

NOAA Matching Fund Opportunity for Hydrographic Surveys

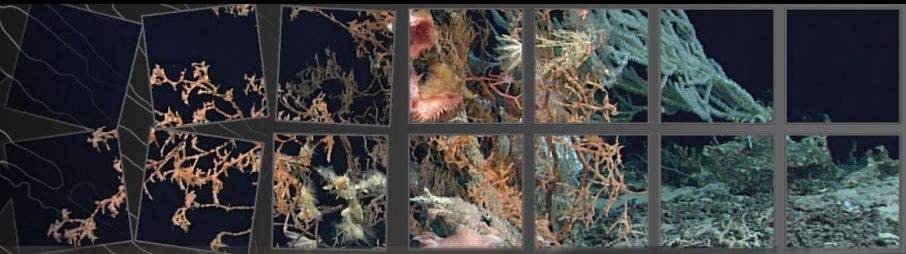
Richard T. Brennan

Rear Admiral (Select) for NOAA Office of Coast Survey

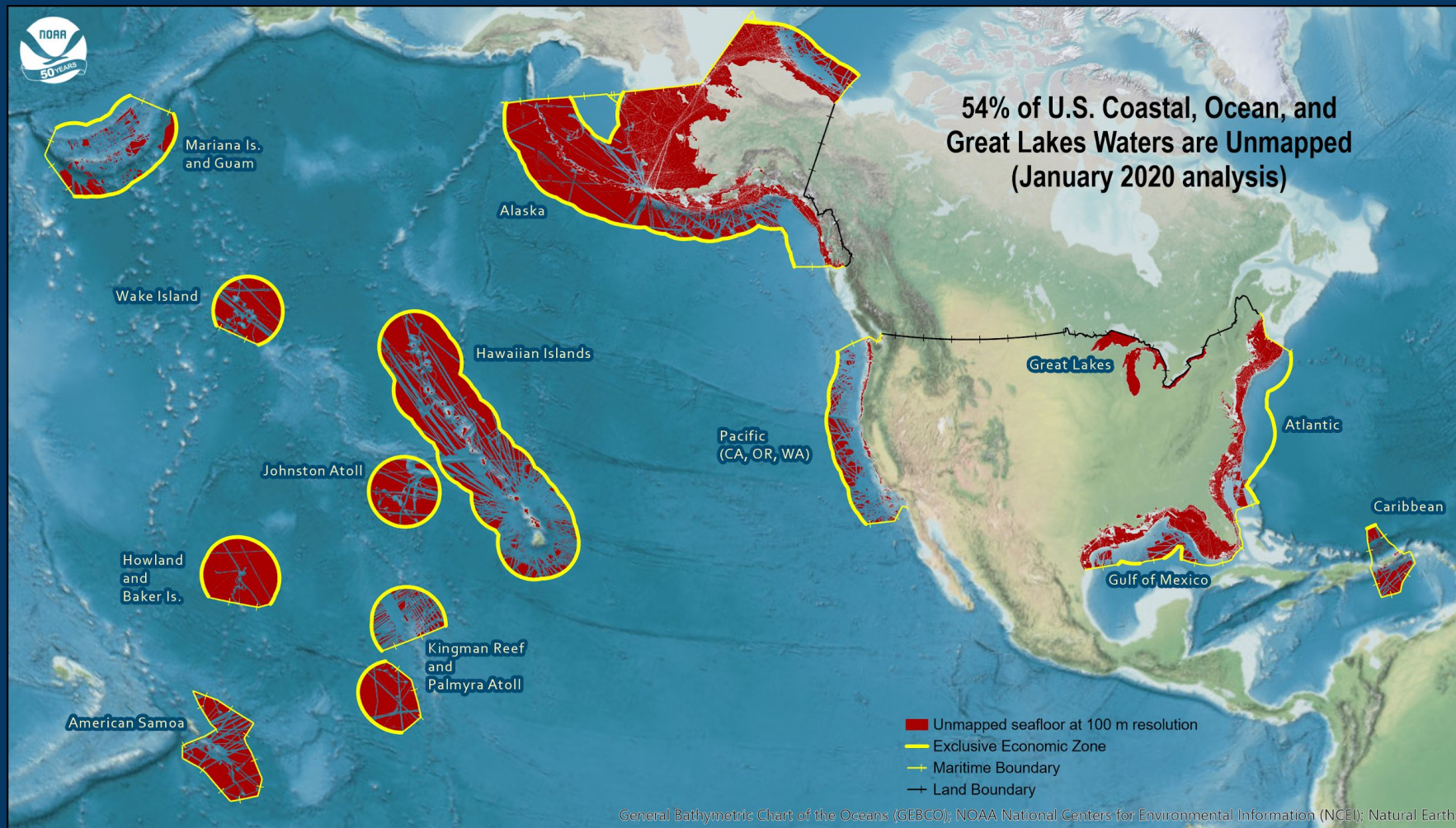
Corey Allen

Chief, Operations Branch, Hydrographic Surveys Division

Seminar Logistics



- ❑ We encourage you to share input and feedback using the webinar and email:
 - ❑ 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 iwgocm.staff@noaa.gov or ashley.chappell@noaa.gov for any follow-up questions.



Map Once, Use Many Times

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



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 2020

MAPPING THE COAST OF ALASKA

A 10-Year Strategy in Support of the United States Economy, Security, and Environment



June 2020

Mapping U.S. Marine and Great Lakes Waters:
Office of Coast Survey Contributions
to a National Ocean Mapping Strategy

July 2020

Office of Coast Survey
National Ocean Mapping Strategy
July 2020

