

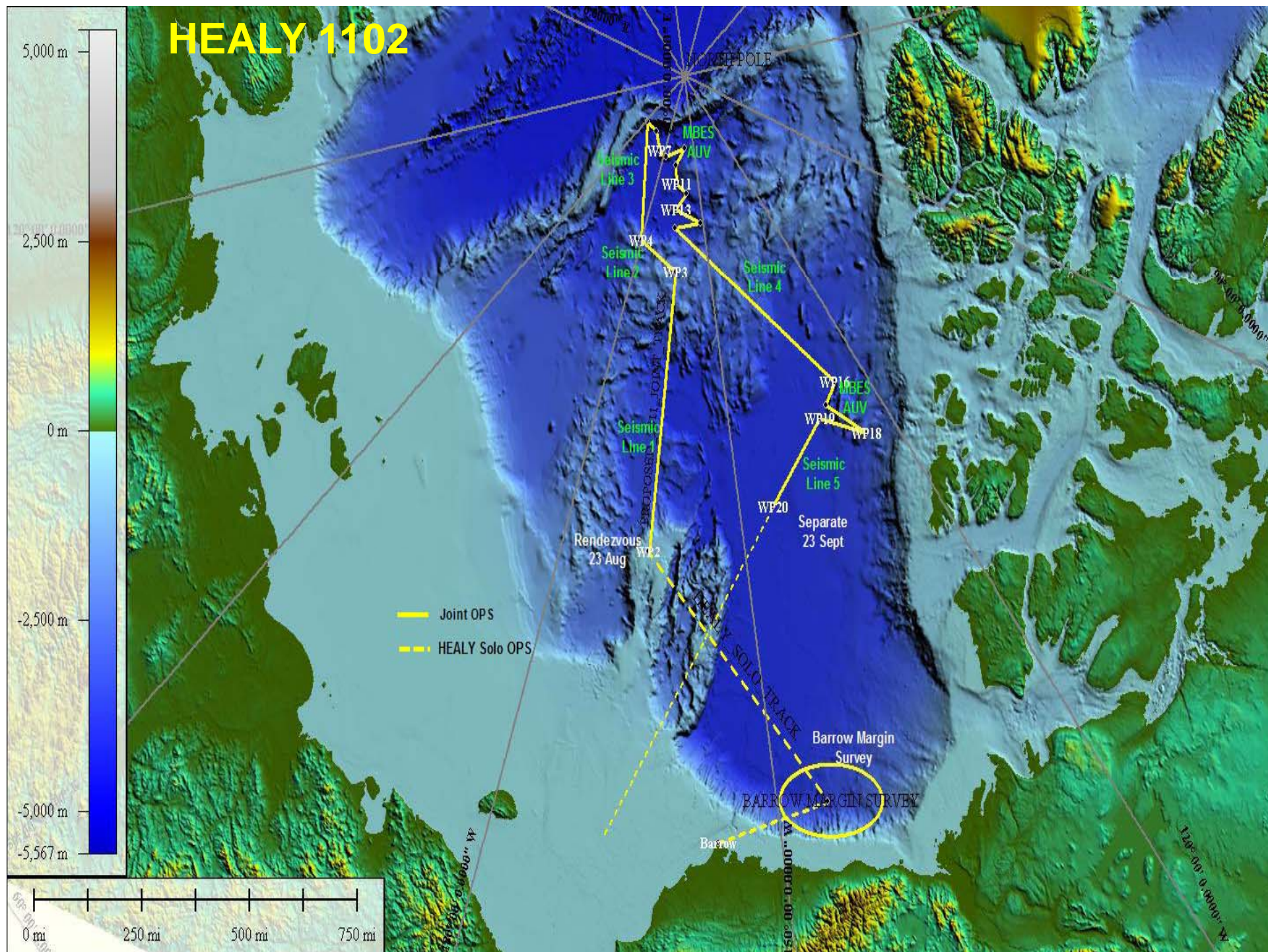
HEALY 1102

USCGC Healy

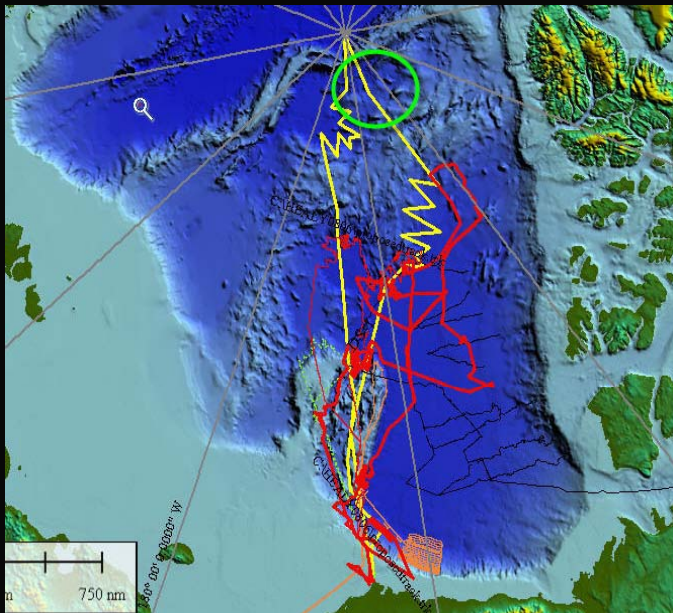
CCGS Louis S. St-Laurent

U.S.
Extended Continental Shelf
Project

HEALY 1102



