

Oil Spill Recovery Institute



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PRINCE WILLIAM SOUND
OIL SPILL RECOVERY INSTITUTE

Outline

- OSRI basics
- Five-year research plan
- Highlight couple projects
- Future

Formed in the Oil Pollution Act of 1990

OSRI's mission is to support research, education, and demonstration projects designed to respond to and understand the effects of oil spills in the Arctic and sub-Arctic marine environments.

OSRI Basics

- OSRI is managed by the PWS Science Center
- Funded by interest on \$35M
- Programs directed by diverse Board
- Scientific and Technical Committee
- Five-year research plan based on four goals
 - Understand
 - Respond
 - Inform
 - Partner



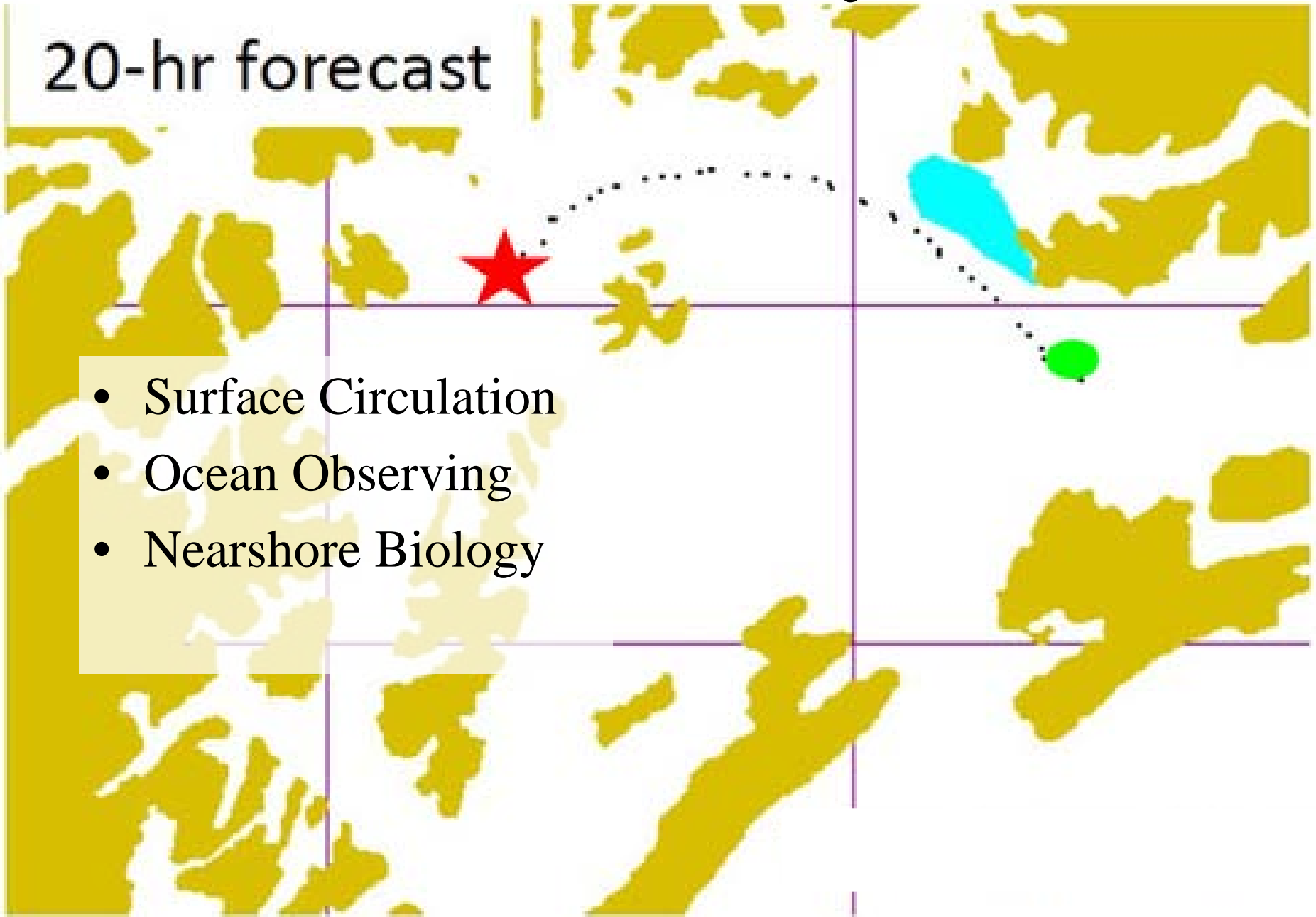
Five-year Research Plan

- Ambitious plan
- Builds on previous work
- Coordinates with other efforts
- Limited by funding