<https://iocm.noaa.gov/about/strategic-plans.html>

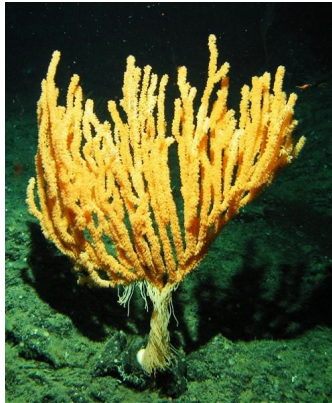
Matching Fund Pilot in Brief

GOALS

- ❑ Grow NOAA/non-federal mapping partnerships
- ❑ Receive and match funds to acquire more ocean and coastal hydrographic survey data for mutual benefit
- ❑ All resulting products will be available to the public
- ❑ Increasing hydrographic surveying will help improve:
 - ❑ Safe navigation
 - ❑ Coastal community resilience
 - ❑ Integrated ocean and coastal mapping
 - ❑ Coastal and ocean science
 - ❑ Blue Economy
 - ❑ **MANY** other activities

Areas of Focus

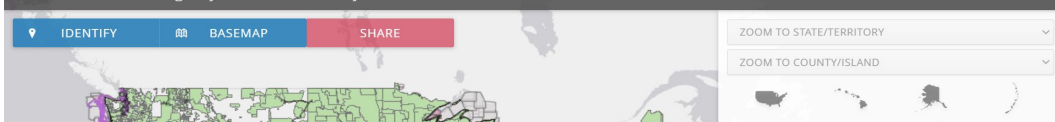
Proposals might consider alignment with NOMECS, ACMS, and the Coast Survey *Ocean Mapping Plan*



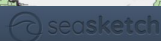
- A. Map the United States Exclusive Economic Zone (EEZ)**
- B. Expand Alaska Coastal Data Collection to Deliver the Priority Geospatial Products Stakeholders Require**
- C. Map the full extent of waters subject to U.S. jurisdiction to modern standards**

