

R/V *Sikuliaq* Operations



AICC meeting
20-21 January 2022

Doug Baird
Director, Seward Marine Center
CFOS, UAF



R/V *Sikuliaq*

College of Fisheries
and Ocean Sciences

<https://www.sikuliaq.alaska.edu>



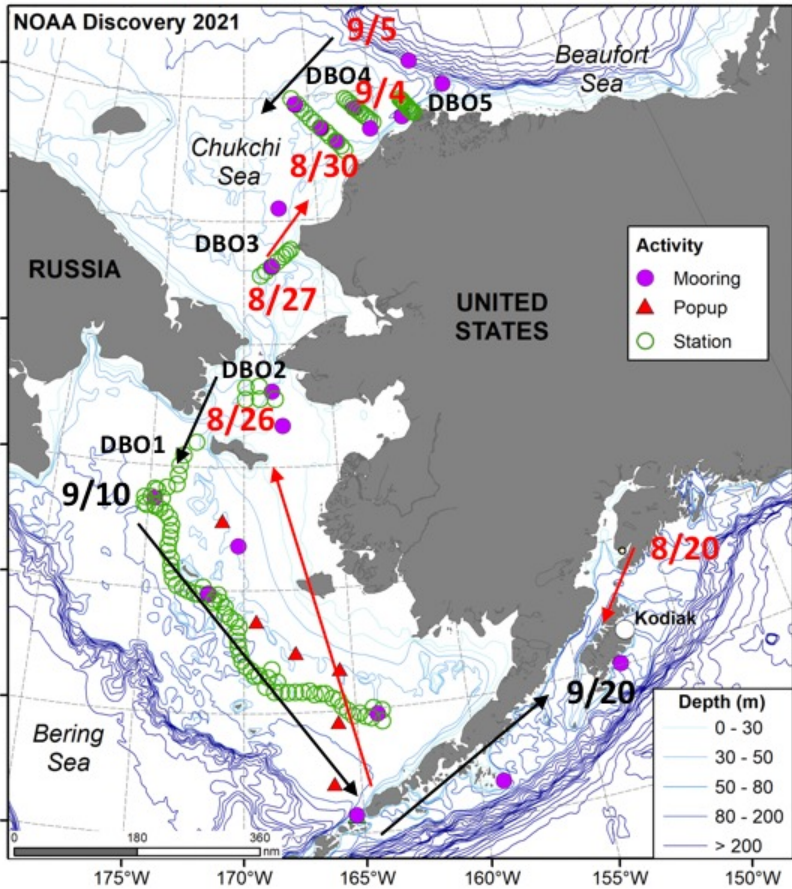
2021 Sikuliaq Arctic Projects

- Spring-early Summer: Bering and Chukchi Seas
 - BAIT Mix (Tyler Hennon, UAF)
 - Mercury Cycling (Rob Mason, UCONN)
- Late-Summer-Autumn: Chukchi Sea, 45-day MCS voyage for Bernie Coakley (UAF)
- Autumn & early Winter: Chukchi & Beaufort Seas
 - AMOS(Craig Lee, UW-APL)
 - Arctic DBO (Seth Danielson, UAF & Jackie Grebmeier, UMD-CES)
- 233 operational days (74% increase over CY20)

