
Other Equipment	-	-	(\$5,745)
Shore and Aids to Navigation	-	-	(\$151,500)
Vessels	-	-	(\$560,300)
Total, Decreases	-	-	(\$811,245)
Total Program Changes	-	8	(\$808,381)
FY 2017 Request	914	897	\$1,136,788
FY 2016 to FY 2017 Change	-	8	(\$808,381)

C. FY 2017 Investment Summary - Appropriation Level

**Department of Homeland Security
U.S. Coast Guard
Operations and Support**
FY 2017 Investment Summary- Appropriation Level
(Dollars in Thousands)

Investment Name ¹	PPA(s)	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request
Fast Response Cutter (FRC)	I. Vessels	\$110,000	\$340,000	\$240,000
National Security Cutter (NSC)	I. Vessels	\$632,847	\$743,400	\$127,000
Offshore Patrol Cutter (OPC)	I. Vessels	\$20,000	\$89,000	\$100,000
Polar Icebreaker	I. Vessels	-	\$6,000	\$147,600
HC-130J	II. Aircraft	\$107,485	\$150,000	\$20,800
HC-144A	II. Aircraft	\$15,000	\$3,000	\$25,500
HC-27J	II. Aircraft	\$20,000	\$102,000	\$130,000
HH-65	II. Aircraft	\$30,000	\$40,000	\$25,000
C4ISR	III. Other	\$36,300	\$36,600	\$24,300
CG-Logistics Information Management System (CG-LIMS)	III. Other	\$7,800	\$8,500	\$7,000
Total		\$979,432	\$1,518,500	\$847,200

¹ Level 1 and 2 Major Acquisition Oversight List (MAOL) investments

Schedule II – Program, Project, Activity (PPA) Exhibits
--

D. FY 2016 to FY 2017 Budget Change- PPA Level

**Department of Homeland Security
United States Coast Guard
Acquisition, Construction and Improvements
I. Vessels**

FY 2016 to FY 2017 Budget Change- PPA Level
(Dollars in Thousands)

I. Vessels		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	-	-	824,347
Base	FY 2016 Enacted	-	-	1,264,400
Program Changes	Vessels	-	-	(560,300)
Budget Year	FY 2017 Request	-	-	704,100
	Total Change from FY 2016 to FY 2017	-	-	(560,300)

SUBAPPROPRIATION DESCRIPTION:

The Vessels subappropriation provides funding to recapitalize and/or make capital improvements to the Coast Guard’s fleet of cutters and boats. With many of the Coast Guard’s surface assets operating beyond their planned service life, recapitalization and sustainment projects are critical to ensuring the continued mission effectiveness and readiness of the Coast Guard’s fleet. In FY 2017, funding will accelerate efforts towards the acquisition of a new heavy Polar Icebreaker; fund long lead time materials for the first Offshore Patrol Cutter (OPC); support Survey and Design of Vessels and Boats for future life-cycle event maintenance; and continue the National Security Cutter (NSC), Fast Response Cutter (FRC), Cutter Boats, and In-Service Vessel Sustainment (ISVS) programs. The Coast Guard fleet of cutters and boats supported within this program collectively perform all eleven statutory Coast Guard missions in the offshore, coastal and inland operational areas.

The Coast Guard's future fleet of NSCs, OPCs and FRCs are replacing the High and Medium Endurance Cutters, and Island-Class Patrol Boats. These modern assets will provide improved endurance, speed, sea-keeping, surveillance, and persistent presence in the offshore area of responsibility (AOR).

Department of Homeland Security
U.S. Coast Guard
I. Vessels
Justification of Program Changes
(Dollars in Thousands)

Funding Profile

	FY 2015 Revised Enacted			FY 2016 Enacted			FY 2017 Request		
	FTP	FTE	Dollars (\$000)	FTP	FTE	Dollars (\$000)	FTP	FTE	Dollars (\$000)
Current Services: Vessels - I. Vessels							-	-	\$1,264,400
Subtotal, Current Services							-	-	\$1,264,400
Program Decrease: Vessels - I. Vessels							-	-	(\$560,300)
Subtotal, Program Decreases							-	-	(\$560,300)
Total Request							-	-	\$704,100

DESCRIPTION OF ITEM:

The annual request for the Vessels program depends on the anticipated schedule of work for each PPA. Please see the following budget displays for detailed information: Summary of Requirements and Capital Investments and Construction Initiative Listing.

**Department of Homeland Security
U.S. Coast Guard
I. Vessels**

Cost Drivers (Non-Pay) - PPA Level (\$000s)

Appropriation - I. Vessels	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
FY 2017 Non- Pay Cost Drivers (greatest-least)				
Fast Response Cutter (FRC)	\$110,000	\$340,000	\$240,000	(\$100,000)
Offshore Patrol Cutter (OPC)	\$20,000	\$89,000	\$100,000	\$11,000
In-Service Vessel Sustainment	\$49,000	\$68,000	\$79,000	\$11,000
Polar Icebreaker	-	\$6,000	\$147,600	\$141,600
National Security Cutter (NSC)	\$632,847	\$743,400	\$127,000	(\$616,400)
Total	\$811,847	\$1,246,400	\$693,600	(\$552,800)

NARRATIVE EXPLANATION OF CHANGES – NON-PAY COST DRIVERS:

- **In-Service Vessel Sustainment:** Funds the FY 2017 need for life-cycle event vessel repair availabilities including Mid-Life Maintenance Availabilities (MMA) and Service Life Extension Projects (SLEP) on existing Coast Guard vessels.
- **National Security Cutter (NSC):** Funds the FY 2017 need for the continuation of the NSC acquisition, including Post Delivery Activities (PDA) and procurement of shipboard small Unmanned Aerial Systems (sUAS).
- **Offshore Patrol Cutter (OPC):** Funds the FY 2017 need for the continuation of the OPC acquisition, including technical review of Detail Design (DD) deliverables, and Long Lead Time Material (LLTM) for the first ship.
- **Fast Response Cutter (FRC):** Funds the FY 2017 need for the continuation of the FRC acquisition, including production of four hulls.
- **Polar Icebreaker:** Funds all design activities required to begin production activities by 2020 for a new heavy polar icebreaker .

**Department of Homeland Security
United States Coast Guard
Acquisition, Construction and Improvements
II. Aircraft**

FY 2016 to FY 2017 Budget Change- PPA Level
(Dollars in Thousands)

II. Aircraft		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	-	-	184,485
Base	FY 2016 Enacted	-	-	295,000
Program Changes	Aircraft	-	-	(93,700)
Budget Year	FY 2017 Request	-	-	201,300
	Total Change from FY 2016 to FY 2017	-	-	(93,700)

SUBAPPROPRIATION DESCRIPTION:

The Aircraft subappropriation provides funding for recapitalization and sustainment of the Coast Guard's fleet of aging aircraft. It is comprised of fixed and rotary-wing aircraft sustainment projects.

The Coast Guard's fleet of fixed and rotary-wing aircraft supported within this program collectively performs all Coast Guard missions in the Offshore, Coastal and Inland AORs. The land-based fixed-wing aircraft include the HC-144A, HC-130H/J and HC-27J aircraft. The HC-144A is the Coast Guard's primary medium-range fixed-wing aircraft. The Coast Guard's fleet of existing HC-130Hs and HC-130Js provide long range surveillance fixed-wing capability. Each of these fixed-wing aircraft enables the Coast Guard to conduct airborne surveillance, detection, classification and identification of vessels and other aircraft.

The Coast Guard's fleet of rotary-wing aircraft includes the H-60 and H-65 helicopters. The H-60 is a medium-range recovery helicopter, and the H-65 is a short-range recovery helicopter. Both aircraft are deployed from land-based air stations; the H-65 is also deployed routinely aboard the Coast Guard's fleet of NSCs, WHECs, and WMECs.

Department of Homeland Security
U.S. Coast Guard
II. Aircraft
Justification of Program Changes
(Dollars in Thousands)

Funding Profile

	FY 2015 Revised Enacted			FY 2016 Enacted			FY 2017 Request		
	FTP	FTE	Dollars (\$000)	FTP	FTE	Dollars (\$000)	FTP	FTE	Dollars (\$000)
Current Services: Aircraft - II. Aircraft							-	-	\$295,000
Subtotal, Current Services							-	-	\$295,000
Program Decrease: Aircraft - II. Aircraft							-	-	(\$93,700)
Subtotal, Program Decreases							-	-	(\$93,700)
Total Request							-	-	\$201,300

DESCRIPTION OF ITEM:

The annual request for the Aircraft program depends on the anticipated schedule of work for each PPA. Please see the following budget displays for detailed information: Summary of Requirements and Capital Investments and Construction Initiative Listing.

**Department of Homeland Security
U.S. Coast Guard
II. Aircraft**

Cost Drivers (Non-Pay) - PPA Level (\$000s)

Appropriation - II. Aircraft	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
FY 2017 Non- Pay Cost Drivers (greatest-least)				
HH-65	\$30,000	\$40,000	\$25,000	(\$15,000)
HC-130J	\$107,485	\$150,000	\$20,800	(\$129,200)
HC-144A	\$15,000	\$3,000	\$25,500	\$22,500
HC-27J	\$20,000	\$102,000	\$130,000	\$28,000
Total	\$172,485	\$295,000	\$201,300	(\$93,700)

NARRATIVE EXPLANATION OF CHANGES – NON-PAY COST DRIVERS:

- **HC-144A:** Funds the FY 2017 need for the continuation of the HC-144A project, including retrofit of the legacy Mission System and associated sensors with the Coast Guard variant of the U.S. Navy Minotaur system.
- **HC-27J:** Funds the FY 2017 need for the continuation of the HC-27J project, including the missionization of two C-27J aircraft.
- **HH-65:** Funds the FY 2017 need for the continuation of the HH-65 project, including reliability and sustainability improvements of obsolete components.
- **HC-130J:** Funds the FY 2017 need for the continuation of the HC-130J acquisition, including retrofit of the legacy Mission System and associated sensors with the Coast Guard variant of the U.S. Navy Minotaur system, and procurement of crucial spares and equipment to complete activation of the second operational HC-130J unit.

**Department of Homeland Security
United States Coast Guard
Acquisition, Construction and Improvements
III. Other**

FY 2016 to FY 2017 Budget Change- PPA Level
(Dollars in Thousands)

III. Other		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	-	-	62,100
Base	FY 2016 Enacted	-	-	65,100
Program Changes	Other Equipment	-	-	(5,745)
Budget Year	FY 2017 Request	-	-	59,355
	Total Change from FY 2016 to FY 2017	-	-	(5,745)

SUBAPPROPRIATION DESCRIPTION:

The Other subappropriation procures hardware and software, including initial acquisition, development or construction or improvement of any system, software or equipment costing over \$250 thousand per end use item, or \$10.0 million total project cost. In FY 2017, funding will support continued progress on build-out of Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) systems, and CG-Logistics Information Management System (CG-LIMS). This subappropriation also provides funding for Program Oversight and Management (PO&M).

The Coast Guard leverages its C4ISR capability to effectively execute a broad mission set in an immensely challenging operating environment. Assets are able to receive, evaluate and act upon information obtained through the capability provided by the systems supported in this program. The C4ISR project provides standardized capability to major cutters and aircraft, facilitating interoperability and information sharing. The CG-LIMS project is replacing redundant and obsolete logistics systems with a single integrated IT system capable of providing enhanced configuration management, supply support, and improved financial accountability. PO&M is critical for oversight and efficient execution of Coast Guard's acquisition programs.

Department of Homeland Security
U.S. Coast Guard
III. Other
Justification of Program Changes
(Dollars in Thousands)

Funding Profile

	FY 2015 Revised Enacted			FY 2016 Enacted			FY 2017 Request		
	FTP	FTE	Dollars (\$000)	FTP	FTE	Dollars (\$000)	FTP	FTE	Dollars (\$000)
Current Services: Other Equipment - III. Other							-	-	\$65,100
Subtotal, Current Services							-	-	\$65,100
Program Decrease: Other Equipment - III. Other							-	-	(\$5,745)
Subtotal, Program Decreases							-	-	(\$5,745)
Total Request							-	-	\$59,355

DESCRIPTION OF ITEM:

The annual request for these PPAs depends in part on the anticipated schedule of work under the Vessels and Aircraft programs. Please see the following budget displays for detailed information: Summary of Requirements and Capital Investments and Construction Initiative Listing.

**Department of Homeland Security
U.S. Coast Guard**

III. Other

Cost Drivers (Non-Pay) - PPA Level (\$000s)

Appropriation - III. Other	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
FY 2017 Non- Pay Cost Drivers (greatest-least)				
Other Equipment and Systems	-	-	\$8,055	\$8,055
Program Management and Oversight	\$18,000	\$20,000	\$20,000	-
CG-Logistics Information Management System (CG-LIMS)	\$7,800	\$8,500	\$7,000	(\$1,500)
C4ISR	\$36,300	\$36,600	\$24,300	(\$12,300)
Total	\$62,100	\$65,100	\$59,355	(\$5,745)

NARRATIVE EXPLANATION OF CHANGES – NON-PAY COST DRIVERS:

- **Program Management and Oversight:** Funds the FY 2017 need for activities associated with the transition of the Coast Guard's assets from acquisition to operations, including delivery, provision of logistics, training, and other services necessary to ensure seamless integration into the operational fleet.
- **C4ISR:** Funds the FY 2017 need for the design, development, and information assurance posture of Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) integrated hardware and software systems on Coast Guard assets.
- **CG-Logistics Information Management System (CG-LIMS):** Funds the FY 2017 need for the development and delivery of the CG-LIMS, including continued configuration and phased deployment to Coast Guard operational assets and support facilities.
- **Other Equipment and Systems:** Funds the FY 2017 need for the procurement of end-use item equipment and systems to support a variety of Coast Guard missions.

**Department of Homeland Security
United States Coast Guard
Acquisition, Construction and Improvements
IV. Shore and ATON**

FY 2016 to FY 2017 Budget Change- PPA Level
(Dollars in Thousands)

IV. Shore and ATON		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	-	-	46,580
Base	FY 2016 Enacted	-	-	202,600
Program Changes	Shore and Aids to Navigation	-	-	(151,500)
Budget Year	FY 2017 Request	-	-	51,100
	Total Change from FY 2016 to FY 2017	-	-	(151,500)

SUBAPPROPRIATION DESCRIPTION:

The AC&I Shore and ATON subappropriation provides for the recapitalization, construction, rebuilding, and improvement of the Coast Guard's shore facilities, military housing, ATON and related equipment. Shore facilities support all Coast Guard operations and address the shore-side needs of the service's operational communities. This funding also provides infrastructure upgrades to homeport new assets and ensure these facilities are fully functional and ready prior to arrival of new assets.

Department of Homeland Security
U.S. Coast Guard
IV. Shore and ATON
Justification of Program Changes
(Dollars in Thousands)

Funding Profile

	FY 2015 Revised Enacted			FY 2016 Enacted			FY 2017 Request		
	FTP	FTE	Dollars (\$000)	FTP	FTE	Dollars (\$000)	FTP	FTE	Dollars (\$000)
Current Services: Shore and Aids to Navigation - IV. Shore and ATON							-	-	\$202,600
Subtotal, Current Services							-	-	\$202,600
Program Decrease: Shore and Aids to Navigation - IV. Shore and ATON							-	-	(\$151,500)
Subtotal, Program Decreases							-	-	(\$151,500)
Total Request							-	-	\$51,100

DESCRIPTION OF ITEM:

The annual request for the Shore and ATON Program is based on evaluation of the facilities backlog and on the anticipated schedule for completion of individual projects in other programs. Please see the following budget displays for detailed information: Summary of Requirements and Capital Investments and Construction Initiative Listing.

Department of Homeland Security
U.S. Coast Guard
IV. Shore and ATON
Cost Drivers (Non-Pay) - PPA Level (\$000s)

Appropriation - IV. Shore and ATON	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
FY 2017 Non- Pay Cost Drivers (greatest-least)				
Major Shore, ATON, and Survey & Design	\$19,580	\$124,600	\$18,100	(\$106,500)
Military Housing	\$6,000	\$21,000	-	(\$21,000)
Minor Shore	\$5,000	\$5,000	\$5,000	-
Major Acquisition Shore Infrastructure	\$16,000	\$52,000	\$28,000	(\$24,000)
Total	\$46,580	\$202,600	\$51,100	(\$151,500)

NARRATIVE EXPLANATION OF CHANGES – NON-PAY COST DRIVERS:

- **Major Shore, ATON, and Survey & Design:** Funds the FY 2017 need for major AC&I shore facility construction projects, construction and improvements to buoys and structures assisting navigation on Federal waterways, and survey and design required for future year AC&I shore projects.
- **Major Acquisition Shore Infrastructure:** Funds the FY 2017 need for shore facility infrastructure modifications, upgrades, and new construction associated with home-porting new or modified cutters, boats, and aircraft.
- **Minor Shore:** Funds the FY 2017 need for minor shore facility construction projects.

**Department of Homeland Security
United States Coast Guard
Acquisition, Construction and Improvements
V. Personnel and Management**

FY 2016 to FY 2017 Budget Change- PPA Level
(Dollars in Thousands)

V. Personnel and Management		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	898	759	112,496
Base	FY 2016 Enacted	914	889	118,069
Program Changes	Personnel and Management	-	8	2,864
Budget Year	FY 2017 Request	914	897	120,933
	Total Change from FY 2016 to FY 2017	-	8	2,864

SUBAPPROPRIATION DESCRIPTION:

The Personnel and Management subappropriation funds personnel compensation, benefits and related costs for FTE who perform work on projects funded by the AC&I appropriation. The primary activities include project management, financial management, support services, training, and workforce certification. Coast Guard acquisition programs rely on an appropriate level of government acquisition professionals with the competencies and capacity to manage acquisitions in accordance with USCG and DHS policies, while meeting various requirements established in the Chief Financial Officer Act, Clinger-Cohen Act, DHS certification level requirements, and OMB Circular A-76.

**Department of Homeland Security
U.S. Coast Guard
V. Personnel and Management
Justification of Program Changes
(Dollars in Thousands)**

Funding Profile

	FY 2015 Revised Enacted			FY 2016 Enacted			FY 2017 Request		
	FTP	FTE	Dollars (\$000)	FTP	FTE	Dollars (\$000)	FTP	FTE	Dollars (\$000)
Current Services: Personnel and Management - V. Personnel and Management							914	889	\$118,069
Subtotal, Current Services							914	889	\$118,069
Program Increase: Personnel and Management - V. Personnel and Management							-	8	\$2,864
Subtotal, Program Increases							-	8	\$2,864
Total Request							914	897	\$120,933

DESCRIPTION OF ITEM:

The annual request for the Personnel and Management Program reflects the anticipated personnel funding need for all projects conducted with AC&I funding. Please see the following budget displays for detailed information: Summary of Requirements and Capital Investments and Construction Initiative Listing.

**Department of Homeland Security
Acquisition, Construction and Improvements
V. Personnel and Management**

Cost Drivers (Pay & Benefits) - PPA Level (Excludes Reimbursables) (\$000s)

	FY 2015 Revised Enacted ¹				FY 2016 Enacted				FY 2017 Request				FY 2016 to 2017 Change			
	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost
Civilian Total	477	392	\$59,387	\$150	490	466	\$66,522	\$142	490	473	\$68,264	\$143	-	7	\$1,742	\$1
Military Total	421	367	\$41,953	\$113	424	423	\$45,306	\$106	424	424	\$46,425	\$108	-	1	\$1,119	\$2

¹Reflects reprogrammings/transfers, as applicable. The use of FY 2015 FTE Actuals and FY2015 Revised Enacted Budgetary Resources may generate a higher average FTE Cost than represented in the FY 2016 Enacted or FY 2017 Request Average Cost columns.

NARRATIVE EXPLANATION OF CHANGES – PAY COST DRIVERS:

- **FTE Change FY 2016-2017:** Changes resultant from increases and decreases included in the FY 2017 request.
- **PCB Change FY 2016-2017:** Provides funding to annualize the FY 2016 military and civilian (1.3 percent) pay raise. Provides funding for the FY 2017 military and civilian (1.6 percent) pay raise. Provides funding for required contributions to Federal Employee Government Life Insurance (FEGLI), Federal Employee Health Benefits (FEHB), and TSP Government Contributions.
- **Average Cost Change FY 2016-2017:** Average cost change is due to the increased personnel costs being allocated to the same number of FTE appropriated in FY 2016.
- **Bonuses and Performance Awards:** FY 2017 request estimates \$432 for bonuses and performance awards. This request remains in line with OPM Awards Guidance on Spending Limitation.

Schedule III – Other Exhibits

E. Justification of Proposed Legislative Language

**Department of Homeland Security
United States Coast Guard
Acquisition, Construction and Improvements
Appropriation Language**

For necessary expenses of acquisition, construction, renovation, and improvement of aids to navigation, shore facilities, vessels, and aircraft, including equipment related thereto; and maintenance, rehabilitation, lease, and operation of facilities and equipment[;],¹ as authorized by law; [\$1,945,169,000]**\$1,136,788,000**²; of which \$20,000,000 shall be derived from the Oil Spill Liability Trust Fund to carry out the purposes of section 1012(a)(5) of the Oil Pollution Act of 1990 (33 U.S.C. 2712(a)(5)); and of which the following amounts shall be available until September 30, [2020]**2021**³ (except as subsequently specified): [\$21,000,000 for military family housing;] [\$1,264,400,000]**\$704,100,000**⁴ to acquire, effect major repairs to, renovate, or improve vessels, small boats, and related equipment, *of which \$240,000,000 is for acquisition of four Fast Response Cutters and of which \$98,367,000, to remain available until September 30, 2018, is for post-delivery activities associated with National Security Cutters*⁵; [\$295,000,000]**\$201,300,000**⁶ to acquire, effect major repairs to, renovate, or improve aircraft or increase aviation capability; [\$65,100,000]**\$59,355,000**⁷ for other acquisition programs; [\$181,600,000]**\$51,100,000**⁸ for shore facilities and aids to navigation, including facilities at Department of Defense installations used by the Coast Guard; and [\$118,069,000]**\$120,933,000**⁹, to remain available until September 30, [2016]**2017**¹⁰, for personnel compensation and benefits and related costs.

Language Provision	Explanation
¹ ... [;],	Grammar change only. No substantial change proposed.
² ... [\$1,945,169,000] \$1,136,788,000	Dollar change only. No substantial change proposed.
³ ... [2020] 2021	Fiscal year change only. No substantial change proposed.
⁴ ... [\$1,264,400,000] \$704,100,000	Dollar change only. No substantial change proposed.

⁵ ... , of which \$240,000,000 is for acquisition of four Fast Response Cutters and of which \$98,367,000, to remain available until September 30, 2018, is for post-delivery activities associated with National Security Cutters	Change to address acquisition of Fast Response Cutters and post-delivery activities for National Security Cutters.
⁶ ... [\$295,000,000] \$201,300,000	Dollar change only. No substantial change proposed.
⁷ ... [\$65,100,000] \$59,355,000	Dollar change only. No substantial change proposed.
⁸ ... [\$181,600,000] \$51,100,000	Dollar change only. No substantial change proposed.
⁹ ... [\$118,069,000] \$120,933,000	Dollar change only. No substantial change proposed.
¹⁰ ... [2016] 2017	Fiscal year change only. No substantial change proposed.

F. Summary of Fee Collections and Carryover

N/A

G. Summary of Reimbursable Resources

**Department of Homeland Security
U.S. Coast Guard
Acquisition, Construction and Improvements
Summary of Reimbursable Resources
(Dollars in Thousands)**

Collections by Source:	FY 2015 Revised Enacted			FY 2016 Enacted			FY 2017 Request			Increase/Decrease		
	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount
Jordan - 45-foot Response Boat Medium	-	-	-	-	-	\$8,000	-	-	-	-	-	(\$8,000)
Mexico - CASA Aircraft and Support	-	-	\$5,199	-	-	\$1,583	-	-	-	-	-	(\$1,583)
Latvia - Zodiac Rigid Hull Inflatable Boat	-	-	-	-	-	\$4,242	-	-	-	-	-	(\$4,242)
Group San Francisco Watch Berthing Relocation	-	-	\$215	-	-	-	-	-	-	-	-	-
Vietnam - 45-foot Defiant Class Boat	-	-	-	-	-	\$17,832	-	-	\$1,606	-	-	(\$16,226)
Netherlands - 38-foot Defiant Class Boats	-	-	-	-	-	-	-	-	\$10,619	-	-	\$10,619
Republic of Tunisia - 65- foot Arch Angel	-	-	\$8,851	-	-	\$4,442	-	-	\$10	-	-	(\$4,432)
Total Budgetary Resources	-	-	\$14,265	-	-	\$36,099	-	-	\$12,235	-	-	(\$23,864)

Obligations by Program/Project Activity:	FY 2015 Revised Enacted			FY 2016 Enacted			FY 2017 Request			Increase/Decrease		
	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount
Foreign Military Sales	-	-	\$22,364	-	-	\$36,099	-	-	\$12,235	-	-	(\$23,864)
Group San Francisco Watch Berthing Relocation	-	-	\$215	-	-	-	-	-	-	-	-	-
Total Obligations	-	-	\$22,579	-	-	\$36,099	-	-	\$12,235	-	-	(\$23,864)

H. FY 2017 Schedule of Working Capital Fund by Program/Project Activity

N/A

I. Capital Investment and Construction Initiative Listing

FY 2015 - FY 2017 Acquisition, Construction & Improvements			
(Thousands of dollars, budget year dollars)	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request
Vessels	\$824,347	\$1,264,400	\$704,100
Survey and Design - Vessel and Boats	\$500	\$15,000	\$6,500
In-Service Vessel Sustainment	\$49,000	\$68,000	\$79,000
National Security Cutter (NSC)	\$632,847	\$743,400	\$127,000
Offshore Patrol Cutter (OPC)	\$20,000	\$89,000	\$100,000
Fast Response Cutter (FRC)	\$110,000	\$340,000	\$240,000
Cutter Boats	\$4,000	\$3,000	\$4,000
Polar Icebreaker	\$0	\$6,000	\$147,600
Polar Icebreaker Preservation	\$8,000	\$0	\$0
Aircraft	\$184,485	\$295,000	\$201,300
HC-144A Conversion/Sustainment	\$15,000	\$3,000	\$25,500
HC-27J Conversion/Sustainment	\$20,000	\$102,000	\$130,000
HH-65 Conversion/Sustainment Projects	\$30,000	\$40,000	\$25,000
HC-130J Acquisition/Conversion/Sustainment	\$107,485	\$150,000	\$20,800
HH-60 Sundown Aircraft	\$12,000	\$0	\$0
Other	\$62,100	\$65,100	\$59,355
Program Oversight and Management	\$18,000	\$20,000	\$20,000
C4ISR	\$36,300	\$36,600	\$24,300
CG-LIMS	\$7,800	\$8,500	\$7,000
Other Equipment and Systems	\$0	\$0	\$8,055
Shore and ATON	\$46,580	\$202,600	\$51,100
Major Shore, Housing, ATON and S&D	\$19,580	\$124,600	\$18,100
Major Acquisition Systems Infrastructure	\$16,000	\$52,000	\$28,000
Minor Shore	\$5,000	\$5,000	\$5,000
Military Housing	\$6,000	\$21,000	\$0
Personnel and Management	\$112,496	\$118,069	\$120,933
Direct Personnel Costs	\$112,496	\$118,069	\$120,933
Sub Total	\$1,230,008	\$1,945,169	\$1,136,788
Rescission of Prior Year Balances	(\$61,695)	(\$22,245)	\$0
Rescission	(\$1,722)	(\$971)	\$0
TOTAL	\$1,166,591	\$1,921,953	\$1,136,788

Survey and Design - Vessel and Boats

\$6,500

Project Description, Justification and Scope

Funds survey and design work in direct support of the In-Service Vessel Sustainment (ISVS) project. Preliminary survey and design work is essential to properly plan and scope sustainment availabilities, such as Midlife Maintenance Availabilities (MMA), Mission Effectiveness Projects, and Service Life Extension Projects. This request provides funding to support multi-year engineering survey and design efforts in support of projects including CGC HEALY (420-foot Icebreaker), the 175-foot Coastal Buoy Tender (WLM), the 270-foot Medium Endurance Cutter (WMEC), and the polar-class icebreakers. As in-service vessels continue to age, this program conducts detailed condition surveys, along with engineering design work useful in identifying and planning future projects.

HEALY serves as a platform for supporting missions primarily in the Arctic region, including search and rescue, ship escort, environmental protection, enforcement of laws and treaties, and Arctic research. Funds requested will be used to continue assessment of certain systems, including surface search radar, motor generator sets, and the main propulsion control and monitoring system, and to develop a proper course of action.

The 14 175-foot Coastal Buoy Tenders are tasked with maintaining aids to navigation, search and rescue, law enforcement, migrant interdiction, marine safety inspections, environmental protection and natural resources management, and light ice breaking operations. The 175-foot Coastal Buoy Tenders began entering service in 1996 and are approaching the need for MMA. Funds requested will be used to continue

assessment of weight handling equipment, refrigeration systems, main propulsion control and monitoring system, habitability outfitting, and similar systems to assess if sustainment and/or system recapitalization is required.

The 13 270-foot Medium Endurance Cutters are tasked with missions including search and rescue, enforcement of laws and treaties, and migrant interdiction. The 270-foot Medium Endurance Cutters began entering service in 1983, went through a Mission Effectiveness Project from 2005-2014 to address systems that were degrading operational readiness. Funds requested will be used for assessment of the material condition of the hull, mechanical, and electrical systems and subsystems; study and analysis of engineering systems to evaluate suitability for use in sustainment projects; conducting market research for systems and subsystems and assessment of system alternatives.

Heavy icebreakers are capable of performing icebreaking mission support in both Polar Regions. One of Coast Guard's two polar-class icebreakers (POLAR STAR) is operational following a reactivation in 2013 that provided an estimated 7-10 years of useful life. The second (POLAR SEA) is out of service and undergoing a Material Condition Assessment and an Alternatives Analysis to evaluate the feasibility of reactivation. To ensure the Nation is able to maintain heavy icebreaking capability until replacement assets are delivered, the Coast Guard is evaluating extending the service life of one of these icebreakers. Results from the Materiel Condition Assessment and Alternatives Analysis, planned for 2016, will inform selection of the candidate icebreaker. Funds requested

(\$3 million) will support the specification development for the reactivation/sustainment of the selected icebreaker.

Significant Changes

No significant changes.

Project Schedule

<u>Project Description</u>	Dates by Fiscal Year & Quarter				Total
	Design Work		Project Work		Estimated
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	<u>Cost</u>
FY 2016					
Survey and Design	FY16:Q1	FY19: Q4			15,000
FY 2017					
Survey and Design	FY17: Q1	FY19: Q4			6,500

Schedule of Project Funding

	Project Funds				Total
	<u>FY 2014 & Prior</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	
Appropriation	16,827	500	15,000	6,500	38,827
Obligation	13,735	2,500	5,800	6,100	28,135
Expenditure	10,550	3,000	4,140	5,900	23,590
<u>Breakdown of Project Expenditures</u>					
Survey, Design & Engineering	10,550	3,000	4,140	5,900	23,590

Compliance with Public Laws, Regulations, Standards & Executive Orders

This project will be conducted in compliance with the National Environmental Policy Act (NEPA).