Understand Projects

20-hr forecast

- Surface Circulation
- Ocean Observing
- Nearshore Biology



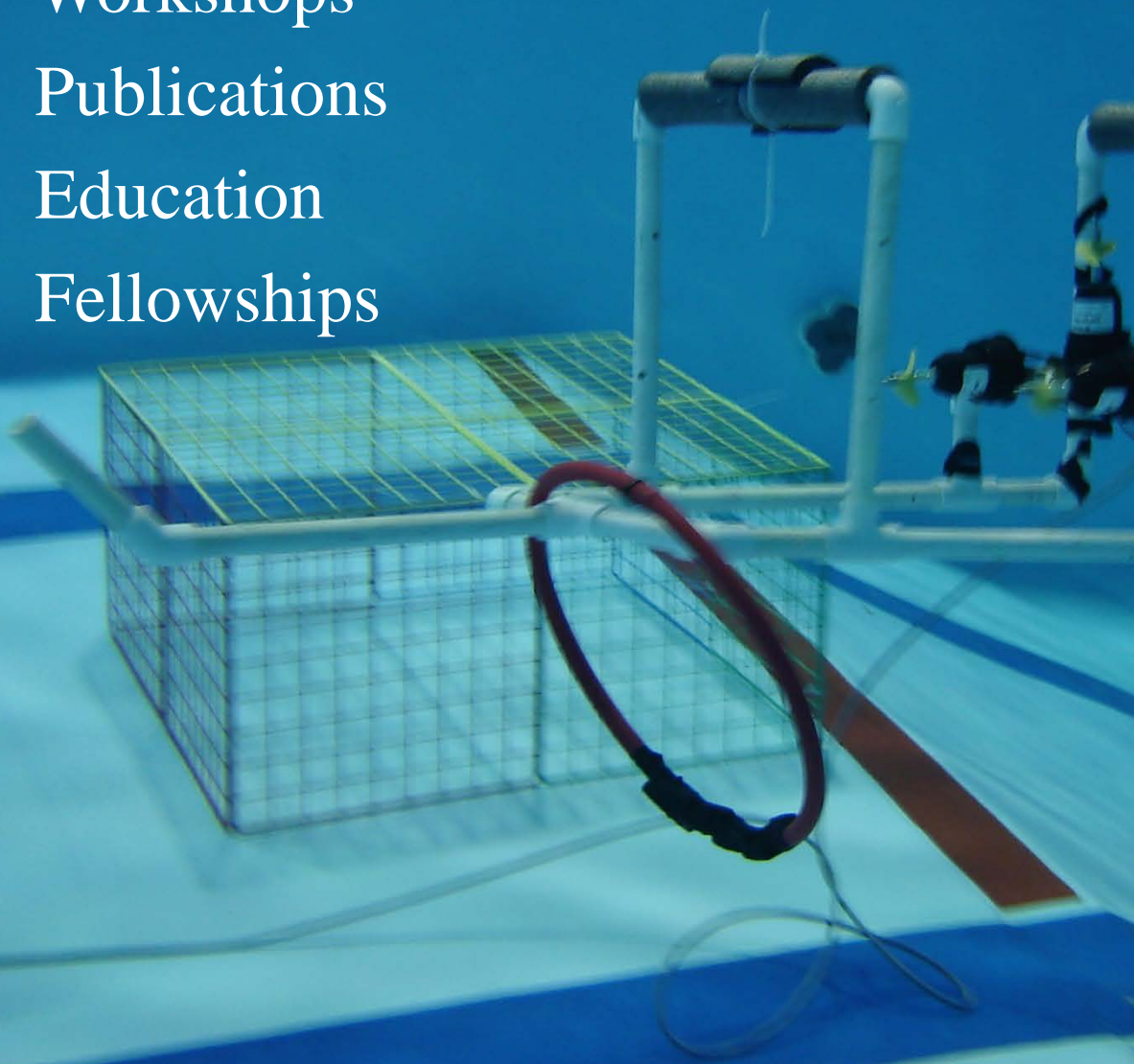
Understand Projects

- Nearshore Biology
 - Synthesis
 - Interannual variability
 - Species surveys
 - Sub-tidal habitat mapping
 - Predictive capabilities
 - Hydrocarbon impacts
 - Fate of carcasses