AUV OPS Healy / Louis S. St. Laurent 2011



ISE EXPLORER

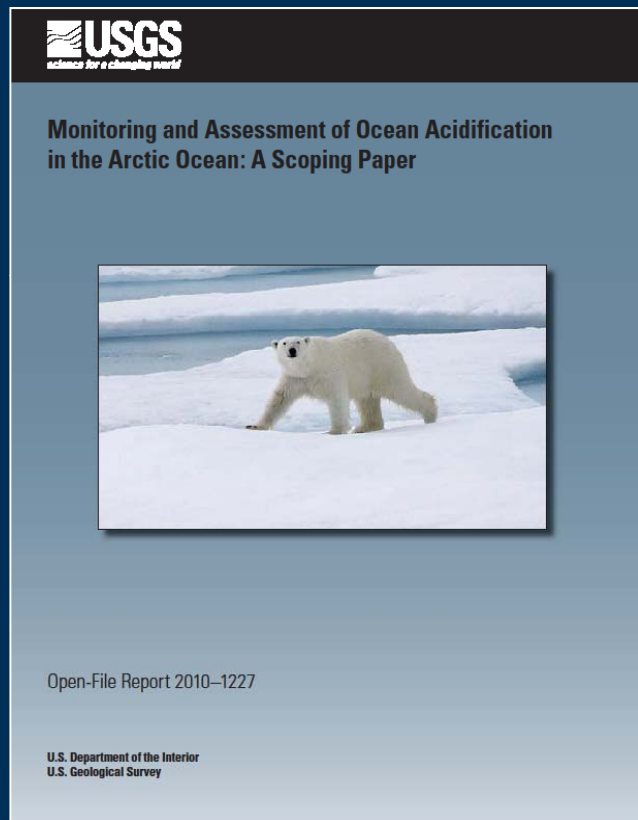


ANCILLARY PROGRAMS

- USN METOC OBSERVATIONS
- NIC ICE BUOYS
- BIRD AND MAMMAL OBSERVATIONS (FWS)



