



Fisheries and Oceans Pêches et Océans
Canada Canada

Institute of Ocean Sciences Institut des Sciences de la Mer

9860 West Saanich Road
Sidney, B.C. Canada
V8L 4B2

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December 21, 2022

Mosha Cote
Research liaison
Nunavummi Qaujisaqtulirijikkut/Nunavut Research Institute (NRI)
Iqaluit, NU
X0A 0H0

Chairperson
Nunavut Impact Review Board (NIRB)
P.O Box 1360
Cambridge Bay, NU
X0B 0C0

TALVUUNA: Qauyihaiyut Laisiutaat **#04 002 22R-M 2022** Ukium Nunngutaanut
Naunaitkutat 2023-milu Parnaiyautit.

Halu NRI-kut, NIRB-kut ilaulyumayullu,

Una titiraq pihimalugu naunaitkutariyaqqut 2022-mi taryumik qauyihaipluta Qitiqmiut taryuanik, ataagut taamna amihunik ukiunik atuqtauyughaq NRI-kut laisiutaat **#04 002 22R-M**. Una titiraq ilittuqhitiyuqtautq parnaiyautiptingnik 2023-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.

2022 Ukiumut Nainarhimayug:

Umiakktut Tarijumit Katitiriniq Uuktugakhanik: Quviahuktumik unipkagniaqqugut nakuujumik aallatqiinik uuktuutinik atuqhuta tarijumit katitiriniptingnit 2022mi. Havagluaqtugut umiarmi *CCGS Sir Wilfrid Laurier* atuqhugu August 16-mit to 30th-mut 2022. Tarijumi ipirviit imarmi katitirivikhat ilijauvaktut 6sini Qitirmiut tarijuani, ukunani Coronation Gulf, Queen Maud Gulf, Victoria Straitmilu (Naunaitkut 1). Atauttik malruuk ipirviik itinini tarijum natiani ipirhimajut mihigimajjutilgik uuktuqtunik harvanik, hikum ivjunianik, tarijum niglinarnianik tarjuninnianiglu. Hapkua ipirviit piijaqtauniaqtut 2023mi (takulugit parnaiqtauhimayut havagutikhat 2023mi titigaqhimavut atpani). Uuktuqpatullu

tarijumik immap qaanganit taununga natqanut ikkarlrni itinianilu. Tamaanit qaanganit natqanut uuktuqhutik ipirvini tamainni qaritaujakkuqtutugut umiarmit uuktuuninullu itiniqhaanit uuktuutunik aajjiginngittunit itininit.

Uvvalu, umiaq *RV Martin Bergman* Iniqtaa hivulliq tarijumi qaujihainiq Sherman Inletmi Sherman Basinmilu (August 5-21st, 2022) Ilauplutik Inulramiit/Inirniit Aullarniani Urhuqturmiunit, Ukiuqtaqtumi Qaujihainirmut Timiujumilu ukunangalu National Geographic Perpetual Planet timiujumit ilihaujjunmik hivunirhiujut. Talvuuna uuktuqtugut itquhianik qanurinnianiglu tarijumik imarmik katitiriutut *CCGS Sir Wilfrid Laurier* umiarmi atuqhutik qaritaujakkuqtunik qaujihautinik itinirmilu immap qanurinnianik uuktuutiniglu. Sherman Inletmi ilihijugut malrungnik harvaum ingilranianut maliktungnik ilitturinnaqtumik harvaum ingilgarnianik ukiuq naattugu (Naunaitkut 1). Ukua piiqtauniaqtuk 2023mi. Ilitturijjutikhanik katitiriugut itininganit kangiqhuup nakuutqiamik tarijumi aullarnaqtumik tahamani. Ukiuraaluk qaujihaitilluta ajauqtauyugut malrungnit Inirnininit Urhuqturmit qaujimattiaqtunik avatimingnik.