Inform Projects

- Workshops
- Publications
- Education
- Fellowships



March 2004

ADVANCING OIL SPILL RESPONSE



IN ICE-COVERED WATERS

prepared for



Pecos Wildlife and Spill Recovery Institute
Corvallis, Alaska



and
United States Arctic Research Commission
Adirondack, Virginia and Anchorage, Alaska

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March 2004

ADVANCING OIL SPILL RESPONSE



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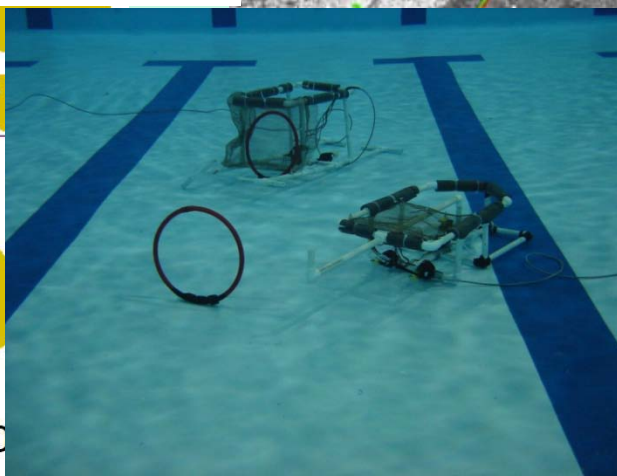
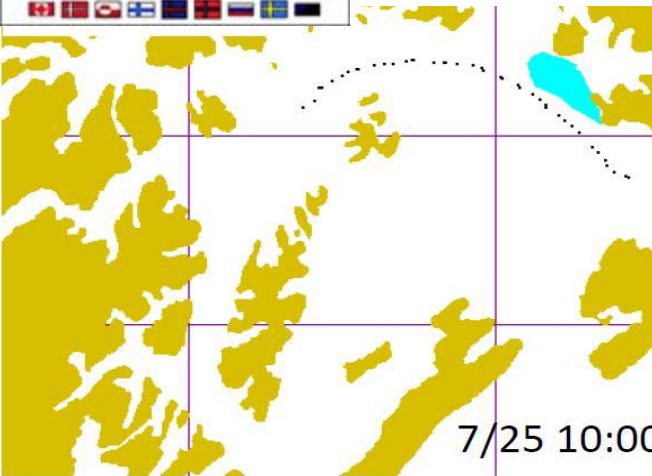
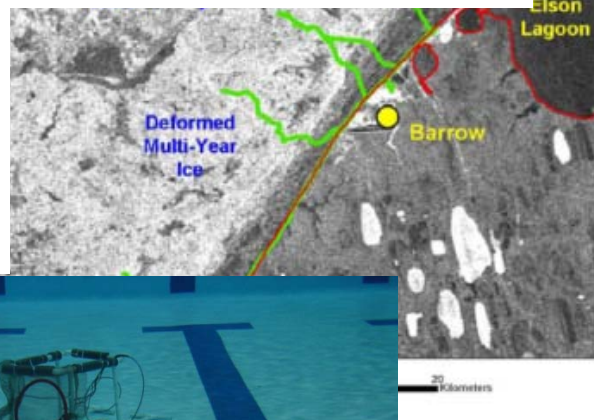
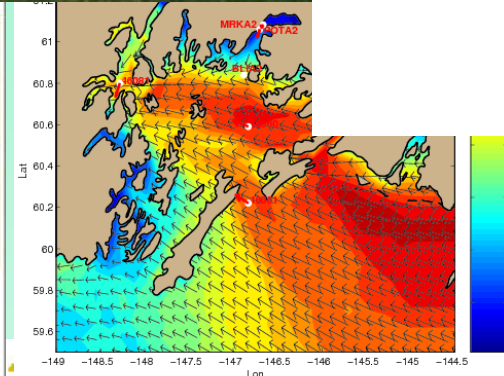
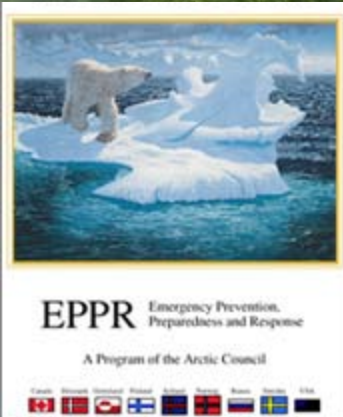
Pribilof Sound Oil Spill Recovery Institute
Coronado, Alaska



and
United States Arctic Research Commission
Arlington, Virginia and Anchorage, Alaska

