



Institute of Ocean Sciences

Institut des Sciences de la Mer

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04 January 2021

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Research liaison

Nunavummi Qaujisaqtulirijikkut/Nunavut Research Institute (NRI)

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X0A 0H0

Chairperson

Nunavut Impact Review Board (NIRB)

P.O Box 1360

Cambridge Bay, NU

X0B 0C0

TALVUUNA: Qauyihaiyut Laisiutaat **#04 004 20R-M 2020** Ukium Nunngutaanut  
Naunaitkutut 2021-milu Parnaiyautit.

Halu NRI-kut, NIRB-kut ilaulyumayullu,

Una titiraq pihimalugu naunaitkutariyaqqut 2020-mi taryumik qauyihaipluta Qitiqmiut taryuanik, ataagut taamna amihunik ukiunik atuqtauyughaq NRI-kut laisiutaat **#04 004 20R-M**. Una titiraq ilittuqhitiyuqtaug parnaiyautiptingnik 2021-mi havakvighaptingnik, iniqtauyughat ataagut atahiq laisiutik.

Hivuanit havaaptingnit hamani aviktuqhimayumi, qauyihaipluta ilitturivaallirumayaqqut taryuq Qitiqmiuni qauyihaglugillu qanurininganiit taryumut kuugaqmit harvaqtumit tagyaaqmillu-avugiiktut immat nirukilruni ikkalrunilu ikirahangnit. Qauyihagpaktavut taryuq naunaitkutaliurumapluta nayugainik, nauyunik, avugiingniiniklu naunaitkutanik aviktuqhimayumi tamaat qauyihaiplutiklu ikirahangnit kangiqhungnilu uumayuqaqpallianahugiyaptingnit.

### **2020-mi Ukium Nunngutaanut Naunaitkutut:**

Mamianauyuq, aullaaqtailigamik qalakyuarnaq-19-mut ayuqhautigivaktaqqut umiaqmit qauyihaiyaamik RV Martin Bergmann-mit 2020-mi. Kihimi havaqatigivaktaqqut havaqativut Iqaluktuuttiaqmi Qurluqtuqmilu qauyihaiyaamik kuukkanit tingmitjat nayugaanitlu. Upinngaghami imaqmik qauyihaiyut havaangit iniqhimayait Ayapapaktuqvingmi tingmitjallu nayugaanit May 2020-mi havaqatiqaqhutik Iqaluktuuttiaqmiutanik taapkualu ukiuraaluk qauyihaiyut havaangit aullaqtitauniaqtut Qurluqtuqmi tingmitjallu nayugaanit December-mi. Qauyihaiyut havaangit Qurluqtum Kuugaanit aulahimmaaqniarahugiyaat 2021-mut 2022-mullu.

### **2021-mi Parnaiyautit:**

Aullaapalirumik Nunavunmut auyami 2021-mi, qauyihaiyumayugut umiakkut *RV Martin Bergmann-mit* talvani Ungahitangmi, Coronation Ikirahaanit, Qingaungmi, Iluilingmi, Hikuiyarviuplu Ikirahaanit, naammakkumiklu, aullaqaqlutik Chantry Kangiqhuanut (St. Roch taamnalu Rasmussen Kangiqhuit), takughayutut Piksaut 1-mi. Taryumik qauyihaipluta talvani, qauyihaiyumayaqqut Tree Kuugaa, Hood Kuugaa, Ayapapaktuqviklu Kuugaa, Ualiniqhianilu Kuugaq mikiyumik havingmik qayaqtuqhutik *R/V Martin Bergmann-mit* qauyihaiyaamik imarmik kuukkap qaqhuanit talvanilu harvaqvianit. Qurluqtum kuugaa kangiqhuqlu qauyihaqtauniaqtullu ikayuqtaulutik Qurluqtuqmiunit. Qauyihaipluta ihumagilluarumayaqqut harvaqtut Hikuliqiyit Ikirahaanit, Ungahitaum haniani Qingaungmilu. 2021-mi ihumagilluarniaqtavut havaarihimmayaqqut 2017-2019-mit, taimaalu, parnaiyaqhimayut qauyihavighavut, ingilrutit, havauhiivullu aajjikkutayut hivulliqnit parnaiyautiptingnit.