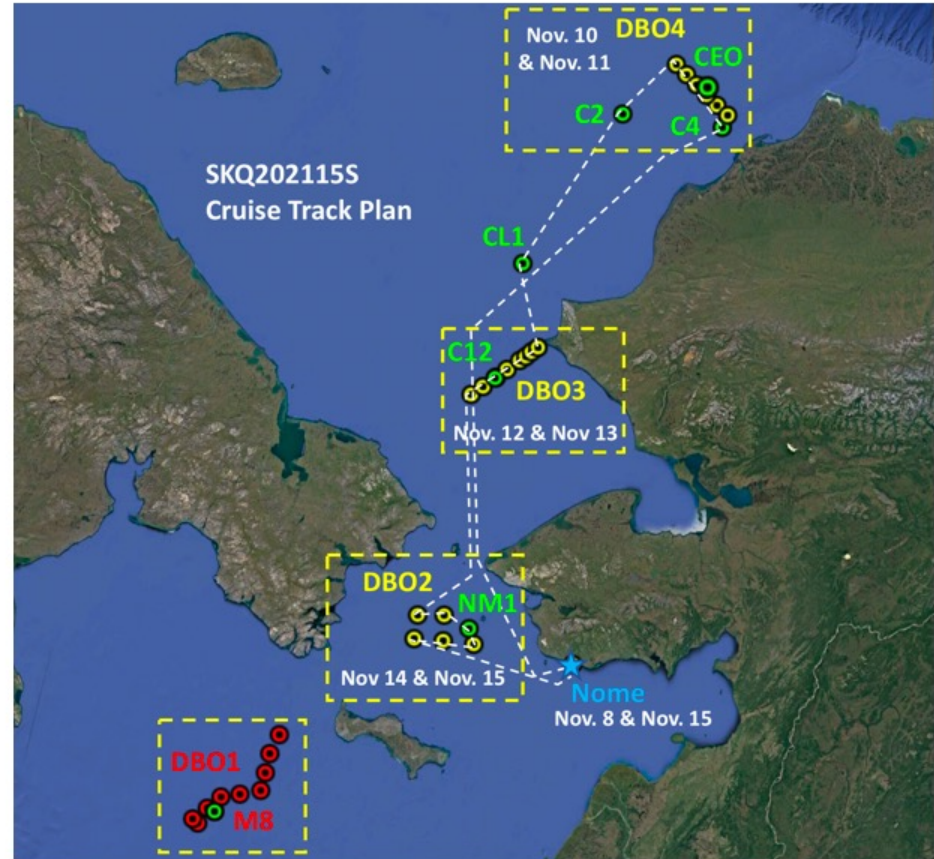
R/V Sikuliaq – Chukchi Sea Ice Station (May 2021)