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Partner



Respond Projects

- Spill response information tools
- Best practices
- Oil spill detection and tracking
- Spill response in ice

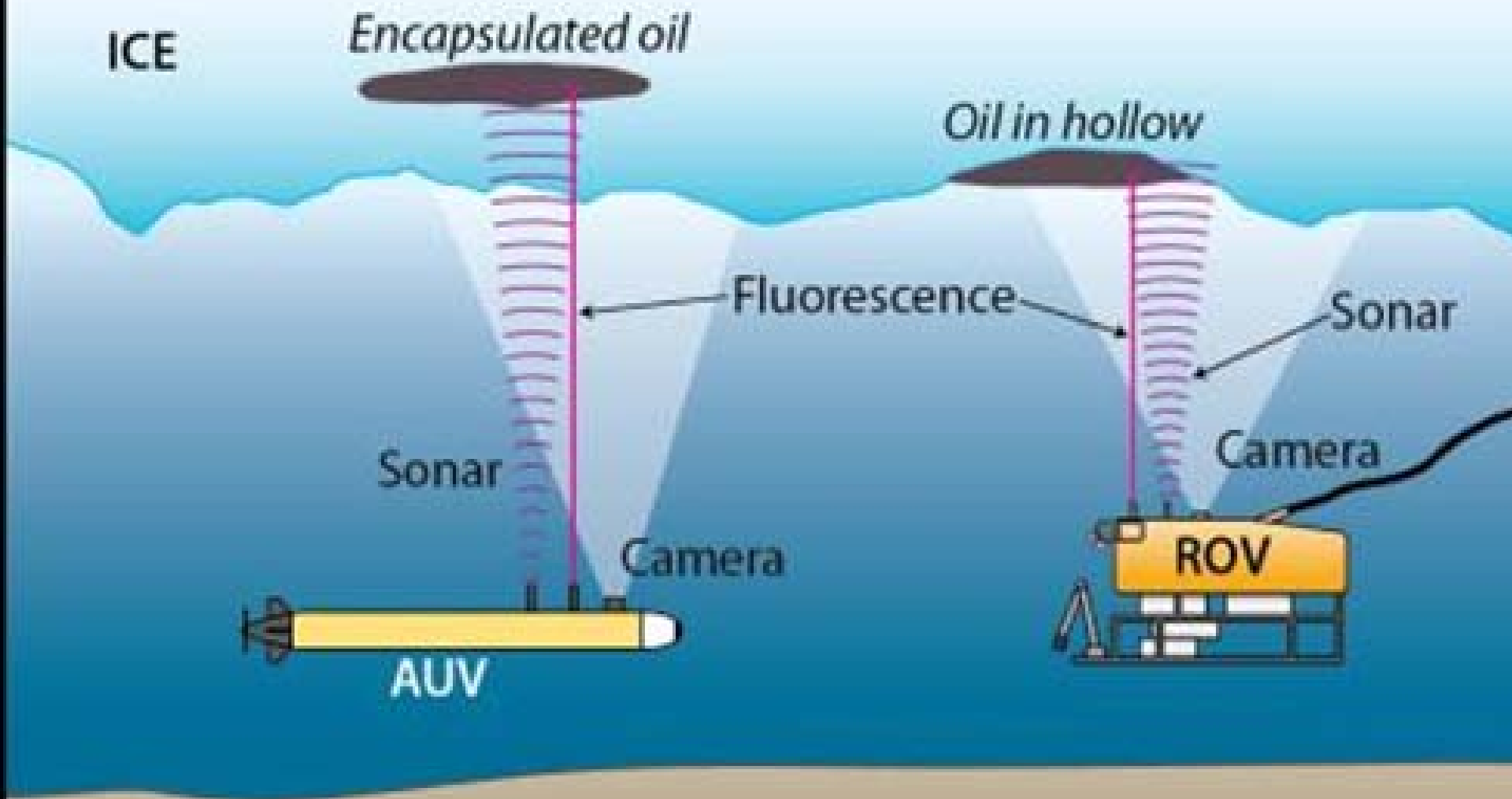
Balloon Based Oil Spill Surveillance System



