

National Marine Sanctuaries
National Oceanic and Atmospheric Administration



NATIONAL MARINE
SANCTUARIES

OLYMPIC COAST



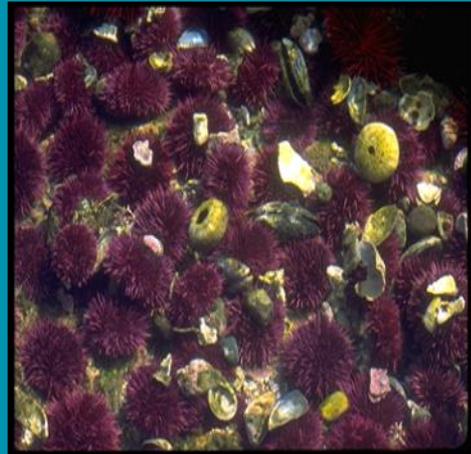
Olympic Coast National Marine Sanctuary Vessel Incidents

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March 25, 2016 AC meeting

Olympic Coast Vessel Incident Review

- Types of incidents tracked
- Database
- Categories
- Location and time period
- Sample plots
- Examples



Types of Incidents Tracked

- Ad-hoc system of hard files, starting in 1994
- Violations of sanctuary regulations
 - Low overflights
 - Vessel discharges, sinkings, groundings
- Near misses
- Maritime Heritage Resources (separate database)

Incident Database

Sanctuary Incident Database



Vessel Incident



Overflight Incident



Mammal/Wildlife Incident



Vessel Incident Categories

- All vessels that sink or ground in, or near, the sanctuary
 - Salvaged
 - Not salvaged
- All prohibited vessel discharges in OCNMS
- Discharges in the vicinity of the sanctuary, particularly if they enter the sanctuary
- Near-misses for large commercial vessels
(Considering adding some smaller vessel data)
- Significant submerged marine debris

Location Criteria

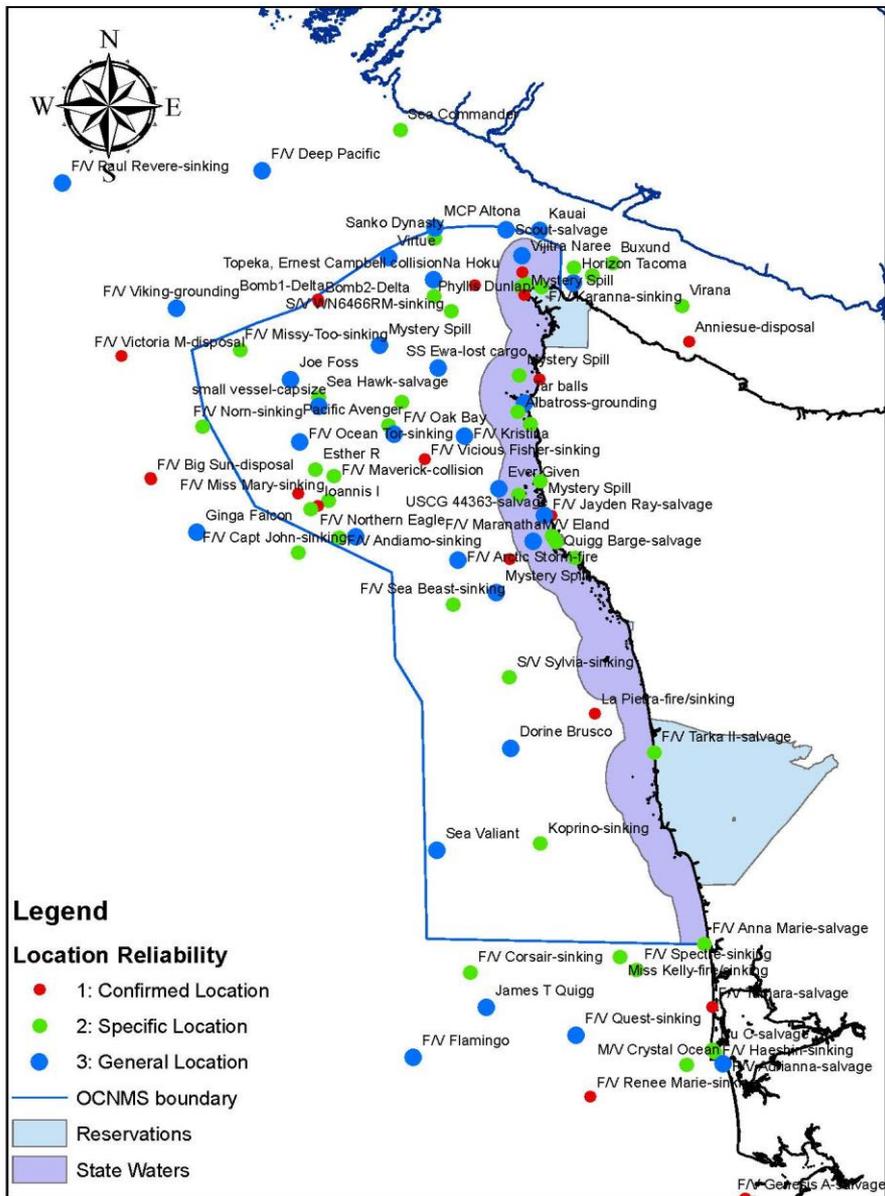
- Inside or adjacent to the sanctuary (considering a 10 nautical mile buffer)
- Exclude small spills in marinas or from outside OCNMS (unless the spill enters the sanctuary)
- For large vessel near-misses, may include incidents beyond the 10 nautical mile buffer (for instance, if the COTP orders a tug escort)