In-Service Vessel Sustainment (ISVS)

\$79,000

Project Description, Justification and Scope

The In-Service Vessel Sustainment (ISVS) program performs life-cycle event vessel repair availabilities including Mission Effectiveness Projects (MEP), Mid-Life Maintenance Availabilities (MMA), and Service Life Extension Projects (SLEP) on existing Coast Guard vessels.

FY 2017 funding will complete the final phase of the SLEP on CGC EAGLE; continue SLEP efforts on the 140-foot ice breaking tugs (WTGB); continue MMA efforts on the 225-foot ocean going buoy tender (WLB) fleet; and continue sustainment project work on the 47-foot Motor Life Boat (MLB) fleet.

This program ensures in-service vessels meet their design service life through the recapitalization of hull, mechanical, electrical (HM&E) and electronic systems that have been identified as the highest contributors to maintenance costs and operational availability degradation.

CGC EAGLE (WIX-327): CGC EAGLE, which was built in 1936, last underwent a SLEP in 1983. Engineering surveys indicated EAGLE required a second SLEP to ensure safe and reliable operation. This SLEP is divided into four phases to allow the cutter to meet annual operational commitments. Primary work items identified for the SLEP include: ballast modification, habitability upgrades, and hazardous material remediation.

140-foot Ice Breaking Tugs (WTGBs): The lead ship in this class was placed in service in 1978 and has been in continuous service for 37 years. This sustainment program is the first to be

performed on this fleet. Specific system upgrades and improvements include: propulsion plant; heating, ventilation, and air conditioning (HVAC) systems; installation of an engine room fire suppression system; boat launching davit replacement; and crew habitability improvements to meet current standards. Additionally, an upgraded oily water separator will support compliance with 21st Century environmental regulations.

225-foot Ocean Going Buoy Tenders (WLBs): This class was placed in service in 1996 and was designed to meet a 30-year service life. Achieving that service life is predicated upon a mid-life availability to address obsolescence of select engineering systems. The WLB MMA includes a stability assessment; electrical load analysis; upgrades to the machinery control system, controllable pitch propeller system, and HVAC systems; topside preservation; overhauls of deck equipment and weight handling gear; and crew habitability updates to meet current standards.

47-foot Motor Life Boat (MLB): The fleet of 47-foot MLBs, constructed from 1997 to 2003, was designed for a 25-year service life. Many of the MLB's critical systems have become obsolete and difficult to support. Engineering evaluations identified the propulsion system (engines, reduction gears, and the integrated control system) and a variety of mission-specific equipment, including the tow reel and survivor compartment components, as requiring recapitalization. Repairs and updates to these systems and components will be performed to prevent loss of operational readiness and to stabilize maintenance costs.

FY 2015 Key Events

- Completed first 140-foot WTGB SLEP, began work on the second and third;
- Completed Phase 1 of EAGLE SLEP, began production work on Phase 2;
- Began production work on the first 225-foot WLB;
- Continued engineering work on the 47-foot MLB sustainment project.

FY 2016 Planned Key Events

- Continue production work on the second and third 140-foot WTGB SLEP and begin the fourth;
- Complete Phase 2 of EAGLE SLEP, begin production work on Phase 3;
- Complete production work on the first 225-foot WLB and begin the second;
- Continue engineering work, and begin pre-production efforts on the 47-foot MLB.

FY 2017 Planned Key Events

- Continue production work on the fourth and fifth 140-foot WTGB SLEP and begin the sixth;
- Complete Phase 3 of EAGLE SLEP, begin production work on Phase 4;
- Continue production work on the second and third 225-foot WLB and procure materials for the fourth;
- Continue pre-production efforts on the 47-foot MLB.

Funding History¹

<i>FY</i>	<i>\$K</i>	<i>Major Activity Associated with Appropriated Funding</i>
2012	\$15,400	140' WTGB SLEP
2013	\$0	
2014	\$21,000	140' WTGB SLEP, 225' WLB Mid-Life, EAGLE SLEP Phase 1
2015	\$49,000	140' WTGB SLEP, EAGLE SLEP Phase 2, Continue 225' WLB Mid-Life, begin engineering work for 47-foot MLB sustainment project
2016	\$68,000	140' WTGB SLEP, EAGLE SLEP Phase 3, Continue 225' WLB Mid-Life, continue engineering work for 47-foot MLB sustainment project
<i>Total</i>	<i>\$153,400</i>	<i>Funding received for FY 2012 through FY 2016</i>

Contract Information:

N/A. Work is done primarily at the Coast Guard Yard.

Significant Changes

No significant changes.

¹ Table reflects net funding, appropriations received (+/-) reprogrammings and less rescissions.

Project Schedule

<u>Project Description</u>	Dates by Fiscal Year & Quarter				Total
	Design Work		Project Work		Estimated
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	<u>Cost</u>
FY 2016					
140' WTGB SLEP			FY14:Q4	FY19:Q3	28,000
EAGLE SLEP			FY14:Q4	FY17:Q4	7,000
225' WLB Mid-Life			FY15:Q4	FY26:Q4	29,000
47' MLB Sustainment Project			FY15:Q4	FY26:Q4	4,000
FY 2017					
140' WTGB SLEP			FY14:Q4	FY19:Q3	32,000
EAGLE SLEP			FY14:Q4	FY17:Q4	7,000
225' WLB Mid-Life			FY15:Q4	FY26:Q4	36,000
47' MLB Sustainment Project			FY15:Q4	FY26:Q4	4,000

Schedule of Project Funding

	Project Funds				
	<u>FY 2014 & Prior</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>Total</u>
Appropriation	36,400	49,000	68,000	79,000	232,400
Obligation	26,538	53,349	71,589	62,436	213,912
Expenditure	6,542	30,872	16,297	30,479	84,190
<u>Breakdown of Project Expenditures</u>					
Construction / Acquisition	6,542	30,872	16,297	30,479	84,190

Compliance with Public Laws, Regulations, Standards & Executive Orders

This project is being conducted in compliance with the National Environmental Policy Act (NEPA).

National Security Cutter (NSC)

\$127,000

Project Description, Justification and Scope

This funding provides \$127.0 million for Post Delivery Activities (PDA) for the fourth through eighth NSCs and for program-wide activities including Test and Evaluation, program execution and close-out support; and the development and installation of sUAS capability on one NSC.

These Legend Class Cutters are replacing the legacy High Endurance Cutters (HEC), built between 1967 and 1972. Compared to HECs, the NSCs provide increased endurance, intelligence, and maritime domain awareness capability in the offshore environment. The NSC, along with the Offshore Patrol Cutter (OPC), will comprise the Coast Guard's offshore response capability for the next 40 years, and is an essential element of DHS's layered security posture. NSC missions are primarily focused on drug interdiction, fisheries enforcement and defense readiness. NSCs also perform search and rescue, ports, waterways and coastal security, migrant interdiction; and serve as mobile command and control platforms for surge operations. Completion of the NSC program will improve long-term capacity and capability in the execution of long-range and extended Coast Guard mission assignments offshore and integrate operations with the Department of Defense. Funding for NSC's 4-8 Post Delivery Activities will support items necessary to make these cutters ready for operations. Funding for program wide activities to include: Follow-on Test and Evaluation; program close out to ensure an adequate and complete basis of technical and logistical material and information for full transition to sustainment; and program and technical support.

Funding for Small Unmanned Aircraft Systems (sUAS) will be used to establish sUAS capability aboard one NSC, to include engineering analysis, non-recurring engineering, procurement and installation of sUAS components, and system testing and certification.

FY 2015 Key Events

- Keel laid on NSC-6.
- Delivered NSC-5.
- Christened & Launched NSC-6.
- Started Fabrication (formal recognition of first 100 tons constructed) of NSC-7.
- Awarded Segment 2 LLTM and Production contract for NSC-8.

FY 2016 Planned Key Events

- Keel laying for NSC-7.
- Acceptance Trials for NSC-6.
- Start Fabrication of NSC-8.
- Award Structural Enhancement Drydock Availability (SEDA) contract for first NSC.
- Complete installation and test of sUAS on the first NSC.
- Award NSC-9 LLTM.

FY 2017 Planned Key Events

- Deliver NSC-6.
- Christening & Launch of NSC-7.
- Keel laying for NSC-8.
- Award SEDA contract option for second NSC.
- Installation of sUAS components on the second NSC.
- Award NSC-9 Production.

Funding History²

<i>FY</i>	<i>\$K</i>	<i>Major Activity Associated with Appropriated Funding</i>
2012 & Prior	\$3,100,792	NSC 1-5 Production; NSC-6 Segment 1 LLTM
2013	\$538,652	NSC-6 Segment 2 LLTM & Production
	\$17,838	NSC-4 PDA
	\$77,000	NSC-7 Segment 1 LLTM
2014	\$535,562	NSC-7 Segment 2 LLTM & Production
	\$77,000	NSC-8 Segment 1 LLTM
2015	\$545,547	NSC-8 Segment 2 LLTM and Production
	\$61,000	NSCs 4-8 PDA
	\$20,000	SEDA
	\$6,300	sUAS A-Kit on first NSC
2016	\$725,400	NSCs 5-8 PDA, NSC-9 LLTM & Production
	\$18,000	SEDA
<i>Total</i>	<i>\$5,723,091</i>	<i>Funding received for FY 2002 through FY 2016</i>

Contract Information

<i>Contract Number</i>	<i>Contractor</i>	<i>Type</i>	<i>Award Date (mo/yr)</i>	<i>Start Date (mo/yr)</i>	<i>End Date (mo/yr)</i>	<i>EVM in Contract</i>	<i>Total Value</i>
HSCG23-08-J-2DB031 (NSC-4 LLTM)	Integrated Coast Guard Systems (ICGS)	Firm Fixed Price (FFP)	3/26/2008	3/26/2008	9/15/2014	No	100,071
HSCG23-11-C-2DB043 (NSC-4 Production)	Huntington Ingalls Industries (HII)	Fixed Price Incentive Fee (FPIF)	11/29/2010	11/29/2010	9/14/2015	Yes	513,742
HSCG23-11-C-2DB043 (NSC-5 LLTM)	Huntington Ingalls Industries (HII)	FFP	1/14/2011	1/14/2011	6/5/2015	No	88,409
HSCG23-11-C-2DB043 (NSC-5 Production)	Huntington Ingalls Industries (HII)	FPIF	9/9/2011	9/9/2011	6/4/2016	Yes	524,267
HSCG23-11-C-2DB043 (NSC-6 LLTM)	Huntington Ingalls Industries (HII)	FFP	3/30/2012	3/30/2012	12/9/2016	No	87,280

² Table reflects net funding, appropriations received (+/-) reprogrammings and less rescissions.

<i>Contract Number</i>	<i>Contractor</i>	<i>Type</i>	<i>Award Date (mo/yr)</i>	<i>Start Date (mo/yr)</i>	<i>End Date (mo/yr)</i>	<i>EVM in Contract</i>	<i>Total Value</i>
HSCG23-13-C-ADB014 (NSC-6 Production)	Huntington Ingalls Industries (HII)	FPIF	4/30/2013	4/30/2013	12/8/2017	Yes	517,135
HSCG23-13-C-ADB014 (NSC-7 LLTM)	Huntington Ingalls Industries (HII)	FFP	6/14/2013	6/14/2013	10/31/2017	No	85,667
HSCG23-13-C-ADB014 (NSC-7 Production)	Huntington Ingalls Industries (HII)	FFIP	3/30/2014	3/30/2014	2/15/2019	Yes	532,113
HSCG23-13-C-ADB014 (NSC-8 LLTM)	Huntington Ingalls Industries (HII)	FFP	6/30/2014	6/30/2014	11/29/2018	No	88,493
HSCG23-13-C-ADB014 (NSC-8 Production)	Huntington Ingalls Industries (HII)	FFIP	3/31/2015	3/31/2015	2/21/2020	Yes	539,171

Subcontractors: Lockheed Martin Maritime System and Sensors (LMMS2), Moorestown, NJ

Significant Changes

The FY16 appropriation for the NSC program included funding for LLTM and Production of an additional NSC (NSC-9). Additional funding for Post-Delivery Activities, program support, and testing will be required in the future to deploy the additional NSC.

Compliance with Public Laws, Regulations, Standards & Executive Orders

This project is being conducted in compliance with the National Environmental Policy Act (NEPA)

Project Schedule

<u>Project Description</u>	<u>Dates by Fiscal Year & Quarter</u>				<u>Total</u>
	<u>Design Work</u>		<u>Project Work</u>		<u>Estimated</u>
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	<u>Cost</u>
FY 2016					
Structural Enhancement Drydock Availability	FY07:Q1	FY13:Q1	FY15:Q2	FY18:Q2	18,000
NSC Class Insurance Spares	FY02:Q4	FY04:Q1	FY16:Q1	FY17:Q4	10,000
NSC 5 PDA	FY02:Q4	FY04:Q1	FY11:Q4	FY17:Q3	13,335
NSC 6 PDA	FY02:Q4	FY04:Q1	FY13:Q2	FY19:Q1	41,010
NSC 7 PDA	FY02:Q4	FY04:Q1	FY14:Q2	FY21:Q4	6,643
NSC 8 PDA	FY02:Q4	FY04:Q1	FY15:Q2	FY21:Q4	2,412
sUAS	FY15:Q3	FY16:Q4	FY16:Q2	FY18:Q2	12,000
NSC 9 LLTM	FY02:Q4	FY04:Q1	FY16:Q1	FY20:Q4	94,000
NSC 9 Production	FY02:Q4	FY04:Q1	FY16:Q1	FY21:Q1	546,000
FY 2017					
NSC 4 PDA	FY02:Q4	FY04:Q1	FY16:Q1	FY17:Q4	2,096
NSC 5 PDA	FY02:Q4	FY04:Q1	FY11:Q4	FY17:Q3	4,490
NSC 6 PDA	FY02:Q4	FY04:Q1	FY13:Q2	FY19:Q1	19,057
NSC 7 PDA	FY02:Q4	FY04:Q1	FY14:Q2	FY21:Q4	58,520
NSC 8 PDA	FY02:Q4	FY04:Q1	FY15:Q2	FY21:Q4	14,204
Close-out/FOT&E/Prog. Support	FY02:Q4	FY04:Q1	FY17:Q1	FY21:Q4	22,633
sUAS	FY15:Q3	FY16:Q4	FY17:Q3	FY18:Q2	6,000

Schedule of Project Funding

	<u>Project Funds</u>				<u>Total</u>
	<u>FY 2014 & Prior</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	
Appropriation	4,346,844	632,847	743,400	127,000	5,850,091
Obligation	4,224,657	561,003	249,896	702,192	5,737,748
Expenditure	2,915,695	579,613	477,331	494,664	4,467,303
<u>Breakdown of Project Expenditures</u>					
Construction / Acquisition	2,915,695	579,613	477,331	494,664	4,467,303

Offshore Patrol Cutter (OPC)

\$100,000

Project Description, Justification and Scope

This funding will support technical review of Detail Design (DD) deliverables and subsequent procurement of Long Lead Time Materials (LLTM). Funding also provides technical support for the development of C4ISR and Combat System requirements, creation of Government Furnished Information that will inform and support production, detailed manpower analyses for crew and shore support, evaluation of DD contractor accounting and Earned Value Management systems, Test and Evaluation planning, required antecedent liability (A/L) and updates to acquisition documents.

The OPC acquisition will bridge the capability gap between the National Security Cutter (NSC) and Fast Response Cutter (FRC), and will replace the Coast Guard’s fleet of Medium Endurance Cutters (WMECs) – one class (210 WMEC) has exceeded its design service life and the other (270 WMEC) is approaching its end of service life. The OPC program consists of a two-phase acquisition strategy. Phase I (Preliminary and

Contract Design (P&CD)) was awarded to three contractors in FY14. Phase II is comprised of follow-on options for Detail Design and Construction for one of the three P&CD contractors down-selected from Phase I.

FY 2015 Key Event

- Evaluated P&CD contract deliverables.

FY 2016 Planned Key Events

- Complete Phase I P&CD contract;
- Receive Technical, Management, and Price Proposals and conduct source selection;
- Award Detail Design.

FY 2017 Planned Key Events

- Procure Long Lead Time Material for OPC-1;
- Conduct Initial Critical Design Review;
- Conduct Early Operational Assessment;
- Commence Developmental Test and Evaluation.

Funding History¹

<i>FY</i>	<i>\$K</i>	<i>Major Activity Associated with Appropriated Funding</i>
2012 & Prior	\$109,959	Project Management Office (PMO) support/Ship Design Team (SDT) and RFP development, & supported award and evaluation of P&CD
2013	\$28,535	P&CD Award
2014	\$16,500	PMO/SDT/TA deliverables review during P&CD
2015	\$20,000	PMO/SDT/TA deliverables review during P&CD
2016	\$89,000	P&CD proposal evaluation, source selection and award of Detail Design.

¹ Table reflects net funding, appropriations received (+/-) reprogrammings and less rescissions.

<i>FY</i>	<i>\$K</i>	<i>Major Activity Associated with Appropriated Funding</i>
<i>Total</i>	<i>\$263,994</i>	<i>Funding received for FY 2004 through FY 2016</i>

Contract Information:

Contractor	Contract Number	Amount Awarded	Date of Award	Type of work
Bollinger Shipyards Lockport, LLC	HSCG23-14-C-APC001	\$21.95M	11 Feb 2014	Preliminary & Contract Design
Eastern Shipbuilding Group, Inc.	HSCG23-14-C-APC002	\$21.975M	11 Feb 2014	Preliminary & Contract Design
General Dynamics Bath Iron Works	HSCG23-14-C-APC003	\$21.4M	11 Feb 2014	Preliminary & Contract Design

Significant Changes

No significant changes.

Project Schedule

<u>Project Description</u>	Dates by Fiscal Year & Quarter				Total Estimated Cost
	Design Work		Project Work		
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	
FY 2016					
Technical and Project Management			FY16:Q1	FY16:Q4	4,685
Design/Development	FY16:Q1	FY21:Q3			84,315
FY 2017					
Technical and Project Management			FY17: Q1	FY17: Q4	28,500
OPC-1 Long Lead Time Material			FY17: Q1	FY17: Q4	71,500

Schedule of Project Funding

	Project Funds				
	<u>FY 2014 & Prior</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>Total</u>
Appropriation	154,994	20,000	89,000	100,000	363,994
Obligation	142,216	12,649	91,394	114,021	360,280
Expenditure	72,133	55,568	20,746	35,502	183,949
<u>Breakdown of Project Expenditures</u>					
Construction / Acquisition	72,133	55,568	20,746	35,502	183,949

Compliance with Public Laws, Regulations, Standards & Executive Orders

This project is being conducted in compliance with the National Environmental Policy Act (NEPA).

Fast Response Cutter (FRC)

\$240,000

Project Description, Justification and Scope

Fully funds production of four Fast Response Cutters (FRC), associated contract line items, project management costs, Economic Price Adjustment (EPA), Antecedent Liabilities (A/L), Post Delivery Activities (PDA), Government Furnished Equipment (GFE), and Logistics and Technical Support. The funding supports the first option under the Phase II re-compete FRC production contract using Re-procurement Data Licensing Package (RDLP) deliverables. The Phase II contract is structured with annual options for procurement of four, five, or six cutters.

The FRCs are replacing the 110-foot Island Class patrol boats and will similarly operate in the coastal zone. Examples of FRC missions include: Search and Rescue, Migrant Interdiction, Living Marine Resource Enforcement, Drug Interdiction and Ports, Waterways and Coastal Security. FRCs provide enhanced capabilities over the 110-foot patrol boats including improved C4ISR capability and interoperability; stern launch and recovery (up through sea state 4) of a 40-knot, Over-the-Horizon, 7-meter cutter boat; a remotely-operated, gyro-stabilized MK38 Mod 2 25mm main gun; improved sea keeping; and enhanced crew habitability.

Other capabilities include:

- The ability to conduct shipboard migrant interdiction evolutions, including detection, tracking, interdiction, embarkation and disembarkation, administrative processing, and retention onboard;

- The ability to patrol areas where suspected illegal migrant, drug, or fisheries activities may occur, and dispatch boarding teams to suspect vessels and subsequently escort them to their final disposition;
- The ability to search for, locate, and recover distressed mariners, provide medical assistance or evacuation, and provide safe transport. The FRC will also provide the ability to control damage to distressed vessels and other property, provide dewatering equipment and mechanical assistance, and tow disabled vessels.

FY 2015 Key Events

- Delivered FRCs #11-14;
- Awarded Phase I Option Seven for FRCs #31-32;
- Commenced Final Operational Test and Evaluation (FOT&E);
- Released Request for Proposals (RFP) for Phase II re-compete FRC production contract.

FY 2016 Planned Key Events

- Delivery of FRCs #15-19;
- Award Phase II re-compete FRC production contract, including FRCs #33-38.

FY 2017 Planned Key Events

- Delivery of FRCs #20-25;
- Award Option 1 under the Phase II contract, including FRCs #39-42.

Funding History¹

<i>FY</i>	<i>\$K</i>	<i>Major Activity Associated with Appropriated Funding</i>
2012 & Prior	\$1,059,590	Base contract option, option periods 2 - 4, plus associated CLINs, (includes DeKort Settlement)
2013	\$311,926	Option period 5 plus associated CLINs
2014	\$302,295	Option period 6 plus associated CLINs
2015	\$110,000	Option period 7 plus associated CLINs
2016	\$340,000	Phase II Base contract option plus associated CLINs
<i>Total</i>	<i>\$2,123,811</i>	<i>Funding received for FY 2005 through FY 2016</i>

Contract Information

<i>Contract Number</i>	<i>Contractor</i>	<i>Type</i>	<i>Award Date (mo/yr)</i>	<i>Start Date (mo/yr)</i>	<i>EVM in Contract</i>	<i>Total Value (\$000s)</i>
HSCG23-08-C-2FR125 (Phase I)	Bollinger Shipyards, Inc.	Firm Fixed Price – Economic Price Adjustment (FFP-EPA)	9/26/2008	9/26/2008	No	\$1,484,090

Significant Changes

No significant changes.

Project Schedule

<u>Project Description</u>	Dates by Fiscal Year & Quarter				Total
	Design Work		Project Work		Estimated
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	<u>Cost</u>
FY 2016 Construction			FY16:Q3	FY19:Q3	340,000
FY 2017 Construction			FY17:Q3	FY20:Q3	240,000

¹ Table reflects net funding, appropriations received (+/-) reprogrammings and less rescissions.

Schedule of Project Funding

	Project Funds				Total
	<u>FY 2014 & Prior</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	
Appropriation	1,673,811	110,000	340,000	240,000	2,363,811
Obligation	1,501,319	106,373	345,478	247,491	2,200,661
Expenditure	841,510	231,023	256,097	301,826	1,630,456
<hr/>					
<u>Breakdown of Project Expenditures</u>					
Construction / Acquisition	841,510	231,023	256,097	301,826	1,630,456

Compliance with Public Laws, Regulations, Standards & Executive Orders

This project is being completed in compliance with the National Environmental Policy Act (NEPA).

Cutter Boats

\$4,000

Project Description, Justification and Scope

This request continues funding for production of multi-mission cutter boats – LRI (Long Range Interceptor) and OTH (Over The Horizon) – that will be fielded on the National Security Cutter. This request funds production of one Cutter Boat Long Range Interceptor II (CB-LRI-II), and two CB-OTH-IVs, along with project and technical support.

The CB-LRI-II is a 35-foot cutter boat. The CB-LRI-II provides enhanced capabilities compared to legacy cutter boats such as higher speeds, extended range, better sea-keeping, an enclosed cabin for crew protection, and greatly improved communications and connectivity to the parent cutter.

The CB-OTH-IV is a 26-foot cutter boat. The CB-OTH-IV also provides enhanced capabilities compared to legacy cutter boats.

The CB-OTH-IV operates beyond sight of the parent cutter (over the horizon) to deploy boarding parties to pursue and interdict targets of interest, and perform Search and Rescue (SAR) operations.

FY 2015 Key Events

- Ordered CB-OTH-IV #12-13 & CB-LRI-II #7
- Delivered CB-OTH-IV #10-11; CB-LRI-II #4-6

FY 2016 Planned Key Events

- Order CB-OTH-IV #14-15 & CB-LRI-II #8
- Deliver CB-OTH-IV #12-13; CB-LRI-II #7

FY 2017 Planned Key Events

- Order CB-OTH-IV # 16-17 & CB-LRI-II #9
- Deliver CB-OTH-IV #14-15; CB-LRI-II #8

Funding History¹

<i>FY</i>	<i>\$K</i>	<i>Major Activity Funded by Net Appropriation</i>
2012 & Prior	\$24,680	Design/Construction of SRP #1-8, Design, Engineering, & Spec. Development of CB-OTH-IV & CB-LRI-II; Construction of CB-OTH-IV #1-2
2013	\$3,805	Construction CB-OTH-IV #8-9 and CB-LRI-II #4-5
2014	\$3,000	Construction CB-OTH-IV #10-11 and CB-LRI-II #6
2015	\$4,000	Construction CB-OTH-IV #12-13 and CB-LRI-II #7
2016	\$3,000	Construction CB-OTH-IV #14-15 and CB-LRI-II #8
<i>Total</i>	<i>\$38,484</i>	<i>Funding received for FY 2002 through FY 2016</i>

¹ Table reflects net funding, appropriations received (+/-) reprogrammings and less rescissions.

Contract Information

<i>Contract Number</i>	<i>Contractor</i>	<i>Type</i>	<i>Award (mm/yr)</i>	<i>Start (mo/yr)</i>	<i>End (mo/yr)</i>	<i>EVM in Contract</i>	<i>Total Value</i>
HSCG23-11-D-ACB014 (OTH-IV)	SAFE Boat Int'l, Inc.	Indefinite Delivery Indefinite Quantity/Firm Fixed Price(IDIQ/FFP)	Jun-11	Sep-11	Jun-18	No	58,900
HSCG23-12-D-ACB023 (LRI-II)	MetalCraft Marine, Inc.	IDIQ/FFP	Jun-12	Jun-12	Jun-17	No	10,200

Significant Changes

No significant changes.

Project Schedule

<u>Project Description</u>	Dates by Fiscal Year & Quarter				Total Estimated Cost
	Design Work		Project Work		
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	
FY 2016					
CB-OTH-IV #14-15 (Production boats #13-14)			FY16:Q2	FY17:Q1	950
LRI-II #8 (Production boat #7)			FY16:Q3	FY17:Q2	1,000
Logistics, Engineering, Tech, & PM Support			FY16:Q1	FY17:Q4	1,050
FY 2017					
CB-OTH-IV #16-17 (Production boats #15-16)			FY17:Q3	FY18:Q1	950
LRI-II #9 (Production boat #8)			FY17:Q3	FY18:Q2	1,000
Logistics, Engineering, Tech, & PM Support			FY17:Q1	FY18:Q4	1,050
Engineering updates/changes			FY17:Q2	FY18:Q2	1,000

Schedule of Project Funding

	Project Funds				<u>Total</u>
	<u>FY 2014 & Prior</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	
Appropriation	31,485	4,000	3,000	4,000	42,485
Obligation	27,722	1,702	5,470	4,980	39,874
Expenditure	22,992	5,001	2,179	2,621	32,793
<hr/>					
<u>Breakdown of Project Expenditures</u>					
Construction / Acquisition	22,992	5,001	2,179	2,621	32,793

Compliance with Public Laws, Regulations, Standards & Executive Orders

This project is being conducted in compliance with the National Environmental Policy Act (NEPA).

Polar Icebreaker

\$147,600

Project Description, Justification and Scope

Funds completion of programmatic planning documents and award of a contract for Detail Design and all other design activities leading to commencement of production activities for a heavy polar-class icebreaker by 2020. To maintain an accelerated acquisition schedule, the 2017 request forward funds acquisition activities to occur through 2019. The availability of these funds will give Coast Guard maximum flexibility to implement an optimal acquisition approach.

Polar Icebreakers support the Nation's economic and national security interests in the Arctic, as expressed in the Administration's National Strategy for the Arctic Region. Polar icebreakers also support the evolving strategic goals of the Department of Homeland Security (DHS) and Coast Guard, including securing and monitoring our borders, strengthening resilience, protecting natural resources in the Arctic and fulfilling international commitments for emergency response in the Arctic. Additionally, polar icebreakers support U.S. activities in Antarctica led by the National Science Foundation.

The goals and objectives of this acquisition are to maintain the Nation's heavy icebreaking capability to provide assured access to the Polar Regions. The program will accomplish this through an efficient, timely, and cost-effective acquisition that optimizes operational effectiveness and minimizes life-cycle costs.

Activities in FY 2017 will focus on completion of programmatic planning documents and issue of the Request for Proposal (RFP) for Detail Design. In addition to this funding, \$2.4 million requested under the AC&I Personnel and Management PPA will

be used to supplement/support the Program Management Office for the polar icebreaker project.

FY 2015 Key Events

- Approved Preliminary Operational Requirements Document (P-ORD);
- Developed Operational Requirements Document (ORD);
- Drafted Alternatives Analysis;
- Commenced development of initial Life-cycle Cost Estimate;
- Conducted Feasibility Studies.

FY 2016 Planned Key Events

- Complete Operational Requirements Document and Acquisition Plan;
- Commence development of RFP;
- Continue Feasibility Studies;
- Commence Indicative Design(s);
- Finalize and complete the Alternatives Analysis;
- Continue support for industry engagement and international collaboration;
- Commence National Environmental Policy Act (NEPA) Activities.

FY 2017 Planned Key Events

- Complete Feasibility Studies and Specification for RFP;
- Complete Indicative Design(s);
- Complete acquisition documents for Acquisition Decision Event 2A/2B;

- Achieve Acquisition Decision Event 2A/2B;
- Complete Draft NEPA Study;
- Release RFP ;
- Preparations for award of Detail Design.

Funding History¹

<i>FY</i>	<i>\$K</i>	<i>Major Activity Associated with Appropriated Funding</i>
2013	\$7,609	Pre-acquisition development activities
2014	\$2,000	Pre-acquisition development activities
2015	\$0	Pre-acquisition development activities supported by carryover
2016	\$6,000	Pre-acquisition development activities
<i>Total</i>	<i>\$15,609</i>	<i>Funding received for FY 2013 through FY 2016</i>

Contract Information: N/A.

Significant Changes

On September 2, 2015 the President announced a proposal to accelerate the construction of a new heavy icebreaker and begin planning for additional icebreakers.

Consistent with the President’s intent, the Coast Guard is requesting the maximum executable level of funding. This funding will facilitate unimpeded progress through completion of detail design activities, and will ensure commencement of production activities by 2020.