Deferred Cruise – August 20-September 20



Revised Cruise November 8-15



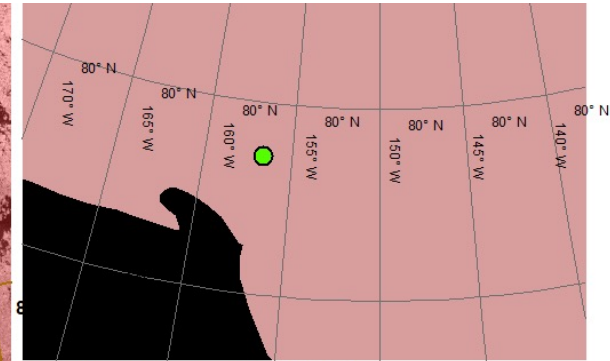
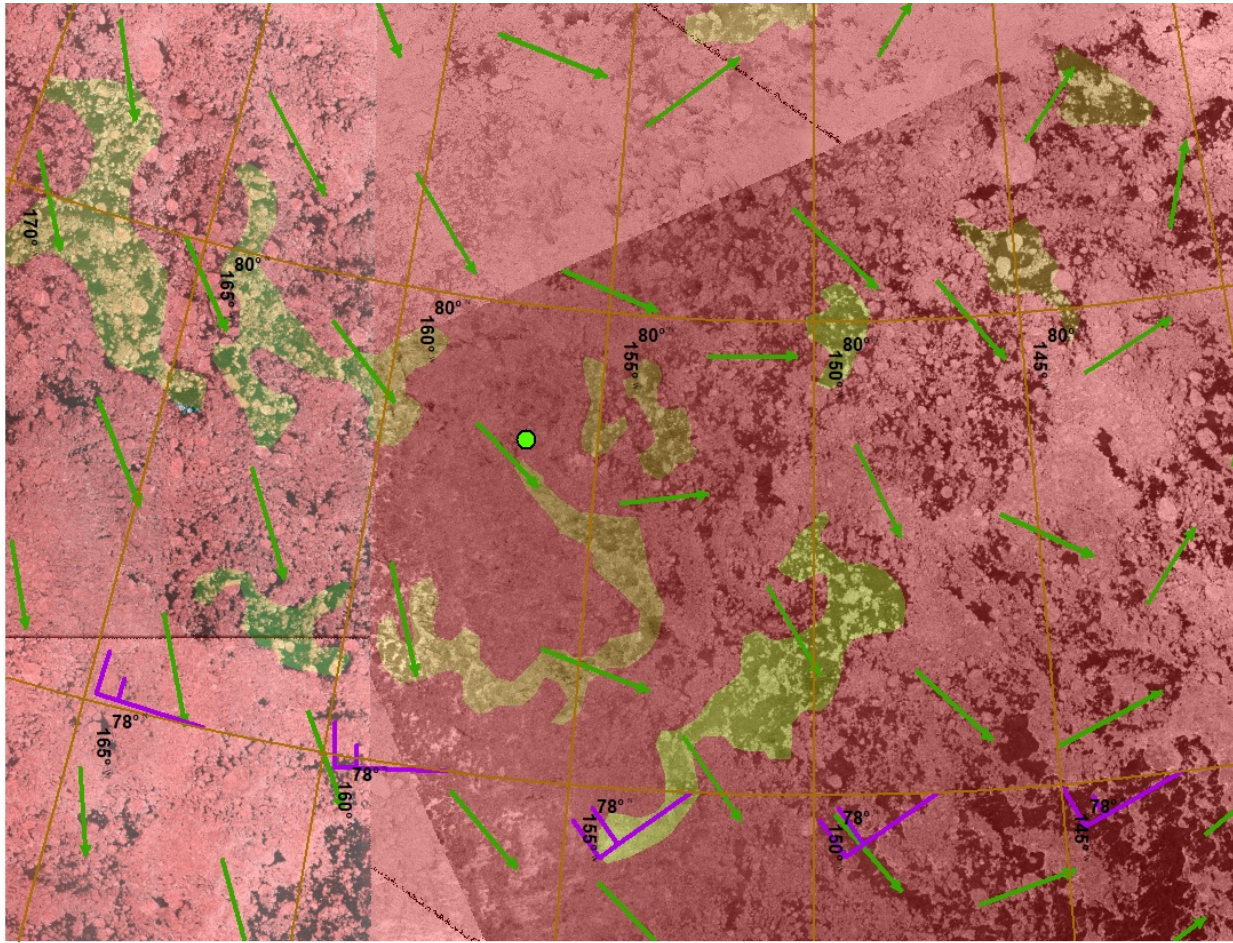
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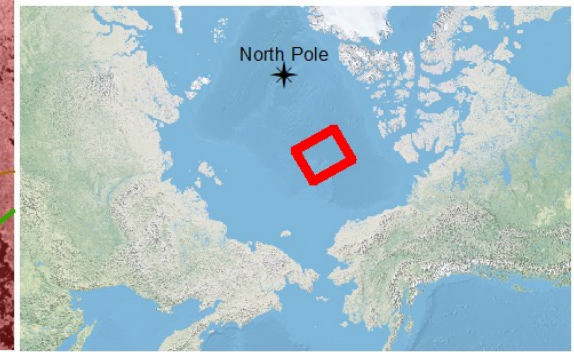
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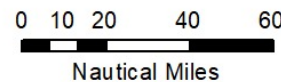
Great Support from NIC