Tools to Use

United States Interagency Elevation Inventory



U.S. Mapping Coordination
A Collaboration Site for Mapping Data Acquisition



English Italiano

Data Layers

My Plans

Data Layers Basemap Legend

Search layers by name or keyword

Home Web Map: Planned NOAA Hydrographic Survey Projects - 2019-2021

Details

Basemap

Share

Print

Measure

Find address or place

About

Content

Legend

Legend

Planned Survey Areas

OCS Survey Plans

2019

2020

2021

2022

2023

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HYDROGRAPHIC SURVEYS SPECIFICATIONS AND DELIVERABLES

May 2020

S-44 Edition 6.0.0



International Hydrographic Organization
Standards for Hydrographic Surveys

International Hydrographic Organization

Published by the
International Hydrographic Organization

At least A4 or 11"

Principal de Monaco

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Eligibility

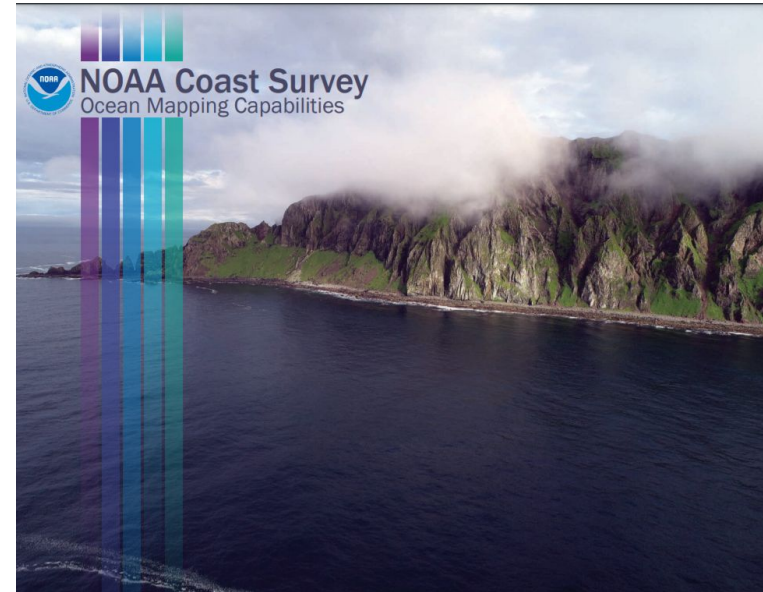
- ❑ Non-Federal entities. Examples:
 - ❑ State/local governments
 - ❑ Tribal entities
 - ❑ Universities/academia
 - ❑ Private sector
 - ❑ NGOs/philanthropic orgs
 - ❑ Coalitions of non-federal entities
- ❑ Qualifying proposals must demonstrate the ability to provide at least 50% matching funds, for transfer to NOAA by October 2021 via memorandum of agreement



Big Sur coastline, photo by NOAA

What Coast Survey Brings

- ❑ Hydrographic 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 Env Information

