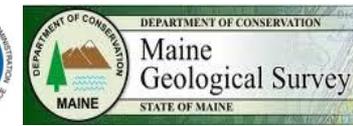


# MAINE COASTAL MAPPING INITIATIVE

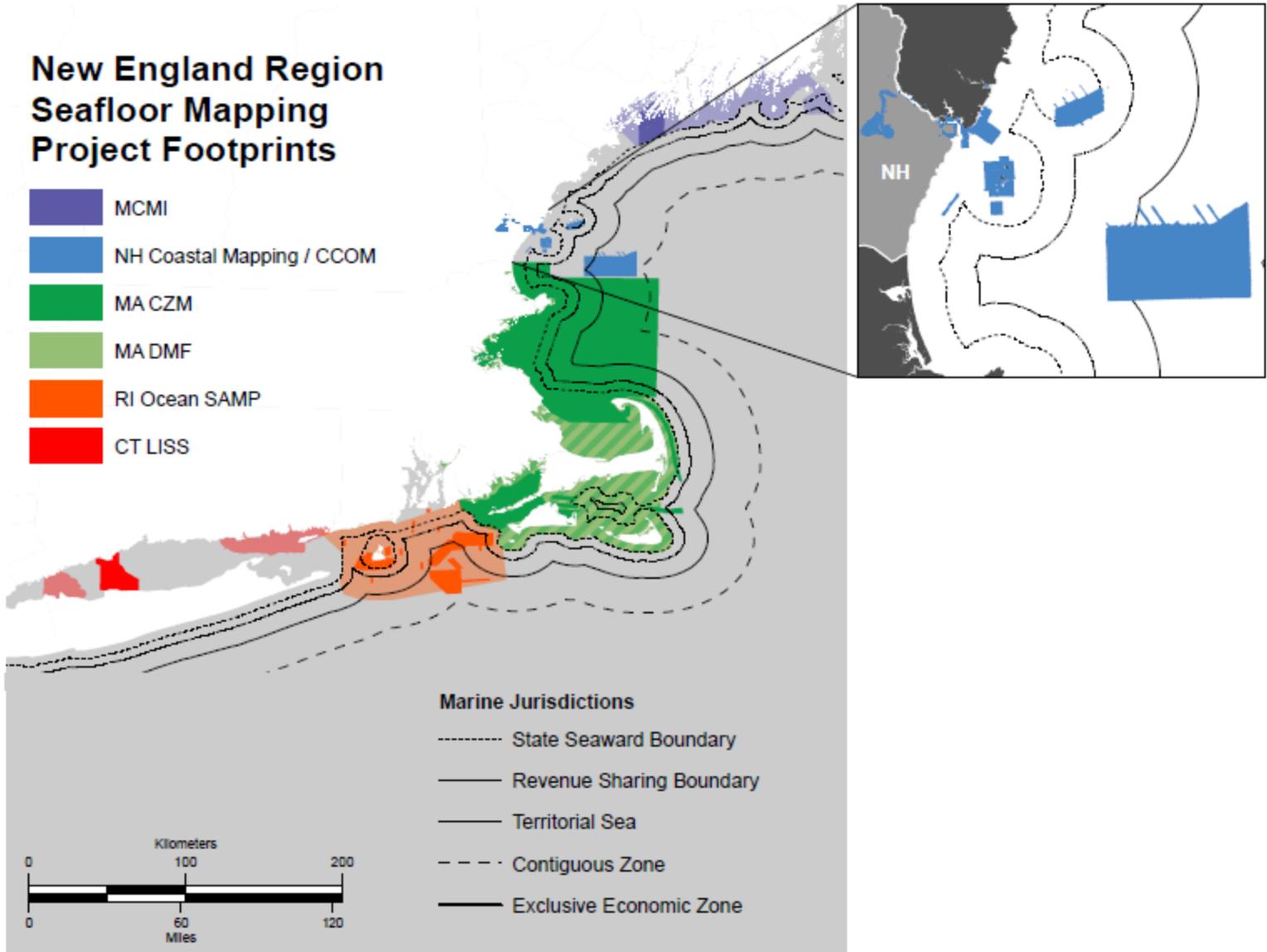
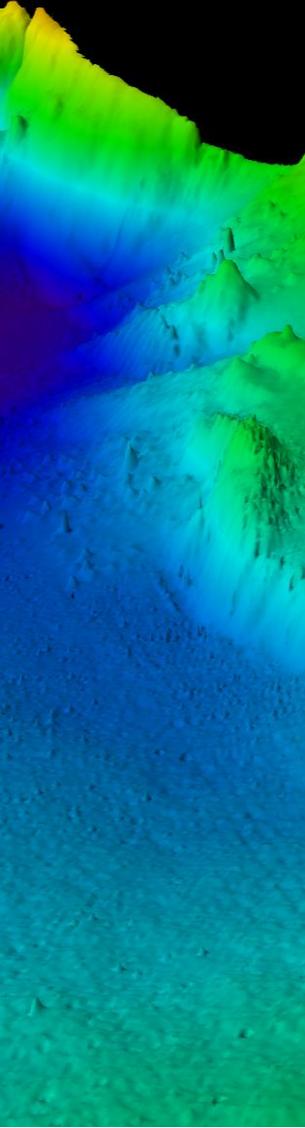
## Maine Coastal Program



