



# Research Projects: Transactions Other Than Contracts and Grants (FY 2024)

Report to Congress  
*December 30, 2024*



U.S. Coast Guard

# Foreword

December 30, 2024

I am pleased to present the following report, “Research Projects: Transactions Other Than Contracts and Grants (FY 2024),” prepared by the U.S. Coast Guard.

Section 719(g) of title 14, U.S. Code, directs the submission of a report on transactions, other than contracts, cooperative agreements, and grants, in carrying out basic, applied, and advanced research projects.

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

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

The Honorable Ted Cruz  
Ranking Member, Senate Committee on Commerce, Science, and Transportation

The Honorable Sam Graves  
Chairman, House Committee on Transportation and Infrastructure

The Honorable Rick Larsen  
Ranking Member, House Committee on Transportation and Infrastructure.

Should you require additional assistance, please do not hesitate to contact my Senate Liaison Office at (202) 224-2913 or House Liaison Office at (202) 225-4775.

Sincerely,



Linda L. Fagan  
Admiral, U.S. Coast Guard  
Commandant





# **Research Projects: Transactions Other Than Contracts and Grants (FY 2024)**

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# I. Legislative Language

This report responds to the language set forth in Section 719(g) of title 14, U.S. Code, which requires:

## **14 USC § 719(g) RESEARCH PROJECTS; TRANSACTIONS OTHER THAN CONTRACTS AND GRANTS**

(g) Annual Report. —On the date on which the President submits to Congress a budget pursuant to section 1105 of title 31, the Commandant shall submit to the Committees on Appropriations and Transportation and Infrastructure of the House of Representatives and the Committees on Appropriations and Commerce, Science, and Transportation of the Senate a report describing each use of the authority provided under this section during the most recently completed fiscal year, including details of each use consisting of—

- (1) the amount of each transaction;
- (2) the entities or organizations involved;
- (3) the product or service received;
- (4) the research project for which the product or service was required; and
- (5) the extent of the cost sharing among Federal Government and non-Federal sources.

## II. Report

Table 1 includes all transactions other than contracts, cooperative agreements, and grants carrying out basic, applied, and advanced research projects for the Coast Guard's Research and Development program during Fiscal Year 2024.

**Table 1: Research Projects Transactions Other than Contracts and Grants**

Research Project Title	Entities/Organizations Involved	Transaction Amount	Cost Sharing Federal Government and non-Federal sources	Product/Service Received
Wireless Crew Communications	Defense Innovation Unit (DIU), Coast Guard	\$191,650	No cost share (Coast Guard funded)	Procurement of a wired communications system to accelerate the deployment of future wireless Boat Crew Communications System across the fleet. The wired communication system is the foundation for the wireless capability that will be deployed in the future. All components of the wired system will be re-used in the wireless system, allowing for a staged deployment of this future capability as the resources are made available.
Wireless Crew Communications	Defense Innovation Unit (DIU), Coast Guard	\$871,000	No cost share (DIU funded)	Prototyping of the wireless crew system design and configuration for the Response Boat – Medium to include new wireless modules, antennas, base stations, switches, etc. Additional procurement of new wireless boat communications systems to facilitate operational testing evaluations of the proposed solution at various locations across the Coast Guard. The testing will validate the wireless design and configuration in different operational environments.
<b>Total obligations</b>		<b>\$1,062,650</b>		

## Appendix: Abbreviations

Abbreviations	Definition
DIU	Defense Innovation Unit
FY	Fiscal Year