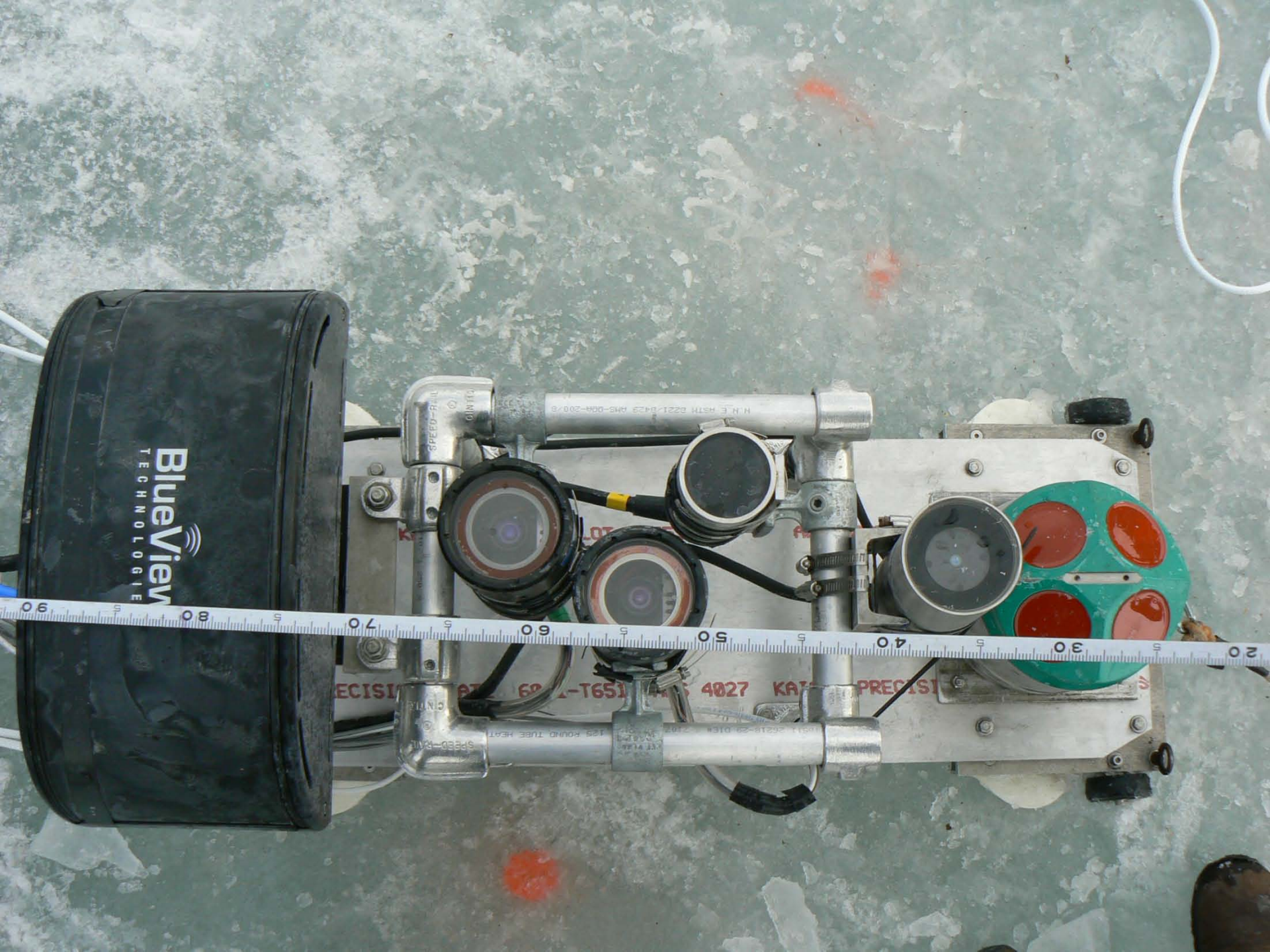
Oil Spill Recovery Institute
Prince William Sound Science Center
Cook Inlet Spill Prevention and Response Inc.
Alaska Clean Seas
Prince William Sound Regional Citizens' Advisory Council
BP Exploration Alaska, Inc.
USCG