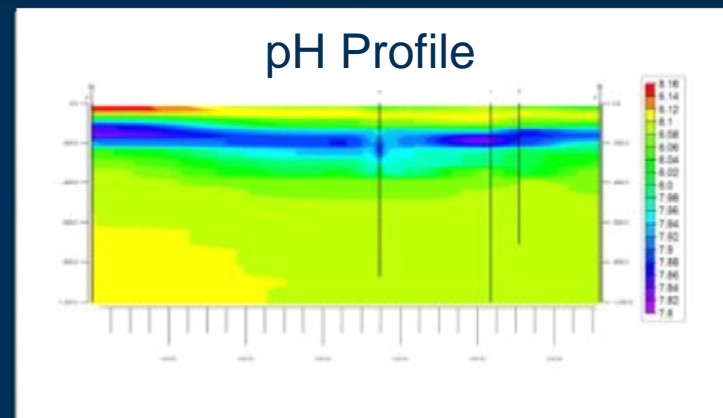
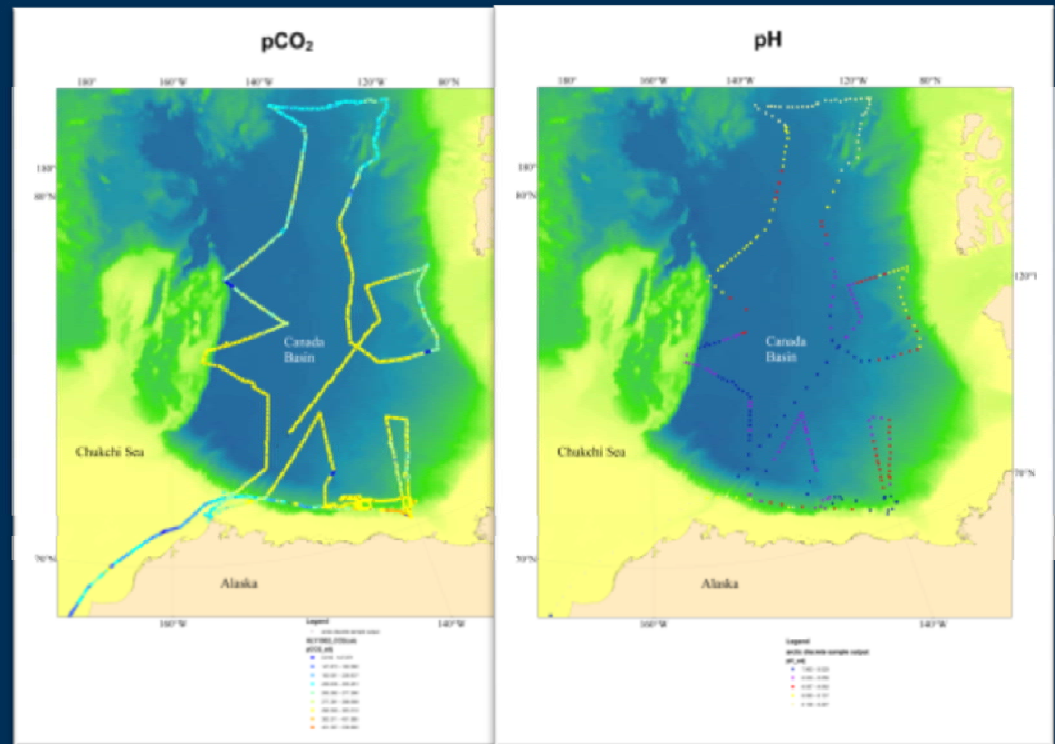
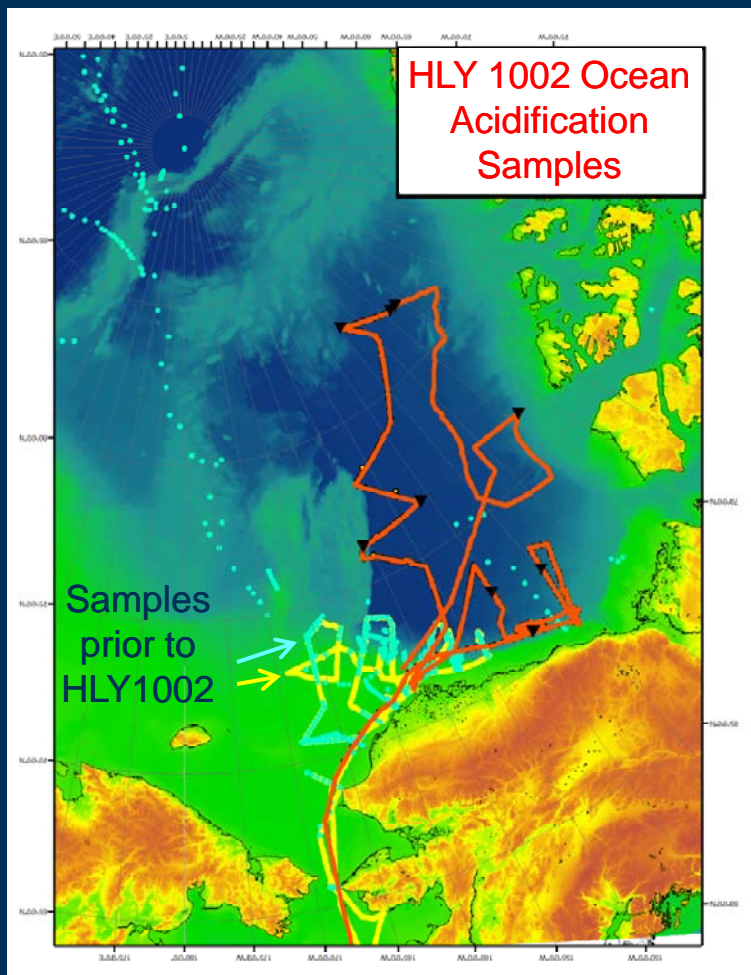
Arctic Ocean Acidification