Time Period

- OCNMS also has a database for Maritime Heritage Resources (includes wrecks that may have historic significance, over 50 years)
- The Incident database includes vessels or incidents that have occurred since sanctuary designation in July 1994
- Could consider incidents that fall in this gap but data is limited (1960's through 1994)

OCNMS Incident Database, February 2016

100 records, 82 within 10 nm of OCNMS

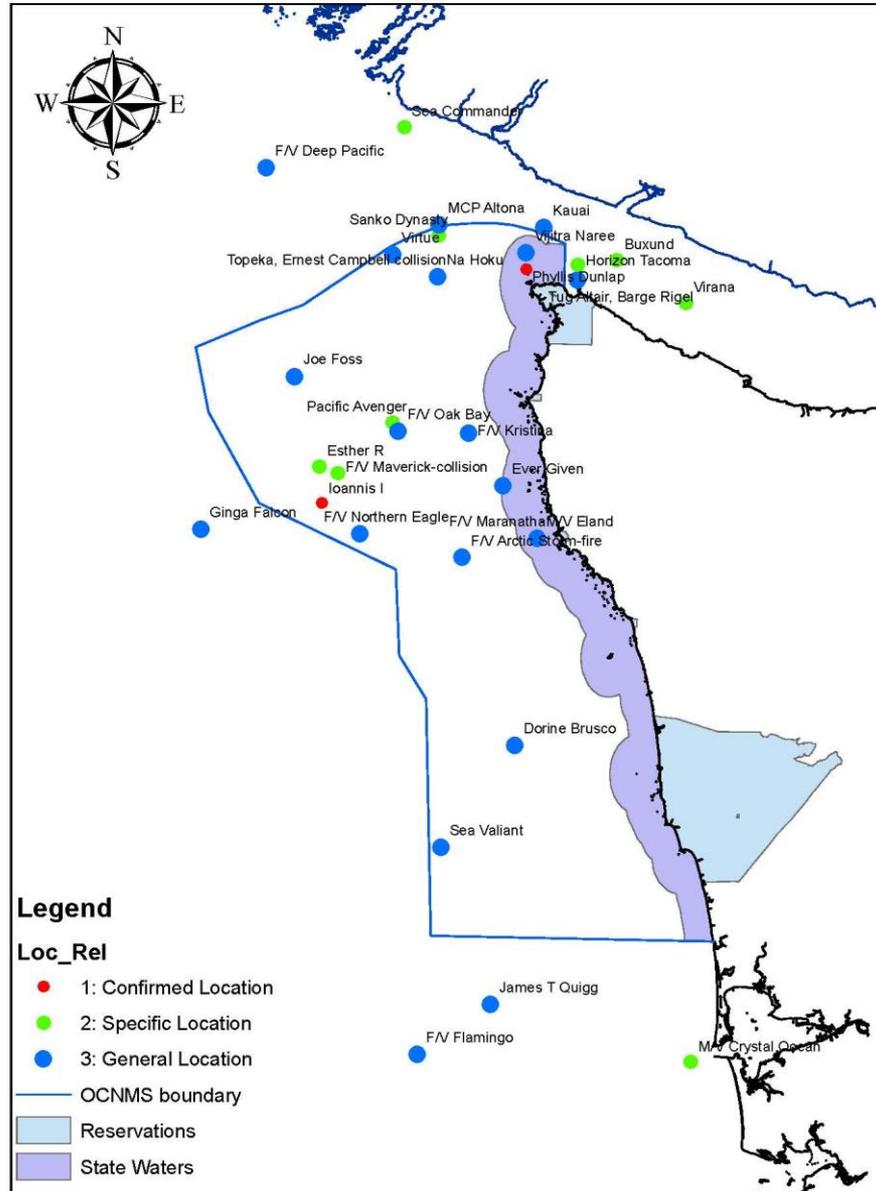


Sample Plots

1. Near miss incidents
2. Sanctuary violations that did not lead to a vessel sinking or grounding
3. Vessel sinkings/grounding where the vessel was salvaged
4. Vessel sinkings/grounding where the vessel remnants are believed to be in situ