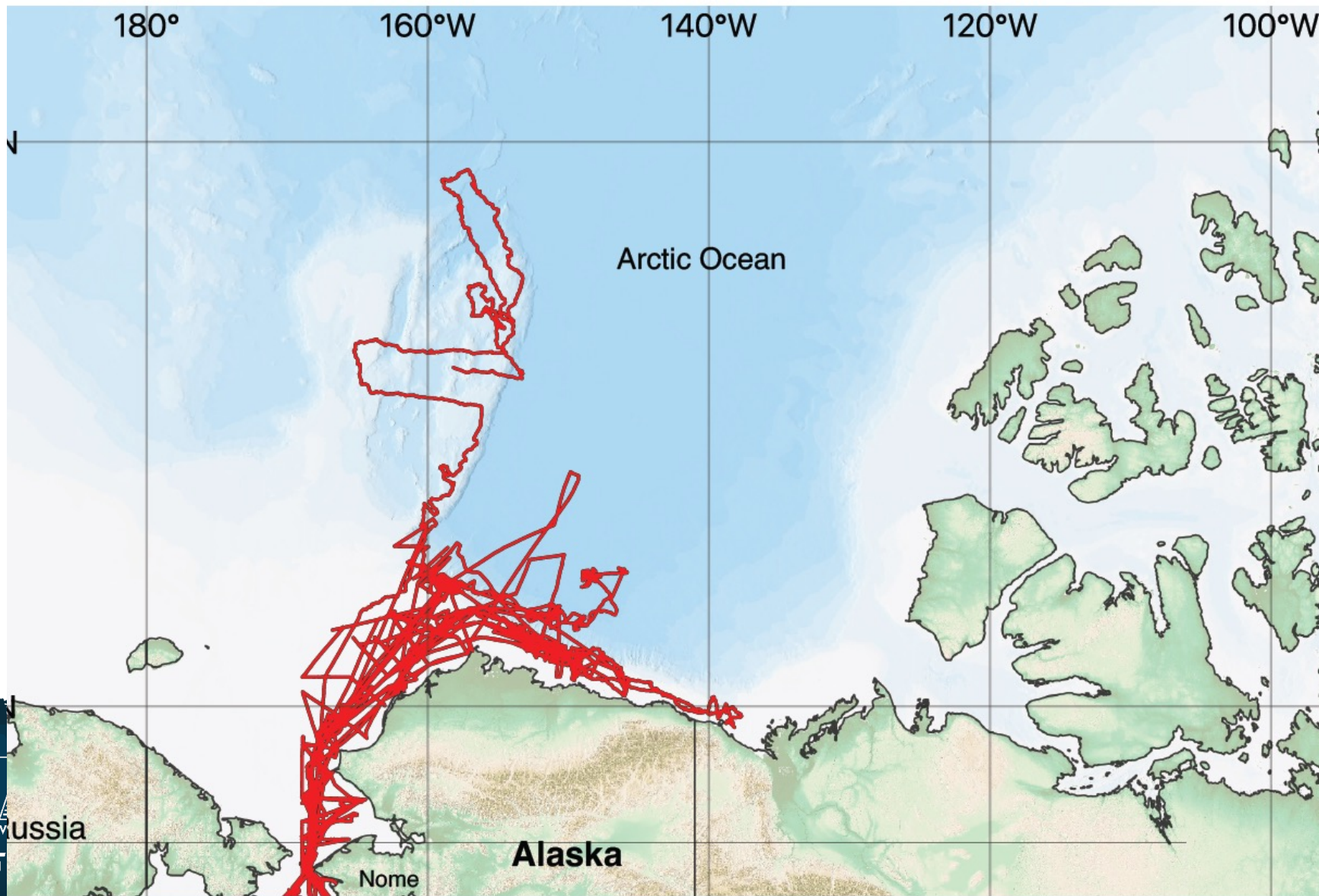
Weekly Estimated Ice Thickness
Valid 26 AUG 2021



Coordinate System: WGS 1984 Stereographic North Pole
Projection: Stereographic North Pole
Datum: WGS 1984



R/V Sikuliaq, January 1, 2016 - September 6, 2021





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2022 Sikuliaq Project Schedule

- Spring: West Coast & Gulf of Alaska
- Summer: N. Pacific Ocean, Gulf of Alaska, & Bering Sea
- Autumn & early Winter: Beaufort Sea
 - AMOS & Monitoring Mooring projects
- 276 scheduled operational days