¹ Table reflects net funding, appropriations received (+/-) reprogrammings and less rescissions.

Project Schedule

<u>Project Description</u>	Dates by Fiscal Year & Quarter				Total Estimate Cost
	Design Work		Project Work		
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	
FY 2016					
Project Management and Technical	FY14:Q1	FY16:Q4			500
Survey Design and Engineering	FY15:Q1	FY16:Q4			3,500
Acquisition Management Support	FY16:Q2	FY16:Q4			2,000
FY 2017					
Survey Design and Engineering			FY17:Q1	FY21:Q4	20,000
Program Management and Technical			FY17:Q1	FY21:Q4	17,600
Acquisition Management Support			FY17:Q1	FY21:Q4	20,000
Preliminary and Detail Design	FY18:Q3	FY23:Q2			90,000

Schedule of Project Funding

	Project Funds				
	<u>FY 2014 & Prior</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>Total</u>
Appropriation	9,609		6,000	147,600	163,209
Obligation	2,801	3,045	6,723	25,000	37,569
Expenditure	709	1,603	3,086	16,316	21,714
<u>Breakdown of Project Expenditures</u>					
Construction / Acquisition	709	1,603	3,086	16,316	21,714

Compliance with Public Laws, Regulations, Standards & Executive Orders

This project is being completed in compliance with the National Environmental Policy Act (NEPA).

HC-144A Conversion, Sustainment

\$25,500

Project Description, Justification and Scope

This request begins the retrofit of the legacy Mission System and associated sensors with the Coast Guard variant of U.S. Navy Minotaur mission system. The upgrade will improve system performance, address obsolescence issues, and increase compatibility with CBP mission systems through conversion to the DHS program of record mission system processor. The HC-144 aircraft are stationed at Mobile, Alabama; Miami, Florida; Cape Cod, Massachusetts; and Corpus Christi, Texas.

The HC-144 Ocean Sentry is a medium-range surveillance (MRS) and transport fixed-wing air capability; complementing the long-range, heavy-lift four-engine HC-130 aircraft. The two-engine high-efficiency turboprop design allows extended surveillance and quick response capability at a relatively low cost per flight hour. The HC-144 is a multi-mission platform that performs Search and Rescue; Law Enforcement; Homeland Security; Marine Environmental Protection; and International Ice Patrol missions, as well as assistance with cargo and personnel transport. The aircraft can perform aerial delivery of Search and Rescue equipment, such as rafts, pumps,

and flares, and, can be used as an On-Scene Commander platform.

FY 2015 Key Events

- Procured initial spare parts and training devices;
- Continued development and testing of Minotaur mission system processor;
- Begin simulator operations at ATC Mobile;
- Completed HC-144A Ocean Sentry Refresh installation and test flights to address obsolescence in the Flight Management System.

FY 2016 Planned Key Events

- Conduct Test and Evaluation of the Minotaur mission system processor;
- Continue procurement of initial spare parts.

FY 2017 Planned Key Events

- Procure and begin retrofit of the HC-144A fleet with the Minotaur mission system.

Funding History¹

<i>FY</i>	<i>\$K</i>	<i>Major Activity Funded by Net Appropriation</i>
2012 & Prior	\$989,913	Procure MPA #16 - #17; Up to five MSPs; Initial Spares
2013	\$43,115	Procure MPA #18; Missionize MPA #18; Initial Spares
2014	\$9,200	Follow-on mission system development and missionize MPA #18
2015	\$15,000	Initial Spares
2016	\$3,000	Initial Spares

¹ Table reflects net funding, appropriations received (+/-) reprogrammings and less rescissions.

<i>FY</i>	<i>\$K</i>	<i>Major Activity Funded by Net Appropriation</i>
<i>Total</i>	<i>\$1,060,228</i>	<i>Funding received for FY 2002 through FY 2016</i>

Contract Information

<i>Contract Number</i>	<i>Contractor</i>	<i>Type</i>	<i>Award Date (mo/yr)</i>	<i>Start Date (mo/yr)</i>	<i>End Date (mo/yr)</i>	<i>EVM in Contract</i>	<i>Total Value (\$M)</i>
DTCG23-02-C-2DW001/ HSCG23-09-J-2DA005	Integrated Coast Guard Systems (ICGS)	FFP	5/31/2003	5/31/2003	1/31/2008	No	167.253
HSCG23-10-C-2DA020	EADS-NA Aircraft	FFP	7/29/2010	7/29/2010	5/31/2015	No	199.029
HSCG23-12-C-2DA019	Lockheed Martin	FFP	9/28/2012	9/28/2012	8/29/2016	No	19.657
HSCG23-14-R-2DA005	EADS-NA Spares	FFP	4/30/2013	5/01/2013	5/01/2018	No	58.403

Contractors:

USN (NAVAIR) is the system developer for the Coast Guard variant of the USN Minotaur mission system processor.

Subcontractors:

Airframe: Airbus Military CN235-300M CG-01 Configuration (Madrid, Spain)

Avionics: Rockwell Collins (Cedar Rapids, IA)

Power Plant: General Electric CT7-9C3 engine (Lynn, MA)

Propulsion: Hamilton Sundstrand 14RF-37 (Windsor Locks, CT)

Sensors: Telephonics APS-143V3 Multi-Mode RADAR (Farmingdale, NY)

FLIR Systems Star Sapphire III (Portland, OR)

Saab R4A Automatic Identification System (Stockholm, Sweden)

Mission System: Lockheed Martin (Moorestown, NJ)

Communications: Wulfsberg RT-5000 (Prescott, AZ)

Significant Changes

No significant changes.

Project Schedule

<u>Project Description</u>	Dates by Fiscal Year & Quarter				Total
	Design Work		Project Work		Estimated
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	<u>Cost</u>
FY 2016					
Spares			FY16:Q1	FY16:Q4	3,000
<hr/>					
FY 2017					
Minotaur Mission System			FY17:Q1	FY20:Q4	25,500

Schedule of Project Funding

	Project Funds				Total
	<u>FY 2014 & Prior</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	
Appropriation	1,042,228	15,000	3,000	25,500	1,085,728
Obligation	1,034,078	18,792	5,774	25,717	1,084,361
Expenditure	989,150	41,029	8,547	9,261	1,047,987
<hr/>					
<u>Breakdown of Project Expenditures</u>					
Construction / Acquisition	989,150	41,029	8,547	9,261	1,047,987

Compliance with Public Laws, Regulations, Standards & Executive Orders

This project is being conducted in compliance with the National Environmental Policy Act (NEPA).

HC-27J Conversion, Sustainment

\$130,000

Project Description, Justification and Scope

This request funds the requirements to induct, deploy and establish logistics for newly acquired C-27J aircraft. Activities include C-27J Asset Project Office (APO) activities and support, logistics (including initial spares and equipment), training and aircraft re-generation at Davis Monthan AFB. This request also funds missionization of two C-27J aircraft (prototype and validation/verification aircraft). Missionization activities include Non-Recurring Engineering (NRE), testing, mission system laboratory and trainer modifications, and mission systems logistics.

The HC-27J is one of the Coast Guard's medium-range surveillance (MRS) aircraft. The engines and propellers also share commonality with Coast Guard's long-range HC-130J aircraft. The two-engine high-efficiency turboprop design allows extended surveillance and quick response capability at a relatively low cost per flight hour. Once missionized, the HC-27J will be a multi-mission asset that performs Search and Rescue; Alien Migrant Interdiction Operations; Counter-Drug; Ports, Waterways, and Coastal Security; Ice Operations; and Marine Environmental Protection missions, as well as cargo and personnel transport in support of DHS and Coast Guard missions.

FY 2015 Key Events:

- Continued APO operations;
- Continued Contractor Logistics Support;
- Continued airworthiness efforts coordinated with NAVAIR;
- Continued aircraft regeneration and induction;
- Continued procurement of logistics (initial issue spare parts, documentation, training, support equipment).

FY 2016 Planned Key Events:

- Continue APO operations;
- Continue Contractor Logistics Support;
- Continue airworthiness efforts coordinated with NAVAIR;
- Continue aircraft regeneration and induction;
- Continue procurement of logistics (initial issue spare parts, documentation, training);
- Begin Non-Recurring Engineering (NRE) for aircraft missionization;
- Stand-up at first operational air station.

FY 2017 Planned Key Events:

- Continue APO operations
- Continue aircraft regeneration and induction
- Continue procurement of logistics (including mission systems)
- Continue NRE for aircraft missionization (including testing)
- Commence missionization of two aircraft
- Continue stand-up at first operational air station

Funding History¹

<i>FY</i>	<i>\$K</i>	<i>Major Activity Funded by Net Appropriation²</i>
2014	\$24,900	Stand-up of Asset Project Office
2015	\$20,000	Spares, aircraft regeneration; NAVAIR airworthiness efforts coordination
2016	\$102,000	Logistics, spares, missionization NRE
<i>Total</i>	<i>\$146,900</i>	<i>Funding received for FY 2014 through FY 2016</i>

Contract Information:

<i>Contract Number</i>	<i>Contractor</i>	<i>Type</i>	<i>Award Date (mo/yr)</i>	<i>Start Date (mo/yr)</i>	<i>End Date (mo/yr)</i>	<i>EVM in Contract</i>	<i>Total Value (\$M)</i>
HSCG23-14-X-AMJ010	Lockheed Martin	FFP	8/14	8/14	8/15	No	\$3.058
HSCG23-15-X-000001	Vector	FFP	12/14	12/14	6/16	No	\$2.305
HSCG23-15-P-N50013	Rolls Royce Corporation	FFP	12/14	12/14	12/16	No	\$5.645
HSCG23-15-C-AMJ002	Alenia North America	FFP	2/15	2/15	2/16	No	\$.950
HSCG23-15-P-AMJ001	Rolls Royce Corporation	FFP	5/15	5/15	5/16	No	\$.727
HSCG23-15-C-AMJ015	Alenia North America	FFP	6/15	7/15	7/18	No	\$2.231

Contractors:

Alenia is airframe OEM (Turin, Italy)

Subcontractors:

Power Plant: Rolls Royce Corporation (Indianapolis, IN)
 Contractor Logistics Support: Lockheed Martin
 Technical Publications: Vector

Significant Changes

No significant changes.

¹ Table reflects net funding, appropriations received (+/-) reprogrammings and less rescissions.

Project Schedule

<u>Project Description</u>	<u>Dates by Fiscal Year & Quarter</u>				<u>Total</u>
	<u>Design Work</u>		<u>Project Work</u>		<u>Estimated</u>
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	<u>Cost</u>
FY 2016					
Aircraft Regeneration and Induction			FY16:Q1	FY16:Q4	102,000
<hr/>					
FY 2017					
Re-generation, logistics and missionization			FY17:Q1	FY17:Q4	130,000

Schedule of Project Funding

	<u>Project Funds</u>				
	<u>FY 2014 & Prior</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>Total</u>
Appropriation	24,900	20,000	102,000	130,000	276,900
Obligation	5,003	22,182	119,715	130,000	276,900
Expenditure	293	13,428	16,550	37,488	67,759
<hr/>					
<u>Breakdown of Project Expenditures</u>					
Construction / Acquisition	293	13,428	16,550	37,488	67,759

Compliance with Public Laws, Regulations, Standards & Executive Orders

This project is being completed in compliance with the National Environmental Policy Act (NEPA).

H-65 Conversion and Sustainment Project

\$25,000

Project Description, Justification and Scope

Continues modernization and sustainment of the Coast Guard’s H-65 helicopter fleet. The modernization effort includes reliability and sustainability improvements where obsolete components are replaced with modernized sub-systems, including an integrated cockpit and sensor suite. The project is comprised of six Discrete Segments (DS). Each of the six discrete segments consists of upgrades and modernization of aging components and sub-systems necessary to sustain readiness, stabilize maintenance costs, and comply with Federal Aviation Administration safety requirements. DS1 (Re-Engine), DS2 (National Capital Region Air Defense (NCRAD)), DS3 (Airborne Use of Force (AUF)) and DS4 (Obsolete Component Modernization) were fully funded through prior year appropriations. DS5 (Shipboard Handling, Securing and Traversing System (SHSTS)) was cancelled in FY 2012. DS6 (Automatic Flight Control System (AFCS) / Avionics) was started with prior year funding and will be continued with funds requested in FY 2017.

FY 2015 Key Events:

- Completed DS4 Full Rate Production and transitioned to sustainment;
- Continued DS6 (AFCS/Avionics) cockpit modernization design and integration;
- Began Developmental Test and Evaluation (DT&E) of MH-65E;
- Began Validation and Verification (V&V) MH-65E build;
- Awarded contract for Non-Recurring Engineering (NRE) for AFCS upgrade.

FY 2016 Key Events:

- Continue DS6 (AFCS/Avionics) cockpit modernization design and integration;
- Complete DT&E and Validation & Verification of MH-65E build;
- Complete Operational Assessment of the MH-65E.

FY 2017 Planned Key Events:

- Begin Low Rate Initial Production of MH-65E
- Establish Initial Operational Capability

Funding History¹

<i>FY</i>	<i>\$K</i>	<i>Major Activity Funded by Net Appropriation</i>
2012 & Prior	\$538,261	H-65 Conversion and Sustainment Project
2013	\$29,962	H-65 Conversion and Sustainment Project
2014	\$2,000	H-65 Conversion and Sustainment Project
2015	\$30,000	H-65 Conversion and Sustainment Project
2016	\$40,000	H-65 Conversion and Sustainment Project

¹ Table reflects net funding, appropriations received (+/-) reprogrammings and less rescissions.

<i>FY</i>	<i>\$K</i>	<i>Major Activity Funded by Net Appropriation</i>
<i>Total</i>	<i>\$640,223</i>	<i>Funding received for FY 2002 through FY 2016</i>

Contract Information:

N/A. Work is being done primarily at the Coast Guard Aviation Logistics Center.

Subcontractors:

Aircraft Components: Airbus Helicopters Inc, Grand Prairie, TX.
 Avionics: Rockwell Collins, Cedar Rapids, IA.
 Power Plant: Turbomeca, Grand Prairie, TX.

Significant Changes

No significant changes.

Project Schedule

<u>Project Description</u>	Dates by Fiscal Year & Quarter				<u>Total Estimated Cost</u>
	<u>Design Work</u>		<u>Project Work</u>		
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	
FY 2016					
Discrete Segment 6 (AFCS/Avionics) Obtain	FY10:Q3	FY16:Q1	FY16:Q1	FY21:Q4	40,000
FY 2017					
Discrete Segment 6 (AFCS/Avionics) Obtain	FY10:Q3	FY16:Q1	FY16:Q1	FY21:Q4	25,000

Schedule of Project Funding

	Project Funds				<u>Total</u>
	<u>FY 2014 & Prior</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	
Appropriation	570,223	30,000	40,000	25,000	665,223
Obligation	539,695	18,424	48,275	54,688	661,082
Expenditure	522,314	11,660	23,294	22,855	580,123
<u>Breakdown of Project Expenditures</u>					
Construction / Acquisition	522,314	11,660	23,294	22,855	580,123

Compliance with Public Laws, Regulations, Standards & Executive Orders

This project is being conducted in compliance with the National Environmental Policy Act (NEPA).

HC-130J Acquisition, Conversion, Sustainment

\$20,800

Project Description, Justification and Scope

This request funds procurement of critical spares and equipment to complete activation of the second operational HC-130J unit. Additionally, this request begins the retrofit of legacy Mission System Suite (MSS) HC-130J aircraft with the Coast Guard variant of U.S. Navy Minotaur Mission System Suite + (MSS+). The upgrade will improve system performance, address obsolescence issues, and increase compatibility with CBP mission systems through conversion to the DHS program of record mission system processor.

The HC-130J project includes acquisition of HC-130J aircraft, development and installation of the mission system, and logistics. Logistics includes acquiring initial spares and support equipment to properly maintain the HC-130J aircraft at multiple locations. The HC-130J aircraft are replacing the aging Coast Guard HC-130H fleet. The HC-130J is a major contributor to performance of the Coast Guard's statutory missions with specific contributions to Department of Homeland Security and Coast Guard Programs of Maritime Law Enforcement, Maritime Response, Defense Operations, and Marine Transportation System Management.

FY 2015 Key Events

- Accepted baseline aircraft CGNR-2007, CGNR-2008 & CGNR-2009;

- Inducted CGNR-2007 & CGNR-2008 into legacy MSS install process;
- Completed HC-130J Prototype Observer Station testing;
- Awarded contract for baseline (FYOC/Multi-Year) CGNR-2010/2011;
- SIPRnet Aviation Configuration Control Board #1 approved;
- Commenced prototype Minotaur MSS+ installation on CGNR-2003;
- Awarded Minotaur MSS+ contract for up to five new aircraft and retrofit of seven legacy aircraft.

FY 2016 Planned Key Events

- Complete CGNR-2007 & CGNR-2008 (MSS) install;
- Complete SIPRnet design;
- CGNR-2003 MSS+ on prototype test complete and deliver to fleet;
- Induct CGNR-2009 into MSS+;
- Accept baseline aircraft CGNR-2010;
- Procure long lead spares to support stand up of a second HC-130J unit.

FY 2017 Planned Key Events

- Accept baseline aircraft CGNR-2011;
- Commence MSS+ retrofit of legacy aircraft;
- Complete CGNR-2009 MSS+ install;
- Procure final spares and equipment to support stand up of a second HC-130J unit.

Funding History¹

<i>FY</i>	<i>\$K</i>	<i>Major Activity Associated with Appropriated Funding</i>
2012 & Prior	\$247,828	HC-130H A1U and CWB, HC-130J #9 Missionization; Includes \$63.5M USAF appropriation transferred to USCG for HC-130J #9 baseline aircraft.
2013	\$85,606	Procurement and missionization of HC-130J #10.
2014	\$129,210	Procurement of HC-130J #11 & Mission System (MS) Installation, Follow-on mission system development, Spares, Observer Station.
2015	\$103,000	Procurement and missionization of HC-130J #12; HC-130J Spares
2016	\$150,000	Procurement and Missionization of HC-130J #13, Initial spares and equipment for second HC-130J site activation.
<i>Total</i>	<i>\$715,644</i>	<i>Funding received FY 2003 through FY 2016</i>

Contract Information

<i>Contract Number</i>	<i>Contractor</i>	<i>Type</i>	<i>Award Date (mo/yr)</i>	<i>Start Date (mo/yr)</i>	<i>End Date (mo/yr)</i>	<i>EVM in Contract</i>	<i>Total Value (\$K)</i>
HSCG23-14-X-2DA023	USAF	MIPR	3/2014	4/2014	9/2018	No	\$66,000
HSCG23-15-X-2DA007	USAF	MIPR	5/2015	5/2015	9/2017	No	\$65,000
HSCG23-14-X-2DA018	USAF	MIPR	3/2014	3/2014	3/2018	No	\$65,000
HSCG23-12-X-2DA048	USAF	MIPR	09/2012	9/2012	9/2013	No	\$60,538
HSCG23-15-X-2DA016	USAF	MIPR	6/2015	6/2015	6/2017	No	\$12,044
HSCG23-14-X-2DA008	NAWC-AD	MIPR	4/2014	4/2014	9/2014	No	\$8,621
HSCG23-15-C-2DA002	L-3 PID	FFP	9/2015	9/2015	9/2020	No	\$31,076

Subcontractors:

Aircraft: Lockheed Martin Aero, Marietta, GA.
Engines: Rolls Royce (Allison), Indianapolis, IN.
Missionization: Lockheed Martin MS2, Moorestown, NJ.
USN (NAVAIR)
L-3 Communications Integrated Systems, Waco, TX
FLIR/EO: FLIR systems, Wilsonville, OR
Surface Search Radar: Exelis, Amityville, NY
Observer Station: Airdyne, Brooksville, FL

¹ Table reflects net funding of combined HC-130J / LRS programs, appropriations received (+/-) reprogrammings and less rescissions.

Significant Changes

No significant changes.

Project Schedule

<u>Project Description</u>	Dates by Fiscal Year & Quarter				Total
	Design Work		Project Work		Estimate
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	<u>Cost</u>
FY 2016					
Aircraft #13 & MSS+			FY18:Q2	FY20:Q4	95,000
Spares			FY16:Q1	FY16:Q4	55,000
<hr/>					
FY 2017					
MSS+ Retrofit			FY17:Q3	FY19:Q1	9,800
Spares			FY17:Q2	FY17:Q4	11,000

Schedule of Project Funding

	Project Funds				
	<u>FY 2014 & Prior</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>Total</u>
Appropriation	462,644	103,000	150,000	20,800	736,444
Obligation	369,170	129,838	122,018	52,559	673,585
Expenditure	206,648	21,288	108,815	111,407	448,158
<hr/>					
<u>Breakdown of Project Expenditures</u>					
Construction / Acquisition	206,648	21,288	108,815	111,407	448,158

Compliance with Public Laws, Regulations, Standards & Executive Orders

This project is being conducted in compliance with the National Environmental Policy Act (NEPA).

U.S. Coast Guard - FY 2017 Congressional Justification

Program Oversight and Management

\$20,000

Project Description, Justification and Scope

Provides funding for Program Oversight and Management (PO&M). PO&M funding supports activities associated with the transition of the Coast Guard’s assets from acquisition to operations, including delivery, provision of logistics, training and other services necessary to ensure seamless integration into the operational fleet.

FY 2017 Activities Supported by Program Oversight and Management (PO&M)

PROCUREMENT	JUSTIFICATION
Senior Oversight	Computer support, project management site visits, management support priorities and supplies.
Contract Operations	Contracting Officer (KO) contract specialist support for Major System Acquisition projects, Defense Contract Management Agency (DCMA)/ Defense Contract Audit Agency (DCAA) support services.
Acquisition Workforce Management	Program training, strategic & tactical human capital support, Sustainment/Acquisition-Composite Model (SACOM) support for staff levels, program management & acquisition support.
Acquisition Support	Program management, systems engineering, and acquisition management support.
Strategic Planning & Communication	Strategic planning support, as required by the CG and Department of Homeland Security (DHS), communication management support, external coordination support, required reports and responses.
Testing and Evaluation	Execution of Surface, Aviation, Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR), and Logistics development and testing programs.
Resource Management	Acquisition Performance Management System (APMS) support and software upgrade support, (SAS) renewal, capitalization & audit remediation support, internal controls support, and Life Cycle Cost Estimating (LCCE) support.
Acquisition Programs Oversight	Naval Sea Systems Command (NAVSEA) programmatic support, Naval Surface Warfare Center (NSWC) / NAVSEA direct-site support, program management support, and site visits.
Acquisition Programs – Aviation	Program management support to include administrative, business finance, accounting, risk management, schedule analysis, costs analysis; and site visits.
Acquisition Programs – Surface	Program management support to include administrative, business finance, accounting, risk management, schedule analysis, costs analysis; logistics support, and site visits.
Acquisition Programs – C4ISR	Program management support for program status control reporting, emerging issue resolution, cross domain issues, technical expertise; Integrated Product Team (IPT) support; and Major System Acquisition project coordinator at Space and Naval Warfare Systems Command (SPAWAR); and site visits.
Acquisition Programs Logistics	Program management support for surface & air assets, technical documentation, and performance management, and site visits.

Funding History¹

<i>FY</i>	<i>\$K</i>	<i>Major Activity Funded by Net Appropriation</i>
2012 & Prior	\$428,761	Government Program Management
2013	\$14,268	Program Oversight and Management
2014	\$10,000	Program Oversight and Management
2015	\$18,000	Program Oversight and Management
2016	\$20,000	Program Oversight and Management
<i>Total</i>	<i>\$491,029</i>	<i>Funding received for FY 2002 through FY 2016</i>

Contract Information: N/A.

Significant Changes: No significant changes.

Project Schedule

<u>Project Description</u>	Dates by Fiscal Year & Quarter				Total Estimated Cost
	Design Work		Project Work		
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	
FY 2016 Program Oversight and Management			FY16:Q1	FY20:Q4	20,000
FY 2017 Program Oversight and Management			FY17:Q1	FY21:Q4	20,000

Schedule of Project Funding

	Project Funds					<u>Total</u>
	<u>FY 2014 & Prior</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>		
Appropriation	453,029	18,000	20,000	20,000	511,029	
Obligation	439,243	15,813	22,254	22,930	500,240	
Expenditure	422,478	18,971	8,957	12,791	463,197	
<u>Breakdown of Project Expenditures</u>						
Project Management	422,478	18,971	8,957	12,791	463,197	

Compliance with Public Laws, Regulations, Standards & Executive Orders

This project is being conducted in compliance with the National Environmental Policy Act (NEPA).

¹ Table reflects net funding, appropriations received (+/-) reprogrammings and less rescissions.

C4ISR

\$24,300

Project Description, Justification and Scope

Funds the design, development, and information assurance posture of Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) Integrated hardware and software systems on National Security Cutters (NSC), Offshore Patrol Cutters (OPC), Fast Response Cutters (FRC), Long Range Surveillance (LRS) aircraft, and Medium Range Surveillance (MRS) aircraft. These assets are using interoperable C4ISR system designs to optimize lifecycle costs and operational effectiveness.

The requested funds in FY 2017 will be used for the following activities:

- Tailoring SEAWATCH for OPC requirements. Provide technical assistance for the OPC program by leading the tailoring of C4ISR systems onboard the OPC.
- Supporting the development, integration, and back-fit of a Segment 2 suite for the next in-service NSC (delivered with Segment 1).
- Providing Information Assurance (IA) / TEMPEST / Certification and Accreditation (C&A) expertise and documentation to newly acquired surface and aviation assets. New USCG assets must be delivered with Authority to Operate (ATO) through the Designated Approval Agency (DAA).
- The continued operation of C4ISR development labs and test & integration labs providing product suitability validation and proper network integration and readiness for platform acceptance and installation on surface assets.

- Necessary Diminishing Manufacturing Source (DMS) solutions for the test and integration labs and for assets in production.
- Logistics support providing analysis, development, and products to ensure operational capability and readiness of the C4ISR systems and interfaces, and their integration with USCG assets. This includes technical and training documentation, as well as the initial sparing analysis required to transition the C4ISR system baseline release to asset managers for platform installation, testing, and deployment.
- Engineering Change Proposals (ECPs) development includes software and systems engineering oversight, to accommodate capability upgrades and design modifications related to C4ISR while the asset is in production.
- Project execution support services for planning, development, engineering, configuration management, safety, and other required disciplines.

FY 2015 Key Events:

Aviation assets

- Coordinated and planned for obtaining ATO and TEMPEST certification.

Surface assets

- Procured Segment 2 suite for future NSC back-fit and Training Center Petaluma;
- Continued tailoring SEAWATCH for the OPC;

- Assisted the NSC project with C4ISR testing and implementing engineering changes;
- Assisted FRC and NSC projects with achievement of ATO and conducting TEMPEST inspections.

Labs

- Operated verification labs to facilitate fielding of Segment 2.
- Postured labs for transition to sustainment.

FY 2016 Planned Key Events:

Aviation assets

- Coordinate and plan for obtaining ATO and TEMPEST certification.

Surface assets

- Back-fit Segment 2 suite;
- Continue tailoring SEAWATCH for the OPC;
- Assist the NSC project with C4ISR testing and implementing engineering changes;
- Assist FRC and NSC projects with achievement of ATO and conducting TEMPEST inspections.
- Posture labs for transition to sustainment.

Funding History¹

<i>FY</i>	<i>\$K</i>	<i>Major Activity Funded by Appropriation</i>
2012 & Prior	\$ 691,194	NSC, MPA/MSP Segment 2; Cutter Segment 5; FRC, OPC IA support
2013	\$ 38,523	NSC, MPA/MSP Segment 2; Cutter Segment 5; FRC, OPC IA support
2014	\$ 40,226	NSC Segment 2 procurement; FRC, OPC IA support; OPC SEAWATCH tailoring
2015	\$36,300	NSC Segment 2 procurement, development, integration; FRC, OPC IA support; OPC SEAWATCH tailoring
2016	\$36,600	NSC Segment 2 development, integration, & back-fit; FRC, OPC IA support; OPC SEAWATCH tailoring
<i>Total</i>	\$842,843	<i>Funding received for FY 2002 through FY 2016</i>

¹ Table reflects net funding, appropriations received (+/-) reprogrammings and less rescissions.

Labs

- Operate verification labs to facilitate fielding of Segment 2.
- Posture labs for transition to sustainment.

FY 2017 Planned Key Events:

Aviation assets

- Coordinate and plan for obtaining ATO and TEMPEST certification.

Surface assets

- Back-fit Segment 2 suite;
- Continue tailoring SEAWATCH for the OPC;
- Assist the NSC project with C4ISR testing and implementing engineering changes;
- Assist FRC and NSC projects with achievement of ATO and conducting TEMPEST inspections.

Labs

- Operate verification labs to facilitate fielding of Segment 2.

Segment 1 developed a closed and complex C4ISR baseline for NSCs, HC-144As, and HC-130Js. Developed through the Integrated Coast Guard Systems (ICGS) contractor, this system is proprietary and does not allow the Coast Guard the ability to manage additional development outside of the prime contractor, nor does it provide an affordable means for software sustainment. Segment 1 is fully fielded.

Segment 2 began the transition of the proprietary system developed in Segment 1 towards an open architecture owned and controlled by the Coast Guard. It separated the Segment 1 design into modular, scalable, functional components with clear interfaces allowing the Coast Guard to manage changes and sustain the system separate from the prime contractor. Segment 2 establishes a common baseline across the NSC, HC-144A, and HC-130J assets.

Segment 5 (Upgrades to existing assets) - *In-Service Cutters*: 210ft and 270ft Medium Endurance Cutter (MEC); 378ft High Endurance Cutter (HEC); *Shore Facilities*: Communications Area Master Stations (CAMS); Training Center Petaluma; Communication Stations (COMMSTAs).

Contract Information

<i>Contract Number</i>	<i>Contractor</i>	<i>Type</i>	<i>Award Date (mo/yr)</i>	<i>Start Date (mo/yr)</i>	<i>End Date (mo/yr)</i>	<i>EVM in Contract</i>	<i>Total Value (\$K)</i>
HSCG23-12-C-ADC400	Lockheed Martin	CPFF	1/31/2012	1/31/2012	1/31/2016	No	16,059
HSCG23-12-C-ADC405	Lockheed Martin	T&M	1/10/2012	1/10/2012	12/31/2015	No	22,070
HSCG23-14-C-AC4001	Lockheed Martin	CPFF	8/21/2014	8/21/2014	10/31/2016	No	31,169

Significant Changes

No significant changes.