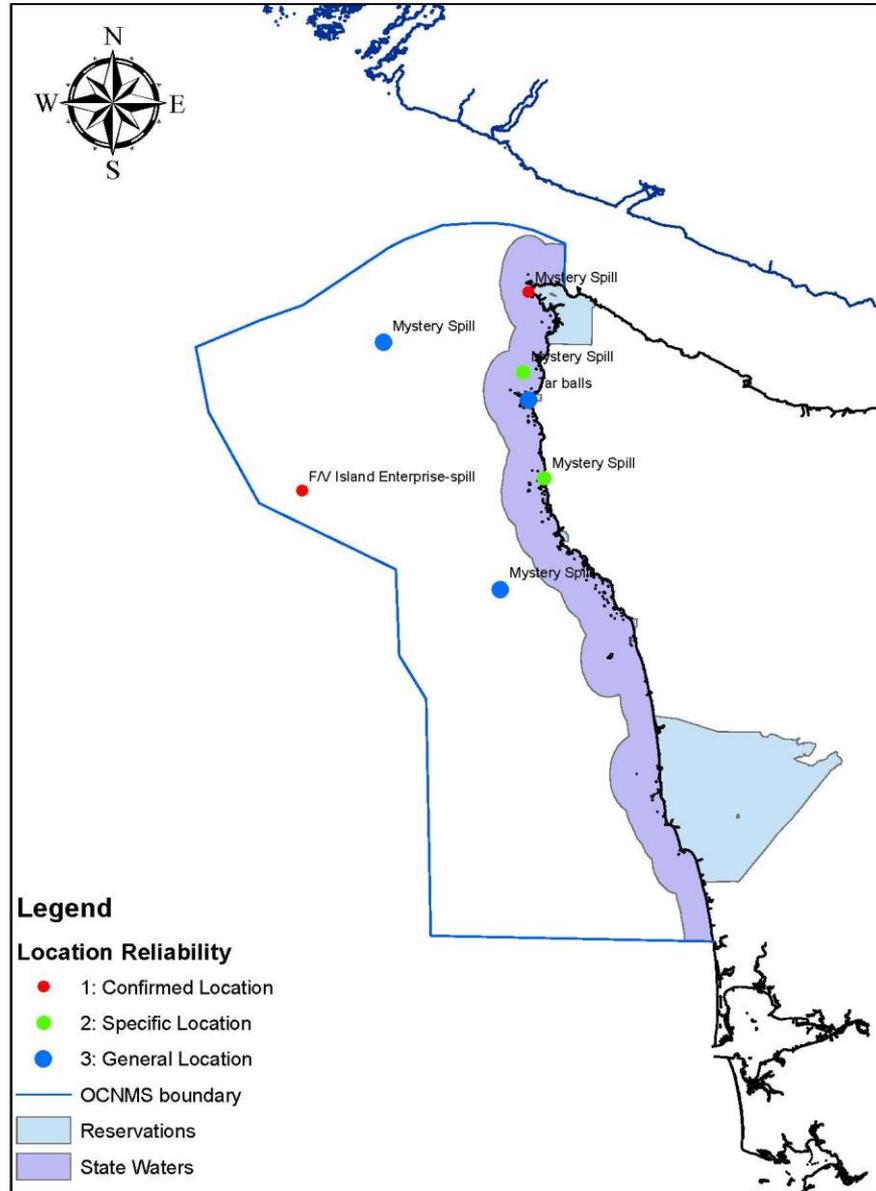
OCNMS Near Misses, February 2016

35 records, 28 within 10 nm of OCNMS



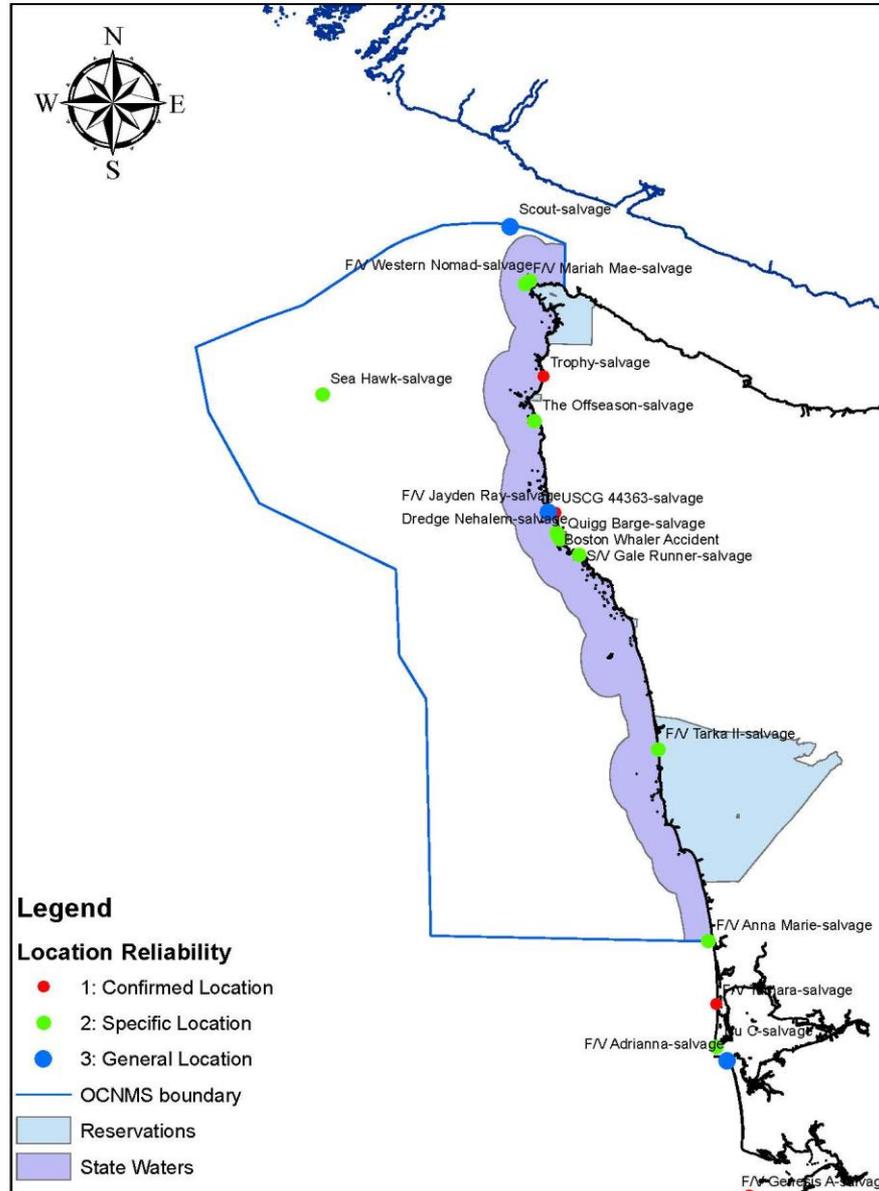
OCNMS Spills, February 2016

7 records, 7 within 10 nm of OCNMS