- A Dept of Interior priority
- Arctic Ocean is a vulnerable threatened ecosystem
- Leveraged existing USCGC Healy cruise (ECS)
- Non-interference with ECS

Scoping Paper, February, 2010





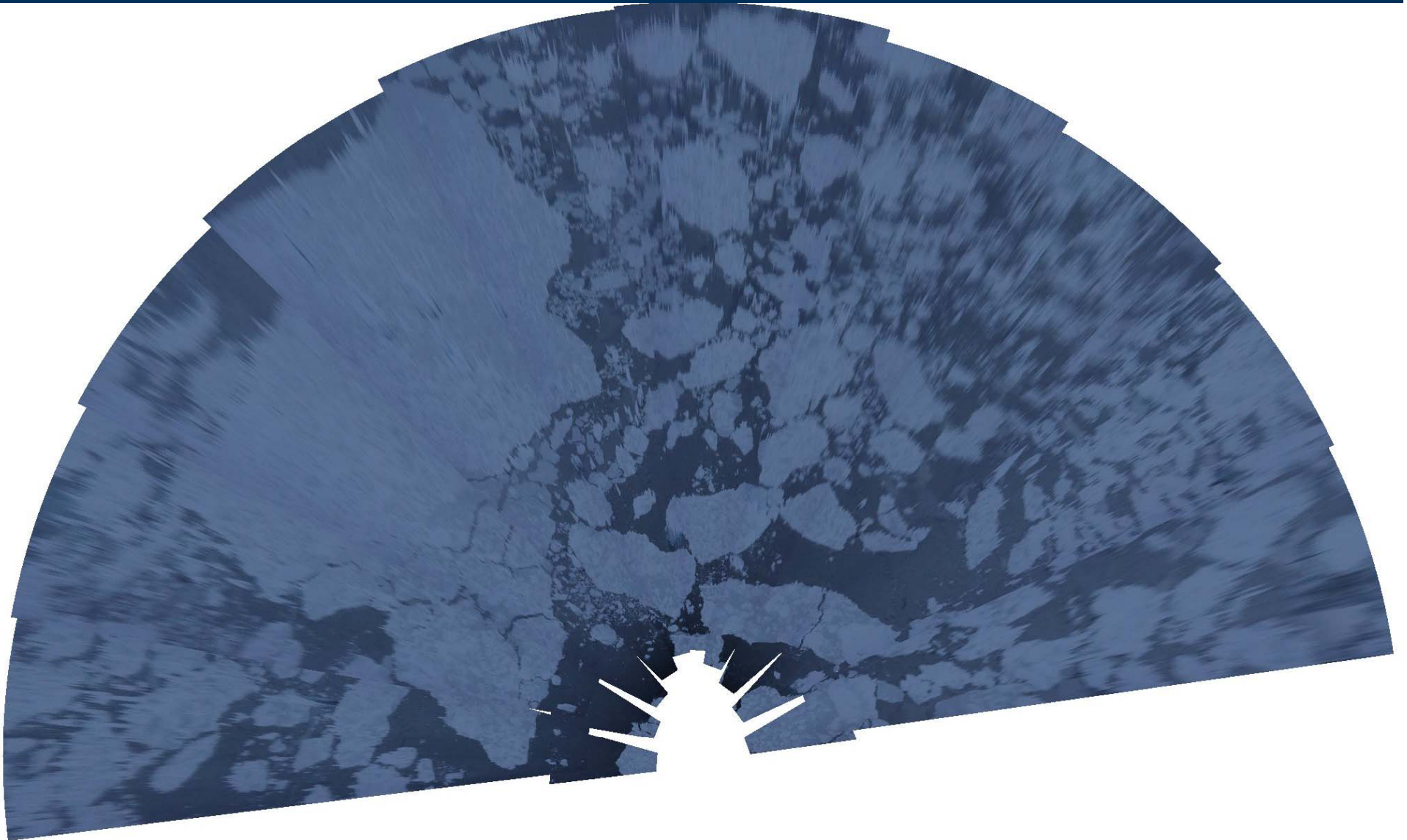
Significantly add to baseline observations
in the Arctic Ocean