Project Schedule

<u>Project Description</u>	Dates by Fiscal Year & Quarter				Total
	Design Work		Project Work		Estimated
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	<u>Cost</u>
FY 2016					
Aviation Information Assurance			FY11:Q3	FY26:Q4	300
Segment 2 Block B: NSC			FY12:Q1	FY19:Q4	32,100
New Asset Acquisition Support: OPC			FY14:Q1	FY26:Q4	3,500
New Asset Acquisition Support: FRC			FY09:Q1	FY26:Q4	700
FY 2017					
Aviation Information Assurance			FY11:Q3	FY26:Q4	200
Segment 2 Block B: NSC			FY12:Q1	FY19:Q4	20,900
New Asset Acquisition Support: OPC			FY14:Q1	FY26:Q4	2,500
New Asset Acquisition Support: FRC			FY09:Q1	FY26:Q4	700

Schedule of Project Funding

	Project Funds				
	<u>FY 2014 & Prior</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>Total</u>
Appropriation	769,943	36,300	36,600	24,300	867,143
Obligation	744,527	41,372	39,222	27,031	852,152
Expenditure	696,618	32,646	22,775	26,628	778,667
<u>Breakdown of Project Expenditures</u>					
Construction / Acquisition	696,618	32,646	22,775	26,628	778,667

Compliance with Public Laws, Regulations, Standards & Executive Orders

This project is being conducted in compliance with the National Environmental Policy Act (NEPA).

CG-LIMS

\$7,000

Project Description, Justification and Scope

Funds the development and delivery of the Coast Guard Logistics Information Management System (CG-LIMS). This funding will continue CG-LIMS configuration and phased deployment to Coast Guard operational assets and support facilities. Specifically, the funding continues to support configuration and testing of the Segments 1 (Configuration Management and Maintenance Management), 2 (Supply Chain Management) and 3 (Technical Information Management) functionality. The funding will also support the implementation of CG-LIMS for fixed and rotary-wing aircraft, as well as boat product lines.

CG-LIMS:

- Directly supports the Coast Guard modernization goal of a unified logistics system that improves mission-readiness, operational effectiveness, and decision-making by enabling decision support at the enterprise and tactical level;
- Enables product line management by providing total asset visibility throughout the enterprise;
- Will be the tool through which all maintenance is managed and how the enterprise supply chain is driven;
- Will organize and manage all technical information relating to Coast Guard assets, including technical publications and manuals, drawings, maintenance procedures, and maintenance data in the system;
- Will tightly integrate and configure the components of configuration management, maintenance management, supply chain management, and technical information management to allow efficient execution of a standardized business process.

CG-LIMS is planned for phased implementation by segments, as follows:

Segment	Functionality That Will Be Provided
1	Configuration Management and Maintenance Management (CM and MM)
2	Supply Chain Management (SCM)
3	Technical Information Management (TIM)

FY 2015 Key Events

- Continued development of Segments 1 CM/MM, 2 SCM, and 3 TIM;
- Planned interfaces and integration with Coast Guard Financial System;
- Delivered Initial Operating Capability to HC-144A maritime patrol aircraft.
- Inducted second aircraft type, HC-144B, into CG-LIMS.

FY 2016 Planned Key Events

- Continue development of Segments 1 CM/MM, 2 SCM, and 3 TIM;
- Interface and integration with Coast Guard Financial Systems;
- Continue CG-LIMS deployment to operational units.

FY 2017 Planned Key Events:

- Continue development of Segments 1 CM/MM, 2 SCM, and 3 TIM;
- Complete interface and integration with Coast Guard Financial Systems;
- Continue CG-LIMS deployment to operational units.

Funding History¹

<i>FY</i>	<i>\$K</i>	<i>Major Activity Funded by Net Appropriation</i>
2012 & Prior	\$24,202	CG-LIMS Configuration and testing of Segment 1 functionality
2013	\$2,613	CG-LIMS Configuration and testing of Segments 1-3 functionality
2014	\$1,650	CG-LIMS Configuration and testing of Segments 1-3 functionality; implementation of Segments 1-3 functionality to USCG operational units
2015	\$5,000	CG-LIMS Configuration and testing of Segments 1-3 functionality; implementation of Segments 1-3 functionality to USCG operational units; develop interface with financial management system.
2016	\$8,500	CG-LIMS Configuration and testing of Segments 1-3 functionality; implementation of Segments 1-3 functionality to USCG operational units. Initiate development of interfaces and integration with USCG Financial Systems.
<i>Total</i>	<i>\$41,965</i>	<i>Funding received for FY 2008 through FY 2016</i>

Contract Information

<i>Contract Number</i>	<i>Contractor</i>	<i>Type</i>	<i>Award (mo/yr)</i>	<i>Start (mo/yr)</i>	<i>End (mo/yr)</i>	<i>EVM in Contract</i>	<i>Total Value (\$K)</i>
HSCG23-12-A-ADL001	Mythics	FFP	12/2011	12/2011	12/2016	No	\$5,480
HSCG23-15-F-ADL002	Mythics	FFP	02/2015	03/2015	03/2016	No	\$4,055

Significant Changes

No significant changes.

Project Schedule

<u>Project Description</u>	Dates by Fiscal Year & Quarter				Total Estimated Cost
	Design Work		Project Work		
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	
FY 2016 CG-LIMS Development			FY08:Q2	FY18:Q2	8,500
FY 2017 CG-LIMS Development			FY08:Q2	FY18:Q2	7,000

¹ Table reflects net funding, appropriations received (+/-) reprogrammings, transfers and less rescissions.

Schedule of Project Funding

	Project Funds				Total
	<u>FY 2014 & Prior</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	
Appropriation	28,465	5,000	8,500	7,000	48,965
Obligation	23,051	7,183	7,373	7,014	44,621
Expenditure	19,719	7,785	2,575	3,604	33,683
<hr/>					
<u>Breakdown of Project Expenditures</u>					
Construction / Acquisition	19,719	7,785	2,575	3,604	33,683

Compliance with Public Laws, Regulations, Standards & Executive Orders

This project is being conducted in compliance with the National Environmental Policy Act (NEPA).

Other Equipment and Systems

\$8,055

Project Description, Justification and Scope

This request is for the procurement of end-use item equipment and systems expected to cost in excess of \$250,000. These items support a variety of Coast Guard missions, including training simulators and equipment that is used to support the operation and maintenance of vessels, aircraft, and infrastructure.

FY 2017 funding supports the following:

- System hardware and software replacement to upgrade the Ship Control and Navigation Training System (SCANTS) located at the Coast Guard Academy. SCANTS was built in 1986 and received its last major upgrade in 1996. SCANTS is currently operating on antiquated hardware and software that requires recapitalization. SCANTS provides approximately 3,000 hours of critical simulation training

each year to Coast Guard Academy cadets, Command & Operations School (Prospective Commanding Officer, Executive Officer and Operations Officer courses) students, Officer Candidate School, NOAA Basic Officer Training Course, and operational cutter crews. Bridge simulator training is the professional standard within the military and merchant fleet for all shipboard operators. SCANTS is certified for simulation training by the National Maritime Center. The funding will support improvements that will ensure continued viability of this critical training simulator.

- Replacement equipment used to support operations, including vessel travel lifts, specialized test equipment for depot maintenance, and specialized vehicles (hazmat and fire response, snow removal, road maintenance, and mobile cranes).

Significant Changes

This is a new PPA.

Project Schedule

<u>Project Description</u>	Dates by Fiscal Year & Quarter				Total
	Design Work		Project Work		Estimated
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	<u>Cost</u>
FY 2017					
SCANTS Replacement	FY17: Q1	FY17: Q3	FY17: Q4	FY19: Q4	4,500
Other Equipment Acquisition			FY17: Q1	FY17: Q4	3,555

Schedule of Project Funding

	Project Funds				Total
	<u>FY 2014 & Prior</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	
Appropriation				8,055	8,055
Obligation				7,605	7,605
Expenditure				4,905	4,905
<hr/>					
<u>Breakdown of Project Expenditures</u>					
Construction / Acquisition				4,446	4,446
Survey, Design & Engineering				398	398
Project Management				61	61

Compliance with Public Laws, Regulations, Standards & Executive Orders

This project will comply with the National Environmental Policy Act (NEPA).

Shore AC&I Waterways and ATON Infrastructure

\$4,600

Project Description, Justification and Scope

This request provides funding to establish, maintain and improve transportation safety on Federal waterways through survey, design, construction, and improvements to buoys and structures assisting navigation. Waterways infrastructure projects require an annual base funding level to respond to requirements from U.S. Army Corps of Engineers (ACOE) activity and to address aging/damaged aids to navigation (AtoN).

This request continues sitework, construction for Phase 1, engineering planning, and studies to support the relocation of various Delaware River ranges resulting from the ACOE Delaware River Main Stem and Channel Deepening projects. The project complexity requires separating the USCG range projects into four distinct phases. Phase 1 of the project, at

Baker Range, relocates and modernizes the main ship channel range to align with channel boundaries, replaces an unsafe rear range structure, and modernizes the range light optics. This range light is considered vital for navigation by the USCG Fifth District and waterway users, specifically the Pilots Association for the Bay and River Delaware.

The four-phase USCG range projects are developed in conjunction with the ACOE project, which will provide more efficient transportation of containerized, dry bulk and liquid bulk cargo to and from the Delaware River ports. The ACOE project will include dredging and alterations to existing channels to ensure safer navigation. Collectively, the Ports of Philadelphia, South Jersey and Wilmington combine to be the largest general cargo port complex in the nation.

Significant Changes

No significant changes.

Project Schedule

<u>Project Description</u>	Dates by Fiscal Year & Quarter				Total
	Design Work		Project Work		Estimated
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	<u>Cost</u>
FY 2017					
Construction / Acquisition			FY17:Q2	FY19:Q4	4,600

Schedule of Project Funding

	Project Funds				Total
	<u>FY 2014 & Prior</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	
Appropriation	40,660	500		4,600	45,760
Obligation	39,910	175	300	3,000	43,385
Expenditure	38,113	750	500	3,000	42,363
<u>Breakdown of Project Expenditures</u>					
Construction / Acquisition	38,113	750	500	2,715	42,078
Survey, Design & Engineering				250	250
Project Management				35	35

Compliance with Public Laws, Regulations, Standards & Executive Orders

This project will comply with the National Environmental Policy Act (NEPA).

Major Shore - Service Life Extension Elizabeth City, NC Airfield Apron and Taxiways

\$13,000

Project Description, Justification and Scope

Funds the service life extension of the airfield apron and taxiways at Air Station Elizabeth City, North Carolina.

Coast Guard Air Station Elizabeth City, Coast Guard Aviation Logistics Center, and Coast Guard Aviation Technical Training Center rely on the operational capability supported by Runway 10-28. This runway permits the Air Station to operate five HC-130Js and the Aviation Logistics Center that services all Coast Guard aircraft undergoing planned depot maintenance at this facility. The runway was constructed in 1966. Despite continued routine maintenance, the apron and taxiways are deteriorating and in need of recapitalization. This project ensures the future viability of the Elizabeth City facility.

RUNWAY FACILITY OVERVIEW – with – EXAMPLE CONDITIONS



Significant Changes

This is a new request.

Project Schedule

<u>Project Description</u>	Dates by Fiscal Year & Quarter				Total
	Design Work		Project Work		Estimated
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	<u>Cost</u>
FY 2017 Recapitalize Runway 10-28	FY17: Q1	FY17: Q4	FY17: Q4	FY19: Q3	13,000

Schedule of Project Funding

	Project Funds				Total
	<u>FY 2014 & Prior</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	
Appropriation				13,000	13,000
Obligation				11,700	11,700
Expenditure				2,600	2,600
<hr/>					
<u>Breakdown of Project Expenditures</u>					
Construction / Acquisition				1,716	1,716
Survey, Design & Engineering				780	780
Project Management				104	104

Compliance with Public Laws, Regulations, Standards & Executive Orders

This project will comply with the National Environmental Policy Act (NEPA).

U.S. Coast Guard - FY 2017 Congressional Justification

Shore Infrastructure Survey and Design

\$500

Project Description, Justification and Scope

Includes survey and design funding required for future year Acquisition, Construction, and Improvement (AC&I) shore projects. Funding supports the shore infrastructure planning process by funding engineering studies and analyses, master plans, NEPA/Environmental Studies, Soil Classification, real property and land acquisition. Project

development concepts including waterfront studies, design initiatives, and rough order of magnitude estimates for project completion are included. The projects supported by this request contribute to mission support and sustainment of front-line units.

Significant Changes

No significant changes.

Project Schedule

<u>Project Description</u>	Dates by Fiscal Year & Quarter				Total Estimated Cost
	Design Work		Project Work		
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	
FY 2016 Survey and Design	FY16:Q1	FY17:Q4			500
FY 2017 Survey and Design	FY17:Q1	FY18:Q4			500

Schedule of Project Funding

	Project Funds				Total
	<u>FY 2014 & Prior</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	
Appropriation	2,049	500	500	500	3,549
Obligation	1,102	900	800	500	3,302
Expenditure	1,102	900	800	500	3,302
<u>Breakdown of Project Expenditures</u>					
Survey, Design & Engineering	1,102	900	800	500	3,302

Compliance with Public Laws, Regulations, Standards & Executive Orders

This project will comply with the National Environmental Policy Act (NEPA).

U.S. Coast Guard - FY 2017 Congressional Justification

Minor AC&I Shore Construction Projects

\$5,000

Project Description, Justification and Scope

Provides funds to complete minor AC&I shore facility construction projects. These projects are typically less complex and require less advance planning than major shore projects. Funds will be used to complete minor projects that have cost estimates which exceed the construction authority provided in the Operating Expense appropriation. For example, this may include:

- Emergency repair projects which have cost estimates that are greater than 50% of the plant replacement value;
- Minor facility improvements, which cost more than one million dollars, that are needed to adapt to changing/increased missions.

Significant Changes

No significant changes.

Project Schedule

<u>Project Description</u>	Dates by Fiscal Year & Quarter				Total Estimated Cost
	Design Work		Project Work		
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	
FY 2016					
Minor AC&I Shore Construction	FY16:Q1	FY16:Q3	FY16:Q2	FY17:Q4	5,000
FY 2017					
Minor AC&I Shore Construction	FY17:Q1	FY17:Q4	FY17:Q4	FY19:Q2	5,000

Schedule of Project Funding

	Project Funds				Total
	<u>FY 2014 & Prior</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	
Appropriation	41,363	5,000	5,000	5,000	56,363
Obligation	34,666	6,500	7,750	6,000	54,916
Expenditure	34,666	6,500	7,750	6,000	54,916
<u>Breakdown of Project Expenditures</u>					
Construction / Acquisition	32,596	6,000	7,250	5,400	51,246
Survey, Design & Engineering	2,070	500	500	500	3,570
Project Management				100	100

Compliance with Public Laws, Regulations, Standards & Executive Orders

This project will comply with the National Environmental Policy Act (NEPA).

Major Acquisition Systems Infrastructure (MASI)

\$28,000

Project Description, Justification and Scope

This request supports shore facility infrastructure modifications, upgrades, and new construction associated with homeporting new or modified cutters, boats, and aircraft. The project also supports infrastructure modifications, upgrades, and new construction to provide logistics, maintenance, and training support for new or modified cutters, boats, and aircraft.

Facility and Infrastructure Upgrades – Funding in FY 2017 completes the following facility upgrades and infrastructure improvements:

- Pier, support facility, shore power modifications, and associated base infrastructure improvements to support the FRC Homeport at Galveston, TX. This homeport will accommodate a total of three FRCs. The funding will support the design and construction of homeport facility additions, improvements, and renovations at Galveston, TX. The funding provides improvements such as electrical and other shore-tie upgrades; dredging to accommodate deeper drafts where necessary; structural improvements to the piers and wharfs to accommodate larger loads; relocation and/or incorporation of existing operational and support functions, both waterfront and shore side, for proximity and constructability; shore side facilities for storage, maintenance, and other in-port activities associated with the arrival of the new FRCs. This location is essential to the overall operational force lay-down and needs to be modified in order to accommodate the FRCs. The funding request provides for facilities to meet asset delivery schedules and threshold facilities requirements based on FRC dimensions, shore-tie requirements, operational needs, crewing status, and maintenance schedules.
- Medium Range Surveillance (MRS) operational facility Air Station Clearwater, FL. This project provides funding for

facilities upgrades and modifications to accommodate the operations and maintenance of six new MRS aircraft (C-27) at Air Station Clearwater, FL. The funding provides for improvements such as electrical upgrades; reconfiguration of existing maintenance shops; installation of aircraft-specific tie downs; relocation and/or incorporation of existing operational and support functions for proximity and constructability; facilities for aircraft specific parts and supplies; work spaces for additional personnel assigned with the aircraft; facilities improvements necessary for safe and efficient maintenance of the aircraft, and other activities associated with the arrival of the new MRS aircraft. This location is essential to the overall operational force laydown and needs to be modified to accommodate the MRS aircraft. The funding request provides for facilities to meet asset delivery schedules and threshold facilities requirements based on the MRS dimensions, electrical requirements, operational needs, crewing status, and maintenance schedules.

- Long Range Surveillance (LRS) operational facility Air Station Kodiak, AK. This project provides funding for facilities upgrades and modifications to accommodate the operations and maintenance of five new LRS aircraft (C-130J) at Air Station Kodiak, AK. The improvements will include electrical upgrades; reconfiguration of existing maintenance shops; relocation and/or incorporation of existing operational and support functions for proximity and constructability; facilities for aircraft specific parts and supplies; work spaces for additional personnel assigned with the aircraft; facilities improvements necessary for safe and efficient maintenance of the aircraft, and other activities associated with the arrival of the new LRS aircraft. This location is essential to the overall operational force laydown and needs to be modified in order to accommodate the LRS aircraft. The funding request provides for facilities to meet asset delivery schedules and threshold facilities requirements based on the LRS

dimensions, electrical requirements, operational needs, crewing status, and maintenance schedules.

- Provide program support and engineering, environmental, and feasibility studies and analyses for future-year facilities projects covered under this acquisition program. This funding is necessary to establish a 5-year window of planning documents in order to properly budget for force location decisions in association with

future asset deliveries. This funding will also more effectively integrate siting decisions for different classes of cutters and aircraft over the long-term planning horizon. The funding also covers any support contracts necessary to maintain the day-to-day functions, oversight, support, and management of these projects.

Contract Information: All Major Acquisition Systems Infrastructure (MASI) projects are executed by the Coast Guard with technical oversight provided by the Shore Infrastructure Logistics Center, the Facilities Design and Construction Center, and Civil Engineering Units located around the United States. Each project is contracted to a construction contractor for execution.

Significant Changes:

No significant changes.

Project Schedule

<u>Project Description</u>	Dates by Fiscal Year & Quarter				Total Estimate Cost
	Design Work		Project Work		
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	
FY 2016					
Facilities			FY16:Q1	FY18:Q4	50,500
Engineering/Environmental Studies			FY16:Q1	FY18:Q4	1,500
FY 2017					
Facilities			FY17:Q1	FY19:Q4	26,500
Engineering/Environmental Studies			FY17:Q1	FY19:Q4	1,500

Schedule of Project Funding

	<u>FY 2014 & Prior</u>	Project Funds			<u>Total</u>
		<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	
Appropriation	453,678	16,000	52,000	28,000	549,678
Obligation	406,545	38,954	49,375	39,672	534,546
Expenditure	355,732	78,411	16,523	19,934	470,600
<u>Breakdown of Project Expenditures</u>					
Construction / Acquisition	355,732	78,411	16,523	19,934	470,600

Compliance with Public Laws, Regulations, Standards & Executive Orders

This project is being conducted in compliance with the National Environmental Policy Act (NEPA).

U.S. Coast Guard - FY 2017 Congressional Justification

Direct Personnel Costs

\$120,933

Project Description, Justification and Scope

Funds the salaries, compensation and support costs (including annual pay raise and COLA) for personnel who manage, execute and administer multi-year funded projects within the Acquisition, Construction and Improvements (AC&I) Program. The requested funding level will support a total of 897 FTE. These personnel will support projects requested in this budget submission, as well as prior year funded AC&I projects, by performing planning, design, engineering, contracting, project management, quality assurance and logistics support activities. This ensures the products and services acquired through the AC&I program are completed on time, on budget and in compliance with performance requirements.

Additional FTE requested will support acceleration of activities to acquire the new polar icebreaker.

Significant Changes

No significant changes.

Project Schedule

<u>Project Description</u>	Dates by Fiscal Year & Quarter				Total
	Design Work		Project Work		Estimated
	<u>Initiated</u>	<u>Completed</u>	<u>Initiated</u>	<u>Completed</u>	<u>Cost</u>
FY 2016					
Direct Personnel Costs			FY16:Q1	FY16:Q4	118,069
FY 2017					
Personnel Costs			FY16:Q1	FY17:Q3	120,933

Schedule of Project Funding

	Project Funds				Total
	<u>FY 2014 & Prior</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	
Appropriation	817,781	115,313	118,069	120,933	1,172,096
Obligation	817,781	115,313	118,069	120,931	1,172,094
Expenditure	817,781	115,313	118,069	120,931	1,172,094
<hr/>					
<u>Breakdown of Project Expenditures</u>					
Direct Personnel Costs	817,781	115,313	118,069	120,931	1,172,094

J. Object Class Breakout by Appropriation

Department of Homeland Security
U.S. Coast Guard
Acquisition, Construction and Improvements
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
Personnel Compensation and Benefits				
11.1 Full-time Permanent	\$46,063	\$51,597	\$52,948	\$1,351
11.3 Other than Full-Time Permanent	\$57	\$64	\$66	\$2
11.5 Other Personnel Compensation	\$542	\$607	\$623	\$16
11.6 Military Personnel-Basic Allowance for Housing	\$10,390	\$10,402	\$10,832	\$430
11.7 Military Personnel	\$28,876	\$31,933	\$32,564	\$631
11.8 Special Personal Services Payments	\$94	\$104	\$106	\$2
12.1 Civilian Personnel Benefits	\$12,725	\$14,254	\$14,627	\$373
12.2 Military Personnel Benefits	\$2,505	\$2,769	\$2,823	\$54
13.0 Benefits for Former Personnel	\$88	\$98	\$100	\$2
Total, Personnel Compensation and Benefits	\$101,340	\$111,828	\$114,689	\$2,861
Other Object Classes				
21.0 Travel and Transportation of Persons	\$5,113	\$6,152	\$8,338	\$2,186
22.0 Transportation of Things	\$1,068	\$661	\$662	\$1
23.2 Rental Payments to Others	\$100	\$51	\$51	-
23.3 Communications, Utilities, and Misc. Charges	\$2,260	-	\$31	\$31
24.0 Printing and Reproduction	\$26	-	-	-
25.1 Advisory and Assistance Services	\$100,740	\$247,009	\$363,353	\$116,344
25.2 Other Services from Non-Federal Sources	\$186,787	\$234,334	\$174,795	(\$59,539)
25.5 Research and Development Contracts	\$415	-	-	-
25.8 Subsistence & Support of Persons	\$3,454	\$2,191	\$2,191	-
26.0 Supplies and Materials	\$80,410	\$30,420	\$9,998	(\$20,422)
31.0 Equipment	\$717,779	\$777,685	\$916,637	\$138,952
32.0 Land and Structures	\$47,954	\$127,608	\$112,029	(\$15,579)
42.0 Insurance Claims and Indemnities	\$385	\$385	\$385	-
Total, Other Object Classes	\$1,146,491	\$1,426,496	\$1,588,470	\$161,974
Total, Direct Obligations	\$1,247,831	\$1,538,324	\$1,703,159	\$164,835

Object Classes	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
Adjustments				
Unobligated Balance, start of year	(\$768,792)	(\$676,089)	(\$1,060,689)	(\$384,600)
Unobligated Balance, end of year	\$676,089	\$1,060,689	\$494,318	\$566,371
Recoveries of Prior Year Obligations	-	-	-	-
Total Requirements	\$1,155,128	\$1,922,924	\$1,136,788	(\$786,136)

K. Object Class Breakout by PPA

Department of Homeland Security
U.S. Coast Guard
Acquisition, Construction and Improvements
I. Vessels
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Other Object Classes	-	-	-	-
21.0 Travel and Transportation of Persons	\$2,459	\$3,996	\$3,142	(\$854)
22.0 Transportation of Things	\$58	-	-	-
23.2 Rental Payments to Others	\$23	-	-	-
23.3 Communications, Utilities, and Misc. Charges	\$2,260	-	-	-
24.0 Printing and Reproduction	\$23	-	-	-
25.1 Advisory and Assistance Services	\$21,264	\$149,713	\$240,387	\$90,674
25.2 Other Services from Non-Federal Sources	\$27,879	\$94,498	\$70,285	(\$24,213)
25.5 Research and Development Contracts	\$415	-	-	-
25.8 Subsistence & Support of Persons	\$152	-	-	-
26.0 Supplies and Materials	\$8,181	\$4,036	\$2,828	(\$1,208)
31.0 Equipment	\$702,450	\$566,336	\$853,567	\$287,231
Total, Other Object Classes	\$765,164	\$818,579	\$1,170,209	\$351,630
Adjustments	-	-	-	-
Unobligated Balance, start of year	(\$358,606)	(\$346,858)	(\$770,434)	(\$423,576)
Unobligated Balance, end of year	\$346,858	\$770,434	\$304,325	(\$466,109)
Recoveries of Prior Year Obligations	-	-	-	-
Total, Adjustments	\$11,748	\$423,576	(\$466,109)	(\$911,930)
Total Requirements	\$753,416	\$1,242,155	\$704,100	(\$560,300)
Full Time Equivalents	-	-	-	-

Department of Homeland Security
U.S. Coast Guard
Acquisition, Construction and Improvements
II. Aircraft
Summary of Requirements by Object Class
(Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Other Object Classes	-	-	-	-
21.0 Travel and Transportation of Persons	\$1,384	\$969	\$150	(\$819)
22.0 Transportation of Things	\$13	-	-	-
24.0 Printing and Reproduction	\$3	-	-	-
25.1 Advisory and Assistance Services	\$3,227	\$28,208	\$86,564	\$58,356
25.2 Other Services from Non-Federal Sources	\$132,180	\$111,155	\$78,220	(\$32,935)
26.0 Supplies and Materials	\$58,574	\$1,174	\$2,000	\$826
31.0 Equipment	\$9,663	\$209,009	\$51,190	(\$157,819)
Total, Other Object Classes	\$205,044	\$350,515	\$218,124	(\$132,391)
Adjustments	-	-	-	-
Unobligated Balance, start of year	(\$172,286)	(\$151,460)	(\$95,945)	\$55,515
Unobligated Balance, end of year	\$151,460	\$95,945	\$79,121	(\$16,824)
Recoveries of Prior Year Obligations	-	-	-	-
Total, Adjustments	(\$20,826)	(\$55,515)	(\$16,824)	\$38,691
Total Requirements	\$184,218	\$295,000	\$201,300	(\$93,700)
Full Time Equivalents	-	-	-	-

Department of Homeland Security
U.S. Coast Guard
Acquisition, Construction and Improvements
III. Other
Summary of Requirements by Object Class
(Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Other Object Classes	-	-	-	-
21.0 Travel and Transportation of Persons	\$57	\$435	\$4,293	\$3,858
23.3 Communications, Utilities, and Misc. Charges	-	-	\$31	\$31
25.1 Advisory and Assistance Services	\$71,083	\$62,598	\$34,902	(\$27,696)
25.2 Other Services from Non-Federal Sources	\$24,012	\$27,770	\$25,379	(\$2,391)
26.0 Supplies and Materials	-	\$100	\$154	\$54
31.0 Equipment	\$5,666	\$2,340	\$11,880	\$9,540
Total, Other Object Classes	\$100,818	\$93,243	\$76,639	(\$16,604)
Adjustments	-	-	-	-
Unobligated Balance, start of year	(\$93,718)	(\$53,260)	(\$25,117)	\$28,143
Unobligated Balance, end of year	\$53,260	\$25,117	\$7,833	(\$17,284)
Recoveries of Prior Year Obligations	-	-	-	-
Total, Adjustments	(\$40,458)	(\$28,143)	(\$17,284)	\$10,859
Total Requirements	\$60,360	\$65,100	\$59,355	(\$5,745)
Full Time Equivalents	-	-	-	-

Department of Homeland Security
U.S. Coast Guard
Acquisition, Construction and Improvements
IV. Shore and ATON
Summary of Requirements by Object Class
(Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Other Object Classes	-	-	-	-
21.0 Travel and Transportation of Persons	\$139	\$40	\$40	-
25.1 Advisory and Assistance Services	\$5,166	\$6,490	\$1,500	(\$4,990)
25.2 Other Services from Non-Federal Sources	\$2,375	\$685	\$685	-
26.0 Supplies and Materials	\$10,617	\$23,095	\$3,000	(\$20,095)
32.0 Land and Structures	\$47,954	\$127,608	\$112,029	(\$15,579)
Total, Other Object Classes	\$66,251	\$157,918	\$117,254	(\$40,664)
Adjustments	-	-	-	-
Unobligated Balance, start of year	(\$144,182)	(\$124,511)	(\$169,193)	(\$44,682)
Unobligated Balance, end of year	\$124,511	\$169,193	\$103,039	(\$66,154)
Recoveries of Prior Year Obligations	-	-	-	-
Total, Adjustments	(\$19,671)	\$44,682	(\$66,154)	(\$110,836)
Total Requirements	\$46,580	\$202,600	\$51,100	(\$151,500)
Full Time Equivalents	-	-	-	-

Department of Homeland Security
U.S. Coast Guard
Acquisition, Construction and Improvements
V. Personnel and Management
Summary of Requirements by Object Class
(Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Personnel and Compensation Benefits	-	-	-	-
11.1 Full-time Permanent	\$46,063	\$51,597	\$52,948	\$1,351
11.3 Other than Full-Time Permanent	\$57	\$64	\$66	\$2
11.5 Other Personnel Compensation	\$542	\$607	\$623	\$16
11.6 Military Personnel-Basic Allowance for Housing	\$10,390	\$10,402	\$10,832	\$430
11.7 Military Personnel	\$28,876	\$31,933	\$32,564	\$631
11.8 Special Personal Services Payments	\$94	\$104	\$106	\$2
12.1 Civilian Personnel Benefits	\$12,725	\$14,254	\$14,627	\$373
12.2 Military Personnel Benefits	\$2,505	\$2,769	\$2,823	\$54
13.0 Benefits for Former Personnel	\$88	\$98	\$100	\$2
Total, Personnel and Compensation Benefits	\$101,340	\$111,828	\$114,689	\$2,861
Other Object Classes	-	-	-	-
21.0 Travel and Transportation of Persons	\$1,074	\$712	\$713	\$1
22.0 Transportation of Things	\$997	\$661	\$662	\$1
23.2 Rental Payments to Others	\$77	\$51	\$51	-
25.2 Other Services from Non-Federal Sources	\$341	\$226	\$226	-
25.8 Subsistence & Support of Persons	\$3,302	\$2,191	\$2,191	-
26.0 Supplies and Materials	\$3,038	\$2,015	\$2,016	\$1
42.0 Insurance Claims and Indemnities	\$385	\$385	\$385	-
Total, Other Object Classes	\$9,214	\$6,241	\$6,244	\$3
Adjustments	-	-	-	-
Unobligated Balance, start of year	-	-	-	-
Unobligated Balance, end of year	-	-	-	-
Total, Adjustments	-	-	-	-
Total Requirements	\$110,554	\$118,069	\$120,933	\$2,864
Full Time Equivalent	759	889	897	8