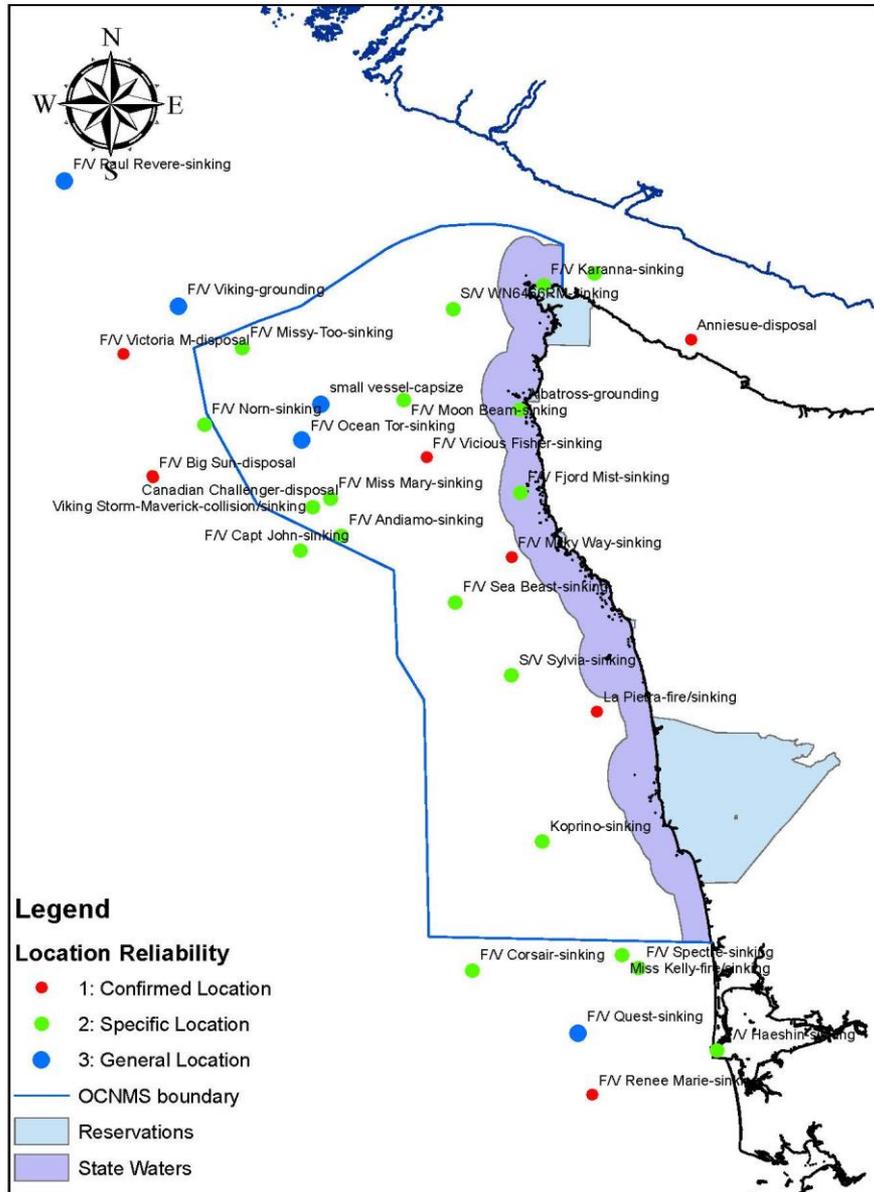
OCNMS Salvaged Vessels, February 2016

19 records, 15 within 10 nm of OCNMS



OCNMS Lost Vessels, February 2016

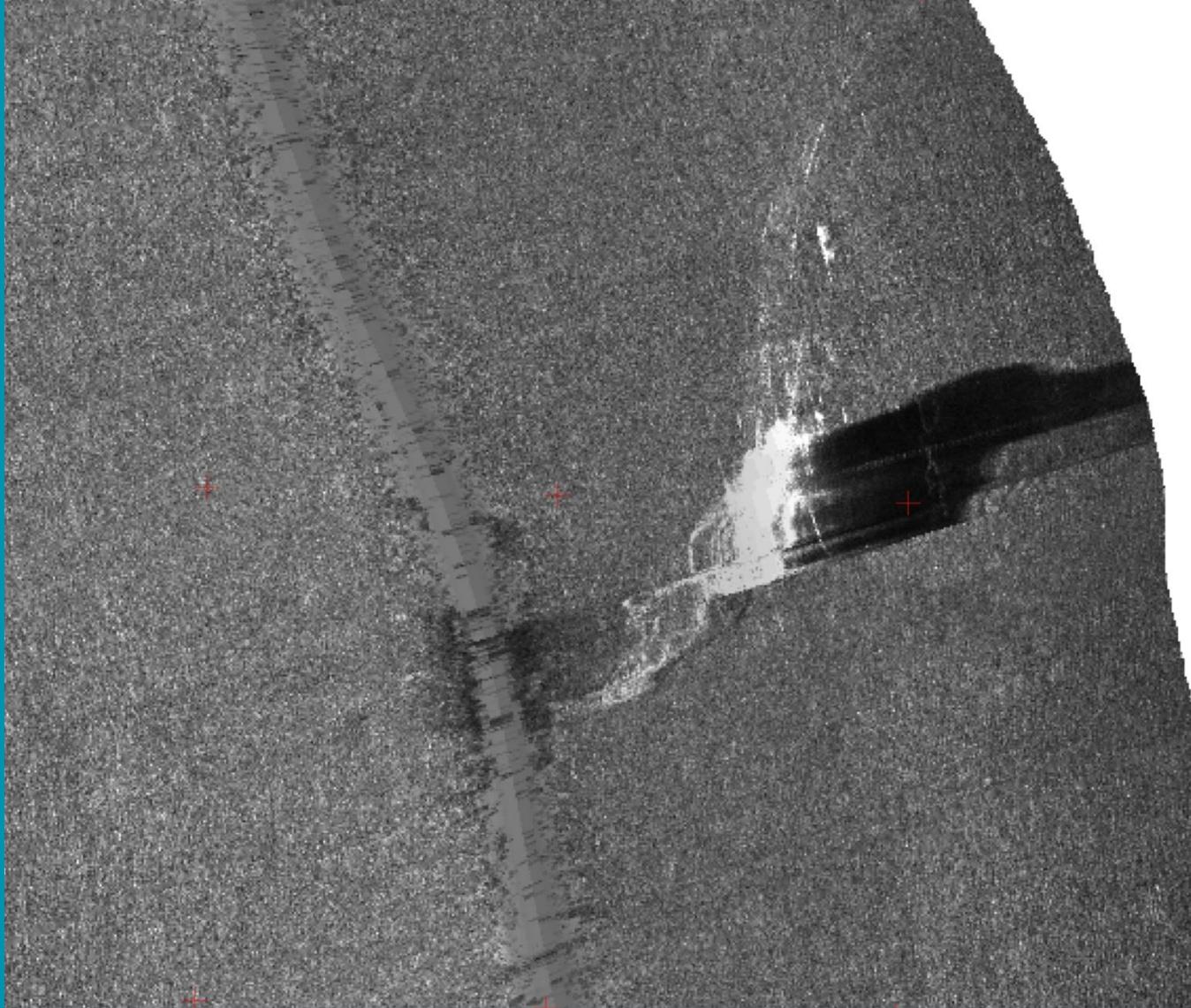
33 records, 27 within 10 nm of OCNMS