Nunalingmi Tarijumi Qaujihainiq: 2022mi, havaqatigiittiaqtavut Qurluqtumi Angunahuaqtiit tapkualu Kanatami Rangers Tarijumik Munaqtiit katitiriumapluta itquhianit qanurinnianiglu tajurniittumik imainnarmit Qurluqtum Kugaanit aulajumik tarijumut Coronation Gulfmut. Ilihaujjihiugapta March 2022mi, katitirijugut Marchmi, Junemi, Augustmilu. Decembermilu katitiriniahimapluta hikukpat. Ilihaujjiugut pingahunik nunalingmiuttanik katitirivaktukhanik imarmik iliuraivaktukhaniglu uuktuutunik qayakkut aujami tarijumillu ukiumi aullarlutik. Imaa ukiuraaluk ilittuqhaqhuni ilitturinnaqtuq kuukkamit tarijumut avuuniinnik tarijum, imarmi nirijauvaktuniglu uumajuvalungnik qanurlu imaq anirnikhamik puplaqariakhaa aujami ukiumilu. Ikayuutauniaqtuq kangiqhinahuarutiptingni qanuq kuukkat aktumajaakhaita tarijumut nunaum hinaani Qitiquimiuni.

2023mi Havaariniqhimajavut:

Umiarmit Qaujihainiq: 2022tut, ipirvitigut piniaqhimajugut imarmik uukturluta umiak *CCGS Sir Wilfrid Laurier R/V Martin Bergmannlu* 2023mi. Havarniaqhimajugut Finlayson Islands, Coronation Gulf, Bathurst Inlet, Queen Maud Gulf, and Icebreaker Channel, Sherman Inlet, Sherman Basin, pivikhaqarupta aullarluta Chantry Inletmut (St. Roch and Rasmussen Basins), naunaiqhimyutut Naunaitkunmi 1. Haanganiaqtugut 2023mi havarijavut 2017mit 2019mut 2022milu talvanga, uuktuihimmaarniaqtugut uuktuutivut, qanurlu aulajunaittut atauttit laisiptingnit titigaqhimayuni.

Umiakkut tarijumi qaujihainniaqtugut August 1mit September 30mut 2023, titigaqhimavut Naunaitkunmi 2mi niriugijavut havaqatikhavut. Tughirautauhimayut havaaghat 2023-mi taapkuanguyut: a) ungavailutik kihaqtittiffaqlutiklu qauyihautinik atuqtaughaaqtughanik (Naunaitkut 1); taimaalu b) qauyihailugit pitquhiit avugiigniillu taryuq alruyaqtuqtunik qauyihautinik atuqhutik kiviipkaihimayunik umiaqmit imiqtaqhutik qauyihagtaghanik. Titiraqhimayutut hivulliqni tughirautinit, kihaqtitaghait ingilrutit tunngaviqarniaqtut ungavaqpagamik immap iluani kihaqhimayughat taryum natianit taimaa ungahiaqluni 15m-nik immap qaanganit. Aippiariit kihaqhimayughat qauyihautilgit harvam hakugingnianik

qauyihaiyaamik hikuplu hilingnianik qauyihautiqaqhutiklu immap niklamanianik taryuqarnianik qunngiaqhugillu qauyihaqtait (qaumania, qaummaringnia, marlingania, qanuqlu). Kuukkamillu tarijumut qaujihainiaqhimaqut Kaleet Kuugani Sherman Basinmut mikijumi qajarmik aturluta. Ukua qaujihaivikhat uukturniaqtut tarijum itquhianik qanurinnianiglu katitirilutalu imarmik imainnaup avuurnianut tarijum. Kaleet Kuugaa Ahiamut Tingmiat Hapummivianut tikiumangmat, apirhinaqtugut Kanatami Uumajulirijinit qaujihainiarupta qanilruani kuukkamiluunniit talvani.

