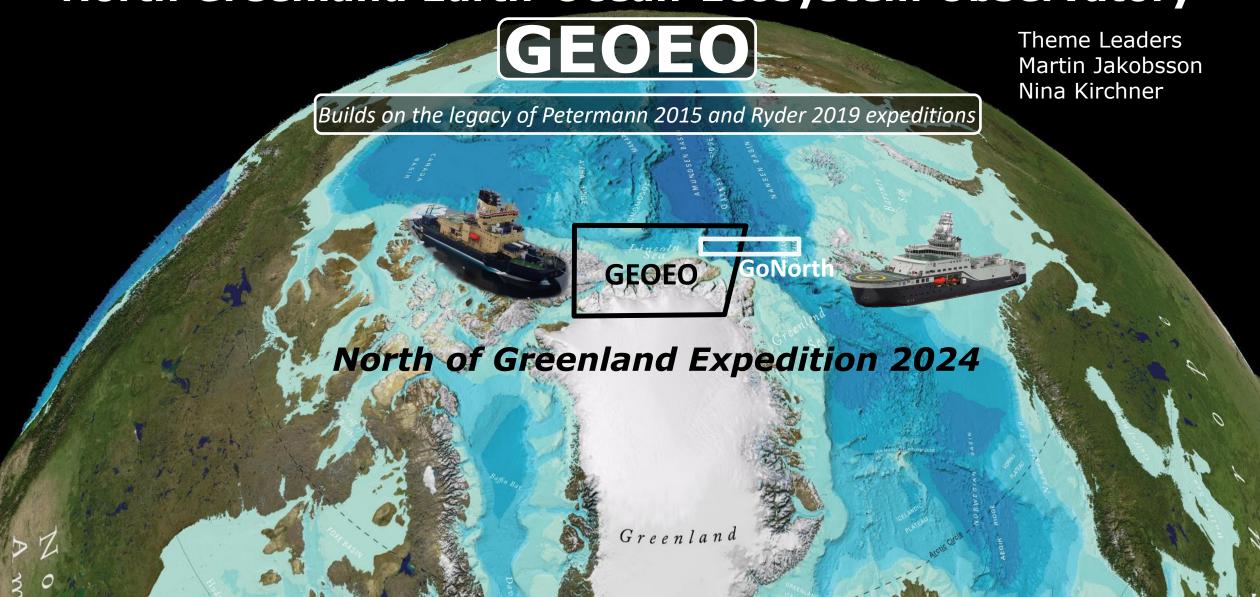


Research Theme resulting from the Polar Research Process:

North Greenland Earth-Ocean-Ecosystem Observatory



Ryder 2019 Expedition



Explorers Club Flag
Expedition #51



RYDER 2019 EXPEDITION





Petermann 2015 Expedition







University of New Hampshire







UNIVERSITY OF COPENHAGEN



University of Gothenburg



















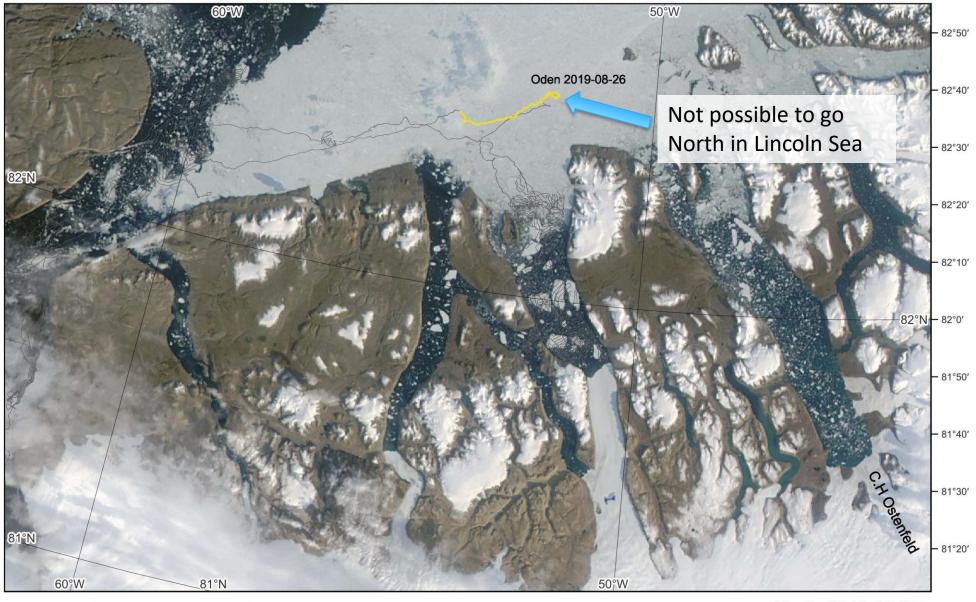


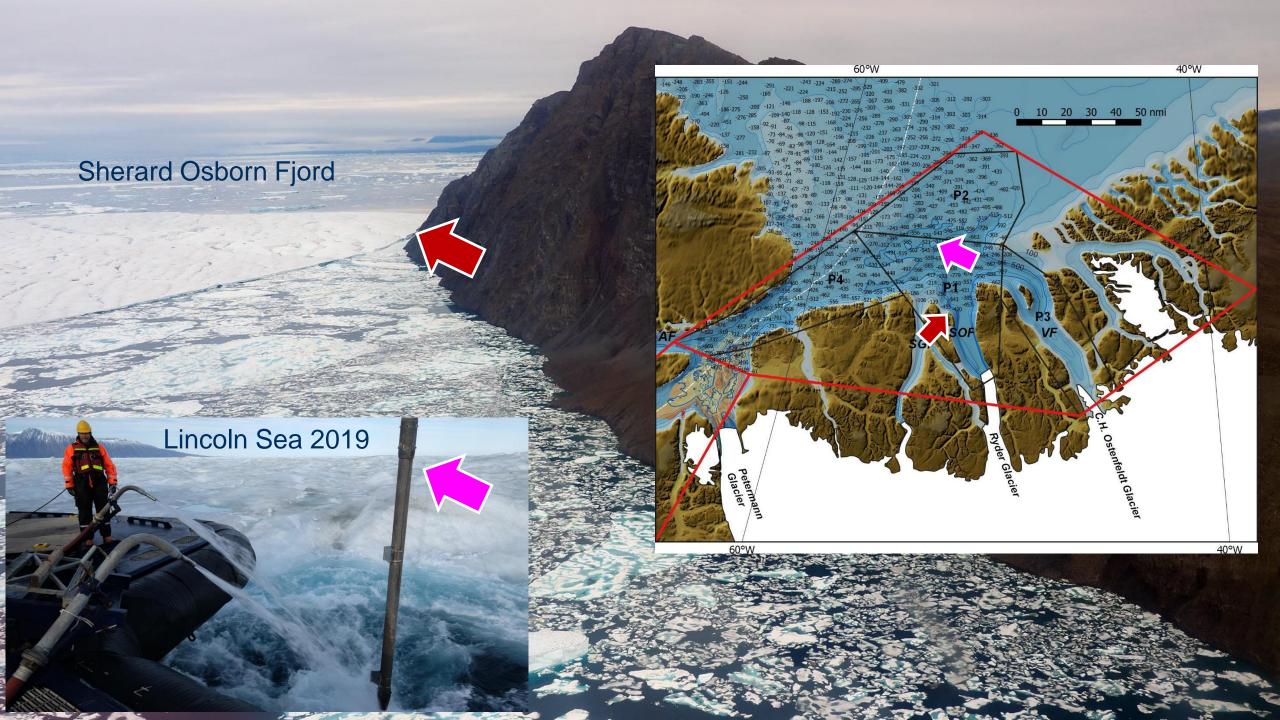


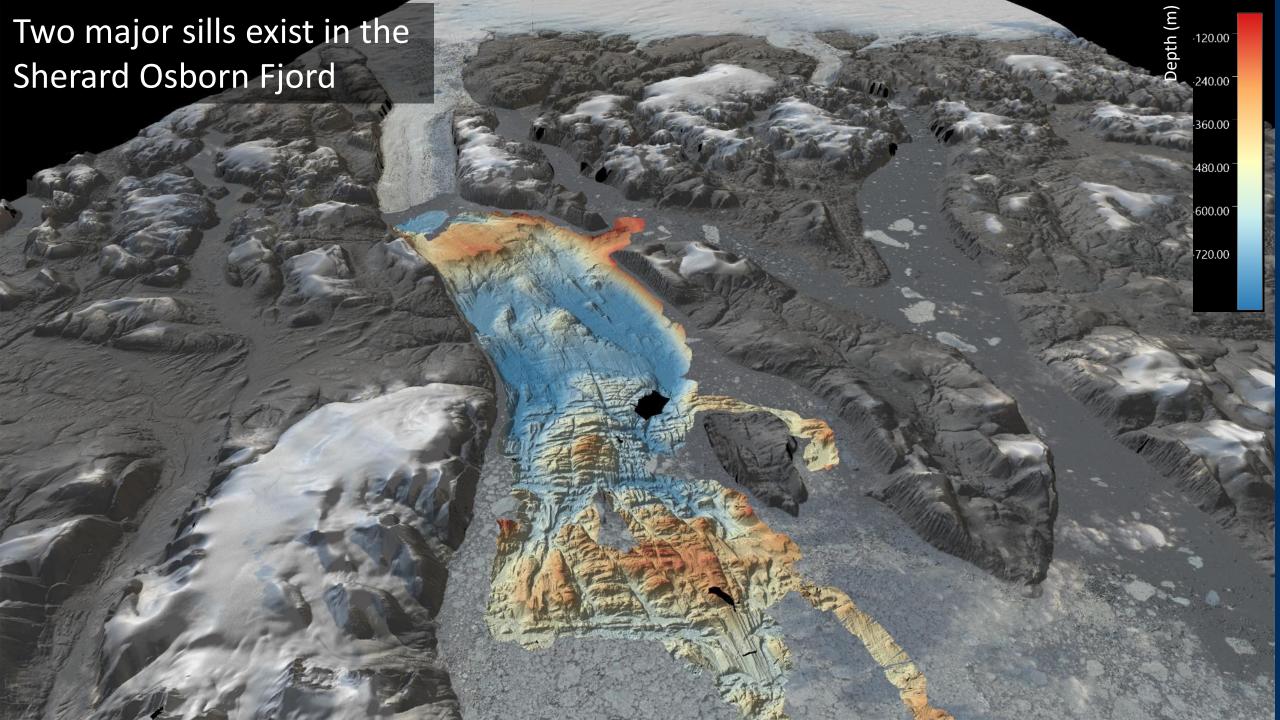




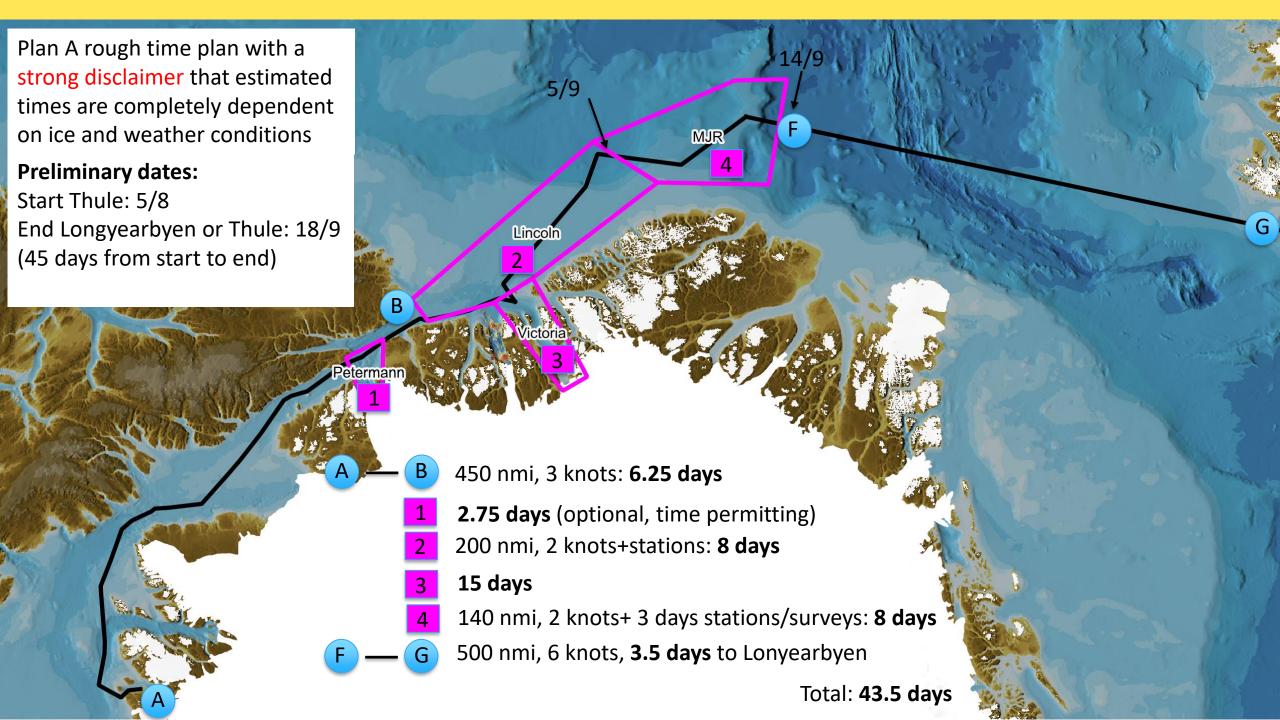
Ryder 2019: The three main logistical challenges

