



FY 2021 Unfunded Priorities List

Report to Congress
March 13, 2020



U. S. Coast Guard

Foreword

I am pleased to present the following report, *FY 2021 Unfunded Priorities List*, which has been prepared by the U.S. Coast Guard.

Section 903 of title 14, United States Code, directs the annual submission of a list of approved but unfunded Coast Guard priorities and the funds needed for each priority.

Pursuant to Congressional requirements, this report is being provided to the following members of Congress:



The Honorable Peter DeFazio
Chairman, House Committee on Transportation
and Infrastructure

The Honorable Sam Graves
Ranking Member, House Committee on
Transportation and Infrastructure

The Honorable Roger Wicker
Chairman, Senate Committee on Commerce,
Science, and Transportation

The Honorable Maria Cantwell
Ranking Member, Senate Committee on
Commerce, Science, and Transportation

The Honorable Lucille Roybal-Allard
Chairwoman, House Appropriations
Subcommittee on Homeland Security

The Honorable Chuck Fleischmann
Ranking Member, House Appropriations
Subcommittee on Homeland Security

The Honorable Shelley Moore Capito
Chairman, Senate Appropriations
Subcommittee on Homeland Security

The Honorable Jon Tester
Ranking Member, Senate Appropriations
Subcommittee on Homeland Security.

I am happy to answer any further questions you may have, or your staff may contact my Senate Liaison Office at (202) 224-2913 or House Liaison Office at (202) 225-4775.

Sincerely,

A handwritten signature in blue ink that reads "Karl L. Schultz". The signature is fluid and cursive, with a large loop at the end.

Karl L. Schultz
Admiral, U. S. Coast Guard
Commandant



FY 2021 Unfunded Priorities List

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I. Legislative Language

This report responds to the language set forth in Section 5108 of title 14, United States Code (U.S.C), which states:

14 U.S.C. §5108. Unfunded Priorities List

(a) In General.-Not later than 60 days after the date on which the President submits to Congress a budget pursuant to section 1105 of title 31, the Commandant shall submit to the Committee on Transportation and Infrastructure of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate a list of each unfunded priority for the Coast Guard.

(b) Prioritization.-The list required under subsection (a) shall present the unfunded priorities in order from the highest priority to the lowest, as determined by the Commandant.

(c) Unfunded Priority Defined.-In this section, the term "unfunded priority" means a program or mission requirement that-

(1) has not been selected for funding in the applicable proposed budget;

(2) is necessary to fulfill a requirement associated with an operational need; and

(3) the Commandant would have recommended for inclusion in the applicable proposed budget had additional resources been available or had the requirement emerged before the budget was submitted.

This report also responds to the language set forth in the Senate Report 116-125 accompanying the Fiscal Year 2020 Department of Homeland Security Appropriations Act (P.L. 116-63), which states:

“Unfunded Priorities List.—The Committee directs the Coast Guard to provide to the Committee at the time of the fiscal year 2021 budget request submission a list of approved but unfunded Coast Guard priorities and the funds needed for each priority. The Coast Guard shall include projects that address unfunded aviation requirements, including unanticipated aviation infrastructure needs that result from emergent missions, disaster recovery, and other external factors.

