

Oceanography and Acoustics Research in Resolute Bay, Nunavut

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2014 OTN Symposium

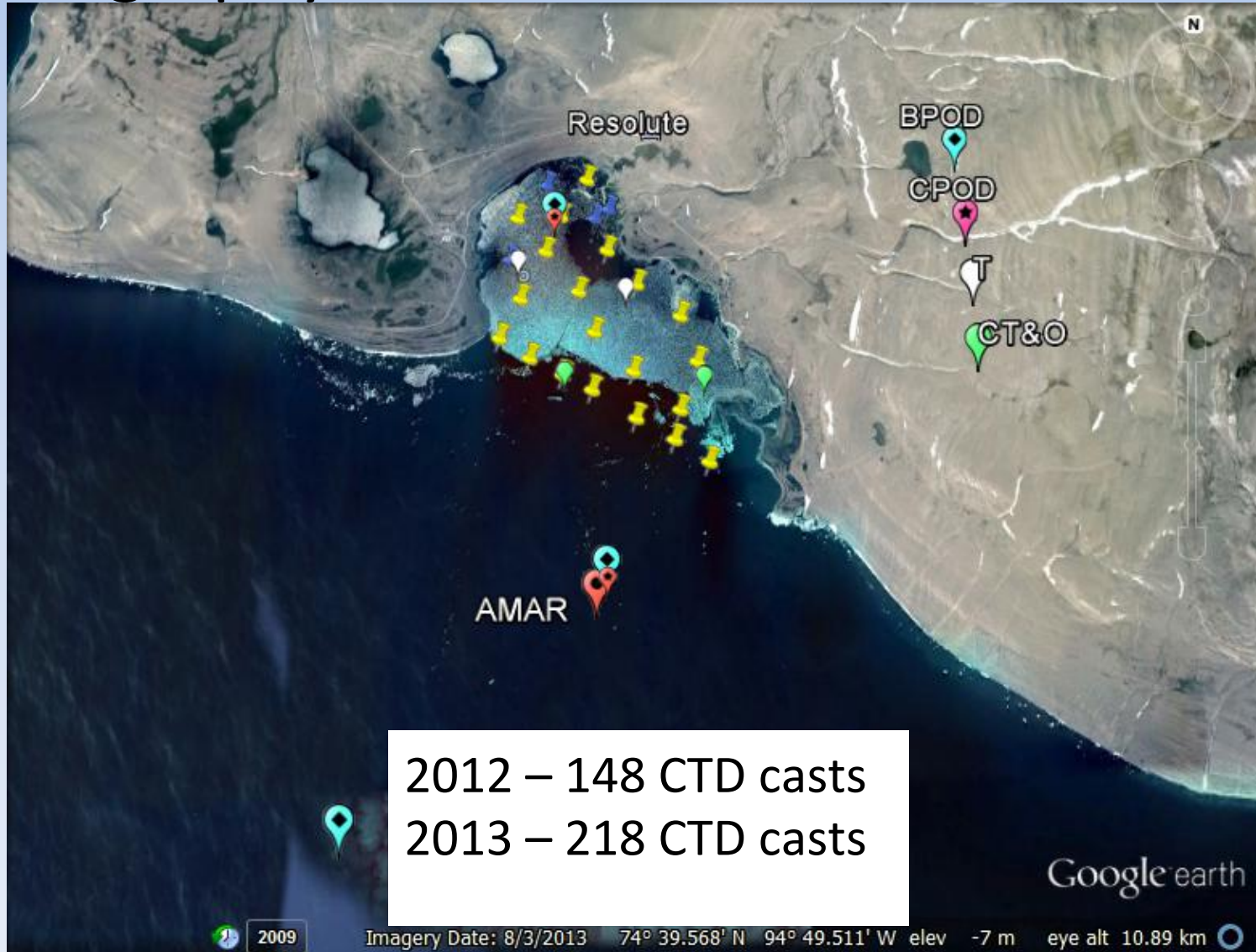


University
of Victoria



Resolute Bay, Nunavut

Oceanography and Acoustics Instrumentation



Future Work

- Retrieve and re-deploy:
 - 3 Benthic pods
 - 2 CPODs
 - thermistor array
 - DO, T, and CTD sensors
 - acoustic recorder (AMAR)
- Collect more CTD casts
- Analyze acoustic data for ambient noise and marine mammal calls – walrus, bearded seals, ringed seals, belugas, narwhals, and bowhead whales
- See if we can track beluga and narwhal movement (within water column)
- Compare oceanographic conditions from 2012 to 2014.



Collaborations



Present:

- JASCO Applied Sciences - AMAR and automatic detector
- DFO/IOS - temperature loggers and CTD
- Steve Kessel and Richard Crawford - fish tracking data



Future:

- Would like to collaborate with OTN researchers that are using benthic pods