Havaaghavut umiaqmi *R/V Martin Bergmann-mi* havaanguyauniat August 1-mit, 2021-mi September 30-mut, 2021-mi, ilauyughat titiraqhimayut Naunaitkutaq 2-mi ataani. Qunngiaqhuta havaaghavut 2021-mi taapkuangyut:

- a) ungavailutik kihaqtittitqiklugit aulaghaaqtughat qauyihautit;
- b) qauyihailugit hunaqutit uumayut ingilrauhiinik taryumi alruyaqtuqtunik ingilrutituqhutik kivipkaqtitaayut umiaqmit imiqtaqhutik qauyihaqtaghanik;
- c) taryum natianit katitiqlutik qauyihaiyaamik amigaattut aallatqiiktullu taryumiutanik;
- d) kuvyannuanik atuqlutik kingungnik katitiriyaamik;
- e) qauyihailutik imarmik kuukkam qaqhuanit, imarmillu akunngani kuukkam kangiqhuklu mikiyumik qayaqtuqhutik qauyihaiyaamik nunamut taryumut atatarutit;
- f) tighiqtittitlutik qaangani immap qauyihariamik qaangani harvaa ilittuqhitalutiklu aallanganiit taryumi;
- g) kihaqtittitlutik amuhinariqtughanik qauyihautinik (ungavaqtaulutik aullaqhutik) qauyihariamik harvaa tagyaamit avugiingniillu.

Parnaiyaihimayuguttauq naittunik ukiumi kuugaqmit-taryumillu qauyihaqtaghanik 2021-2022-mi. 2020-mitut, ukiumi kuugaqmit-taryumillu qauyihainiat 2021-mi upinngaghamilu aullaqaqlutik Ayapapaktuqvik kuugaanut qauyihaiyaamik niklaqpalliyumik (niklamanian taryuqarnialu, itiniagut) nauyuniklu (nauyut, uutirnaqnia, paunga, uumaqutillu) hunaqutainik kkuukkam haniani talvunga tingmitjat nayugaanut. Qunngiaqhugit hapkua havaqatigivangniaqtait nunallaqmiut anguniaqtit Iqaluktuuttiaqmit. Aajjikkutaanik havaaghaqarniaqtut Qurluqtuq Kuugaanit, ukiuraaluklu qunngiaqlugu kuukkamit taryumut aallannguqtaqtut uumayut ingilrauhiit hunaqutaigut uumayullu ingilrauhiigut nipiliuqtauplutik tallimanik 6-nikluuniit nutqaqpaghutik ukiuraaluk. Ukiumi qauyihaqtaghat havaariyauniaqtut sikiittukkut auyamilu mikiyukkut qayakkut. Hapkua qauyihaqtauniaqtut havaqatigiplugit

Qurluqtuqmiut Anguniaqtit Naniriaqtuqtillu Katimayiit taapkualu Kaniitian Annaktit Taryumik Qauyihaiyut havaktiit.

**Ilttuqhitit:**

Qauyihavaktugut atuqhugit taryuliqiyit ingilrutait ukiuraaluklu kiahqhimayukkut, aullaqtitauyut umiaqmit *R/V Martin Bergmann*, ihivriuriami taryumiutat Qitiqmiut Taryuutaanit, harvaqlu kuukkam imautaanit talvunga taryuqmut, tagyaaqtullu nirukittunit ikirahangnit. Ilihimmattiarumayaqqut harvait havaangillu aviktuqhimagiyumi uumayut, taimaa NRI-kut taapkualu Kanatami Ukiuqtaqtumi Qauyihaqviat ayuqnaqtunik ilihimayaghanik hivituyumik uumayuutunik taryuqmik munaqhiyaamik qauyihaiyaamiklu.

Quanaqpiaquhi ikayuqpakkaffi ihivriuqtaptingnik uqauhiqaruffilu tuharumainnaqtugut, pitquhimayunik, ihumagiyaptingniklu qauyihagtut mighaagut. Quviahuinnaqtugut kiuhiaamik apiqhuutunik, hivayaqluta ihuariyakkut. Havaqatigiyaamik 2021-mi naahurittiaqqugut.