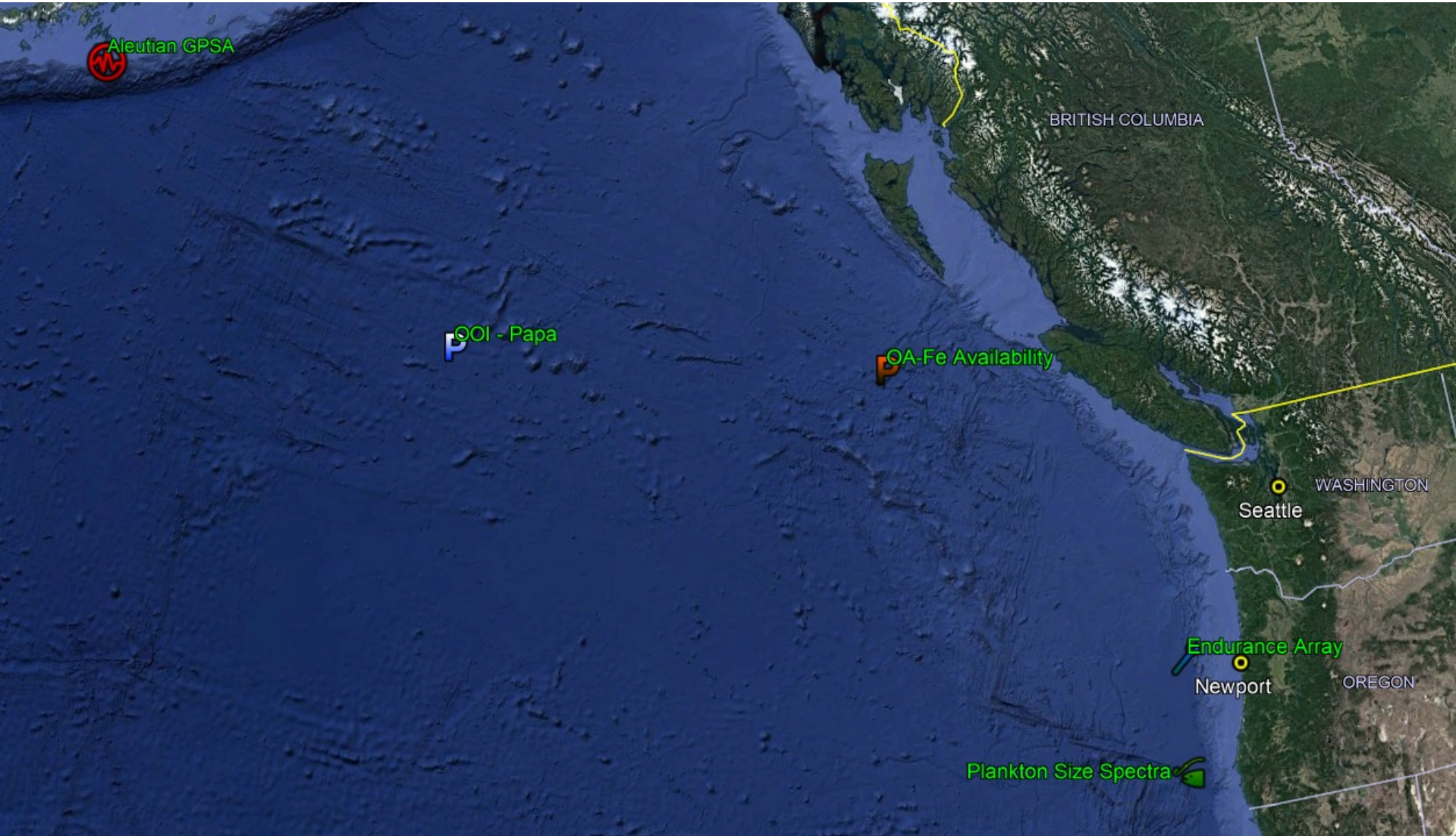


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