II. FY 2021 Unfunded Priorities List (UPL)

Project Name	Funding (\$K)	Project Description
<i>Rebuilding Operational Capability (PC&I)</i>		
National Security Cutter (NSC) Follow-On Acquisition Funding	\$68,400	Follow-on acquisition needs for NSCs 10 and 11, including Post Delivery Activities (PDA), testing, evaluation, and support activities. PDA costs average ~\$100 million per NSC over the next several years. Additional funding will be required to support PDA in future years. Scalable.
Two Fast Response Cutters (FRCs)	\$140,000	Provides funding for two of the remaining four FRCs needed to complete the Coast Guard's domestic program of record.
One HC-130J Aircraft	\$120,000	Provides funding to purchase one missionized C-130J, manufactured by Lockheed Martin in Marietta, GA, and currently missionized by L3 Technologies in Waco, TX. This funding supports acquisition costs for one of the unfunded five missionized C-130Js required to achieve the Coast Guard's current program of record of 22 airframes.
Additional MH-60T SLEP Airframes	\$48,000	Aids in maintaining the Coast Guard's Medium Range Recovery capacity to align fleet recapitalization with DoD's future vertical lift program. The Coast Guard can leverage retired Navy SH-60 airframes or new hulls to convert into the Coast Guard's MH-60T configuration for increased fleet capacity. Scalable.
NSC Cutter Boats	\$4,100	Funds acquisition of four cutter boats to ensure full operability of the NSC 11 (one Long Range Interceptor and two Over the Horizon cutter boats) and one Long Range Interceptor to facilitate boat pooling in Charleston, SC.
HC-130J Air Station Transition Spare Parts	\$20,000	Funding will continue purchase of initial spare parts required to support the Air Station Barbers Point, HI transition from HC-130Hs to HC-130Js. Proper initial sparing inventory is essential to allow HC-130Js to meet operational availability targets while stationed at a remote location. Scalable.
<i>Subtotal: Rebuilding Operational Capability</i>	<i>\$400,500</i>	

<i>MASI - Major Acquisition Systems Infrastructure (PC&I)</i>		
OPC Engine Training Facility – Yorktown, VA	\$15,000	Construct a building to facilitate training courses specializing in operation and maintenance of the OPC's engines, generators, and propulsion systems. The building will include classrooms, full-scale training aides, simulation labs, offices, and administrative spaces.
OPC Homeport - Newport, RI (Phase I)	\$25,000	Complete phase 1 of facility improvements required to homeport OPCs in Newport, RI. Funding the first phase of the project in FY 2021 is an important step to ensuring that the entire project is complete and the homeport is ready in time for the arrival of the first OPC in Newport. Total cost of all phases is estimated to exceed \$100 million.
<i>Subtotal: MASI</i>	<i>\$40,000</i>	

<i>Housing, Family Support, Safety, and Training Facilities (PC&I)</i>		
Construct Base Housing - Kodiak AK (Phase III)	\$32,400	Continue funding for expanded housing project to support future cutter homeport deliveries.
Rebuild Family Housing – Ft. Wadsworth/Sector NY (Phase I)	\$40,000	Funds Phase I of a project that includes construction of new housing for up to eight Coast Guard families to replace that which was destroyed by fire in 2019 (\$20 million), as well as safety, habitability, and quality of life upgrades to 154 legacy housing units (\$20 million). Scalable.
Construct Housing – North Bend, OR	\$52,000	Funds would construct new housing for unaccompanied personnel and families in North Bend, OR to address long-standing shortfalls in adequate rental inventory. Scalable.
Barracks Renovation – TRACEN Cape May, NJ (Phase I)	\$45,000	Recapitalize TRACEN barracks for recruit companies, including providing classrooms and administrative support.
Aviation Hill Housing Water Tank, Kodiak, AK	\$8,600	Recapitalize the failing water tank and associated water line and equipment which supports both potable water and firefighting water for Base Kodiak.
<i>Subtotal: Housing, Family Support, Safety, and Training Facilities</i>	<i>\$178,000</i>	