2001 F/V Mariah Mae



2005 F/V Milky Way



2005 F/V Nu C



2005 F/V Ocean Tor



2005 Tug Millicoma



2005 Off-Season



2008 F/V Anna Marie



2008.01.23

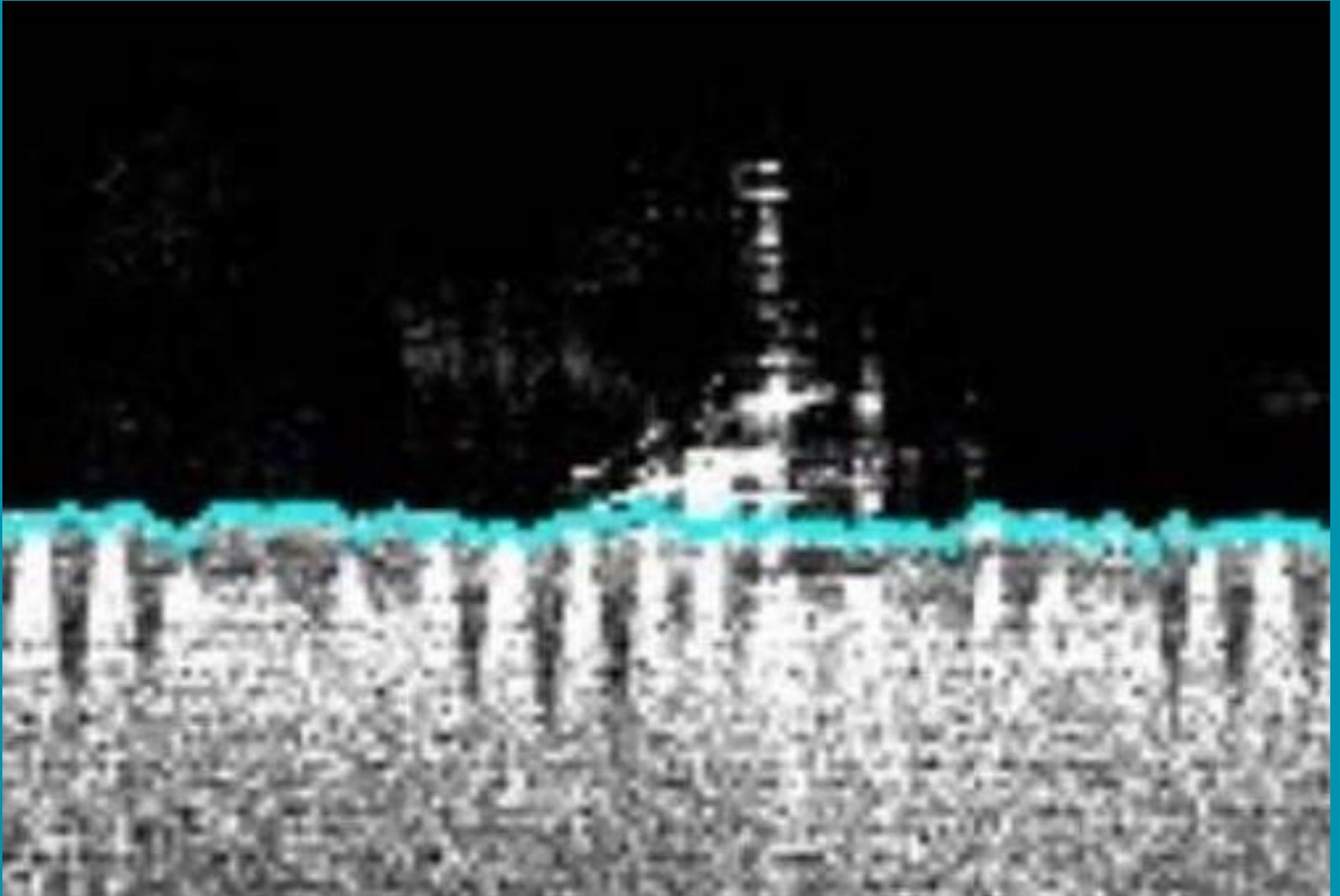