L. Permanent Positions by Grade

Department of Homeland Security
U.S. Coast Guard
Acquisition, Construction and Improvements
Military
 Permanent Positions by Grade

Grades and Salary Range	FY 2015	FY 2016	FY 2017	FY 2016 to
	Revised Enacted	Enacted	Request	FY 2017 Change
	Pos.	Pos.	Pos.	Total
O-8	2	2	2	-
O-6	18	18	18	-
O-5	43	43	43	-
O-4	85	86	86	-
O-3	83	85	85	-
O-2	3	3	3	-
CWO	49	49	49	-
E-9	4	4	4	-
E-8	12	12	12	-
E-7	43	43	43	-
E-6	37	37	37	-
E-5	27	27	27	-
E-4	15	15	15	-
Total Permanent Positions	421	424	424	-
Total Perm. Employment EOY	421	424	424	-
Headquarters Military Positions	138	141	141	-
U.S. Field Military	283	283	283	-
Total, Acquisition, Construction and Improvements:	421	424	424	-
FTE	367	423	424	1
Average Grade, Officer Positions	4	4	4	-
Average Salary, Officer Positions	128,214	128,541	130,643	2,102
Average Salary, Enlisted Positions	78,977	77,058	78,794	1,736
Average Grade, Enlisted Positions	6	6	6	-

Department of Homeland Security
U.S. Coast Guard
Acquisition, Construction and Improvements
Civilian
Permanent Positions by Grade

Grades and Salary Range	FY 2015	FY 2016	FY 2017	FY 2016 to
	Revised Enacted	Enacted	Request	FY 2017 Change
	Pos.	Pos.	Pos.	Total
Total, SES	2	2	2	-
GS-15	37	39	39	-
GS-14	136	138	138	-
GS-13	196	204	204	-
GS-12	74	75	75	-
GS-11	17	17	17	-
GS-10	1	1	1	-
GS-9	4	4	4	-
GS-8	3	3	3	-
GS-7	4	4	4	-
GS-6	2	2	2	-
Other Graded Positions	1	1	1	-
Total Permanent Positions	477	490	490	-
Unfilled Positions EOY	68	75	70	(5)
Total Perm. Employment (Filled Positions) EOY	409	415	420	5
Headquarters	271	284	284	-
U.S. Field	206	206	206	-
Total, Acquisition, Construction and Improvements:	477	490	490	-
FTE	392	466	473	7
Average Personnel Costs, ES Positions	222,900	224,621	218,700	(5,921)
Average Personnel Costs, GS Positions	141,886	142,778	142,534	(244)
Average Grade, GS Positions	13	13	13	-

M. Changes in Full Time Employment

	FY 2015	FY 2016	FY 2017
BASE: Year End Actual from Prior Year	721	759	889
Increases	38	130	8
Year End Actuals/Estimated FTEs:	759	889	897
Net Change from prior year base to Budget Year Estimate	38	130	8

**Department of
Homeland Security**
United States Coast Guard
Research, Development, Test and Evaluation



Fiscal Year 2017
Congressional Justification

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Schedule I – Executive Summary of Appropriation Exhibits

A. Summary of Budget Estimates by Program Project Activity- Appropriation Level

Department of Homeland Security
U.S. Coast Guard
Research, Development, Test and Evaluation
 Summary of FY 2017 Budget Estimates by Program Project Activity
 (Dollars in Thousands)

Program Project Activity	FY 2015			FY 2016			FY 2017			Increase(+) or Decrease(-) for		
	Revised Enacted ¹			Enacted			Request			Total Changes		
	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount
Research, Development, Test and Evaluation	96	87	\$17,892	96	96	\$18,019	96	96	\$18,319	-	-	\$300
Total, Research, Development, Test and Evaluation	96	87	\$17,892	96	96	\$18,019	96	96	\$18,319	-	-	\$300
Subtotal, Enacted Appropriations & Budget Estimates	96	87	\$17,892	96	96	\$18,019	96	96	\$18,319	-	-	\$300
OSLTF Contribution	-	-	[\$500]	-	-	[\$500]	-	-	[\$500]	-	-	-
Net, Enacted Appropriations and Budget Estimates:	96	87	\$17,892	96	96	\$18,019	96	96	\$18,319	-	-	\$300

¹Reflects reprogrammings/transfers, as applicable, and actual FTE. This footnote applies to all FY 2015 Revised Enacted tables throughout the CJ Submission

Overview

A. Mission Statement for Research, Development, Test and Evaluation (RDT&E):

Research, Development, Test, and Evaluation (RDT&E) funding sustains critical Coast Guard mission capabilities through applied research, testing, development, and evaluation programs. Several programs include partnerships with the Department of Homeland Security (DHS), the Department of Defense (DoD), or other Federal or private research organizations.

B. Budget Activities:

The RDT&E program is comprised of the Office of RDT&E at Coast Guard Headquarters in Washington, D.C., and the Research and Development Center (RDC) at New London, Conn. The RDC is the Coast Guard’s sole facility performing applied RDT&E experimentation and demonstrations. The RDT&E activities sustain program infrastructure and core capabilities, knowledge, skills, experience, and facilities to give the Coast Guard a strong evidence-based foundation for operational and capital investment decision-

making. Activities include formulation and oversight of cooperative agreements with relevant professionals in the public and private sectors, such as University Affiliated Research Centers (UARC) and Federally Funded Research & Development Centers (FFRDC). These agreements promote collaboration and leverage expertise and the development of techniques, methods, hardware, and systems that directly contribute to increasing productivity and effectiveness of Coast Guard missions.

C. Budget Request Summary:

The FY 2017 request funds 96 positions, 96 FTE, and \$18.319 million for RDT&E. This request provides necessary resources to develop technologies and systems that improve operational presence and response, as well as perform technology assessments to inform the early stages of the acquisition process. Of the funds requested, \$0.5 million is derived from the Oil Spill Liability Trust Fund as authorized by the Oil Pollution Act of 1990 (33 USC § 2701-2761).

B. FY 2016 to FY 2017 Budget Change - Appropriation Level

**Department of Homeland Security
U.S. Coast Guard
Research, Development, Test and Evaluation
FY 2016 to FY 2017 Budget Change
(Dollars in Thousands)**

	Pos.	FTE	Amount
FY 2015 Revised Enacted	96	87	\$17,892
FY 2016 Enacted	96	96	\$18,019
Adjustments-to-Base			
Increases			
Annualization of 2016 Military and Civilian Pay Raise	-	-	\$155
2017 Military Pay Raise	-	-	\$19
2017 Civilian Pay Raise	-	-	\$135
2017 Military Allowances	-	-	\$18
2017 Civilian Allowances	-	-	\$12
Total, Increases	-	-	\$339
Decreases			
2016 Civilian Compensable Work Day	-	-	(\$39)
Total, Decreases	-	-	(\$39)
Total Adjustments-to-Base	-	-	\$300
FY 2017 Current Services	96	96	\$18,319
FY 2017 Request	96	96	\$18,319
FY 2016 to FY 2017 Change	-	-	\$300

C. FY 2017 Investment Summary - Appropriation Level

N/A

Schedule II – Program, Project, Activity (PPA) Exhibits

D. FY 2016 to FY 2017 Budget Change- PPA Level

**Department of Homeland Security
United States Coast Guard
Research, Development, Test and Evaluation
FY 2016 to FY 2017 Budget Change- PPA Level
(Dollars in Thousands)**

Research, Development, Test and Evaluation		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	96	87	17,892
Base	FY 2016 Enacted	96	96	18,019
Current Services	Annualization of 2016 Military and Civilian Pay Raise	-	-	155
	2017 Military Pay Raise	-	-	19
	2017 Civilian Pay Raise	-	-	135
	2017 Military Allowances	-	-	18
	2017 Civilian Allowances	-	-	12
	2016 Civilian Compensable Work Day	-	-	(39)
Budget Year	FY 2017 Request	96	96	18,319
	Total Change from FY 2016 to FY 2017	-	-	300

PPA DESCRIPTION:

The RDT&E Program identifies and examines existing or impending challenges in the Coast Guard’s operational, regulatory, and support programs. Leveraging partnerships with academia, other government agencies and private industry, the RDT&E Program develops scientific and technological-based solutions and executes technology transfer Cooperative Research and Development Agreements (CRADAs). The program also conducts risk analysis and provides services in the pre-acquisition process of major and non-major acquisition projects. .

The FY 2017 request supports several Research Focus Areas:

Unmanned Systems
Arctic Operations
Sensor Optimization, Automation and Visualization
Intelligence and Cyber
Waterways Management and Environmental Response
Operational Performance Improvements and Modeling

Unmanned Systems

Description: Assess and evaluate small Unmanned Aerial Systems (sUAS) and Unmanned Maritime (surface) Vehicles (UMVs), for surveillance, detection, classification, and identification missions; develop and test advanced sUAS and UMV payloads (direction finding, SIGINT, underwater acoustic classification) in partnership with both industry and DoD; initiate investigation into Unmanned System threats to maritime sector/first responders; and develop applications of the uses of Unmanned Systems beyond traditional surveillance operations.

Prior Year Key Events:

- Assessed state-of-the-market/technology for both sUAS AND UMVs;
- Developed a matrix of potential Coast Guard uses of Unmanned Systems for other than surveillance purposes;
- Conducted field evaluations of sUAS in realistic maritime security and first responder scenarios.

Current Year Key Events:

- Conduct technology demonstration and field evaluation of UMVs with various sensor payloads;
- Identify, evaluate, and integrate small UAS and conduct tests on advanced UAS sensor systems;
- Conduct field evaluations to address known technological gaps in the maritime environment sUAS field.

Budget Year Key Events:

- Conduct technology demonstration of tethered Aerial Surveillance Systems to extend surface vessel sensor range;
- Analyze results of field evaluation of advanced sensors on sUAS to determine mission performance impact;
- Conduct field evaluations of sUAS in various environmental conditions.

Funding History:

(Thousands)

FY14	FY15	FY16
\$2,210	\$1,246	\$796

Project Schedule Including Milestones:FY 2016:

- Expanded Use of Unmanned Systems to Non-Surveillance Activities Report
- (UMV) for CG Missions Technology Demonstration
- sUAS Site Evaluation Study Report
- UMV for CG Missions Demonstration Test Report
- Tethered Aerial Surveillance and Communication Systems (TASCS) Demonstrations

FY 2017:

- Evaluate NextGen Sensors on Target Set
- Operational Utility of TASCS Technology Report
- Conduct sUAS DF Payloads Demonstration
- Submit Post-Demonstration Modeling Report
- Advanced sUAS Sensors Investigations Final Report
- sUAS DF Payloads Final Report

Type of Research:

- Unmanned Systems research consists of applied research through system development.

Technical Readiness Level:

- Unmanned Systems research includes concepts and technology spanning technology readiness levels 3 through 7.

Arctic Operations

Description: Evaluate and test solutions to Arctic maritime communication challenges; continue development and testing of the next generation arctic navigation safety information system with private and public partnerships; plan and lead the month-long Arctic Shield 2017 multi-agency and academic technology demonstrations; and continue to develop cutter boat shore transfer capability in remote areas.

Prior Year Key Events:

- Conducted field testing and evaluation of Navigation, Communications, and Detection (NC&D) Equipment for Ice Rescue Teams;
- Conducted technology demonstrations for Oil in Ice spill response equipment;
- Conducted test of Arctic Navigation Safety Information System (ANSIS) prototype;
- Conducted evaluation of various communications technologies for reliable maritime communications in the Arctic.

Current Year Key Events:

- Conduct follow-on evaluation of various communications technologies for reliable maritime communications in the Arctic;
- Conduct follow-on technology demonstrations for Oil in Ice spill response equipment.

Budget Year Key Events:

- Develop guide for Federal On Scene Coordinator (FOSC) with respect to technology use for response to Oil in Ice spills;
- Assess mariner utilization of Arctic Navigation Safety Information System (ANSIS) prototype;
- Complete evaluation of various communications technologies for reliable maritime communications in the Arctic.

Funding History:

(Thousands)

FY14	FY15	FY16
\$5,080	\$5,018	\$5,065

Project Schedule Including Milestones:

FY 2016:

- Develop and build ANSIS Technology Demonstration System (Next Gen NAVTEX Beta Test)

FY2017:

- Arctic Technology After Action Report 2016
- Final Report Oil in Ice Input for FOSC Guide
- ANSIS Technology Demonstration Report

Type of Research:

- Arctic research consists of applied research through system development.

Technical Readiness Level:

- Arctic research includes concepts and technology spanning technology readiness levels 3 through 7.

Sensor Optimization, Automation and Visualization

Description: Evaluate electro-optical and mid-wave infrared sensor systems impacts to search planning; pilot a Mobile Modular Maritime Domain Awareness (M3DA) capability in partnership with DHS S&T University Program; test the application and potential mission improvement of immersive sensors, handheld technologies, and personnel protective equipment; develop and evaluate alternative visual distress signals and contraband markers.

Prior Year Key Events:

- Developed and tested a unique, conspicuous visual distress signal to serve as a possible alternative to red hand-flares in the carriage requirements for domestic recreational boats;
- Conducted field evaluations of various sensors for detection, mapping, and reporting oil spills;
- Developed and tested a prototype abandoned object and vessel marker to support Over The Horizon (OTH) CG activities and boat marking systems for adrift and abandoned boats.

Current Year Key Events:

- Conduct Joint Task Force technology demonstration to determine applicability of interagency sensors (land-based, surface and airborne) and communications systems that meet defined mission needs;
- Conduct field evaluation of the latest Night Vision Device technology.

Budget Year Key Events:

- Develop and evaluate new methods for planning multi-sensor and electro-optical searches;
- Develop and conduct a technology demonstration for a Distributed Aperture System to improve the situational awareness of boat coxswains;
- Conduct a technology assessment of ways to provide protection for Coast Guard aviators from the increasing incidents of laser strikes.

Funding History:

(Thousands)

FY14	FY15	FY16
\$1,800	\$2,574	\$2,059

Project Schedule Including Milestones:FY2017:

- Automatic Transport of SAR Patterns Fixed Wing Test
- Distributed Aperture System Demonstration
- Mobile Modular Maritime Domain Awareness (M3DA) Summary Report
- Automatic Transport of SAR Patterns Rotary Wing Test
- Joint Demonstration Report for Distributed Aperture System for Surface Asset Sensors
- Automatic Transport of SAR Patterns Final Summary Report

Type of Research:

- Sensor Optimization, Automation and Visualization consists of applied research through system development.

Technical Readiness Level:

- Sensor Optimization Automation and Visualization includes concepts and technology spanning technology readiness levels 3 through 7.

Intelligence and Cyber

Description: Work with port partners and leverage DoD and National Protection and Programs Directorate (NPPD) technologies to evaluate existing cyber-security tools for port critical infrastructure protection and resilience. Investigate enhanced intelligence collection technologies and new analytic techniques to improve Intelligence, Surveillance, and Reconnaissance (ISR), Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) capability and opportunity for criminal prosecution.

Prior Year Key Events:

- Investigated cyber-based vulnerabilities of, and threats to, Wireless Application Protocol (WAP)-enabled Critical Infrastructure/Key Resources within our maritime port facilities;

- Conducted demonstrations to seamlessly and securely integrate Next Generation 9-1-1 Public Safety Answering Point (PSAP) distress calls with Coast Guard enterprise systems in support of the Search and Rescue mission;
- Conducted a technical and operational comparative analysis of satellite-based imagery for potential use in North Atlantic Iceberg detection;
- Conducted market research, identify, and assess state of the market Commercial/Government Off the Shelf geo-locating system(s) to improve geo-positioning of maritime distress and distress hoax locations;
- Conducted a demonstration of integrated tactical communications/data between NORTHCOM, Joint Task Force Operations Center and Coast Guard District and Sector assets.

Current Year Key Events:

- Evaluate risk assessment tools used to manage cyber security at port facilities;
- Conduct evaluation of various alternatives to provide tactical communications for rapidly sharing data among Sectors and mobile assets;
- Conduct technology demonstration of new technology geo-location systems;
- Develop a prototype flexible communications/information system to enhance the ability to transfer information that will assist during field operations;
- Partner with DHS S&T to conduct studies of voice and social media forensics.

Budget Year Key Events:

- Conduct evaluation of vulnerability/threat/consequence chain mitigations through technology implementations;
- Develop an IT system modeling tool that allows engineers to accurately predict the impact a proposed application, a sub-system failure, or software/hardware obsolescence will have on Coast Guard IT systems;
- Conduct field evaluations to enable regulation to safeguard critical information in the Marine Transportation System;
- Select and test technology that will unambiguously mark fixed and moving security zones.

Funding History

(Thousands)

FY14	FY15	FY16
\$2,302	\$2,317	\$2,554

Project Schedule Including Milestones:

FY 2016:

- Cyber Security Risk Assessment Tools Report
- Long-Term Solution to Communicate Exclusion Zones Field Evaluation
- Maritime Geo-Fence Tech Demonstration Report

FY2017:

- Demonstrate C4IT Enterprise Forecast Visualization Tool (C-EFVT)
- MTS Vulnerabilities, Consequences and Mitigations Report
- Report on Long-Term Solution Field Evaluation

Type of Research:

- Intelligence and Cyber research consists of applied research through technology demonstrations.

Technical Readiness Level:

- Intelligence and Cyber includes concepts and technologies spanning technology readiness levels 3 through 6.

Waterways Management and Environmental Response

Description: Provide technical expertise in the areas of pollution prevention and response, non-indigenous species, and fisheries management. Develop and test Insitu Burning (ISB) countermeasure technologies and continue investigation into viability of wellhead ignition ISB. Research and develop solutions for detection and mitigation of oil and oil products on the surface and in the water column. Develop and test technologies to replace traditional buoys and mooring systems with environmentally friendly systems or electronic navigation systems.

Prior Year Key Events:

- Conducted analysis of Oil Sands Products spill behavior and potential issues and technologies to respond;
- Conducted technology demonstrations of a prototype flexible interoperable communication/information system to enhance the ability to transfer information for personnel responding to an Incident Of National Significance (e.g., oil spill);
- Completed prototype development for a data recording system for record boat operations for use in engineering, safety, and training functions.

Current Year Key Events:

- Assess the capabilities and limitations of offshore wellhead ignition as a spill response tool;
- Conduct field testing of alternative robotic technologies for performing remote area assessments in unsafe environments;
- Conduct field evaluations of the operational performance of diesel outboard engines for Coast Guard boats.

Budget Year Key Events:

- Develop a prototype Equipment Surge Risk Assessment Tool to support FOSC decision making;
- Demonstrate benefits and demands posed by e-Nav technology to inform maritime security, safety, and mobility requirements in the Western Rivers;
- Develop new spill response technologies that detect and mitigate oil within the water column down to 10,000 feet;
- Develop navigational safety risk assessment tool for coastal wind farms sighting.

Funding History:

(Thousands)

FY14	FY15	FY16
\$3,647	\$3,576	\$2,932

Project Schedule Including Milestones:

FY 2016:

- Environmentally Friendly Buoy Mooring System Prototype Design Report

FY2017:

- Mobile Asset Tracking and Reporting During an IONS Technology Demonstrations
- System Integration with COTS IAP Software Test Results and Recommendations (Report)
- Environmentally Friendly Buoy Mooring System Prototype Testing
- Environmentally Friendly Buoy Mooring System Prototype Development Report
- Western Rivers Electronic Aids to Navigation (e-AtoN) Demonstration
- Develop Equipment Surge Risk Assessment Tool (ESRAT) Conceptual Model
- Validate ESRAT Conceptual Model with Stakeholders

Type of Research:

- Waterways Management and Environmental Response research consists of applied research through systems development.

Technical Readiness Level:

- Waterways Management and Environmental Response includes concepts and technologies spanning technology readiness levels 3 through 7.

Operational Performance Improvements and Modeling

Description: Develop enhancements to campaign-level modeling capability for Coast Guard-wide asset allocation and force structure decision support. Continue development and roll-out support of innovative interdiction patrol tactics using probabilistic-based search and game theory techniques. Investigate applications of modeling and simulation to evaluate and improve Coast Guard analytic competencies (mission analysis, crew efficiency, manpower requirements, C4IT obsolescence). Investigate technologies for improving overall mission performance such as automatic transport of SAR patterns, mobile technology for data entry, and boarding team equipment for Coast Guard fleet implementation.

Prior Year Key Events:

- Completed concept development and evaluation of innovative interdiction patrol tactics;
- Initiated limited field evaluation of Non-Lethal Impact Munitions;
- Developed a Game Theoretic Fish Patrol Schedule model to improve effectiveness and efficiency of the Living Marine Resources mission;
- Completed hardware and software build of next generation CGMOES;
- Developed a Port Resilience Operational/Tactical Enforcement to Counter Terrorism (PROTECT) Force Distribution Model that schedules multiple Coast Guard patrolling assets.

Current Year Key Events:

- Develop Port Resiliency Decision Toolkit prototype;
- Conduct testing of next generation CGMOES;
- Conduct simulator testing of aviation Tactile Situational Awareness System;
- Develop an adaptive, multi-stage campaign-modeling approach to analyze alternative adversary tactical strategies.

Budget Year Key Events:

- Conduct a field technology demonstration of a prototype flexible communications/information system;
- Develop and test a prototype Radio Frequency Vessel Stopping system;
- Develop a simulation framework for development of mass migration planning tool.

Funding History:

(Thousands)

FY14	FY15	FY16
\$4,691	\$2,683	\$3,630

Project Schedule Including Milestones:

FY 2016:

- Less-than-Lethal Radio Frequency Vessel Stopping Technologies (RFVS) Report
- Conduct Three-Dimensional (3D) Printing Trial
- Innovative Interdiction Patrol Tactics Proof of Concept Analysis Report
- Tactical Communications to Enhance Coast Guard Operations Technical Demonstration
- Innovative Interdiction Patrol Tactics Multi-stage Campaign Modeling Evaluation

FY2017:

- Interdiction Tactical Patrol Scheduling Evaluation Report
- Conduct Field Test/Demonstration of Over the Horizon Cutter Boat (OTH-CB) Vectoring Alternative Solution
- Build RFVS Demonstrator
- Non-Lethal Impact Munitions (NLIM)Limited User Evaluation Summary Letter Report
- RFVS FY16 Report
- Tactical Communications Report & Transition Assessment
- Results of OTH-CB Vectoring Alternative Evaluation & Recommendations
- Developmental Test and Evaluation of RFVS Prototype
- Investigation of 3D Printing Technology for Coast Guard Applications Report
- Mobile Technology for Operational Efficiency Demonstration
- Mobile Technology for Operational Efficiency: System Test Results and Recommendations

Type of Research:

- Operational Performance Improvements and Modeling research consists of applied research through system development.

Technical Readiness Level:

- Operational Performance Improvements and Modeling includes concepts and technologies spanning technology readiness levels 3 through 7.

**Department of Homeland Security
U.S. Coast Guard
Research, Development, Test and Evaluation**

Cost Drivers (Pay & Benefits) - PPA Level (Excludes Reimbursables) (\$000s)

	FY 2015 Revised Enacted ¹				FY 2016 Enacted				FY 2017 Request				FY 2016 to 2017 Change			
	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost
Civilian Total	76	72	\$10,479	\$145	79	79	\$10,994	\$139	79	79	\$11,236	\$142	-	-	\$242	\$3
Military Total	20	15	\$1,739	\$115	17	17	\$1,842	\$108	17	17	\$1,900	\$112	-	-	\$58	\$4

¹Reflects reprogrammings/transfers, as applicable, and actual FTE. The use of FY 2015 FTE Actuals and FY2015 Revised Enacted Budgetary Resources in the Pay Cost Drivers Exhibit may reflect a higher average FTE Cost than represented in the FY 2016 Enacted or FY 2017 Request average cost columns.

NARRATIVE EXPLANATION OF CHANGES – PAY COST DRIVERS:

- **FTE Change FY 2016-2017:** None
- **PCB Change FY 2016-2017:** Provides funding to annualize the FY 2016 military and civilian (1.3 percent) pay raise. Provides funding for the FY 2017 military and civilian (1.6 percent) pay raise. Provides funding for required contributions to Federal Employee Government Life Insurance (FEGLI), Federal Employee Health Benefits (FEHB), and TSP Government Contributions.
- **Average Cost Change FY 2016-2017:** Average cost change is due to the increased personnel costs related to the pay raise and personnel benefits being allocated to the same number of FTE appropriated in FY 2016.
- **Bonuses and Performance Awards:** FY 2017 request estimates \$71 thousand for bonuses and performance awards. This request remains in line with OPM Awards Guidance on Spending Limitation.

**Department of Homeland Security
U.S. Coast Guard
Research, Development, Test and Evaluation**

Cost Drivers (Non-Pay) - PPA Level (\$000s)

Appropriation - Research, Development, Test and Evaluation	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
FY 2017 Non- Pay Cost Drivers (greatest-least)				
Research, Development, Test, and Evaluation Activities	\$4,028	\$3,411	\$3,304	(\$107)
Management and Administration	\$1,646	\$1,773	\$1,880	\$107
Total	\$5,674	\$5,184	\$5,184	(\$0)

NARRATIVE EXPLANATION OF CHANGES – NON-PAY COST DRIVERS:

- **FY 2017 Research, Development, Test and Evaluation Activities:** These costs are based on planned expenditures for research initiatives. Main cost drivers include technical and research contracts, as well as procurement of equipment and supplies. Minor decreases to this cost driver reflect the anticipated research portfolio and associated funding requirements.
- **FY 2017 Management and Administration:** Costs increase is due to increased rental payments to the General Services Administration (GSA). This increase is driven by rent requirements of the Research and Development Center located in New London, Connecticut.

Schedule III – Other Exhibits

E. Justification of Proposed Legislative Language

**Department of Homeland Security
United States Coast Guard
Research, Development, Test and Evaluation**

For necessary expenses for applied scientific research, development, test, and evaluation; and for maintenance, rehabilitation, lease, and operation of facilities and equipment[;],¹ as authorized by law; [\$18,019,000]**\$18,319,000**², to remain available until September 30, [2018]**2019**³, of which \$500,000 shall be derived from the Oil Spill Liability Trust Fund to carry out the purposes of section 1012(a)(5) of the Oil Pollution Act of 1990 (33 U.S.C. 2712(a)(5)): Provided, That there may be credited to and used for the purposes of this appropriation funds received from State and local governments, other public authorities, private sources, and foreign countries for expenses incurred for research, development, testing, and evaluation.

Language Provision	Explanation
¹ ... [;],	Grammar change only. No substantial change proposed.
² ... [\$18,019,000] \$18,319,000	Dollar change only. No substantial change proposed.
³ ... [2018] 2019	Fiscal year change only. No substantial change proposed.

F. Summary of Fee Collections and Carryover

N/A

G. Summary of Reimbursable Resources

**Department of Homeland Security
U.S. Coast Guard
Research, Development, Test and Evaluation
Summary of Reimbursable Resources
(Dollars in Thousands)**

Collections by Source:	FY 2015 Revised Enacted			FY 2016 Enacted			FY 2017 Request			Increase/Decrease		
	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount
Bureau of Safety and Environmental Enforcement	-	-	\$260	-	-	\$750	-	-	\$750	-	-	-
U.S. Environmental Protection Agency	-	-	\$1,565	-	-	\$1,900	-	-	\$1,500	-	-	(\$400)
Other Federal Agencies	-	-	-	-	-	\$1,000	-	-	\$400	-	-	(\$600)
Department of Army	-	-	-	-	-	\$200	-	-	\$200	-	-	-
Department of Navy	-	-	-	-	-	\$200	-	-	\$50	-	-	(\$150)
Department of Homeland Security	-	-	\$1,684	-	-	\$6,500	-	-	\$3,750	-	-	(\$2,750)
Total Budgetary Resources	-	-	\$3,509	-	-	\$10,550	-	-	\$6,650	-	-	(\$3,900)

Obligations by Program/Project Activity:	FY 2015 Revised Enacted			FY 2016 Enacted			FY 2017 Request			Increase/Decrease		
	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount
Oil in Water Column	-	-	-	-	-	\$250	-	-	-	-	-	(\$250)
Other Project Activity	-	-	-	-	-	\$1,000	-	-	\$400	-	-	(\$600)
Financial Acquisition Asset Management System	-	-	\$423	-	-	\$500	-	-	-	-	-	(\$500)
Ballast Water Management Systems (BWMS)	-	-	-	-	-	\$300	-	-	-	-	-	(\$300)
Robotic Aircraft for Marine Public Safety (RAMPS)	-	-	\$461	-	-	\$150	-	-	-	-	-	(\$150)
Improved In-Situ Burn for Offshore Use	-	-	\$260	-	-	-	-	-	-	-	-	-
Airborne Sensing	-	-	-	-	-	\$200	-	-	\$200	-	-	-
Innovation Testing and Deployment (DHS)	-	-	-	-	-	\$4,000	-	-	-	-	-	(\$4,000)
Invasive Species	-	-	\$865	-	-	-	-	-	\$1,000	-	-	\$1,000
Port Resiliency Technology Transfer	-	-	-	-	-	\$750	-	-	\$750	-	-	-
Homeport Internet Portal (HIP) Transition Analysis	-	-	\$800	-	-	-	-	-	\$2,000	-	-	\$2,000
Cyber (DHS)	-	-	-	-	-	\$1,000	-	-	\$1,000	-	-	-
Joint Requirements Council	-	-	-	-	-	\$1,000	-	-	\$750	-	-	(\$250)
GLRI BW Other - Practicability	-	-	-	-	-	\$900	-	-	-	-	-	(\$900)
Response to Oil in Ice	-	-	\$700	-	-	\$450	-	-	\$500	-	-	\$50
JMTD/NAVY Joint Project and Support	-	-	-	-	-	\$50	-	-	\$50	-	-	-
Total Obligations	-	-	\$3,509	-	-	\$10,550	-	-	\$6,650	-	-	(\$3,900)

H. FY 2017 Schedule of Working Capital Fund by Program/Project Activity

N/A

I. Capital Investment and Construction Initiative Listing

N/A

J. Object Class Breakout by Appropriation

Department of Homeland Security
U.S. Coast Guard
Research, Development, Test and Evaluation
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
Personnel Compensation and Benefits				
11.1 Full-time Permanent	\$7,985	\$8,500	\$8,675	\$175
11.3 Other than Full-Time Permanent	\$147	\$147	\$150	\$3
11.5 Other Personnel Compensation	\$86	\$86	\$88	\$2
11.6 Military Personnel-Basic Allowance for Housing	\$397	\$500	\$518	\$18
11.7 Military Personnel	\$1,230	\$1,230	\$1,267	\$37
11.8 Special Personal Services Payments	\$4	\$4	\$4	-
12.1 Civilian Personnel Benefits	\$2,261	\$2,261	\$2,323	\$62
12.2 Military Personnel Benefits	\$104	\$104	\$107	\$3
13.0 Benefits for Former Personnel	\$4	\$4	\$4	-
Total, Personnel Compensation and Benefits	\$12,218	\$12,836	\$13,136	\$300
Other Object Classes				
21.0 Travel and Transportation of Persons	\$478	\$729	\$306	(\$423)
22.0 Transportation of Things	\$55	\$84	\$35	(\$49)
23.1 Rental Payments to GSA	\$1,268	\$1,277	\$1,286	\$9
23.2 Rental Payments to Others	\$56	\$85	\$36	(\$49)
23.3 Communications, Utilities, and Misc. Charges	\$381	\$581	\$244	(\$337)
25.1 Advisory and Assistance Services	\$1,520	\$2,317	\$858	(\$1,459)
25.2 Other Services from Non-Federal Sources	\$26	\$40	\$17	(\$23)
25.4 Operation and Maintenance of Facilities	\$8	\$12	\$5	(\$7)
25.5 Research and Development Contracts	\$2,548	\$3,884	\$1,630	(\$2,254)
25.6 Medical Care	\$123	\$188	\$79	(\$109)
26.0 Supplies and Materials	\$607	\$925	\$501	(\$424)
31.0 Equipment	\$266	\$405	\$169	(\$236)
42.0 Insurance Claims and Indemnities	\$17	\$17	\$17	-
Total, Other Object Classes	\$7,353	\$10,544	\$5,183	(\$5,361)
Total, Direct Obligations	\$19,571	\$23,380	\$18,319	(\$6,413)

Object Classes	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
Adjustments				
Unobligated Balance, start of year	(\$6,205)	(\$5,361)	-	\$5,361
Unobligated Balance, end of year	\$5,361	-	-	-
Recoveries of Prior Year Obligations	(\$6,528)	-	-	-
Total Requirements¹	\$12,199	\$18,019	\$18,319	\$300

¹ Excludes reimbursable requirements.