<i>Shore Construction Addressing Facility Deficiencies (PC&I)</i>		
Great Lakes Flooding Impacts	\$38,000	Repair and reconstitute stations and waterfront infrastructure damaged or destroyed during historic flooding in FY2019. Funds projects across New York, Michigan, Wisconsin, and Indiana. <u>Scalable.</u>
Station Facilities – Station South Padre Island, TX	\$34,000	Construct new facilities to replace existing Station and Unaccompanied Personnel Housing to support operations and correct existing condition and space deficiencies.
Consolidation of Air Station and Boat Station – Elizabeth City, NC	\$68,000	Consolidate the Air Station and Boat Station facilities to create efficiencies, while recapitalizing the aging infrastructure.
Sector Facilities – Sector Sault Ste Marie, MI	\$33,000	Recapitalize Sector facilities to support operations and staffing, and to correct existing safety, security and space deficiencies.
Sector Facilities- Sector Honolulu, HI	\$44,100	Recapitalize Sector facilities to support operations and staffing, and to correct existing safety, security and space deficiencies.
<i>Subtotal: Shore Construction Addressing Facility Deficiencies</i>	<i>\$217,100</i>	

<i>Shore Construction Supporting Operational Assets and Maritime Commerce (PC&I)</i>		
WLB Pier Replacement – Sitka, AK	\$28,350	Recapitalize the WLB pier, which is beyond its service life and has load restrictions in place. The new pier will also support FRCs by providing structural capacity to meet cutter maintenance activities on the attached floating docks. This funding level assumes the project can be combined with the FRC homeport project in Sitka funded in the FY 2020 Appropriation.
Boat Ramp – Station Annapolis, MD	\$3,400	Recapitalize the boat ramp at Station Annapolis, MD, which is currently beyond its useful service life.
Consolidated Major Cutter Homeport – Charleston, SC (Phase I)	\$18,000	Funding supports a land exchange to acquire additional required waterfront and real estate contiguous with Base Charleston, as well as security infrastructure, demolition, utility studies, and a storm water management plan to support an increased Coast Guard footprint in Charleston.

<i>Shore Construction Supporting Operational Assets and Maritime Commerce (PC&I)</i>		
Waterfront Facilities – Cleveland, OH	\$25,000	Recapitalize waterfront bulkhead in support of CGC NEAH BAY, CGC MORRO BAY, and Station Cleveland.
Air Station Barbers Point Hangar Replacement – Oahu, HI (Phase I)	\$45,000	Construct a new hangar to support maintenance of the HC-130H/J aircraft, as the current hangar is not large enough to fully enclose these aircraft and provide adequate protection in a corrosive environment. The transition to four HC-130Js is scheduled to begin in FY 2022.
Travel Lift Piers – TRACEN Cape May, NJ	\$2,800	Recapitalize travel lift piers (currently beyond useful service life) to meet sufficient load capacity; supports boat maintenance of assets supporting operations at TRACEN Cape May.
Runway 1/19 – Elizabeth City, NC	\$25,000	Funds to fully recapitalize the existing crosswind runway at Base/Air Station Elizabeth City, NC.
Rebuild Aids to Navigation – Columbia River, WA/OR	\$2,300	Replace 50-year old failing wooden fixed aids to navigation with more durable steel structures.
Station Port Angeles, WA	\$9,000	Establishes covered moorings to provide a safe, dry, and protected work area for Station personnel performing boat maintenance. There are currently no organic "haul out" facilities to facilitate small boat maintenance at the unit.
Savannah Harbor Range - Savannah, GA	\$5,000	Construct new range to accommodate Army Corps Of Engineers dredging project and associated fixed ATON needs.
<i>Subtotal: Shore Construction Supporting Operational Assets and Maritime Commerce</i>	<i>\$163,850</i>	

PC&I Total:	\$999,450	
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<i>Operations & Support (O&S) - Personnel Readiness</i>		
Training and Critical Course Development	\$6,359	Supports development of training aids and critical courses.
Recruiting and Retention	\$6,000	Supports ongoing efforts to recruit and retain a skilled and diverse workforce, including targeted recruiting efforts and retention initiatives.
<i>Subtotal: Personnel Readiness</i>	<i>\$12,359</i>	