2010 M/V Scout



2010 Dredge Nehalem



2011 F/V Vicious Fisher



2012 F/V Kananna



2012 F/V Maverick & F/V Viking Storm



2013 F/V Fjord Mist



2014 M/V La Pietra



2015 F/V Tamara

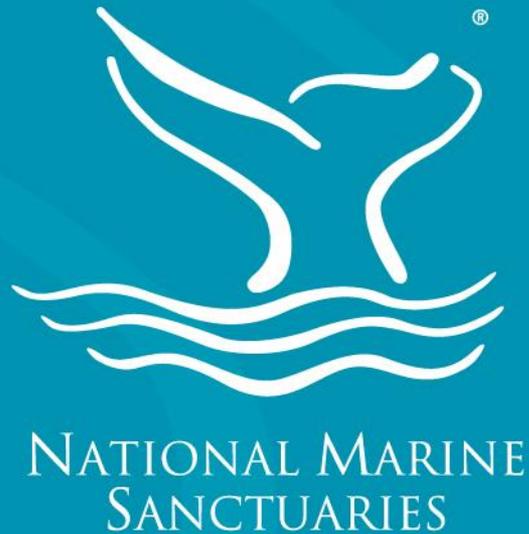


Next Steps

- Review USCG, ECY, and OLE records
- Analyze causes and response
- Locate wrecks (when possible)
- Submit chart notes
- Consider policy options



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