K. Object Class Breakout by PPA

Department of Homeland Security
U.S. Coast Guard
Research, Development, Test and Evaluation
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Personnel Compensation and Benefits	-	-	-	-
11.1 Full-time Permanent	\$7,985	\$8,500	\$8,675	\$175
11.3 Other than Full-Time Permanent	\$147	\$147	\$150	\$3
11.5 Other Personnel Compensation	\$86	\$86	\$88	\$2
11.6 Military Personnel-Basic Allowance for Housing	\$397	\$500	\$518	\$18
11.7 Military Personnel	\$1,230	\$1,230	\$1,267	\$37
11.8 Special Personal Services Payments	\$4	\$4	\$4	-
12.1 Civilian Personnel Benefits	\$2,261	\$2,261	\$2,323	\$62
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13.0 Benefits for Former Personnel	\$4	\$4	\$4	-
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Other Object Classes	-	-	-	-
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31.0 Equipment	\$266	\$405	\$169	(\$236)
42.0 Insurance Claims and Indemnities	\$17	\$17	\$17	-
Total, Other Object Classes	\$7,353	\$10,544	\$5,183	(\$5,361)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Adjustments	-	-	-	-
Unobligated Balance, start of year	(\$6,205)	(\$5,361)	-	\$5,361
Unobligated Balance, end of year	\$5,361	-	-	-
Recoveries of Prior Year Obligations	(\$6,528)	-	-	-
Total, Adjustments	(\$7,372)	(\$5,361)	-	\$5,361
Total Requirements	\$12,199	\$18,019	\$18,319	\$300
Full Time Equivalents	87	96	96	-

L. Permanent Positions by Grade

Department of Homeland Security
U.S. Coast Guard
Research, Development, Test and Evaluation
Military
 Permanent Positions by Grade

Grades and Salary Range	FY 2015	FY 2016	FY 2017	FY 2016 to
	Revised Enacted	Enacted	Request	FY 2017 Change
	Pos.	Pos.	Pos.	Total
O-6	2	2	2	-
O-5	1	1	1	-
O-4	3	3	3	-
O-3	7	7	7	-
CWO	1	-	-	-
E-7	1	-	-	-
E-6	3	2	2	-
E-4	1	1	1	-
E-3	1	1	1	-
Total Permanent Positions	20	17	17	-
Total Perm. Employment EOY	15	17	17	-
Headquarters Military Positions	2	2	2	-
U.S. Field Military	18	15	15	-
Total, Research, Development, Test and Evaluation:	20	17	17	-
FTE	15	17	17	-
Average Salary, Officer Positions	127,434	131,438	131,318	(120)
Average Grade, Officer Positions	4	4	4	-
Average Salary, Enlisted Positions	68,601	59,952	61,649	1,697
Average Grade, Enlisted Positions	5	5	5	-

Department of Homeland Security
U.S. Coast Guard
Research, Development, Test and Evaluation
Civilian
Permanent Positions by Grade

Grades and Salary Range	FY 2015	FY 2016	FY 2017	FY 2016 to
	Revised Enacted	Enacted	Request	FY 2017 Change
	Pos.	Pos.	Pos.	Total
GS-15	4	3	3	-
GS-14	14	16	16	-
GS-13	32	31	31	-
GS-12	20	22	22	-
GS-11	1	1	1	-
GS-9	-	1	1	-
GS-8	1	1	1	-
GS-7	2	2	2	-
GS-6	1	1	1	-
GS-5	-	1	1	-
Other Graded Positions	1	-	-	-
Total Permanent Positions	76	79	79	-
Total Perm. Employment (Filled Positions) EOY	72	76	79	3
Headquarters	5	5	5	-
U.S. Field	71	74	74	-
Total, Research, Development, Test and Evaluation:	96	96	96	-
FTE	72	79	79	-
Average Personnel Costs, GS Positions	132,863	133,477	132,144	(1,333)
Average Grade, GS Positions	13	13	13	-

M. Changes in Full Time Employment

N/A

Department of Homeland Security

United States Coast Guard

Medicare-Eligible Retiree Health Care Fund Contribution



Fiscal Year 2017

Congressional Justification

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Schedule I – Executive Summary of Appropriation Exhibits

A. Summary of Budget Estimates by Program Project Activity- Appropriation Level

Department of Homeland Security
U.S. Coast Guard
Medicare-Eligible Retiree Health Care Fund Contribution
 Summary of FY 2017 Budget Estimates by Program Project Activity
 (Dollars in Thousands)

Program Project Activity	FY 2015 ¹			FY 2016			FY 2017			Increase(+) or Decrease(-) for		
	Revised Enacted			Enacted			Request			Total Changes		
	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount
Medicare-Eligible Retiree Health Care Fund Contribution	-	-	\$176,970	-	-	\$168,847	-	-	\$160,899	-	-	(\$7,948)
Total, Medicare-Eligible Retiree Health Care Fund Contribution	-	-	\$176,970	-	-	\$168,847	-	-	\$160,899	-	-	(\$7,948)
Subtotal, Enacted Appropriations & Budget Estimates	-	-	\$176,970	-	-	\$168,847	-	-	\$160,899	-	-	(\$7,948)
Less: Adjustments for Other Funding Sources	-	-	-	-	-	-	-	-	-	-	-	-
Net, Enacted Appropriations and Budget Estimates:	-	-	\$176,970	-	-	\$168,847	-	-	\$160,899	-	-	(\$7,948)

Overview

A. Mission Statement for Medicare-Eligible Retiree Health Care Fund Contribution:

The Medicare-Eligible Retiree Health Care Fund Contribution (MERHCF) funds accrual of the Coast Guard’s military Medicare-eligible health benefit contribution to the Department of Defense (DoD) Medicare-Eligible Retiree Health Care Fund. Contributions are for future Medicare-eligible retirees, as well as retiree dependents and their potential survivors. The authority for the Coast Guard to make this payment on an annual basis is provided in P.L. 108-375, the 2005 Defense Appropriations Act. While this expenditure requires no annual action by Congress, it is scored as discretionary spending.

B. Budget Request Summary:

The FY 2017 President's Budget estimates that the Coast Guard's contributions will be \$160.899 million for Medicare-Eligible Retiree Health Care Fund Contribution. The total adjustment-to-base is a decrease \$7,948,000. In the FY 2017 Budget, DoD proposes a multi-year plan to replace the three current TRICARE plans with a consolidated TRICARE Health Plan. The 2017 proposals would

increase co-pays for pharmaceuticals and implement an enrollment fee for new TRICARE-for-Life (TFL) beneficiaries (similar to the reforms proposed in the FY 2016 Budget). This request will be paid to the DoD Medicare-Eligible Retiree Health Care Fund to support the benefits outlined above. The Coast Guard's annual budget estimate for MERHCF is calculated by multiplying the projected average force strength (FTE) by DoD actuary projected normal cost rates for active duty and reserve personnel.

B. FY 2016 to FY 2017 Budget Change - Appropriation Level

**Department of Homeland Security
U.S. Coast Guard
Medicare-Eligible Retiree Health Care Fund Contribution
FY 2016 to FY 2017 Budget Change
(Dollars in Thousands)**

	Pos.	FTE	Amount
FY 2015 Revised Enacted	-	-	\$176,970
FY 2016 Enacted	-	-	\$168,847
Adjustments-to-Base			
Increases			
Base Adjustments	-	-	\$6,659
Total, Increases	-	-	\$6,659
Decreases			
2017 Pharmacy Copay Accrual Saving	-	-	(\$7,629)
2017 TFL Enrollment Fee Accrual Saving	-	-	(\$6,978)
Total, Decreases	-	-	(\$14,607)
Total Adjustments-to-Base	-	-	(\$7,948)
FY 2017 Current Services	-	-	\$160,899
FY 2017 Request	-	-	\$160,899
FY 2016 to FY 2017 Change	-	-	(\$7,948)

C. FY 2017 Investment Summary - Appropriation Level

N/A

Schedule II – Program, Project, Activity (PPA) Exhibits
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D. FY 2016 to FY 2017 Budget Change- PPA Level

Department of Homeland Security
United States Coast Guard
Medicare-Eligible Retiree Health Care Fund Contribution
 FY 2016 to FY 2017 Budget Change- PPA Level
 (Dollars in Thousands)

Medicare-Eligible Retiree Health Care Fund Contribution		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	-	-	176,970
Base	FY 2016 Enacted	-	-	168,847
Current Services	Base Adjustments	-	-	6,659
	2017 Pharmacy Copay Accrual Saving	-	-	(7,629)
	2017 TFL Enrollment Fee Accrual Saving	-	-	(6,978)
Budget Year	FY 2017 Request	-	-	160,899
	Total Change from FY 2016 to FY 2017	-	-	(7,948)

PPA DESCRIPTION:

The FY 2017 President's Budget estimates that the Coast Guard's contributions will be \$160.899 million for Medicare-Eligible Retiree Health Care Fund Contribution. The total adjustment-to-base is a decrease of \$7,948,000. In the FY 2017 Budget, DoD proposes a multi-year plan to replace the three current TRICARE plans with a consolidated TRICARE Health Plan.

Department of Homeland Security
U.S. Coast Guard
Medicare-Eligible Retiree Health Care Fund Contribution
Cost Drivers (Non-Pay) - PPA Level (\$000s)

Appropriation - Medicare-Eligible Retiree Health Care Fund Contribution	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
FY 2017 Non- Pay Cost Drivers (greatest-least)				
Medicare-Eligible Retiree Health Care Fund Contribution	\$176,970	\$168,847	\$160,899	(\$7,948)
Total	\$176,970	\$168,847	\$160,899	(\$7,948)

NARRATIVE EXPLANATION OF CHANGES – NON-PAY COST DRIVERS:

- **Medicare-Eligible Retiree Health Care Fund Contribution:** Funds accrual of the Coast Guard's military Medicare-eligible health benefit contribution to the DoD Medicare-Eligible Retiree Health Care Fund based. Contributions are for future Medicare-eligible retirees, as well as retiree dependents and their potential survivors. The 2017 proposals would increase co-pays for pharmaceuticals and implement an enrollment fee for new TRICARE-for-Life (TFL) beneficiaries (similar to the reforms proposed in the FY 2016 Budget).

Schedule III – Other Exhibits

E. Justification of Proposed Legislative Language

N/A

F. Summary of Fee Collections and Carryover

N/A

G. Summary of Reimbursable Resources

N/A

H. FY 2017 Schedule of Working Capital Fund by Program/Project Activity

N/A

I. Capital Investment and Construction Initiative Listing

N/A

J. Object Class Breakout by Appropriation

Department of Homeland Security
U.S. Coast Guard
Medicare-Eligible Retiree Health Care Fund Contribution
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
Personnel Compensation and Benefits				
12.2 Military Personnel Benefits	\$176,970	\$168,847	\$160,899	(\$7,948)
Total, Personnel Compensation and Benefits	\$176,970	\$168,847	\$160,899	(\$7,948)
Total, Direct Obligations	\$176,970	\$168,847	\$160,899	(\$7,948)
Adjustments				
Unobligated Balance, start of year	-	-	-	-
Unobligated Balance, end of year	-	-	-	-
Recoveries of Prior Year Obligations	-	-	-	-
Total Requirements	\$176,970	\$168,847	\$160,899	(\$7,948)

K. Object Class Breakout by PPA

Department of Homeland Security
U.S. Coast Guard
Medicare-Eligible Retiree Health Care Fund Contribution
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Personnel Compensation and Benefits	-	-	-	-
12.2 Military Personnel Benefits	\$176,970	\$168,847	\$160,899	(\$7,948)
Total, Personnel Compensation and Benefits	\$176,970	\$168,847	\$160,899	(\$7,948)
Other Object Classes	-	-	-	-
Adjustments	-	-	-	-
Unobligated Balance, start of year	-	-	-	-
Unobligated Balance, end of year	-	-	-	-
Recoveries of Prior Year Obligations	-	-	-	-
Total Requirements	\$176,970	\$168,847	\$160,899	(\$7,948)
Full Time Equivalents	-	-	-	-

L. Permanent Positions by Grade

N/A

M. Changes in Full Time Employment

N/A

Department of Homeland Security

*United States Coast Guard
Retired Pay*



Fiscal Year 2017
Congressional Justification

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Schedule I – Executive Summary of Appropriation Exhibits

A. Summary of Budget Estimates by Program Project Activity- Appropriation Level

**Department of Homeland Security
U.S. Coast Guard
Retired Pay**

Summary of FY 2017 Budget Estimates by Program Project Activity
(Dollars in Thousands)

Program Project Activity	FY 2015			FY 2016			FY 2017			Increase(+) or Decrease(-) for		
	Revised Enacted			Enacted			Request			Total Changes		
	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount
Retired Pay	-	-	\$1,450,626	-	-	\$1,604,000	-	-	\$1,666,940	-	-	\$62,940
Total, Retired Pay	-	-	\$1,450,626	-	-	\$1,604,000	-	-	\$1,666,940	-	-	\$62,940
Subtotal, Enacted Appropriations & Budget Estimates	-	-	\$1,450,626	-	-	\$1,604,000	-	-	\$1,666,940	-	-	\$62,940
Less: Adjustments for Other Funding Sources	-	-	-	-	-	-	-	-	-	-	-	-
Net, Enacted Appropriations and Budget Estimates:	-	-	\$1,450,626	-	-	\$1,604,000	-	-	\$1,666,940	-	-	\$62,940

Overview

A. Mission Statement for Retired Pay:

The Retired Pay (RP) appropriation provides payments as identified under the Retired Serviceman's Family Protection and Survivor Benefits Plans, and other retired personnel entitlements identified under prior-year National Defense Authorization Acts. This appropriation includes payment for medical care of retired personnel and their dependents.

B. Budget Request Summary:

The FY 2017 President's Budget estimates that the Coast Guard's contributions will be \$1.667 billion for Retired Pay. The total adjustment-to-base is an increase of \$62,940,000 for FY 2017 Actuarial Adjustments. In the FY 2017 Budget, DoD proposes a multi-year plan to replace the three current TRICARE plans with a consolidated TRICARE Health Plan. The 2017 proposals would increase co-pays for pharmaceuticals and implement an enrollment fee for new TRICARE-for-Life (TFL) beneficiaries (similar to the reforms

proposed in the FY 2016 Budget). This request supports the benefits outlined above and remains available until expended. The Retired Pay appropriation is scored as a mandatory appropriation.

B. FY 2016 to FY 2017 Budget Change - Appropriation Level

**Department of Homeland Security
U.S. Coast Guard
Retired Pay
FY 2016 to FY 2017 Budget Change
(Dollars in Thousands)**

	Pos.	FTE	Amount
FY 2015 Revised Enacted	-	-	\$1,450,626
FY 2016 Enacted	-	-	\$1,604,000
Adjustments-to-Base			
Increases			
Retired Pay Contribution Increases	-	-	\$62,940
Total, Increases	-	-	\$62,940
Total Adjustments-to-Base	-	-	\$62,940
FY 2017 Current Services	-	-	\$1,666,940
FY 2017 Request	-	-	\$1,666,940
FY 2016 to FY 2017 Change	-	-	\$62,940

C. FY 2017 Investment Summary - Appropriation Level

N/A

Schedule II – Program, Project, Activity (PPA) Exhibits
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D. FY 2016 to FY 2017 Budget Change- PPA Level

**Department of Homeland Security
United States Coast Guard
Retired Pay
FY 2016 to FY 2017 Budget Change- PPA Level
(Dollars in Thousands)**

Retired Pay		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	-	-	1,450,626
Base	FY 2016 Enacted	-	-	1,604,000
Current Services	Retired Pay Contribution Increases	-	-	62,940
Budget Year	FY 2017 Request	-	-	1,666,940
	Total Change from FY 2016 to FY 2017	-	-	62,940

PPA DESCRIPTION:

The Retired Pay (RP) appropriation provides payments as identified under the Retired Serviceman’s Family Protection and Survivor Benefits Plans and other retired personnel entitlements identified under the National Defense Authorization Act. It also provides payment for medical care of retired personnel and their dependents. In the FY 2017 Budget, DoD proposes a multi-year plan to replace the three current TRICARE plans with a consolidated TRICARE Health Plan. The 2017 proposals would increase co-pays for pharmaceuticals and implement an enrollment fee for new TRICARE-for-Life beneficiaries (similar to the reforms proposed in the FY 2016 Budget).

**Department of Homeland Security
U.S. Coast Guard
Retired Pay**

Cost Drivers (Non-Pay) - PPA Level (\$000s)

Appropriation - Retired Pay	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
FY 2017 Non- Pay Cost Drivers (greatest-least)				
Retired Pay	\$1,450,626	\$1,604,000	\$1,666,940	\$62,940
Total	\$1,450,626	\$1,604,000	\$1,666,940	\$62,940

NARRATIVE EXPLANATION OF CHANGES – NON-PAY COST DRIVERS:

- **Retired Pay:** Funds payments to retirees, beneficiaries, and survivors including medical care for retired personnel and their beneficiaries. Increases are due to updated actuarial projections and adjustments in the National Defense Authorization Act.

Schedule III – Other Exhibits

E. Justification of Proposed Legislative Language

**Department of Homeland Security
United States Coast Guard
Retired Pay**

For retired pay, including the payment of obligations otherwise chargeable to lapsed appropriations for this purpose, payments under the Retired Serviceman’s Family Protection and Survivor Benefits Plans, payment for career status bonuses, concurrent receipts, and combat-related special compensation [under the National Defense Authorization Act,] *as authorized by law*,¹ and payments for medical care of retired personnel and their dependents under chapter 55 of title 10, United States Code, [\$1,604,000,000]*\$1,666,940,000*², to remain available until expended.

Language Provision	Explanation
¹ ... [under the National Defense Authorization Act,] <i>as authorized by law</i> ,	NDAA is not an actual short title and this change will also take into account any changes included in the CG Authorization Act.
² ... [\$1,604,000,000] <i>\$1,666,940,000</i>	Dollar change only. No substantial change proposed.

F. Summary of Fee Collections and Carryover

N/A

G. Summary of Reimbursable Resources

N/A

H. FY 2017 Schedule of Working Capital Fund by Program/Project Activity

N/A

I. Capital Investment and Construction Initiative Listing

N/A

J. Object Class Breakout by Appropriation

Department of Homeland Security
U.S. Coast Guard
Retired Pay
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
Personnel Compensation and Benefits				
13.0 Benefits for Former Personnel	\$1,322,578	\$1,386,499	\$1,426,000	\$39,500
Total, Personnel Compensation and Benefits	\$1,322,578	\$1,386,499	\$1,426,000	\$39,500
Other Object Classes				
25.6 Medical Care	\$230,132	\$271,671	\$240,940	(\$30,730)
Total, Other Object Classes	\$230,132	\$271,671	\$240,940	(\$30,730)
Total, Direct Obligations	\$1,552,710	\$1,658,170	\$1,666,940	\$8,770
Adjustments				
Unobligated Balance, start of year	(\$156,254)	(\$54,170)	-	\$54,170
Unobligated Balance, end of year	\$54,170	-	-	-
Recoveries of Prior Year Obligations	-	-	-	-
Total Requirements	\$1,450,626	\$1,604,000	\$1,666,940	\$62,940

K. Object Class Breakout by PPA

Department of Homeland Security
U.S. Coast Guard
Retired Pay
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Personnel Compensation and Benefits	-	-	-	-
13.0 Benefits for Former Personnel	\$1,322,578	\$1,386,499	\$1,426,000	\$39,500
Total, Personnel Compensation and Benefits	\$1,322,578	\$1,386,499	\$1,426,000	\$39,500
Other Object Classes	-	-	-	-
25.6 Medical Care	\$230,132	\$271,671	\$240,940	(\$30,730)
Total, Other Object Classes	\$230,132	\$271,671	\$240,940	(\$30,730)
Adjustments	-	-	-	-
Unobligated Balance, start of year	(\$156,254)	(\$54,170)	-	\$54,170
Unobligated Balance, end of year	\$54,170	-	-	-
Recoveries of Prior Year Obligations	-	-	-	-
Total, Adjustments	(\$102,084)	(\$54,170)	-	\$54,170
Total Requirements	\$1,450,626	\$1,604,000	\$1,666,940	\$62,940
Full Time Equivalent	-	-	-	-

L. Permanent Positions by Grade

N/A

M. Changes in Full Time Employment

N/A

**Department of
Homeland Security**
*United States Coast Guard
Boat Safety*



Fiscal Year 2017
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Schedule I – Executive Summary of Appropriation Exhibits

A. Summary of Budget Estimates by Program Project Activity- Appropriation Level

**Department of Homeland Security
U.S. Coast Guard
Boat Safety**

Summary of FY 2017 Budget Estimates by Program Project Activity
(Dollars in Thousands)

Program Project Activity	FY 2015			FY 2016			FY 2017			Increase(+) or Decrease(-) for		
	Revised Enacted ¹			Enacted			Request			Total Changes		
	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount
Boat Safety	14	13	\$112,830	14	14	\$114,326	14	14	\$116,088	-	-	\$1,762
Total, Boat Safety	14	13	\$112,830	14	14	\$114,326	14	14	\$116,088	-	-	\$1,762
Subtotal, Enacted Appropriations & Budget Estimates	14	13	\$112,830	14	14	\$114,326	14	14	\$116,088	-	-	\$1,762
Less: Adjustments for Other Funding Sources	-	-	-	-	-	-	-	-	-	-	-	-
Net, Enacted Appropriations and Budget Estimates:	14	13	\$112,830	14	14	\$114,326	14	14	\$116,088	-	-	\$1,762

¹Reflects reprogrammings/transfers, as applicable and actual FTE. This footnote applies to all FY 2015 Revised Enacted tables throughout the CJ Submission

Overview

A. Mission Statement for Boat Safety:

The Boat Safety (BS) program applies preventive means and strategies to minimize loss of life, personal injury, property damage, and environmental impact associated with the use of recreational boats. The program directly supports the Coast Guard’s Maritime Prevention Program by promoting safe and enjoyable use of public U.S. waterways.

B. Budget Activities:

Boat Safety activities include: overseeing manufacturer compliance with Coast Guard regulations; grant making to States and national non-profit boating safety organizations; conducting surveys to measure recreational boating activity; continuing the Boat Responsibly national outreach and awareness initiative; promulgating safety regulations; and measuring life jacket wear rates, including the effectiveness of voluntary and mandatory efforts to increase life jacket usage.

C. Budget Request Summary:

The FY 2017 President's Budget requests 14 positions, 14 FTE and \$116.088 million for Boat Safety. The total adjustments-to-base include a 1.6 percent pay raise for civilians and an increase in civilian allowances due to an increase in government contributions for various Federal Employee benefits.

In its role as the designated National Recreational Boating Safety (RBS) Program Coordinator, the Coast Guard is charged with managing dedicated user fee funding to support the National Recreational Boating Safety Program provided from the Sport Fish Restoration and Boating Trust Fund. Under the provisions of the Sportfishing and Recreational Boating Safety Act of 2005 (Subtitle A, Title X, P.L. 109-59), the Coast Guard receives a percentage distribution of total trust fund receipts from the preceding fiscal year (i.e., FY 2017 funding will be a percentage of FY 2016 trust fund receipts). Funds are available until expended, but are limited in purpose and amount in accordance with existing statute.

B. FY 2016 to FY 2017 Budget Change - Appropriation Level

**Department of Homeland Security
U.S. Coast Guard
Boat Safety
FY 2016 to FY 2017 Budget Change
(Dollars in Thousands)**

	Pos.	FTE	Amount
FY 2015 Revised Enacted	14	13	\$112,830
FY 2016 Enacted	14	14	\$114,326
Adjustments-to-Base			
Increases			
Annualization of 2016 Civilian Pay Raise	-	-	\$19
2017 Civilian Pay Raise	-	-	\$23
2017 Civilian Allowances	-	-	\$2
Trust Fund Receipt Adjustment	-	-	\$1,725
Total, Increases	-	-	\$1,769
Decreases			
2016 Civilian Compensable Work Day	-	-	(\$7)
Total, Decreases	-	-	(\$7)
Total Other Adjustments	-	-	\$1,762
Total Adjustments-to-Base	-	-	\$1,762
FY 2017 Current Services	14	14	\$116,088
FY 2017 Request	14	14	\$116,088
FY 2016 to FY 2017 Change	-	-	\$1,762

C. FY 2017 Investment Summary - Appropriation Level

N/A

Schedule II – Program, Project, Activity (PPA) Exhibits

D. FY 2016 to FY 2017 Budget Change- PPA Level

**Department of Homeland Security
United States Coast Guard
Boat Safety
FY 2016 to FY 2017 Budget Change- PPA Level
(Dollars in Thousands)**

Boat Safety		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	14	13	112,830
Base	FY 2016 Enacted	14	14	114,326
Current Services	Annualization of 2016 Civilian Pay Raise	-	-	19
	2017 Civilian Pay Raise	-	-	23
	2017 Civilian Allowances	-	-	2
	Trust Fund Receipt Adjustment	-	-	1,725
	2016 Civilian Compensable Work Day	-	-	(7)
Budget Year	FY 2017 Request	14	14	116,088
	Total Change from FY 2016 to FY 2017	-	-	1,762

PPA DESCRIPTION:

This account provides grants for the development and implementation of a coordinated national recreational boating safety program. Boating safety statistics reflect the success in meeting the program's objectives. Pursuant to the Safe, Accountable, Flexible, Efficient Transportation Equity Act-A Legacy for Users (SAFETEA-LU, P.L. 109-59), the Boat Safety program receives 18.5 percent of the funds collected in the Sport Fish Restoration and Boating Trust Fund.

The FY 2017 budget reflects the anticipated level of funding that would be available from the trust fund for boating safety. This funding level is based on current estimates of trust fund receipts from the Office of Tax Analysis at the Department of the Treasury (adjusted to reflect amendments of current law enacted in P.L. 109-59). The estimated total distribution from the trust fund for

boating safety in FY 2017 is \$116.088 million. Of that amount, \$5.500 million is available for use by the Coast Guard to coordinate and execute new and enhanced National Recreational Boating Safety Program activities. The balance is authorized for the State RBS Federal Financial Assistance Program established by 46 U.S.C. 13101, et seq., minus not more than five percent for national boating safety activities of national non-profit public service organizations, and not more than two percent for Coast Guard expenses to administer State RBS programs.

**Department of Homeland Security
U.S. Coast Guard
Boat Safety**

Cost Drivers (Pay & Benefits) - PPA Level (Excludes Reimbursables) (\$000s)

	FY 2015 Revised Enacted				FY 2016 Enacted				FY 2017 Request				FY 2016 to 2017 Change			
	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost	FTP	FTE	Amount	Avg. Cost
Civilian Total	14	13	\$2,058	\$157	14	14	\$2,071	\$147	14	14	\$2,108	\$150	-	-	\$37	\$3

NARRATIVE EXPLANATION OF CHANGES – PAY COST DRIVERS:

- **FTE Change FY 2016-2017:** None
- **PCB Change FY 2016-2017:** Provides funding to annualize the FY 2016 military and civilian (1.3 percent) pay raise. Provides funding for the FY 2017 military and civilian (1.6 percent) pay raise. Provides funding for required contributions to Federal Employee Government Life Insurance (FEGLI), Federal Employee Health Benefits (FEHB), and TSP Government Contributions.
- **Average Cost Change FY 2016-2017:** Average cost change is due to the increased personnel costs related to the pay raise and personnel benefits being allocated to the same number of FTE appropriated in FY 2016.
- **Bonuses and performance awards:** FY 2017 request estimates \$15 thousand for bonuses and performance awards. This request remains in line with OPM Awards Guidance on Spending Limitation.

**Department of Homeland Security
U.S. Coast Guard
Boat Safety**

Cost Drivers (Non-Pay) - PPA Level (\$000s)

Appropriation - Boat Safety	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
FY 2017 Non- Pay Cost Drivers (greatest-least)				
Boat Safety Grants & Administration	\$110,772	\$112,255	\$106,108	(\$6,147)
Total	\$110,772	\$112,255	\$106,108	(\$6,147)

NARRATIVE EXPLANATION OF CHANGES – NON-PAY COST DRIVERS:

- **Boat Safety Grants & Administration:** Provides grants for the development and implementation of a coordinated national recreational boating safety program. This funding level is based on current estimates of trust fund receipts from the Office of Tax Analysis at the Department of Treasury (adjusted to reflect amendments to current law enacted in P.L. 109-59).