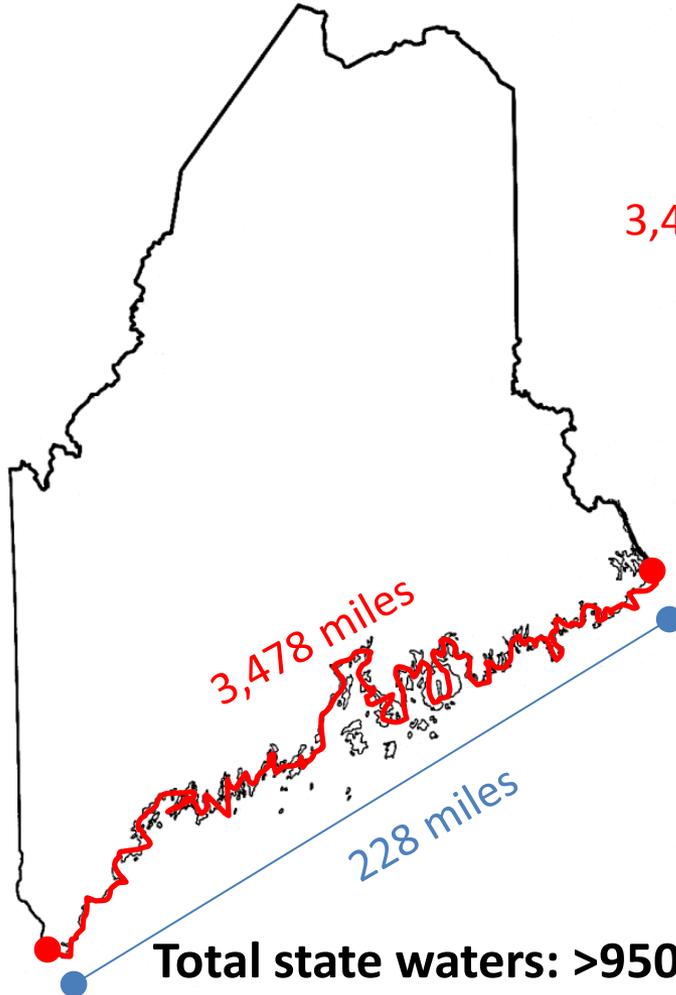
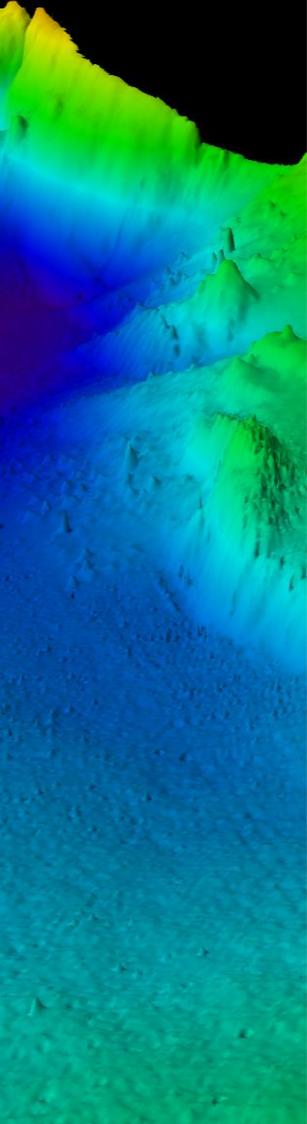
# WHY SEAFLOOR MAPPING?