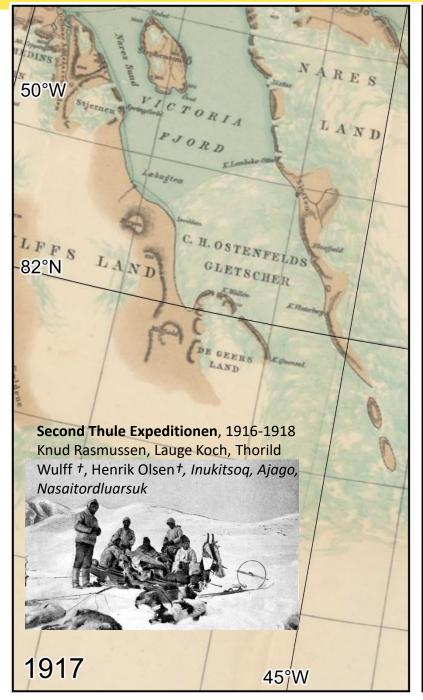








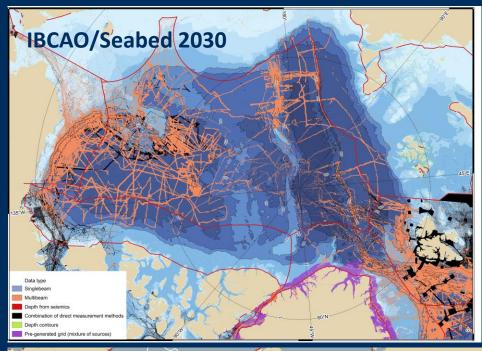


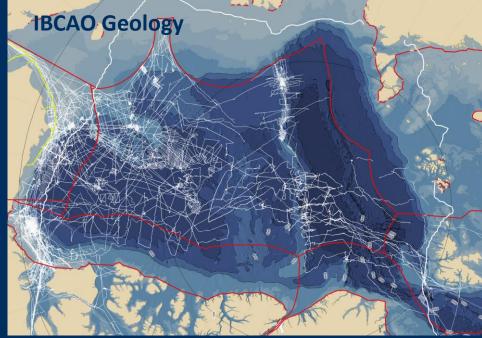


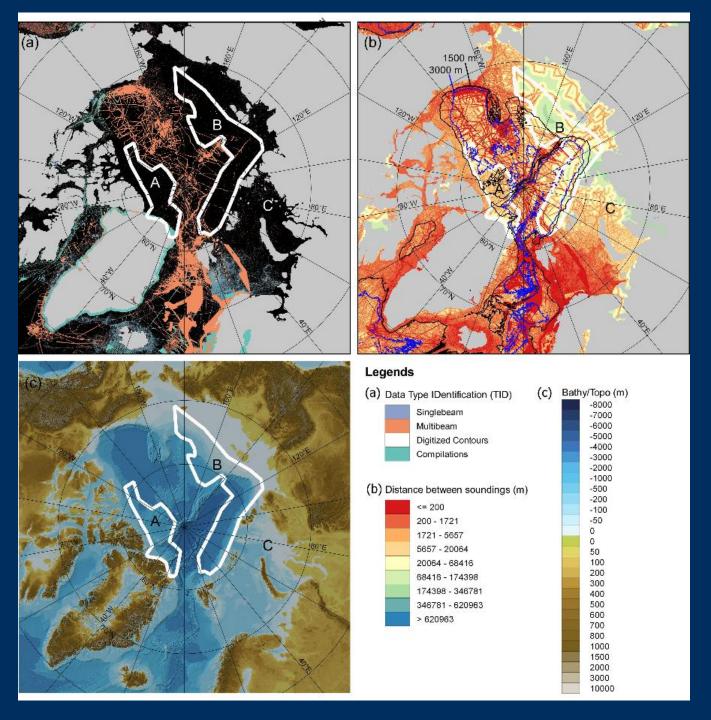












Three areas of particularly poor data coverage in IBCAO 4.2.26

A. Off Northern Greenland and the Canadian Arctic Archipelago

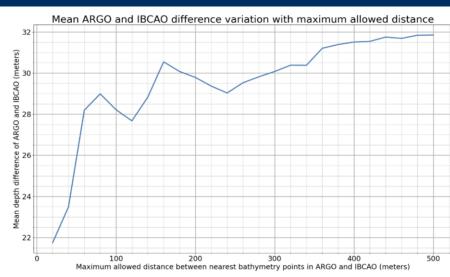
B and C. The outer continental shelves and slopes of the western Chukchi, East Siberian, Laptev, Kara and Barents seas

In area A data are scarce because of few mapping activities due to difficult ice conditions. The are likely data existing in areas B and C which have not yet been contributed to IBCAO.









With three very large outliers excluded: Mean depth difference= 3.9% Median depth difference = 2.1% Standard deviation = 6.7%



Future expeditions

- Oden (GEOEO) + Kronprins Haakon (GoNorth) 2024
- Amundsen (North Greenland 2024)
- Kronprins Haakon
- Oden (Canada-Sweden collaboration)
- Healy ?
- ?