Schedule III – Other Exhibits

E. Justification of Proposed Legislative Language

N/A

F. Summary of Fee Collections and Carryover

N/A

G. Summary of Reimbursable Resources

N/A

H. FY 2017 Schedule of Working Capital Fund by Program/Project Activity

N/A

I. Capital Investment and Construction Initiative Listing

N/A

J. Object Class Breakout by Appropriation

Department of Homeland Security
U.S. Coast Guard
Boat Safety
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
Personnel Compensation and Benefits				
11.1 Full-time Permanent	\$1,614	\$1,624	\$1,652	\$28
11.5 Other Personnel Compensation	\$13	\$13	\$13	-
12.1 Civilian Personnel Benefits	\$431	\$434	\$443	\$9
Total, Personnel Compensation and Benefits	\$2,058	\$2,071	\$2,108	\$37
Other Object Classes				
21.0 Travel and Transportation of Persons	\$109	\$120	\$113	(\$7)
24.0 Printing and Reproduction	\$2	\$2	\$2	-
25.1 Advisory and Assistance Services	\$5	\$5	\$5	-
25.2 Other Services from Non-Federal Sources	\$2,830	\$3,109	\$2,927	(\$182)
41.0 Grants, Subsidies, and Contributions	\$107,268	\$117,847	\$110,933	(\$6,914)
Total, Other Object Classes	\$110,214	\$121,083	\$113,980	(\$7,103)
Total, Direct Obligations	\$112,272	\$123,154	\$116,088	(\$7,066)
Adjustments				
Unobligated Balance, start of year	(\$6,605)	(\$9,500)	(\$672)	\$8,828
Unobligated Balance, end of year	\$9,328	\$672	\$672	-
Recoveries of Prior Year Obligations	(\$2,165)	-	-	-
Total Requirements	\$112,830	\$114,326	\$116,088	\$1,762

K. Object Class Breakout by PPA

Department of Homeland Security
U.S. Coast Guard
Boat Safety
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Personnel Compensation and Benefits	-	-	-	-
11.1 Full-time Permanent	\$1,614	\$1,624	\$1,652	\$28
11.5 Other Personnel Compensation	\$13	\$13	\$13	-
12.1 Civilian Personnel Benefits	\$431	\$434	\$443	\$9
Total, Personnel Compensation and Benefits	\$2,058	\$2,071	\$2,108	\$37
Other Object Classes	-	-	-	-
21.0 Travel and Transportation of Persons	\$109	\$120	\$113	(\$7)
24.0 Printing and Reproduction	\$2	\$2	\$2	-
25.1 Advisory and Assistance Services	\$5	\$5	\$5	-
25.2 Other Services from Non-Federal Sources	\$2,830	\$3,109	\$2,927	(\$182)
41.0 Grants, Subsidies, and Contributions	\$107,268	\$117,847	\$110,933	(\$6,914)
Total, Other Object Classes	\$110,214	\$121,083	\$113,980	(\$7,103)
Adjustments	-	-	-	-
Unobligated Balance, start of year	(\$6,605)	(\$9,500)	(\$672)	\$8,828
Unobligated Balance, end of year	\$9,328	\$672	\$672	-
Recoveries of Prior Year Obligations	(\$2,165)	-	-	-
Total, Adjustments	\$558	(\$8,828)	-	\$8,828
Total Requirements	\$112,830	\$114,326	\$116,088	\$1,762
Full Time Equivalents	13	14	14	-

L. Permanent Positions by Grade

Department of Homeland Security
U.S. Coast Guard
Boat Safety
 Permanent Positions by Grade

Grades and Salary Range	FY 2015	FY 2016	FY 2017	FY 2016 to
	Revised Enacted	Enacted	Request	FY 2017 Change
	Pos.	Pos.	Pos.	Total
GS-15	1	1	1	-
GS-14	3	3	3	-
GS-13	9	9	9	-
GS-7	1	1	1	-
Total Permanent Positions	14	14	14	-
Unfilled Positions EOY	-	-	-	-
Total Permanent Employment EOY	13	14	14	-
Headquarters	12	12	12	-
U.S. Field	2	2	2	-
Total, Boat Safety:	14	14	14	-
Full Time Equivalents	13	14	14	-
Average ES Salary	-	-	-	-
Average GS Salary	141,771	142,492	142,136	(356)
Average Grade	13	13	13	-

M. Changes in Full Time Employment

N/A

Department of Homeland Security

*United States Coast Guard
Maritime Oil Spill Program*



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Schedule I – Executive Summary of Appropriation Exhibits

A. Summary of Budget Estimates by Program Project Activity- Appropriation Level

Department of Homeland Security

U.S. Coast Guard

Maritime Oil Spill Program

Summary of FY 2017 Budget Estimates by Program Project Activity

(Dollars in Thousands)

Program Project Activity	FY 2015			FY 2016			FY 2017			Increase(+) or Decrease(-) for		
	Revised Enacted			Enacted			Request			Total Changes		
	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount
Maritime Oil Spill Program	-	-	\$182,266	-	-	\$107,329	-	-	\$107,868	-	-	\$539
Total, Maritime Oil Spill Program	-	-	\$182,266	-	-	\$107,329	-	-	\$107,868	-	-	\$539
Subtotal, Enacted Appropriations & Budget Estimates	-	-	\$182,266	-	-	\$107,329	-	-	\$107,868	-	-	\$539
Less: Adjustments for Other Funding Sources	-	-	-	-	-	-	-	-	-	-	-	-
Net, Enacted Appropriations and Budget Estimates:	-	-	\$182,266	-	-	\$107,329	-	-	\$107,868	-	-	\$539

Reflects reprogrammings/transfers, as applicable, and actual FTE. This footnote applies to all FY 2015 Revised Enacted tables throughout the CJ Submission

Overview

A. Mission Statement for Maritime Oil Spill Program:

The Maritime Oil Spill Program operates under the authority of Title I of the Oil Pollution Act of 1990 (OPA), as amended, which provides for the use of the Oil Spill Liability Trust Fund (OSLTF) to pay for federal response to oil spills and claims for uncompensated removal costs and damages resulting from such spills. The Maritime Oil Spill Program directly supports the Coast Guard’s Marine Environment Protection mission and Maritime Response Program.

B. Budget Activities:

In Section Seven of Executive Order 12777, the President delegated management responsibility of the OSLTF to the Secretary of the Department in which the Coast Guard is operating. Upon re-delegation by the Secretary, the Commandant of the Coast Guard delegated responsibility to the National Pollution Funds Center (NPFC), which oversees the OSLTF.

The NPFC:

- Provides funding for federal removal actions in response to a discharge or a substantial threat of discharge of oil to navigable waters of the United States;
- Compensates claimants for OPA removal costs or damages;
- Provides funding to natural resource trustees for Natural Resource Damage Assessments (NRDA);
- Administers the OSLTF.

C. Budget Request Summary:

The FY 2017 President's Budget estimates that expenditures from this account will total \$107.868 million for the Maritime Oil Spill Program. These estimated expenditures consist of a \$56,868,000 transfer for immediate federal oil spill response, an estimated \$1,000,000 payment to the Prince William Sound Oil Spill Recovery Institute, and an estimated \$50,000,000 to compensate claimants for uncompensated OPA removal costs and damages, including natural resource damages.

B. FY 2016 to FY 2017 Budget Change - Appropriation Level

**Department of Homeland Security
U.S. Coast Guard
Maritime Oil Spill Program
FY 2016 to FY 2017 Budget Change
(Dollars in Thousands)**

	Pos.	FTE	Amount
FY 2015 Revised Enacted	-	-	\$182,266
FY 2016 Enacted	-	-	\$107,329
Adjustments-to-Base			
Increases			
FY 2016 Sequestered Resources	-	-	\$6,868
Total Increases	-	-	\$6,868
Decreases			
Base Adjustment	-	-	(\$6,329)
Total Decreases	-	-	(\$6,329)
Total Adjustments-to-Base	-	-	\$539
FY 2017 Current Services	-	-	\$107,868
FY 2017 Request	-	-	\$107,868
FY2016 to FY2017 Change	-	-	\$539

C. FY 2017 Investment Summary - Appropriation Level

N/A

Schedule II – Program, Project, Activity (PPA) Exhibits

D. FY 2016 to FY 2017 Budget Change - PPA Level

Department of Homeland Security
United States Coast Guard
Maritime Oil Spill Program
 FY 2016 to FY 2017 Budget Change- PPA Level
 (Dollars in Thousands)

Maritime Oil Spill Program		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	-	-	182,266
Base	FY 2016 Enacted	-	-	107,329
Budget Year	FY 2017 Request	-	-	107,868
	Total Change from FY 2016 to FY 2017	-	-	539

PPA DESCRIPTION:

The Maritime Oil Spill Program uses the OSLTF to pay response costs incurred by the Coast Guard and other Federal agencies, adjudicate claims, and provide funding to support the Oil Spill Recovery Institute located in Prince William Sound, Alaska. NPFC's administrative costs are funded within the Coast Guard's Operating Expenses appropriation.

OPA section 5006(b) directs the NPFC to make annual payments to the Prince William Sound Oil Spill Recovery Institute for the interest on a portion of the OSLTF balance.

Schedule III – Other Exhibits

E. Justification of Proposed Legislative Language

N/A

F. Summary of Fee Collections and Carryover

N/A

G. Summary of Reimbursable Resources

N/A

H. FY 2017 Schedule of Working Capital Fund by Program/Project Activity

N/A

I. Capital Investment and Construction Initiative Listing

N/A

J. Object Class Breakout by Appropriation

Department of Homeland Security
U.S. Coast Guard
Maritime Oil Spill Program
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
Other Object Classes				
25.2 Other Services from Non-Federal Sources	\$162,913	\$198,917	\$107,868	(\$91,049)
Total, Other Object Classes	\$162,913	\$198,917	\$107,868	(\$91,049)
Total, Direct Obligations	\$182,266	\$198,917	\$107,868	(\$91,049)
Adjustments				
Unobligated Balance, start of year	(\$49,105)	(\$91,588)	-	\$91,588
Unobligated Balance, end of year	\$91,588	-	-	-
Recoveries of Prior Year Obligations	(\$23,130)	-	-	-
Total Requirements	\$182,266	\$107,329	\$107,868	\$539

K. Object Class Breakout by PPA

Department of Homeland Security
U.S. Coast Guard
Maritime Oil Spill Program
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Personnel Compensation and Benefits	-	-	-	-
Other Object Classes	-	-	-	-
25.2 Other Services from Non-Federal Sources	\$162,913	\$198,917	\$107,868	(\$91,049)
Total, Other Object Classes	\$162,913	\$198,917	\$107,868	(\$91,049)
Adjustments	-	-	-	-
Unobligated Balance, start of year	(\$49,105)	(\$91,588)	-	\$91,588
Unobligated Balance, end of year	\$91,588	-	-	-
Recoveries of Prior Year Obligations	(\$23,130)	-	-	-
Total, Adjustments	\$19,353	(\$91,588)	-	\$91,588
Total Requirements	\$182,266	\$107,329	\$107,868	\$539
Full Time Equivalents	-	-	-	-

L. Permanent Positions by Grade

N/A

M. Changes in Full Time Employment

N/A

**Department of
Homeland Security**
*United States Coast Guard
Yard Fund*



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Schedule I – Executive Summary of Appropriation Exhibits

A. Summary of Budget Estimates by Program Project Activity- Appropriation Level

**Department of Homeland Security
U.S. Coast Guard
Yard Fund**

Summary of FY 2017 Budget Estimates by Program Project Activity
(Dollars in Thousands)

Program Project Activity	FY 2015			FY 2016			FY 2017			Increase(+) or Decrease(-) for FY		
	Revised Enacted ¹			Enacted			Request			Total Changes		
	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount
Yard Fund	-	-	\$126,059	-	-	\$152,012	-	-	\$150,012	-	-	(\$2,000)
Total, Yard Fund	-	-	\$126,059	-	-	\$152,012	-	-	\$150,012	-	-	(\$2,000)
Subtotal, Enacted Appropriations & Budget Estimates	-	-	\$126,059	-	-	\$152,012	-	-	\$150,012	-	-	(\$2,000)
Less: Adjustments for Other Funding Sources	-	-	-	-	-	-	-	-	-	-	-	-
Net, Enacted Appropriations and Budget Estimates:	-	-	\$126,059	-	-	\$152,012	-	-	\$150,012	-	-	(\$2,000)

Overview

A. Mission Statement for Yard Fund:

The Coast Guard Yard, located in Curtis Bay, MD, provides engineering support and industrial services for maintenance and repair of Coast Guard cutters, aids to navigation and other equipment. The Yard also manages facilities that homeport two major cutters and house several Coast Guard commands including the Surface Forces Logistics Center, Sector Baltimore and Curtis Bay Station.

B. Budget Activities:

The Yard Fund is a revolving account supported by the Coast Guard’s Operating Expenses and Acquisition, Construction & Improvements appropriations. It pays for personnel and materials required for Coast Guard projects and work orders completed by the Coast Guard Yard. These activities indirectly support Coast Guard missions.

B. FY 2016 to FY 2017 Budget Change - Appropriation Level

**Department of Homeland Security
U.S. Coast Guard
Yard Fund
FY 2016 to FY 2017 Budget Change
(Dollars in Thousands)**

	Pos.	FTE	Amount
FY 2015 Revised Enacted	-	-	\$126,059
FY 2016 Enacted	-	-	\$152,012
Adjustments-to-Base			
Decreases			
Projects Adjustments	-	-	(\$2,000)
Total, Decreases	-	-	(\$2,000)
Total Other Adjustments	-	-	(\$2,000)
Total Adjustments-to-Base	-	-	(\$2,000)
FY 2017 Current Services	-	-	\$150,012
FY 2017 Request	-	-	\$150,012
FY 2016 to FY 2017 Change	-	-	(\$2,000)

C. FY 2017 Investment Summary - Appropriation Level

N/A

Schedule II – Program, Project, Activity (PPA) Exhibits

D. FY 2016 to FY 2017 Budget Change- PPA Level

Department of Homeland Security
United States Coast Guard
Yard Fund
 FY 2016 to FY 2017 Budget Change- PPA Level
 (Dollars in Thousands)

Yard Fund		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	-	-	126,059
Base	FY 2016 Enacted	-	-	152,012
Current Services	Projects Adjustments	-	-	(2,000)
Budget Year	FY 2017 Request	-	-	150,012
	Total Change from FY 2016 to FY 2017	-	-	(2,000)

Schedule III – Other Exhibits

E. Justification of Proposed Legislative Language

N/A

F. Summary of Fee Collections and Carryover

N/A

G. Summary of Reimbursable Resources

**Department of Homeland Security
U.S. Coast Guard
Yard Fund
Summary of Reimbursable Resources
(Dollars in Thousands)**

Collections by Source:	FY 2015 Revised Enacted			FY 2016 Enacted			FY 2017 Request			Increase/Decrease		
	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount
U.S. Coast Guard	585	502	\$126,059	606	517	\$150,000	606	517	\$150,000	-	-	-
National Oceanic and Atmospheric Administration	-	-	-	-	-	\$2,012	-	-	\$12	-	-	(\$2,000)
Total Budgetary Resources	585	502	\$126,059	606	517	\$152,012	606	517	\$150,012	-	-	(\$2,000)

Obligations by Program/Project Activity:	FY 2015 Revised Enacted			FY 2016 Enacted			FY 2017 Request			Increase/Decrease		
	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount
Coast Guard Yard Projects	585	502	\$126,059	606	517	\$152,012	606	517	\$150,012	-	-	(\$2,000)
Total Obligations	585	502	\$126,059	606	517	\$152,012	606	517	\$150,012	-	-	(\$2,000)

H. FY 2017 Schedule of Working Capital Fund by Program/Project Activity

N/A

I. Capital Investment and Construction Initiative Listing

N/A

J. Object Class Breakout by Appropriation

Department of Homeland Security
U.S. Coast Guard
Yard Fund
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
Personnel Compensation and Benefits				
11.1 Full-time Permanent	\$31,470	\$30,406	\$30,406	-
11.5 Other Personnel Compensation	\$7,412	\$7,161	\$7,161	-
11.6 Military Personnel-Basic Allowance for Housing	\$338	\$338	\$338	-
11.7 Military Personnel	\$860	\$860	\$860	-
12.1 Civilian Personnel Benefits	\$11,335	\$10,952	\$10,952	-
12.2 Military Personnel Benefits	\$67	\$67	\$67	-
13.0 Benefits for Former Personnel	\$3	\$3	\$3	-
Total, Personnel Compensation and Benefits	\$51,485	\$49,787	\$49,787	-
Other Object Classes				
21.0 Travel and Transportation of Persons	\$794	\$2,903	\$1,715	(\$1,188)
22.0 Transportation of Things	\$233	\$852	\$503	(\$349)
23.3 Communications, Utilities, and Misc. Charges	\$3,646	\$13,328	\$7,875	(\$5,453)
24.0 Printing and Reproduction	\$2	\$7	\$4	(\$3)
25.2 Other Services from Non-Federal Sources	\$82	\$300	\$177	(\$123)
25.3 Other Goods and Services from Federal Sources	\$94	\$344	\$203	(\$141)
25.4 Operation and Maintenance of Facilities	\$3,385	\$12,374	\$7,312	(\$5,062)
25.5 Research and Development Contracts	\$2,279	\$8,331	\$4,923	(\$3,408)
26.0 Supplies and Materials	\$30,292	\$112,747	\$65,443	(\$47,304)
31.0 Equipment	\$5,588	\$20,428	\$12,070	(\$8,358)
Total, Other Object Classes	\$46,395	\$171,614	\$100,225	(\$71,389)
Total, Direct Obligations	\$97,880	\$221,401	\$150,012	(\$71,389)

Adjustments				
Unobligated Balance, start of year	(\$41,210)	(\$69,389)	-	\$69,389
Unobligated Balance, end of year	\$69,389	-	-	-
Total Requirements	\$126,059	\$152,012	\$150,012	(\$2,000)

K. Object Class Breakout by PPA

Department of Homeland Security
U.S. Coast Guard
Yard Fund
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Personnel Compensation and Benefits	-	-	-	-
11.1 Full-time Permanent	\$31,470	\$30,406	\$30,406	-
11.5 Other Personnel Compensation	\$7,412	\$7,161	\$7,161	-
11.6 Military Personnel-Basic Allowance for Housing	\$338	\$338	\$338	-
11.7 Military Personnel	\$860	\$860	\$860	-
12.1 Civilian Personnel Benefits	\$11,335	\$10,952	\$10,952	-
12.2 Military Personnel Benefits	\$67	\$67	\$67	-
13.0 Benefits for Former Personnel	\$3	\$3	\$3	-
Total, Personnel Compensation and Benefits	\$51,485	\$49,787	\$49,787	-
Other Object Classes	-	-	-	-
21.0 Travel and Transportation of Persons	\$794	\$2,903	\$1,715	(\$1,188)
22.0 Transportation of Things	\$233	\$852	\$503	(\$349)
23.3 Communications, Utilities, and Misc. Charges	\$3,646	\$13,328	\$7,875	(\$5,453)
24.0 Printing and Reproduction	\$2	\$7	\$4	(\$3)
25.2 Other Services from Non-Federal Sources	\$82	\$300	\$177	(\$123)
25.3 Other Goods and Services from Federal Sources	\$94	\$344	\$203	(\$141)
25.4 Operation and Maintenance of Facilities	\$3,385	\$12,374	\$7,312	(\$5,062)
25.5 Research and Development Contracts	\$2,279	\$8,331	\$4,923	(\$3,408)
26.0 Supplies and Materials	\$30,292	\$112,747	\$65,443	(\$47,304)
31.0 Equipment	\$5,588	\$20,428	\$12,070	(\$8,358)
Total, Other Object Classes	\$46,395	\$171,614	\$100,225	(\$71,389)

Adjustments	-	-	-	-
Unobligated Balance, start of year	(\$41,210)	(\$69,389)	-	\$69,389
Unobligated Balance, end of year	\$69,389	-	-	-
Recoveries of Prior Year Obligations	-	-	-	-
Total, Adjustments	\$28,179	(\$69,389)	-	\$69,389
Total Requirements	\$126,059	\$152,012	\$150,012	(\$2,000)
Full Time Equivalents	-	-	-	-

L. Permanent Positions by Grade

N/A

M. Changes in Full Time Employment

N/A

**Department of
Homeland Security**
*United States Coast Guard
General Gift Fund*



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Schedule I – Executive Summary of Appropriation Exhibits

A. Summary of Budget Estimates by Program Project Activity- Appropriation Level

**Department of Homeland Security
U.S. Coast Guard
General Gift Funds**

Summary of FY 2017 Budget Estimates by Program Project Activity
(Dollars in Thousands)

Program Project Activity	FY 2015			FY 2016			FY 2017			Increase(+) or Decrease(-) for		
	Revised Enacted			Enacted			Request			Total Changes		
	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount
General Gift Funds	-	-	\$1,703	-	-	\$1,621	-	-	\$2,214	-	-	\$593
Total, General Gift Funds	-	-	\$1,703	-	-	\$1,621	-	-	\$2,214	-	-	\$593
Subtotal, Enacted Appropriations & Budget Estimates	-	-	\$1,703	-	-	\$1,621	-	-	\$2,214	-	-	\$593
Less: Adjustments for Other Funding Sources	-	-	-	-	-	-	-	-	-	-	-	-
Net, Enacted Appropriations and Budget Estimates:	-	-	\$1,703	-	-	\$1,621	-	-	\$2,214	-	-	\$593

Overview

A. Mission Statement for General Gift Funds:

The Coast Guard General Gift Fund is authorized under 10 U.S.C. § 2601, which provisions for such funds within the Department of Defense and the Coast Guard. The General Gift Fund is a vehicle that authorizes the Commandant of the Coast Guard to accept gifts and donations for the benefit of museums, chapels, and other organizations under the jurisdiction of the Coast Guard. The Coast Guard is also authorized to accept gifts to be used for the benefit of service members who are wounded, injured or taken ill while in the line of duty, as well as for those members’ dependents and survivors.

B. Budget Request Summary:

The FY 2017 President's Budget estimates \$2.214 million in bequests from various sources to the General Gift Fund.

B. FY 2016 to FY 2017 Budget Change - Appropriation Level

Department of Homeland Security
U.S. Coast Guard
General Gift Funds
FY 2016 to FY 2017 Budget Change
(Dollars in Thousands)

	Pos.	FTE	Amount
FY 2015 Revised Enacted	-	-	\$1,703
FY 2016 Enacted	-	-	\$1,621
Adjustments-to-Base			
Increases			
Gift Fund Bequest Estimate	-	-	\$593
Total, Increases	-	-	\$593
Total Adjustments-to-Base	-	-	\$593
FY 2017 Current Services	-	-	\$2,214
FY 2017 Request	-	-	\$2,214
FY 2016 to FY 2017 Change	-	-	\$593

C. FY 2017 Investment Summary - Appropriation Level

N/A

Schedule II – Program, Project, Activity (PPA) Exhibits
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D. FY 2016 to FY 2017 Budget Change- PPA Level

Department of Homeland Security
United States Coast Guard
General Gift Fund
 FY 2016 to FY 2017 Budget Change- PPA Level
 (Dollars in Thousands)

General Gift Funds		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	-	-	1,703
Base	FY 2016 Enacted	-	-	1,621
Current Services	Gift Fund Bequest Estimate	-	-	593
Budget Year	FY 2017 Request	-	-	2,214
	Total Change from FY 2016 to FY 2017	-	-	593

PPA DESCRIPTION:

The FY2017 President’s Budget estimates \$2.214 million in bequests from various sources to the General Gift Fund.

Schedule III – Other Exhibits

E. Justification of Proposed Legislative Language

N/A

F. Summary of Fee Collections and Carryover

N/A

G. Summary of Reimbursable Resources

N/A

H. FY 2017 Schedule of Working Capital Fund by Program/Project Activity

N/A

G. Capital Investment and Construction Initiative Listing

N/A

J. Object Class Breakout by Appropriation

Department of Homeland Security
U.S. Coast Guard
General Gift Funds
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
Other Object Classes				
25.2 Other Services from Non-Federal Sources	\$125	\$100	\$150	\$50
25.7 Operation and Maintenance of Equipment	\$46	\$80	\$55	(\$25)
26.0 Supplies and Materials	\$1,676	\$1,710	\$2,009	\$299
Total, Other Object Classes	\$1,847	\$1,890	\$2,214	-
Total, Direct Obligations	\$1,847	\$1,890	\$2,214	\$324
Adjustments				
Unobligated Balance, start of year	(\$1,913)	(\$1,769)	(\$1,500)	(\$269)
Unobligated Balance, end of year	\$1,769	\$1,500	\$1,500	-
Total Requirements	\$1,703	\$1,621	\$2,214	\$593

K. Object Class Breakout by PPA

Department of Homeland Security
U.S. Coast Guard
General Gift Funds
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Other Object Classes				
25.2 Other Services from Non-Federal Sources	\$125	\$100	\$150	\$50
25.7 Operation and Maintenance of Equipment	\$46	\$80	\$55	(\$25)
26.0 Supplies and Materials	\$1,676	\$1,710	\$2,009	\$299
Total, Other Object Classes	\$1,847	\$1,890	\$2,214	\$324
Adjustments	-	-	-	-
Unobligated Balance, start of year	(\$1,913)	(\$1,769)	(\$1,500)	(\$269)
Unobligated Balance, end of year	\$1,769	\$1,500	\$1,500	-
Total, Adjustments	(\$144)	(\$269)	-	\$269
Total Requirements	\$1,703	\$1,621	\$2,214	\$593
Full Time Equivalents	-	-	-	-

L. Permanent Positions by Grade

N/A

M. Changes in Full Time Employment

N/A

**Department of
Homeland Security**
*United States Coast Guard
Supply Fund*



Fiscal Year 2017
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Schedule I – Executive Summary of Appropriation Exhibits

A. Summary of Budget Estimates by Program Project Activity- Appropriation Level

Department of Homeland Security
U.S. Coast Guard
Supply Fund
 Summary of FY 2017 Budget Estimates by Program Project Activity
 (Dollars in Thousands)

Program Project Activity	FY 2015			FY 2016			FY 2017			Increase(+) or Decrease(-) for		
	Revised Enacted			Enacted			Request			Total Changes		
	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount	POS	FTE	Amount
Supply Fund	-	-	\$131,625	-	-	\$156,156	-	-	\$150,000	-	-	(\$6,156)
Total, Supply Fund	-	-	\$131,625	-	-	\$156,156	-	-	\$150,000	-	-	(\$6,156)
Subtotal, Enacted Appropriations & Budget Estimates	-	-	\$131,625	-	-	\$156,156	-	-	\$150,000	-	-	(\$6,156)
Less: Adjustments for Other Funding Sources	-	-	-	-	-	-	-	-	-	-	-	-
Net, Enacted Appropriations and Budget Estimates:	-	-	\$131,625	-	-	\$156,156	-	-	\$150,000	-	-	(\$6,156)

Overview

A. Mission Statement for Supply Funds:

The Supply Fund, in accordance with 14 U.S.C. § 650, finances the procurement of uniform clothing, commissary provisions, general stores, technical material, and fuel for vessels over 180 feet in length.

B. Budget Activities:

The fund is financed by reimbursements from the sale of goods, including the procurement of uniforms, commissioning provisions, stores, materials, and fuel. These activities indirectly support Coast Guard missions.

B. FY 2016 to FY 2017 Budget Change - Appropriation Level

**Department of Homeland Security
U.S. Coast Guard
Supply Fund
FY 2016 to FY 2017 Budget Change
(Dollars in Thousands)**

	Pos.	FTE	Amount
FY 2015 Revised Enacted	-	-	\$131,625
FY 2016 Enacted	-	-	\$156,156
Adjustments-to-Base			
Decreases			
Base Adjustment	-	-	(\$6,156)
Total, Decreases	-	-	(\$6,156)
Total Adjustments-to-Base	-	-	(\$6,156)
FY 2017 Current Services	-	-	\$150,000
FY 2017 Request	-	-	\$150,000
FY 2016 to FY 2017 Change	-	-	(\$6,156)

C. FY 2017 Investment Summary - Appropriation Level

N/A

Schedule II – Program, Project, Activity (PPA) Exhibits

D. FY 2016 to FY 2017 Budget Change- PPA Level

Department of Homeland Security
United States Coast Guard
Supply Fund
 FY 2016 to FY 2017 Budget Change- PPA Level
 (Dollars in Thousands)

Supply Fund		Positions	FTE	Amount
Prior Year	FY 2015 Revised Enacted	-	-	131,625
Base	FY 2016 Enacted	-	-	156,156
Current Services	Base Adjustment	-	-	(6,156)
Budget Year	FY 2017 Request	-	-	150,000
	Total Change from FY 2016 to FY 2017	-	-	(6,156)

Schedule III – Other Exhibits

E. Justification of Proposed Legislative Language

N/A

F. Summary of Fee Collections and Carryover

N/A

G. Summary of Reimbursable Resources

Department of Homeland Security
U.S. Coast Guard
Supply Fund
 Summary of Reimbursable Resources
 (Dollars in Thousands)

Collections by Source:	FY 2015 Revised Enacted			FY 2016 Enacted			FY 2017 Request			Increase/Decrease		
	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount
U.S. Coast Guard	-	-	\$140,204	-	-	\$150,000	-	-	\$150,000	-	-	-
Total Budgetary Resources	-	-	\$140,204	-	-	\$150,000	-	-	\$150,000	-	-	-

Obligations by Program/Project Activity:	FY 2015 Revised Enacted			FY 2016 Enacted			FY 2017 Request			Increase/Decrease		
	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount	Pos	FTE	Amount
Supply Projects	-	-	\$140,204	-	-	\$150,000	-	-	\$150,000	-	-	-
Total Obligations	-	-	\$140,204	-	-	\$150,000	-	-	\$150,000	-	-	-

H. FY 2017 Schedule of Working Capital Fund by Program/Project Activity

N/A

I. Capital Investment and Construction Initiative Listing

N/A

J. Object Class Breakout by Appropriation

Department of Homeland Security
U.S. Coast Guard
Supply Fund
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	2015 Revised Enacted	2016 Enacted	2017 Request	FY 2016 to FY 2017 Change
Other Object Classes				
26.0 Supplies and Materials	\$140,204	\$161,312	\$150,000	(\$11,312)
Total, Other Object Classes	\$140,204	\$161,312	\$150,000	(\$11,312)
Total, Direct Obligations	\$140,204	\$161,312	\$150,000	(\$11,312)
Adjustments				
Unobligated Balance, start of year	(\$14,096)	(\$5,656)	(\$500)	\$5,156
Unobligated Balance, end of year	\$5,656	\$500	\$500	-
Recoveries of Prior Year Obligations	(\$139)	-	-	-
Total Requirements	\$131,625	\$156,156	\$150,000	(\$6,156)

K. Object Class Breakout by PPA

Department of Homeland Security
U.S. Coast Guard
Supply Fund
 Summary of Requirements by Object Class
 (Dollars in Thousands)

Object Classes	FY 2015 Revised Enacted	FY 2016 Enacted	FY 2017 Request	FY 2016 to FY 2017 Change
Other Object Classes	-	-	-	-
26.0 Supplies and Materials	\$140,204	\$161,312	\$150,000	(\$11,312)
Total, Other Object Classes	\$140,204	\$161,312	\$150,000	(\$11,312)
Adjustments	-	-	-	-
Unobligated Balance, start of year	(\$14,096)	(\$5,656)	(\$500)	\$5,156
Unobligated Balance, end of year	\$5,656	\$500	\$500	-
Recoveries of Prior Year Obligations	(\$139)	-	-	-
Total, Adjustments	(\$8,579)	(\$6,156)	-	\$6,156
Total Requirements	\$131,625	\$156,156	\$150,000	(\$6,156)
Full Time Equivalents	-	-	-	-

L. Permanent Positions by Grade

N/A

M. Changes in Full Time Employment

N/A

Department of Homeland Security

*United States Coast Guard
Reports*



Fiscal Year 2017
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Environmental Compliance and Restoration (EC&R) Project Backlog Impact

The information presented below fulfills the directive in Senate Report 114-68 accompanying the Fiscal Year (FY) 2016 Department of Homeland Security Appropriations Act (P.L. 114-113):

“The Coast Guard is directed to include in its annual budget justification a listing of the activities projected to be funded by the amount requested under this heading and an updated backlog report for Environmental Compliance and Restoration projects, with an explanation of how the amount requested will impact this documented backlog.”