- Ocean Resource Data Assessment
- Seafloor Mapping Data is critical to a wide variety of uses and value added analysis:
  - Habitat Identification and Classification
  - Effective Management of Offshore Development
  - Offshore Sand Deposit Identification
  - Fisheries Management
    - Stock Recruitment Predictions
    - Unique Habitat Identification
  - Maritime Safety and Resilience
  - Emergency Preparedness
  - Sealevel Rise Adaptation and Modeling

# BATHYMETRIC MAPPING IN NE

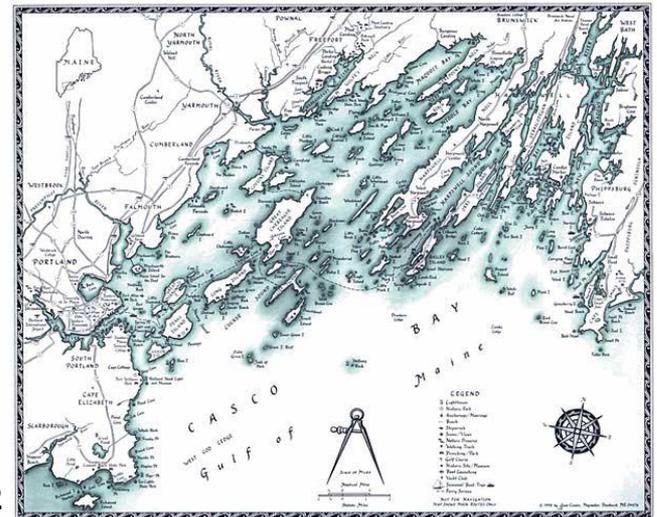


# WHY IS MAINE SO FAR BEHIND?



Total state waters: >9500 mi<sup>2</sup>

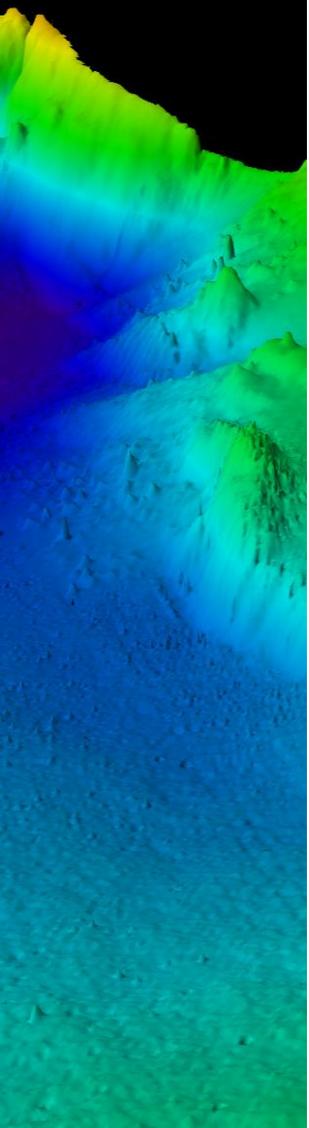
3,427 miles



CASCO BAY \* AND \* THE CALENDAR ISLANDS

\*Also, limited funding and small federal presence.