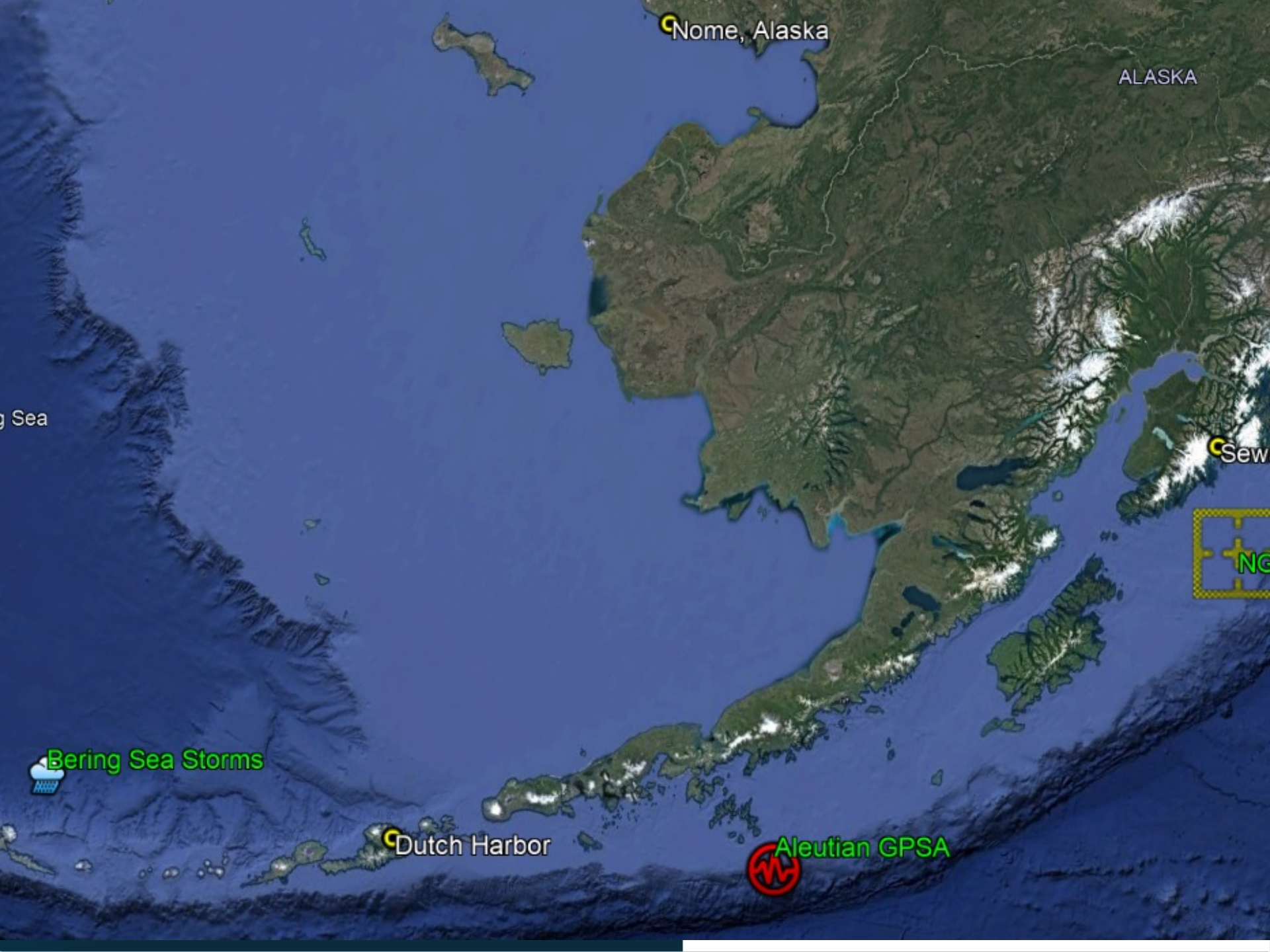