Respond Project



- Oil detection under ice

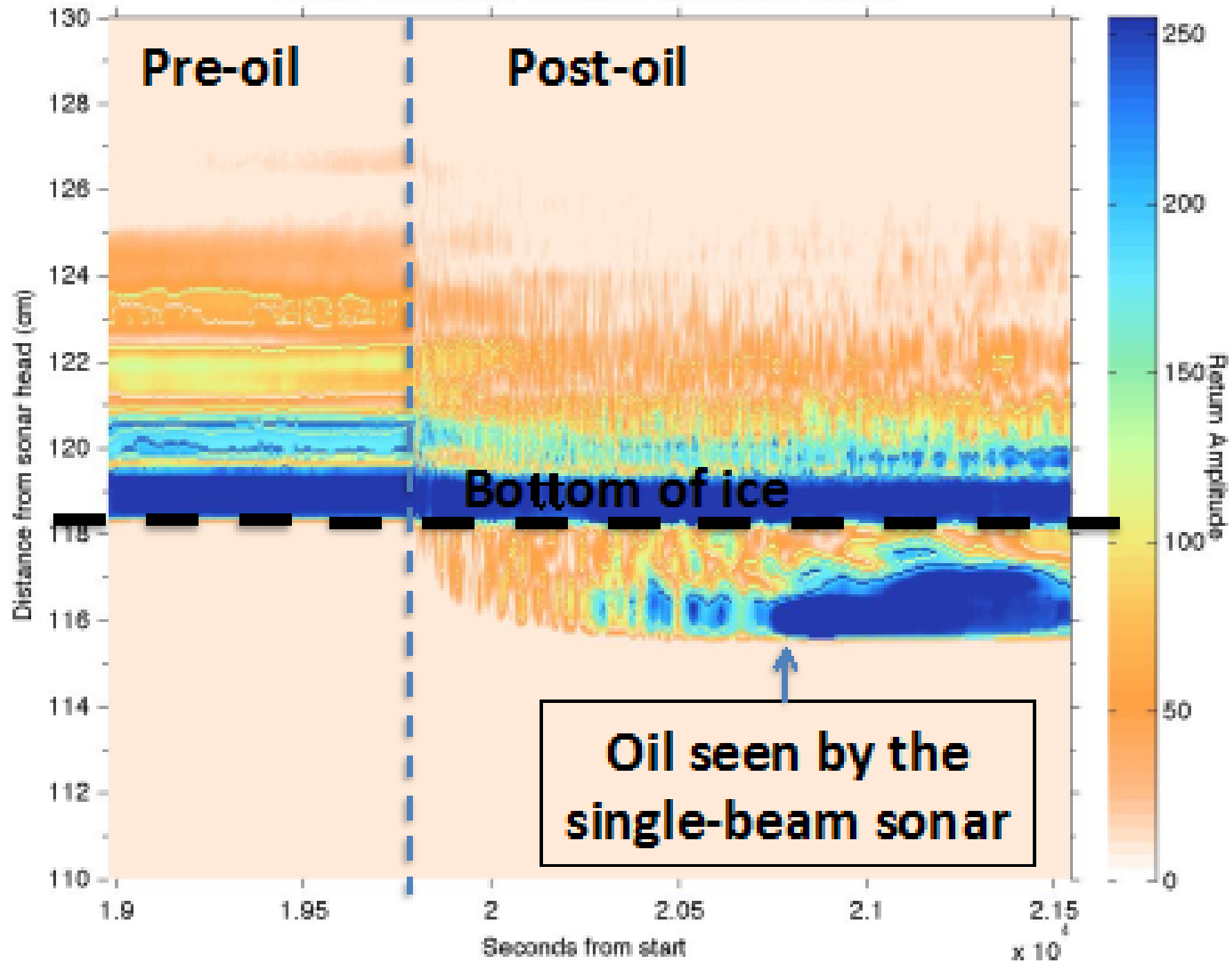


BlueView
TECHNOLOGIE

PRECISION 621-T651 4827 KAT PRECISION



Plot from 19-Jan-2012 15:12:03 to 19-Jan-2012 15:54:47



Future

- Revising five-year plan
- Biodegradation
- Removing oil under ice
- Improve access to information
- Always looking for partnerships

Thank You