The Coast Guard's prioritized listing of projects eligible for EC&R funding is reflective of the Coast Guard's review of current EC&R requirements and consolidation of projects. This list contains 186 projects with an estimated total cost of \$140 million. Estimated costs include restoration work to be accomplished in various stages (i.e., investigation work, site remediation work, and long-term management) and to be executed across several years (e.g., long-term management can potentially extend out to 30 years). The following table provides a detailed listing of future EC&R priority projects. The list is adjusted as new information from complete assessments and project risk prioritization becomes available.

The FY 2017 EC&R request of \$13.315 million will make progress on investigations and remediation at 10 sites with some sites completing all necessary response actions and two sites progressing to Long Term Management (LTM). Also, progress will be made in conducting LTM at 21 sites, with LTM completion projected for two sites.

Project Title	Location	State	Estimated Cost To Complete (\$K)
Industrial Production Detachment (IPD) South Weymouth -Site Remediation	South Weymouth	MA	\$1,146
Coast Guard YARD (Site 9) - Long term Management [Post Closure Monitoring]	Baltimore	MD	\$169
BASE Kodiak / Site 3 (Former Dry Cleaning/Laundry Facility) - Site Remediation	Kodiak	AK	\$12,590
Base Kodiak / Site 6B (Nyman Fuel Farm) - Additional Site Investigation/Confirmation Sampling in Support of Site Closeout	Kodiak	AK	\$369
BASE Kodiak / Site 1 (Former Coast Guard Landfill) - Long Term Management [Post-Closure Maintenance and Monitoring]	Kodiak	AK	\$1,589

Project Title	Location	State	Estimated Cost To Complete (\$K)
Base Kodiak / Site 7A (Former Barrel Storage Area) - Long term Management [Post-Closure Maintenance and Monitoring]	Kodiak	AK	\$3,930
Base Kodiak / Site 6A (Motor Gas (MOGAS)) - Long term Management [Post-Closure Maintenance and Annual Groundwater Monitoring of Underground Storage Tanks Leaks]	Kodiak	AK	\$1,589
Base Kodiak / Site 10/11 Air Station Paint Storage - Site Remediation (Jet Fuel (JP-5) Spill Cleanup)	Kodiak	AK	\$846
BASE Kodiak / Site 23 (Former Power Plant) - Site Remediation (Additional Corrective Measure Study and Long Term Monitoring)	Kodiak	AK	\$2,050
BASE Kodiak / Site 32 (Marine Sediments) - Long Term Monitoring	Kodiak	AK	\$384
BASE Kodiak / Site 2 (Former Navy Landfill) - Long Term Monitoring	Kodiak	AK	\$1,478
Base Elizabeth City - Bldg 77 Stripping Shop Release (Long Term Monitoring Ground Water Contamination)	Elizabeth City	NC	\$1,223
Base Elizabeth City (Solid Waste Management Units 32/37/38 Former Fuel Farm) - Site Remediation/Long Term Management [Phytoremediation System]	Elizabeth City	NC	\$3,148
BASE Elizabeth City (Solid Waste Management Unit 64) - Site Remediation/Long Term Monitoring at Bldg 75 (Spent Solvents Release)	Elizabeth City	NC	\$1,721
BASE Elizabeth City (Bldg 79) - Long Term Management (Electroplating Shop Release)	Elizabeth City	NC	\$876
BASE Elizabeth City (Solid Waste Management Units 28/56) - Site Remediation (North Beach Disposal Area)	Elizabeth City	NC	\$2,991
Air Station Traverse City - Site Cleanup of Asbestos Containing Materials (Annual Site Inspection and Cleanup of Transite Siding)	Traverse City	MI	\$656
Base Elizabeth City (Solid Waste Management Unit 33 Former Waste Storage Area) - Site Remediation/Long term Management	Elizabeth City	NC	\$1,272
LORAN Station Cocos Island (former) - Long Term Management [Groundwater/Biota Sampling and Analysis and Site Closeout]	Cocos Island	Guam	\$189
Air Station Brooklyn (former) - Site Remediation (JP-4 Underground Storage Tank Release) / Long Term Management [Monitoring and Well Decommissioning]	Brooklyn	NY	\$102
LORAN-C Carolina Beach – Site Remediation	Carolina Beach	NC	\$1,000

Project Title	Location	State	Estimated Cost To Complete (\$K)
Sector Mobile - Site Remediation (Groundwater Contamination Petroleum Oil Lubricant Discharge Adjacent to Bldg 124A)	Mobile	AL	\$64
Base Elizabeth City (Solid Waste Management Unit 15 Former Burn Area and Landfill) - Long Term Monitoring (Phytoremediation System Operations and Management)	Elizabeth City	NC	\$1,056
Station Fort Pierce - Site Investigation (Groundwater Petroleum Oil Lubricant Contamination from Underground Storage Tank Release)	Fort Pierce	FL	\$209
Lighthouse - Cleveland Harbor West Pierhead Lighthouse - Site Remediation	Cleveland	OH	\$1,210
Station Grand Haven - Site Remediation (Underground Storage Tank Release)	Grand Haven	MI	\$2,279
Coast Guard Yard (Site 7) -Long Term Management / Maintenance of Land Use Controls	Baltimore	MD	\$1,120
TRACEN Petaluma (Skeet Range) - Site Remediation (Soil Lead Contamination)	Petaluma	CA	\$4,300
BASE Ketchikan - Site Remediation (Marine Sediments Metals Contamination)	Ketchikan	AK	\$583
Station Manistee - Site Remediation (Soil/Groundwater Petroleum Contamination from Underground Storage Tank Release)	Manistee	MI	\$131
Lighthouse - St Joseph North Pierhead Light - Site Investigation	St Joseph	MI	\$26
Lighthouse - Michigan City East - Site Remediation	Michigan City	IN	\$26
Station Sault Ste Marie - Site Remediation	Sault Ste Marie	MI	\$151
Base Elizabeth City (Solid Waste Management Unit - 62) - Long Term Management [Seaplane Pipeline Release Site]	Elizabeth City	NC	\$189
Base Elizabeth City (Solid Waste Management Unit 55 / Gate 1)- Long Term Management	Elizabeth City	NC	\$221
TRACEN Petaluma Small Arms Firing Range - Site Remediation (Storm Water Runoff Control)	Petaluma	CA	\$240
Omega Station - Site Remediation (Polychlorinated Biphenyls Soil Contamination)	Island of Oahu	HI	\$747
Maili Transmitter Site - Site Remediation (Polychlorinated Biphenyls Soil Contamination)	Island of Oahu	HI	\$1,637

Project Title	Location	State	Estimated Cost To Complete (\$K)
Lighthouse - Egmont Key - Long Term Management [Monitoring of Natural Attenuation of Groundwater Contamination]	Egmont Key Island / Tampa Bay	FL	\$61
Station Sabine - Long Term Management [Monitoring of Natural Attenuation of Groundwater Contamination]	Sabine	TX	\$128
Lighthouse - Anclote Key - Site Remediation (Lead and Mercury Soil and Groundwater Contamination)	Anclote Key / Anclote River Tarpon Springs	FL	\$1,129
Lighthouse - Egmont Key - Site Remediation (Soil Lead Contamination)	Egmont Key Island / Tampa Bay	FL	\$85
Base St. Louis (former) - Site Investigation (Soil and Groundwater Contamination)	St. Louis	MO	\$156
Lighthouse - Cape Henry - Site Remediation (Soil Lead Contamination)	Virginia Beach	VA	\$239
LORAN Station Yap (former) - Long Term Management (Post - Cleanup Monitoring)	Yap	Micronesia	\$138
Air Station Annette Island - Site Remediation (Multiple Locations/Various Contamination Sources)	Metlakatia	AK	\$6,246
LORAN Station Ilio Point (former) - Site Remediation (Supplemental Cleanup)	Island of Molokai	HI	\$182
Mount Diablo Radio Station - Site Remediation (Lead and Total Recoverable Hydrocarbons Soil Contamination)	Contra Costa County	CA	\$1,146
Detachment Sandy Hook - Site Remediation (Fuel Spill Release - Superstorm Sandy Response)	Sandy Hook	NJ	\$413
Marine Safety Unit Valdez - Site Remediation (Underground Storage Tank Removal and Contamination Cleanup)	Valdez	AK	\$107
Radar Station Point Higgins - Soil Contamination (Petroleum Hydrocarbons)	Ketchikan	AK	\$1,056
Base Elizabeth City (Former Navy Dispensary and Barracks Site - FNDBRKS) - Long Term Management [Monitoring of Natural Attenuation of Groundwater]	Elizabeth City	NC	\$531
LORAN Station St. Paul - Site Remediation (Groundwater and Soil Remediation)	St. Paul Island	AK	\$10,477
LORAN Station Saipan (former) - Site Investigation (Potential Improper Waste/Debris Disposal)	Saipan	CNMI	\$130

Project Title	Location	State	Estimated Cost To Complete (\$K)
LORAN Station Ni'ihau (former) - Site Investigation (Potential Improper Waste/Debris Disposal)	Island of Ni'ihau	HI	\$151
Lighthouse - Robinson Point Light Station - Site Remediation (Lead and Total Petroleum Hydrocarbon Soil Contamination)	Robinson Point	WA	\$338
Lighthouse - Aiki Point Light Station - Site Remediation (Lead Soil Contamination)	Aiki Point	WA	\$224
Lighthouse - Point Wilson - Site Remediation (Fog/Signal Bldg)	Point Wilson Light	WA	\$78
Small Arms Firing Range Cape Disappointment - Resource Conservation and Recovery Act Investigation and Site Closeout	Iwaco	WA	\$481
Small Arms Firing Range Air Station/Sector Field Office Port Angeles - Investigation and Site Closeout	Port Angeles	WA	\$146
Port Arthur Housing - Site Investigation (Potential Soil Lead Based Paint Contamination)	Port Arthur	TX	\$36
Lighthouse - Destruction Island Lighthouse - Site Remediation (Capping of Multiple Soil Contaminants)	Destruction Island	WA	\$1,254
Lighthouse - Farallon Island Light Station - Site Remediation (Excavate/Removal of Multiple Soil Contaminants)	Farallon Island	CA	\$2,554
Lighthouse - Guard Island - Site Remediation (Lead Impacted Soil)	Tongass Narrows /Clarence Strait Ketchikan	AK	\$682
Station Ashtabula (former) - Site Remediation (Groundwater lead contamination investigation and assessment)	Ashtabula	OH	\$47
Station Oak Island - Site Remediation (Underground Storage Tank Release)	Oak Island	NC	\$99
Station Beach Haven (Barnegat Light) - Site Remediation (Underground Storage Tank Release)	Beach Haven	NJ	\$52
Lighthouse - Barnegat Light - Site Remediation (Underground Storage Tank Release)	Barnegat Light	NJ	\$338
Station Sheboygan - Site Investigation (Potential Soil Lead Contamination)	Sheboygan	WI	\$42
Lighthouse - Hanapepe Point - Site Remediation (Soil Lead Contamination)	Island of Kauai	HI	\$52
Lighthouse - Nawiliwili Harbor - Site Remediation (Soil Lead Contamination)	Island of Kauai	HI	\$57

Project Title	Location	State	Estimated Cost To Complete (\$K)
Lighthouse Pauwela Point - Site Remediation (Soil Lead Contamination)	Island of Maui	HI	\$57
Lighthouse Cape Kumukahi Point - Site Remediation (Soil Lead Contamination)	Island of Hawaii	HI	\$68
Lighthouse Nápó'opo'o - Site Remediation (Soil Lead Contamination)	Island of Hawaii	HI	\$73
Lighthouse Kauhola Point - Site Remediation (Soil Lead Contamination)	Island of Hawaii	HI	\$125
Lighthouse Beavertail - Site Remediation (Soil Lead Contamination)	Conanocit Island /Jamestown	RI	\$156
Lighthouse - Watch Hill - Site Remediation (Soil Lead Contamination)	Watch Hill	RI	\$219
LORAN Station Ulithi (former) - Site Remediation (Asbestos Containing Materials and Lead Based Paint)	Ulithi Atoll	Micronesia	\$656
Station Rochester - Site Remediation (Underground Storage Tank Release)	Rochester	NY	\$104
LORAN Station Kure (former) - Site Remediation (Soil Polychlorinated Biphenyl Contamination)	Kure Atoll	HI	\$1,535
Station Portage (former) - Site Remediation	Portage	MI	\$16
Lighthouse - Isle Royale (Menageri Island) Light Station - Site Remediation (Soil Contamination)	Portage	MI	\$26
Station Grand Marais (Auxiliary Operations Bldg Area) - Site Investigation	Grand Marais	MI	\$36
Lighthouse - Poverty Island Lighthouse - Site Remediation (Metals and Polyaromatic Hydrocarbons Soil Contamination)	Poverty Island	MI	\$994
Group Cape Hatteras (Old Group Buxton) - Site Remediation (Former Sanitary Leach Field)	Cape Hatteras	NC	\$1,644
Base Milwaukee (former - Old Group) - Site Remediation (Soil and Groundwater Contamination Underground Storage Tank Release)	Milwaukee	WI	\$1,061
Governors Island - Site Investigation	Governors Island	NY	\$57
Lighthouse Ned Point - Site Remediation (Soil Lead Contamination)	Mattapoisett	MA	\$99
Lighthouse - Isle La Motte - Site Remediation (Soil Lead Contamination)	Isle La Motta	VT	\$166
Lighthouse Windmill Point - Site Remediation (Soil Lead Contamination)	Alburg	VT	\$182
Lighthouse - Split Rock Point - Site Remediation (Soil Lead Contamination)	Lake Champlain	NY	\$234
Lighthouse - Wood End - Site Remediation (Soil Lead Contamination)	Provincetown / Cape Cod	MA	\$83
Lighthouse Race Point - Site Remediation (Soil Lead Contamination)	Race Point	MA	\$239

Project Title	Location	State	Estimated Cost To Complete (\$K)
Lighthouse - Marblehead - Site Remediation (Soil Lead Contamination)	Marblehead	MA	\$255
Lighthouse - Valcour Bluff Point - Site Remediation (Soil Lead Contamination)	Bluff Point	NY	\$317
Lighthouse - East Chop (former) - Site Remediation (Soil Lead Contamination)	Oak Bluffs / Martha's Vineyard	MA	\$323
Lighthouse - Tree Point Light Station - Site Remediation (Soil Lead, Metals and Petroleum Contamination)	Revilligigedo Channel / Tree Point Ketchikan	AK	\$1,576
Lighthouse - Long Island Head - Site Remediation (Soil Lead Contamination)	Long Island Head	MA	\$484
Lighthouse - Tarpaulin Cove - Site Remediation (Soil Lead Contamination)	Tarpaulin Cove	MA	\$489
Lighthouse - Perkins Island - Site Remediation (Soil Lead Contamination)	Perkins Island	ME	\$505
Lighthouse - Wood Island - Site Remediation (Soil Lead Contamination)	Wood Island	ME	\$968
LH Long Point Lighthouse - Site Remediation (Soil Lead Contamination)	Provincetown Harbor	MA	\$239
Lighthouse - West Chop - Site Remediation (Soil Lead Contamination)	Vineyard Haven Harbor / Tisbury	MA	\$1,264
Station Burlington - Site Investigation	Burlington	VT	\$47
Lighthouse - Little Sand Island - Site Investigation (Lead / Various Other Site Contaminants)	Little Sand	AL	\$234
Small Arms Firing Range Base Elizabeth City - Resource Conservation and Recovery Act Investigation and Site Closeout	Elizabeth City	NC	\$389
Small Arms Firing Range Communication Station Miami – Resource Conservation and Recovery Act Site Investigation/Remediation	Miami	FL	\$61
Small Arms Firing Range Communication Station New Orleans – Resource Conservation and Recovery Act Investigation and Site Closeout	New Orleans	LA	\$501
Base Miami Beach - Long Term Management [Groundwater Remediation - Underground Storage Tank Fuel Leak]	Miami	FL	\$73
Lighthouse - Eldred Rock (former) - Site Remediation (Soil Lead Contamination)	Sitka	AK	\$425
Lighthouse - Light Station Cape St. Elias (former) - Site Remediation (Soil Petroleum Contamination)	Kayak Island	AK	\$552

Project Title	Location	State	Estimated Cost To Complete (\$K)
LORAN Station Sitkinak Island - Site Remediation (Battery Cleanup and Soil Lead Contamination Remediation)	Sitkinak Island	AK	\$702
Lighthouse - Point Vicente Light Station - Site Remediation (Soil Lead Contamination)	Point Vicente	CA	\$68
Lighthouse - Cape Blanco Light Station - Site Remediation (Soil Lead Contamination)	Cape Blanco	OR	\$78
Lighthouse - Slip Point Light Station - Site Remediation (Soil Metals Contamination)	Clallam, Bay	WA	\$94
Lighthouse - Lime Point Light Station - Site Remediation	Lime Point	CA	\$104
Lighthouse - Point Fermin - Site Remediation (Soil Lead Contamination)	Point Fermin	CA	\$104
Lighthouse - Browns Point Light Station - Site Remediation (Soil Lead Contamination)	Browns Point / Tacoma	WA	\$109
Lighthouse - Point Conception Light Station - Site Remediation (Soil Lead Contamination)	Point Conception	CA	\$130
Lighthouse - Umpqua River - Site Remediation (Soil Lead Contamination)	Umpqua River / Winchester Bay	OR	\$140
Lighthouse - Yerba Buena Island (YBI) Light Station - Site Remediation (Soil Lead Contamination)	Yerba Buena Island	CA	\$151
Lighthouse - Point No Point Light Station - Site Remediation (Soil Lead Contamination/ Petroleum Shoreline Contamination)	Hansville / Puget Sound	WA	\$187
Lighthouse - East Brother - Site Remediation (Soil Lead Contamination)	East Brother	CA	\$172
Lighthouse - Point Loma Light Station - Site Remediation (Soil Lead Contamination)	Point Loma	CA	\$198
Lighthouse - Alcatraz Light Station - Site Remediation (Soil Lead and Arsenic Contamination)	Alcatraz Island	CA	\$192
Lighthouse - Point Montara - Site Restoration (Lead and Petroleum Soil Contamination)	Point Montara	CA	\$328
Lighthouse - Point Bonita - Site Remediation (Lead and Petroleum Soil Contamination)	Point Bonita	CA	\$354
Lighthouse - Cape Flattery - Site Remediation (Soil Contamination)	Cape Flattery	WA	\$676
Lighthouse - New Dungeness - Site Remediation (Lead, Cadmium and Polychlorinated Biphenyl Soil Contamination)	New Dungeness	WA	\$676

Project Title	Location	State	Estimated Cost To Complete (\$K)
Lighthouse - Turn Point - Site Remediation (Soil Contamination / Arsenic and Lead Cistern Water Contamination)	Turn Point	WA	\$817
Station Tillamook Bay Boathouse - Site Remediation	Tillamook	OR	\$36
Base Seattle - Site Remediation (Shore Ops Bldg Area)	Seattle	WA	\$140
LORAN-C Attu - Site Remediation (Polychlorinated Biphenyl Cleanup, Metals and other contamination sources/Various Locations)	Attu Island	AK	\$9,229
Station Bodega Bay - Site Investigation (Former Drum Storage Area)	Bodega Bay	CA	\$135
Lighthouse - Cape Hinchinbrook - Site Remediation (Soil metals, Polychlorinated Biphenyl, Petroleum Contamination)	Hinchinbrook Island, Prince William Sound	AK	\$525
LORAN-C Support Unit Wildwood - Site Remediation (Soil Contamination)	Wildwood	NJ	\$143
Air Station Astoria - Site Remediation (Underground Storage Tank Release)	Astoria	OR	\$16
Base Kodiak Lake Louise Housing - Site Investigation (Soil Underground Storage Tank Petroleum Contamination)	Kodiak	AK	\$153
LORAN-C Kodiak (Narrow Cape) - Site Remediation (Soil/groundwater Petroleum Contamination)	Kodiak	AK	\$373
LORAN-C Shoal Cove - Site Remediation (Soil Contamination Diesel Range Organics)	Shoal Cove	AK	\$1,427
Station Port Angeles - Site Remediation (Groundwater Monitoring at former Underground Storage Tank)	Port Angeles	WA	\$71
Air Station Barbers Point - Site Investigation	Island of Oahu	HI	\$72
Small Arms Firing Range TRACEN Petaluma – Site Remediation (Soil Lead Contamination at Side Berms)	Petaluma	CA	\$113
Lighthouse - Dry Tortugas - Site Remediation (Soil Lead Contamination)	Key West	FL	\$250
Station Gloucester - Site Investigation (Metals Contamination)	Gloucester	MA	\$41
Lighthouse - Prudence Island - Site Remediation (Soil Lead Remediation)	Prudence Island	RI	\$192
Yerba Buena Island - Site Remediation (Underground Storage Tank Release)	Yerba Buena Island	CA	\$510
Aunuu Island - Site Remediation (Aid to Navigation Batteries)	Aunuu Island	Am. Samoa	\$67
Air Station Clearwater - Long Term Management [Monitoring of Natural Attenuation of Fuel Release at Fuel Handling Hydrant #3]	Clearwater	FL	\$39

Project Title	Location	State	Estimated Cost To Complete (\$K)
LORANC-C Port Clearance - Soil Remediation (Petroleum and Metals Contamination and Debris Cleanup)	Port Clearance	AK	\$7,315
Lighthouse - Cape Arago - Site Remediation (Soil Remediation and Mercury Decontamination)	Cape Arago	OR	\$312
Small Arms Firing Range Base Kodiak - Resource Conservation and Recovery Act Investigation and Site Closeout	Kodiak	AK	\$450
Lighthouse - Point Diablo - Site Remediation (Soil Lead Contamination)	Point Diablo	CA	\$94
Base Elizabeth City (Bldg 100) - Site Investigation/Remediation @ Engine Test Cell Facility	Elizabeth City	NC	\$72
Sector Field Office Cape Hatteras - Site Investigation (Aboveground Storage Tank Release)	Cape Hatteras	NC	\$83
LORAN Station Biorka Island (former) - Site Remediation (Soil Petroleum Contamination)	Biorka Island/Sitka	AK	\$905
Station Portsmouth Harbor - Site Investigation (Underground Storage Tank Removal)	Portsmouth	NH	\$51
Air Station Clearwater - Site Remediation (Soil Contamination Former Burn Pit)	Clearwater	FL	\$67
Lighthouse - Fairway Island (former) - Site Remediation (Soil Lead and Mercury Contamination)	Fairway Island	AK	\$702
LORAN Station Cape Sarichef (former) - Site Remediation (Soil Petroleum and Lead Contamination)	Cape Sarichef	AK	\$3,300
Station Jones Beach - Site Investigation (Possible Petroleum Soil/Groundwater Contamination @ Boat Maintenance Facility)	Freeport	NY	\$35
Aid to Navigation Team Sledge Island - Site Remediation (Solid Waste Cleanup and Removal, Minor Soil Removal)	Sledge Island	AK	\$151
Lighthouse - Lincoln Island (former) - Soil Remediation (Soil Lead Contamination)	Lincoln Island	AK	\$501
Lighthouse - Cape Spencer - Site Investigation (Soil Petroleum and Lead Contamination)	Cape Spencer / Cross Sound	AK	\$445

Project Title	Location	State	Estimated Cost To Complete (\$K)
Lighthouse - Scotch Cap - Site Remediation (Petroleum Impact Soil and Debris Cleanup)	Unimak Island	AK	\$2,435
TRACEN Cape May - Site Investigation (Soil Lead Contamination @ Auxiliary Ops Bldg)	Cape May	NJ	\$42
Lighthouse - Palaoa Point - Site Remediation (Lead Soil Contamination)	Island of Lanai	HI	\$57
Lighthouse - Lā au Point - Site Remediation (Lead Impacted Soil)	Island of Molokai	HI	\$62
Small Arms Firing Range TRACEN Cape May - Resource Conservation and Recovery Act Site Remediation/Close Out	Cape May	NJ	\$1,611
Small Arms Firing Range TRACEN Yorktown - Resource Conservation and Recovery Act Investigation and Site Closeout	Yorktown	VA	\$292
Small Arms Firing Range Base Portsmouth - Resource Conservation and Recovery Act Investigation and Site Closeout	Portsmouth	VA	\$251
Small Arms Firing Range Base Ketchikan - Resource Conservation and Recovery Act Investigation and Site Closeout	Ketchikan	AK	\$292
Small Arms Firing Range TRACEN Petaluma - Resource Conservation and Recovery Act Investigation and Site Closeout	Petaluma	CA	\$281
Small Arms Firing Range Station Galveston - Resource Conservation and Recovery Act Investigation and Site Closeout	Galveston	TX	\$205
Base Portsmouth - Site Remediation (Sand Blast Grit Piles)	Portsmouth	VA	\$656
CGC SMILAX Moorings - Site Investigation (Phase II)	Jacksonville	FL	\$73
LORAN Station Ocean Cape (former) - Environmental Due Diligence Audit / Site Investigation	Yakutat	AK	\$486
Lighthouse - Point Crowley - Removal of Hazardous Material (Acetylene Gas Cylinders)	Kulu Island	AK	\$42
Lighthouse - Sentinel Island (former) - Long Term Management (Inspection of Soil Cap)	Sentinel Island	AK	\$68
ACADEMY - Site Remediation (Shipyard Parcel 1)	New London	CT	\$120
LORAN-C Tok - Long Term Management (Periodic Inspection of Institutional Controls)	Tok	AK	\$143
Lighthouse - Mary Island (former) - Site Remediation (Soil Lead and Petroleum Contamination)	Mary Island / Revilligigedo Channel	AK	\$447

Project Title	Location	State	Estimated Cost To Complete (\$K)
Lighthouse - Five Finger Islands - Long Term Management (Inspection of Soil Cap)	Five Finger Islands / Frederick Sound	AK	\$77
Lighthouse - Point Retreat (former) - Long Term Management (Inspection and Review of Institutional Controls/Soil Cap)	Admiralty Island	AK	\$68
Lighthouse - Cape Decision (former) - Long Term Management (Inspection of Soil Cap)	Kulu Island / Sumner Straight	AK	\$78
Aviation Support Facility Cordova - Long Term Management (Site Inspections)	Cordova	AK	\$47
Total Estimated Cost to Complete			\$140,022

Small Boat Purchases, Leases, Repairs, and Service Life Replacements

The information presented below fulfills the directive in Senate Report 114-68 accompanying the FY 2016 Department of Homeland Security Appropriations Act (P.L. 114-113):

“[T]he Coast Guard shall report to the Committee...detailing planned small boat purchases, leases, repairs, and service life replacements...[f]or fiscal year 2017, such information shall be included in the congressional budget justification.”

The Coast Guard continues to purchase, lease, repair, and replace small boats to maintain a capable inventory of assets. The Coast Guard anticipates expending approximately \$23.8 million in FY 2017 for the purchase of thirty-three small response boats, twenty-one over-the-horizon cutter boats, and other cutter boat replacements as necessary to continue operations.

Response Boat – Small (RB-S): The RB-S is manufactured by Metal Shark Aluminum Boats and cost an estimated \$365,000 per boat. The RB-S procurements are intended to replace RB-S boats that have surpassed their design service lives.

Cutter Boat – Over the Horizon (CB-OTH): The CB-OTH is manufactured by SAFE Boats International, LLC and cost an estimated \$434,000 per boat. The CB-OTH procurements are being procured to replace existing CB-OTH boats that are beyond their service lives.

Unfunded Priorities List

The information presented below fulfills the directive in Senate Report 114-68 accompanying the FY 2016 Department of Homeland Security Appropriations Act (P.L. 114-113):

“The Committee directs the Commandant to provide to Congress, at the time of the President’s budget submission, a list of approved but unfunded Coast Guard priorities and the funds needed for each.”

The President’s Budget provides the resources needed to meet Coast Guard’s highest priorities in FY 2017, including critical recapitalization efforts and operationalization of new assets.

The following table provides a brief description of other Coast Guard priorities that are not requested in the FY 2017 President’s Budget Request.

Project Name	Estimated Funding Need (\$K)	Project Description
National Security Cutter #9 Follow-On Acquisition Funding	\$138,000	Follow-on acquisition needs for National Security Cutter (NSC) #9, including: Post-Delivery Activities (PDA); testing, evaluation, and support activities; Major Acquisition Systems Infrastructure (MASI) (based on homeporting in Charleston, South Carolina); cutter boats; and Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR).
Boat Haulout Pier - Station Tillamook Bay	\$21,900	Replacement of the haulout pier and boat haulout system at Station Tillamook Bay, an outdated system that was installed in 1982.
Station Building - Station Key West	\$15,000	Construct new multi-purpose building to replace existing Station building to support Station Operations and correct existing condition and space deficiencies.
Sector Facilities - Sector Honolulu	\$34,500	Recapitalize Sector facilities to support operations and correct existing condition and space deficiencies.
Relocate Marine Safety Unit Morgan City	\$3,200	Provides for build-out of leased facility to support unit operations and address existing issues related to condition and space.

Project Name	Estimated Funding Need (\$K)	Project Description
Grays Harbor, WA: Channel Ranges Relocation - Shore AC&I Waterways and ATON Infrastructure	\$1,100	Relocates North Channel and Hoquiam Reach Ranges, Point Chehalis Range and Aberdeen Range Rear Light to account for channel realignment by US Army Corps of Engineers.
Station Facilities - Station South Padre Island	\$25,000	Construct new facilities to replace existing Station and Unaccompanied Personnel Housing to support operations and correct existing condition and space deficiencies.
Sector Facilities - Sector Buffalo	\$21,000	Recapitalize Sector facilities to support operations and correct existing condition and space deficiencies.
Waterfront Facilities - Cleveland	\$13,000	Recapitalize waterfront bulkhead in support of CGC NEAH BAY, CGC MORRO BAY, and Station Cleveland.
Total	\$272,700	