# HOW ARE THESE DATA COLLECTED?



Multibeam sonar

ROV

Drop camera

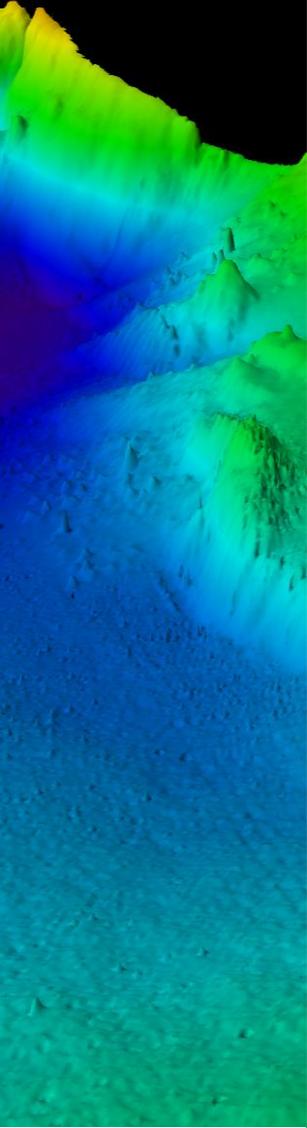
Shipek Grab

<http://www.rentarov.com/web/pics%20rov/pages/rov%20with%20manipulator.htm>

[http://www.offshoresurvey.blogspot.com/2013\\_04\\_01\\_archive.html](http://www.offshoresurvey.blogspot.com/2013_04_01_archive.html)

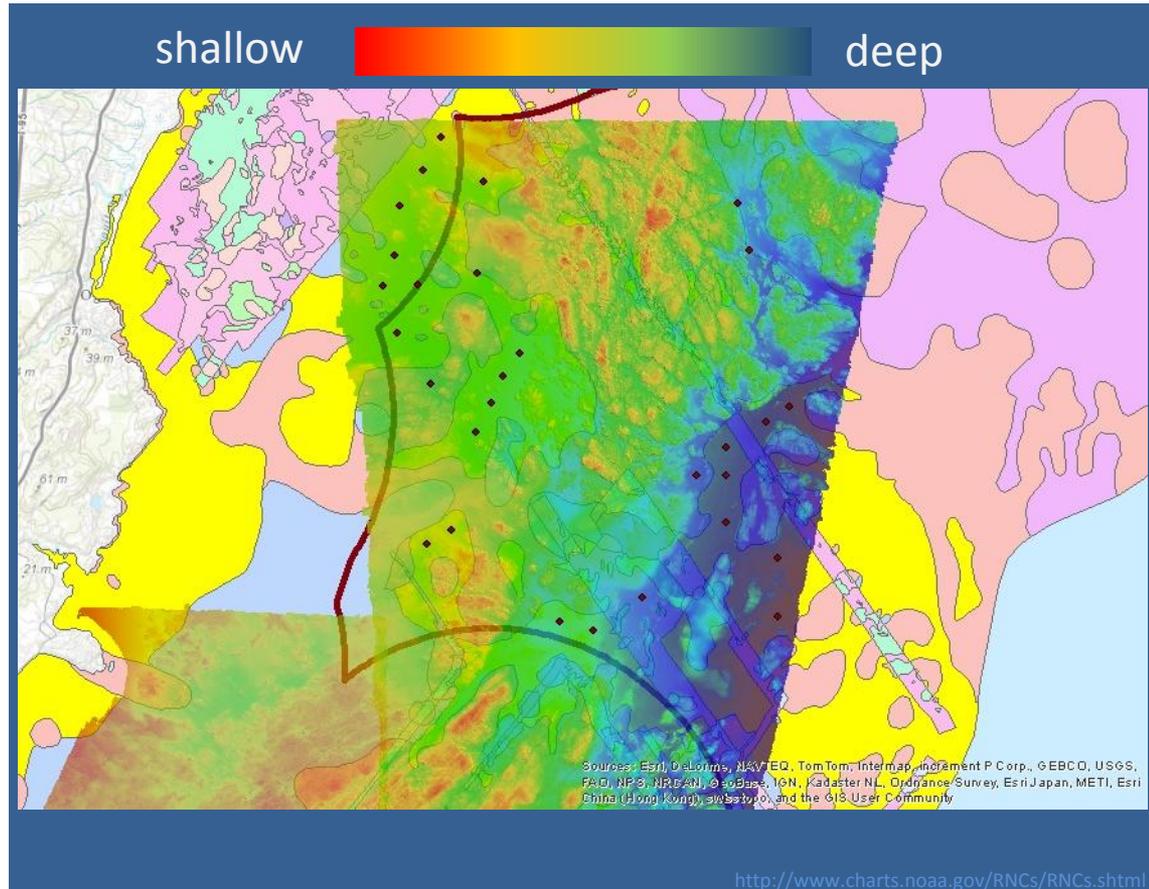
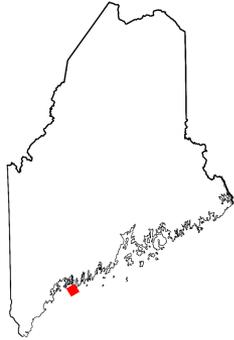
<http://www.rickly.com/as/...htm>