Titiraqtunga,



**Dr. Bill Williams - Research Scientist**

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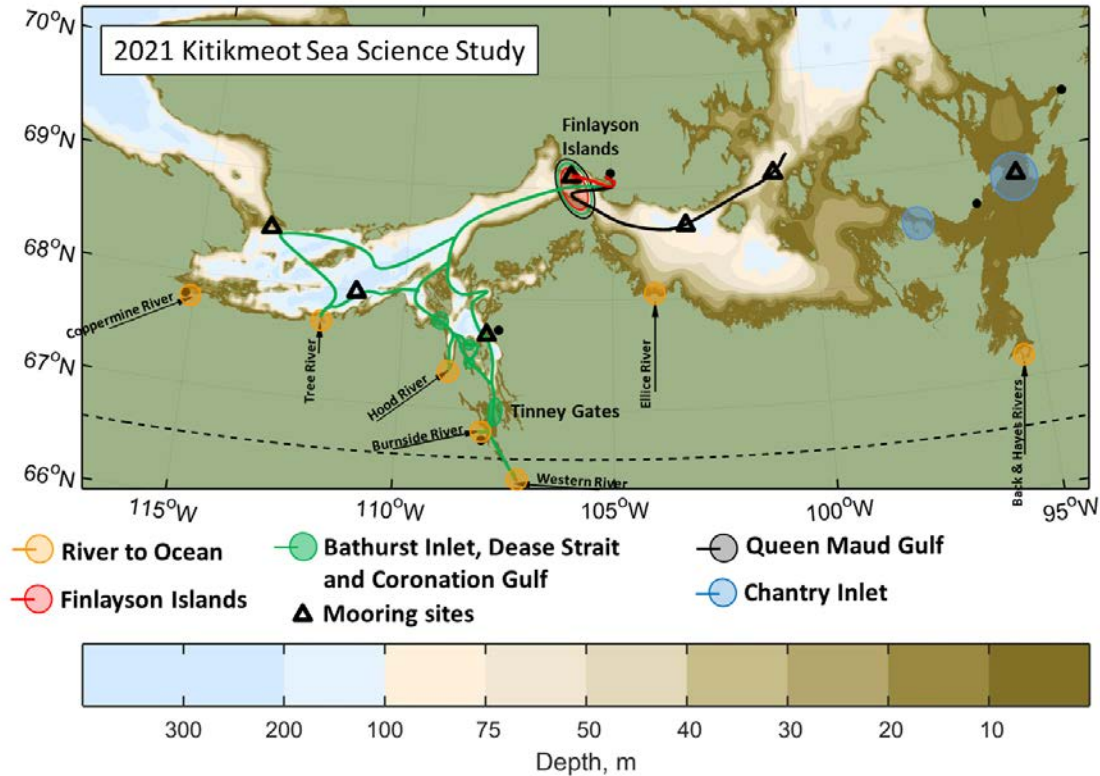
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## Piksautit Naunaitkutallu:

1. Nunauyaq takupkaiyuq 2021-mi aullaqvigainik taryumiutanik qauyihaqvigiyumayainik talvanngat *R/V Martin Bergmann* August 1-mit, 2021-mi to September 30-mut, 2021-mi.



2. Ilauniarahugiyauyut aullaagtunut 2021-mi *R/V Martin Bergmann*-mi umiaqtuqtunut.

01 August 2021 – 30 September 2021 (ubluit naunaitiqniaquut)			
Ilauyukhaq	Havaakhaa	Havakviuyuq	Ilituhagakhaq Ihumagiyauluaqtuq
Bill Williams	Co-PI	DFO	Physical Oceanography
Seth Danielson	Co-PI	U. of Alaska Fairbanks	Physical Oceanography
Eddy Carmack	Co-PI	DFO	Ocean Ecosystem Concepts
Bodil Bluhm	Co-PI	U. of Tromso, Norway	Benthic Ecology
Kristina Brown	Co-PI	DFO	River and Ocean Geochemistry
John Nelson	Co-PI	DFO	Zooplankton
Brent Else	Co-PI	U. of Calgary	Carbon Dioxide Chemistry
Mike Dempsey	Technician	DFO	Mooring recovery/deployment
Chis Clarke	Technician	DFO	Mooring recovery/deployment
Peter van Buren	Technician	DFO	Mooring recovery/deployment
Shawn Marriott	Technician	U. of Calgary	Water sampling
Richard Sims	Postdoc	U. of Calgary	Carbon Dioxide Chemistry
Hank Statscewich	Student	U. of Alaska Fairbanks	Physical Oceanography