<i>Operations & Support (O&S) - Asset Readiness</i>		
Infrastructure Modernization - Rescue 21 Alaska	\$14,000	Recapitalize generators and microwave links at Rescue 21 sites to improve performance of search and rescue system in Alaska.
Data for Decisions	\$6,000	Implement Big Data Platform and tools for machine learning and artificial intelligence initiatives.
Phone System Modernization	\$6,500	Begins the transition of the Coast Guard's voice networks to a modern Voice over Internet Protocol (VoIP) network. Existing legacy systems are becoming extremely unreliable and difficult to maintain.
Next Generation Cutter Underway Connectivity	\$15,000	Modernizes and strengthens the reliability of the Coast Guard's commercial satellite communications onboard cutters and deployable contingency assets Service-wide.
MH-65 (NCR/dRWAI) Link 16	\$3,000	Tactical datalink for information sharing with DOD assets. Outfits 20 MH-65s. Scalable.
Cyber Readiness	\$16,000	Modernize cybersecurity toolset for defense of Coast Guard Networks to align with DOD.
Cutter Navigation and Domain Awareness Systems	\$17,500	Recapitalize obsolete Scalable Integrated Navigation System and Electro-Optical/Infrared systems, and deploy SeaWatch 3.1 aboard cutters. Scalable.
Critical Depot Level Maintenance (Cutters, Boats, Aircraft)	\$5,000	Continue to address surface and air fleet readiness challenges associated with lack of adequate depot-level spare parts inventory and resources for maintenance availabilities. Current depot maintenance backlog tops \$165 million. Scalable.
Critical C5I Depot Level Maintenance	\$25,000	Continue to address the \$300 million backlog for Command, Control, Communications, Computers, Cyber, and Intelligence (C5I) systems. Scalable.
Critical Shore Depot Level Maintenance	\$20,000	Continue to address the nearly \$1 billion shore infrastructure backlog to fund the most critical projects affecting health and habitability for the workforce. Scalable.
MH-60T Helicopter Avionics Refresh	\$10,000	The Multi-Function Display used in the MH-60T is obsolete and can no longer be procured or repaired. In order to continue sustaining current aircraft and extend the MH-60 fleet in the future, the Service needs \$10 million for non-recurring engineering to test & evaluate replacements for these obsolete components.
Vessel Screening Database	\$2,000	Supports Coast Guard intelligence project to recapitalize the legacy database used to support vessel screening and vetting.
MH-60T Cutter Deployment Configuration Conversion	\$19,100	Provides funding for wiring harnesses for the current MH-60T fleet of 48 aircraft, plus rotor heads for ten aircraft, which, when installed together, enable blade and tail fold to allow aircraft hangaring. This increase in capability will facilitate underway deployments of MH-60s. Scalable.

Operations & Support (O&S) - Asset Readiness		
Aids to Navigation Mission Support	\$7,000	Address funding gap for floating Aids to Navigation (ATON) for coastal & inland buoy, chain, and additional required maintenance equipment. Scalable.
Subtotal: Asset Readiness	\$166,100	

Operations and Support - Environmental Compliance & Restoration (EC&R)		
CG PFAS Evaluations and Contingency Response	\$5,000	Funds to conduct preliminary assessments and limited investigative activities to determine PFAS impacts using the CERCLA process. Fund also includes contingency for future PFAS emergency responses.
CG Safe Homes Investigation/Remediation	\$2,500	Funds to address investigation/remediation under CERCLA/applicable regulations for sites identified during the Safe Homes initiative or otherwise known/suspected to contain contamination near a housing area.
Subtotal: EC&R	\$7,500	

O&S Total	\$185,959	
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Research & Development (R&D)		
R&D	\$3,000	Provide innovative technologies, analysis and decision support for Unmanned Aerial Systems (UAS). Funding in this focus area would support projects identified by stakeholders including: Low-cost autonomous ISR using UAS conversion technology; Low-cost Long Range UAS solutions; Use of UAS for SAR.
R&D Total	\$3,000	

Total across all appropriations	\$1,188,409	
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