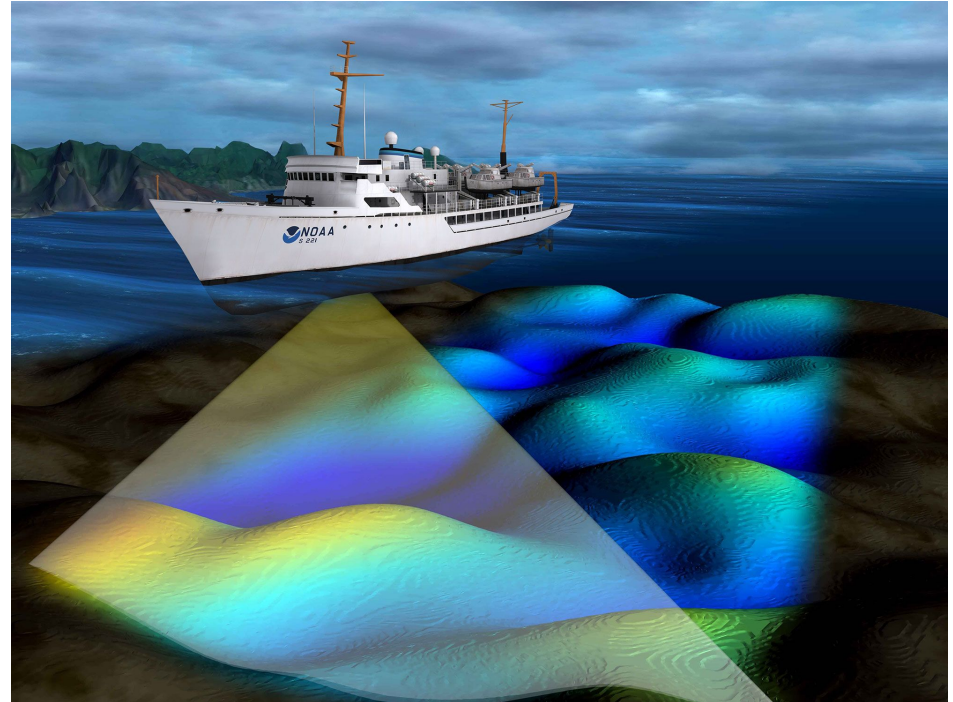


<https://nauticalcharts.noaa.gov/about/docs/about/ocean-mapping-capabilities.pdf>

Products

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
- ❑ Sediment sampling



Deadlines and Dates

To: iwgocm.staff@noaa.gov

- ❑ February 26, 2021, 5PM ET: Due date for proposal
- ❑ March 5, 2021: Due date for additional GIS files supporting a proposal
- ❑ March 26, 2021: NOAA issues its decisions on proposals (subject to appropriations)
- ❑ April 2021: NOAA works with selected partners to develop MOAs to facilitate the transfer of funds from the non-Federal partner to NOAA
- ❑ August 2021: NOAA finalizes each memorandum of agreement with partners
- ❑ October 2021: Non-Federal partners transfer matching funds to NOAA
- ❑ October 2021-September 2022: NOAA issues task orders to its survey contractors for NOAA/partner projects



Funding Availability & Project Period

Year 1: Coast Survey anticipates funding up to five survey projects at a 50% match of up to \$1 million per project. All projects are expected to have a FY2022 project start date and all non-Federal partner matching funds must be received by NOAA in October 2021. NOAA intends to complete each selected project within two (2) years.



Submission Requirements



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

1. A project title; executive summary (3-5 sentences); names, affiliations, and roles of the project partners and any co-investigators; project lead to serve as primary contact (1 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 and degree of flexibility on timing of survey effort (4 pages maximum).
3. A project budget that lists the source(s) and amount(s) of 50% funding match that the partner would provide. Budget must confirm that partner funds can be transferred to NOAA by October 31, 2021 (1 page maximum).



Evaluation Criteria

Proposals will be evaluated by the Coast Survey Hydrographic Surveying 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.

Contact information

Proposals must be submitted in PDF format via email to:

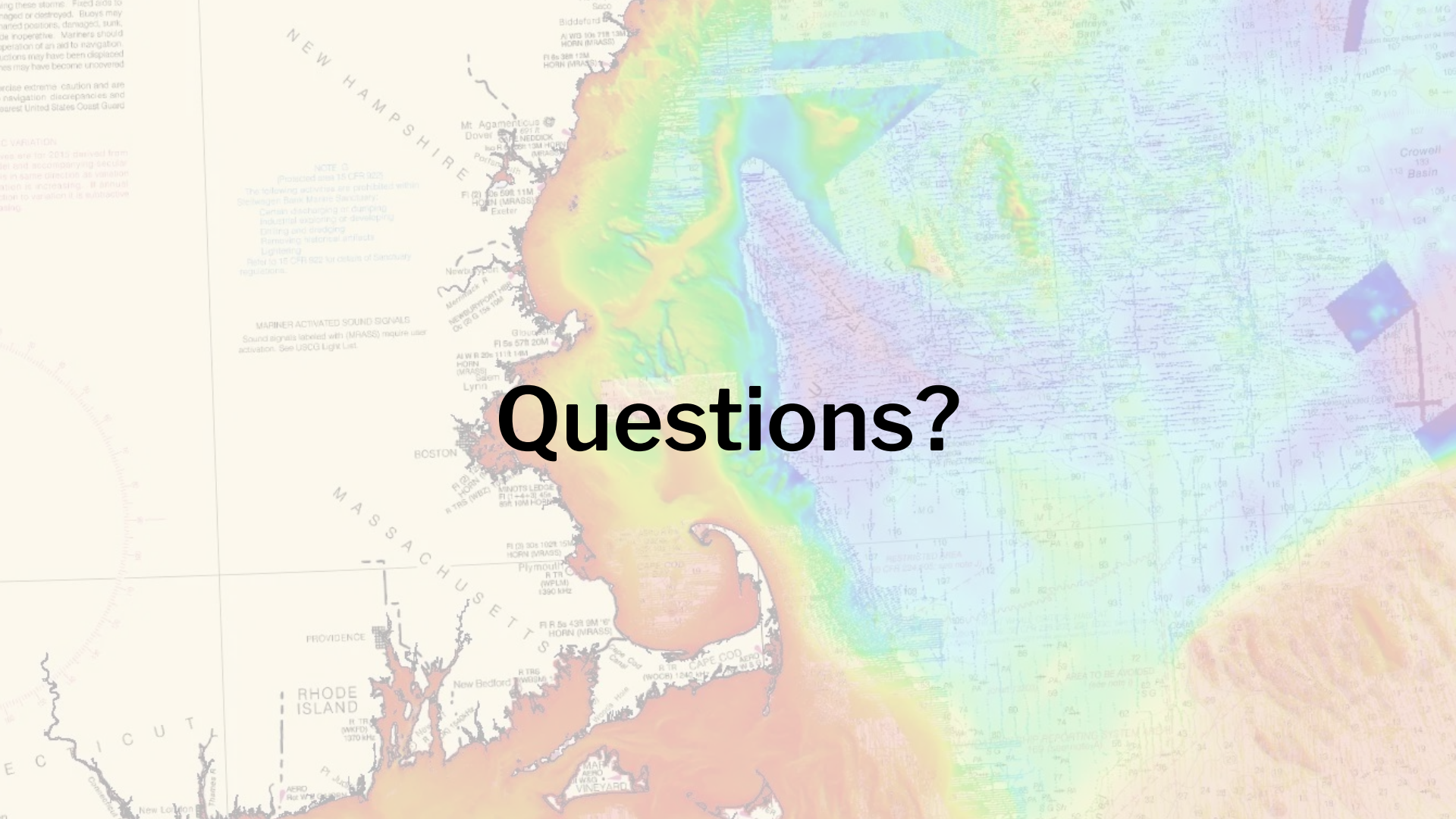
iwgocm.staff@noaa.gov

by **February 26, 2021**

FOR FURTHER INFORMATION CONTACT:

Ashley Chappell, NOAA Integrated Ocean and Coastal Mapping Coordinator

240-429-0293 or ashley.chappell@noaa.gov



Fixed aids to navigation may be damaged or destroyed. Buys may be in error. Mariners should exercise extreme caution and are advised to report discrepancies and aid locations to the United States Coast Guard.

IC VARIATION
Data for 2013 derived from the International Geomagnetic Reference Field. Magnetic variation is increasing. If annual variation is 1 minute, the variation is 1 minute.

NOTE C
(Posted on 15 CFR 902)
The following activities are prohibited within Stellwagen Bank Marine Sanctuary:
Certain discharging or dumping
Drilling and dredging
Removing historical artifacts
Lighting
Refer to 15 CFR 902 for details of Sanctuary regulations.

MARINER ACTIVATED SOUND SIGNALS
Sound signals labeled with (MRSS) require user activation. See USCG Light List.

Questions?