FY23 NOAA Rear Admiral Richard T. Brennan
Ocean Mapping Matching Fund Program

We will start at 2pm E.T.
Ashley Chappell
NOAA Integrated Ocean and Coastal Mapping
Christina Fandel
Chief, Operations Branch, Hydrographic Surveys Division

In honor of RDML Richard T. Brennan
Seminar Logistics

- We encourage you to share input and feedback using the webinar and email:
  - We will be recording, attendees or their likeness will not be posted
  - Use “Chat” function to write your questions.
  - When submitting a question, please let us know if you would like to speak and we will unmute you.
- You can email us at iwgo cm.staff@noaa.gov or ashley.chappell@noaa.gov for any follow-up questions.
FY23 NOAA Rear Admiral Richard T. Brennan
Ocean Mapping Matching Fund Program
53% of U.S. Coastal, Ocean, and Great Lakes Waters are Unmapped (January 2021 analysis)
Map Once, Use Many Times

NATIONAL STRATEGY FOR MAPPING, EXPLORING, AND CHARACTERIZING THE UNITED STATES EXCLUSIVE ECONOMIC ZONE

Prepared by the
OCEAN SCIENCE AND TECHNOLOGY SUBCOMMITTEE
of the
OCEAN POLICY COMMITTEE

June 2010

MAPPING THE COAST OF ALASKA
A 10-Year Strategy in Support of the United States Economy, Security, and Environment

https://iocm.noaa.gov/about/strategic-plans.html
Matching Fund Pilot in Brief

- Grow NOAA/non-federal mapping partnerships
- Receive and match funds to acquire more ocean and coastal hydrographic survey data for mutual benefit
- Expand collection of publicly accessible mapping data
- Increasing hydrographic surveying and coastal mapping to help improve:
  - Safe navigation
  - Coastal community resilience
  - Climate adaptation/mitigation
  - Integrated ocean and coastal mapping
  - Infrastructure
  - Coastal and ocean science
  - Blue Economy
  - MANY other activities
Areas of Focus

For this opportunity, proposals will be considered that are aligned with national priorities for climate and infrastructure, and the goals of the NOMEC, ACMS, and the Coast Survey Ocean Mapping Plan:

A. Map the United States Exclusive Economic Zone (EEZ)

B. Expand Alaska Coastal Data Collection to Deliver the Priority Geospatial Products Stakeholders Require

C. Map the full extent of waters subject to U.S. jurisdiction to modern standards
Tools to Use
Eligibility

- Non-Federal entities. Examples:
  - State/local governments
  - Tribal entities
  - Universities/academia
  - Private sector
  - NGOs/philanthropic orgs
  - Coalitions of non-federal entities

- Qualifying proposals must demonstrate the ability to provide at least 50% matching funds, for transfer to NOAA by September 2022 via memorandum of agreement
What NOAA Brings

- Hydrographic surveying and shoreline mapping expertise
- 50% match
- 33 U.S.C. 883e authority to receive funds
- Value-added contract management and oversight
- Survey compliance
- Survey/control and correction/calibration services
- Data processing, quality assessment and review of all acquired hydrographic data
- Data management and stewardship from ping to hi-res products to archive at NOAA National Centers for Environmental Information

https://nauticalcharts.noaa.gov/about/docs/about/ocean-mapping-capabilities.pdf
Potential products include, but not limited to:

- Bathymetric data (multibeam, single beam, lidar)
- Backscatter
- Water column (depth dependent)
- Side scan sonar imagery
- Feature detection reports
- Sensor/data corrections and calibrations (e.g., conductivity, temperature and depth casts)
- Survey and control services, including the installation, operation, and removal of water level and Global Positioning System stations
- Data processing, quality assessment and review of all acquired hydrographic data
- Data management and stewardship through data archive at the National Centers for Environmental Information
- High-resolution topographic/bathymetric product generation
Year 1: Coast Survey and the National Geodetic Survey anticipate funding up to five survey projects at a 50% match of up to $1 million per project. All projects are expected to have a FY2023 project start date and all non-Federal partner matching funds must be received by NOAA in October 2022. NOAA intends to complete each selected project within two (2) years.
Deadlines and Dates

To: iwgoct.staff@noaa.gov

- **October 29, 2021**: Due date for proposals
- **October 29, 2021**: Due date for statements of interest regarding potential future proposals
- **November 5, 2021**: Due date for additional GIS files supporting a proposal
- **January 7, 2022**: NOAA issues its decisions on proposals
- **February 2022**: NOAA works with selected partners to develop memoranda of agreement to facilitate the transfer of funds from the non-Federal partner to NOAA
- **May 2022**: NOAA finalizes the memoranda of agreement with partners
- **June-September 2022**: Non-Federal partners transfer matching funds to NOAA; funds must be available to NOAA for contracting in October 2022
- **January-September 2023**: NOAA issues task orders to its survey contractors for NOAA/partner projects
Submission Requirements

Six (6) total pages (plus GIS files of project areas) and the following three components:

1. A project title; executive summary (three to five sentences); and the names, affiliations, and roles of the project partners and any co-investigators, as well as the project lead that will serve as primary contact (one page maximum).

2. A justification and statement of need; description and graphics of the proposed survey area polygon(s) including relevance to the strategic areas of focus noted under Areas of Focus section and degree of flexibility on timing of survey effort (four pages maximum).

3. A project budget that lists the source(s) and amount(s) of funding that the partner would provide as its 50 percent contribution to NOAA. Budget must confirm that partner funds can be transferred to NOAA by September 2022 (one page maximum).
Proposals will be evaluated by the Brennan Matching Fund Program Management Team.

E.g., does the proposal have:

- Intrinsic IOCM value and/or relevance to NOAA missions and priorities?
- Clear need, anticipated outcomes, public benefit?
- POC and partners identified? Funding sources identified?
- Realistic proposed budget?
- Feasibility, flexibility?
Not this year, maybe next?

We want to hear from you!

Interested but the timing doesn’t work? You’d consider submitting a proposal in future?

One page letter of interest: Tell us what your timing hurdles are, where/what you are interested in, potential partners if more time, etc.
Proposals must be submitted in PDF format via email to: iwgocm.staff@noaa.gov by October 29th, 2021

FOR FURTHER INFORMATION CONTACT: Ashley Chappell, NOAA Integrated Ocean and Coastal Mapping Coordinator 240-429-0293 or ashley.chappell@noaa.gov
Questions?