# HOW ARE THESE DATA COLLECTED?



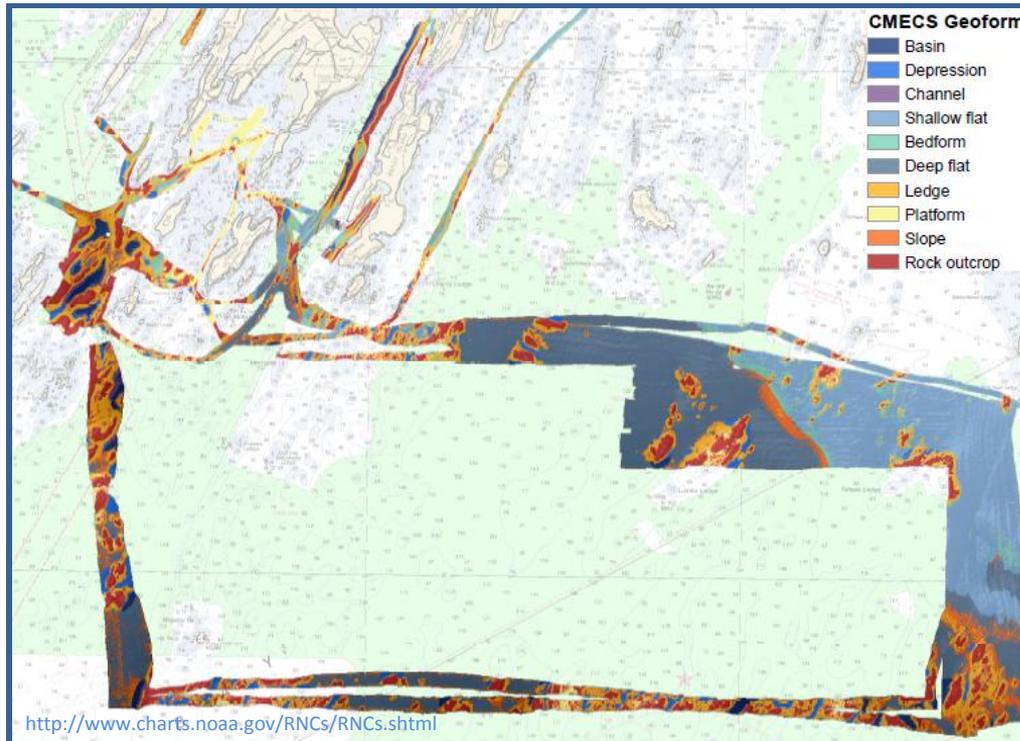
# MAINE COASTAL MAPPING INITIATIVE

## Bathymetry (2013)



# MAINE COASTAL MAPPING INITIATIVE

## Habitat type (2013)

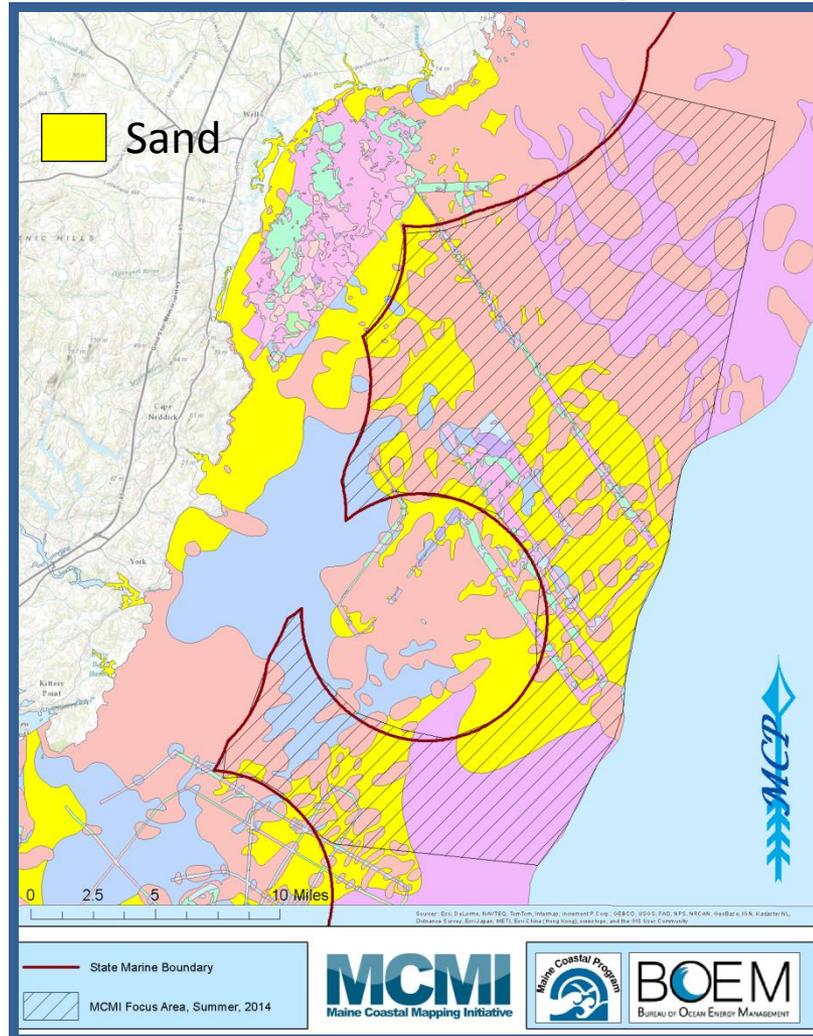
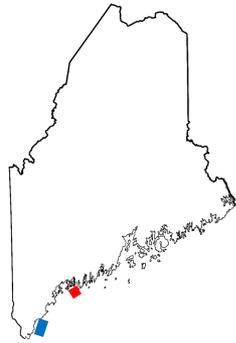


## ROV photos



# OFFSHORE SAND INVESTIGATION

## 2014 Planned survey area



Aim: To collect data offshore to identify sand deposits

# Future projects

- DOT mapping projects?
- Continue our way up the coast
- Target areas where development may take place...?
- Talk about forming a coalition... or any other future plans?