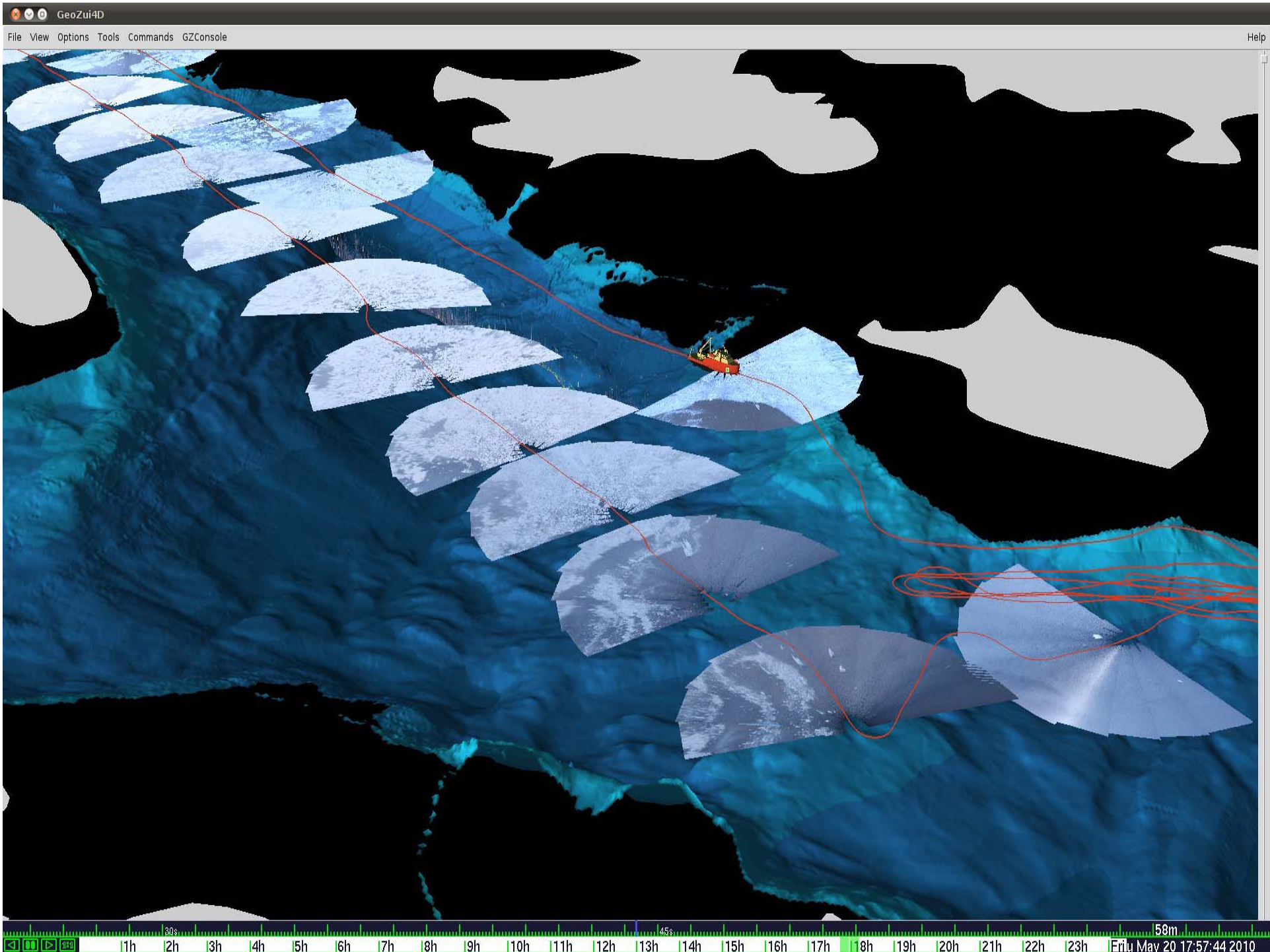


GeoCamera



GeoCamera Scan







Protected Species Observations



Healy :

Three Protected Species Observers
One community observer

Louis:

Three community mammal observers

In US EEZ

Two US observers transferred to Louis

December 7 - 90-day Report submitted to NMFS

Inside US EEZ – Ringed Seals (n=8), Polar Bear (n = 1), no power downs or shut downs

Outside US EEZ – Ringed Seals (n=29), Polar Bear (n=7), Bearded Seals (n=6)
Unidentified Seals (n=16), Gray whale (n=1)