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Nome, Alaska

ALASKA

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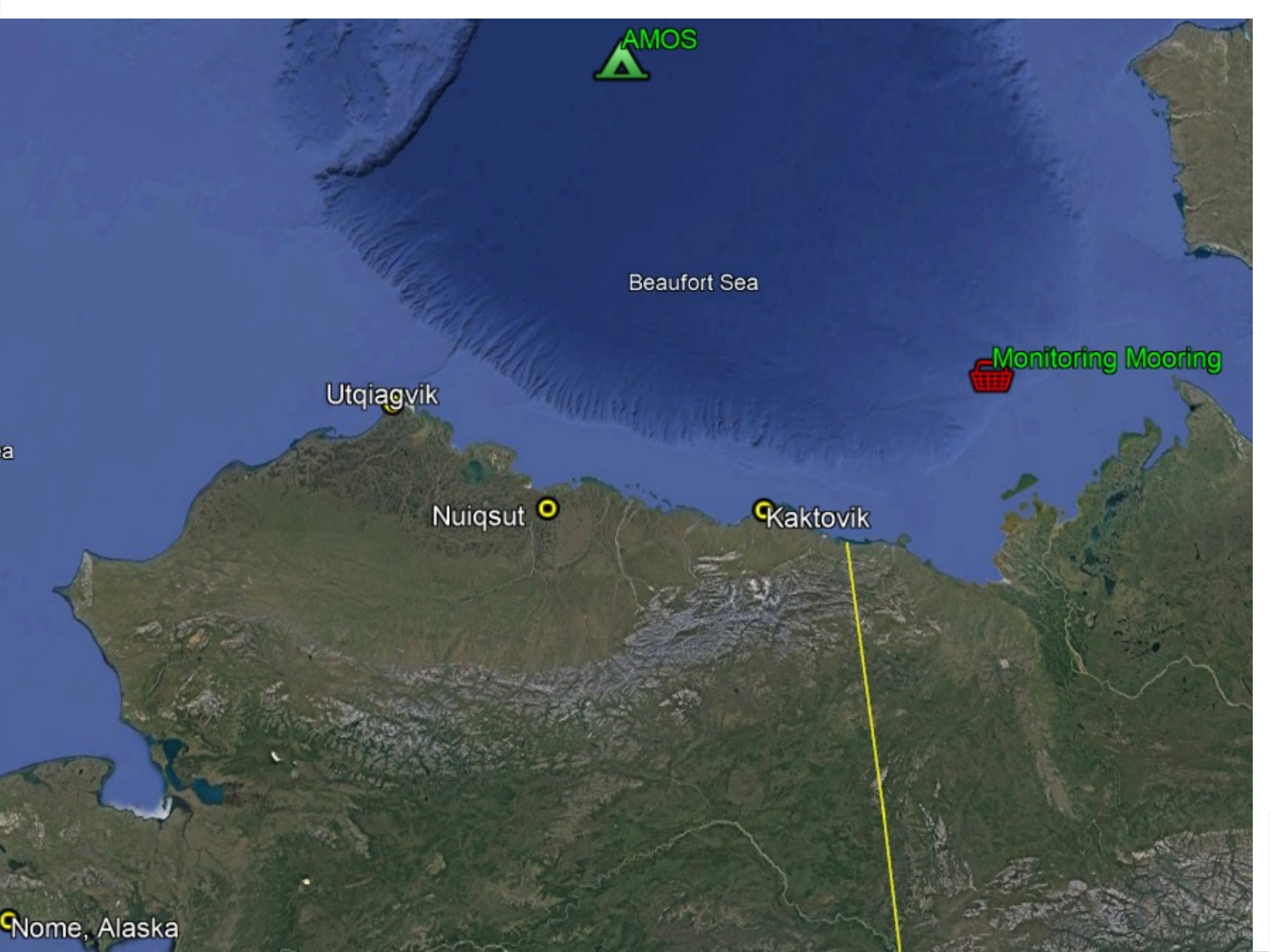
Seward

NG

Bering Sea Storms

Dutch Harbor

Aleutian GPSA



AMOS

Beaufort Sea

Monitoring Mooring

Utqiagvik

Nuiqsut

Kaktovik

Nome, Alaska