Nunallaarnit-aullaqtihiyut Taryumik Qauyihaiyut: Havaqatiginiqhimayaqqut ikayuqtivut Qurluqtuqmi Iqaluktuuttiaqmilu qauyihaiyaamik havaklutik 2023-2024-mi. Talvanitut 2022-2023-mi, havaqatigihimmaarahuaqtaqqut taapkua Qurluqtuqmi Anguniaqtit Naniriaqtutillu Katimayiit taapkualu Kaniitian Anguyaktit Ikayuqtiit Taryuqmi Naahuriyut katitiriamik ukiumit naunaiqhimaliqtainik kuukkamit taryumut aallatqiingniit talvanngat Qurluqtum Kuugaanit talvunga Coronation Ikirahaanut.

Umani katitiriniirmik katitiriniqqut itquhianik qanurinnianiglu atuqpagavut Qurluqtumi aturniarivut, ukiuq nutaq atulihaaliqqat ukiuraaluk Januarymit Decembermut 2023.

. Tallimaiqlutik 6-nikluuniit qauyihaqtaghanik katitirilutik ukiuq atuqtillugu, hila nakuukpat aullaariamilu nangiaritpat. Ukiumi qauyihaivangniat sikiitukkut auyamilu havaklutik qayaqtuqhutik.

Ukiumi katitiriniq tarijumit Dease Straitmit katitiqtauniaqtut Iqaluktuutiamiunit Kanatami Rangers Tarijumi Munaqtiinnit, qayangnaiqqat hiku tarijumi aullaariami.. Aullaaviginiaqtaat ikaaqlugu Dease Ikirahaat Kinngaaryungmit talvunga Itipliaryungmut talvungalugu Ungahitangmut. Hapkua aullaqtaghait taryumi qauyihaqvginiaqtait hanguvianit hikukkut naunaiyariamik ukiumi qanurininganiit immap niklamanianik, taryuqarnianik, avugiiktullu uumaqtutit katiqhugait.

Havakvighaqqut ukiuraaluk aulaniaqmat, tughiraqtugut taimaa qauyihainiqmut laisiutiptingnit katitiriamik havaklutik talvani qulaani taihimayunit aviktuqhimayunit January 2023-mit December 2023-mut.

Iltuqhitit:

Qauyihaivaktugut atuqhugit taryuliyit ingilrutait ukiuraaluklu kiahqhimayukkut ihivriuriami taryumiutat Qitiqmiut Taryuutaanit, harvaqlu kuukkam imautaanit talvunga taryuqmut, tagyaaqtullu nirukittunit ikirahangnit. Ilihimmattiarumayaqqut harvait havaangillu aviktuqhimayumi uumayut, taimaa NRI-kut taapkualu Kanatami Ukiuqtaqtumi Qauyihaqviat ayuqnaqtunik ilihimayaghanik hivituyumik uumayuutunik taryuqmik munaqhiyaamik qauyihaiyaamiklu.

Quanaqpiaquhi ikayuqpakkaffi ihivriuqtaptangnik uqauhiqaruffilu tuharumainnaqtugut, pitquhimayunik, ihumagiyaptangniklu qauyihaqtut mighaagut. Quviahuinnaqtugut kiuhiaamik apiqhuutunik, hivayaqluta ihuariyakkut. Havaqatigiyaamik 2023-mi naahurittiaqqug.

Titiraqtunga,

Dr. Bill Williams - Research Scientist

Fisheries and Oceans Canada, Ocean Sciences Division
Institute of Ocean Sciences, 9860 West Saanich Road
Sidney, BC, V8V 4L1
Tel: (250) 363-6343
Email: Bill.Williams@pac.dfo-mpo.gc.ca

Kivgaqtuqhugit havaaghanit ikayuqtigiit-PI-nguyut:

Bodil Bluhm, Professor, University of Tromsø, Norway
Email: bodil.bluhm@uit.no

Kristina Brown, Assistant Professor, Department of Environment and Geography, University of Manitoba, Email: Kristina.Brown@umanitoba.ca

Eddy Carmack, Emeritus Research Scientist, Fisheries and Oceans Canada, Institute of Ocean Sciences, Email: Eddy.Carmack@dfo-mpo.gc.ca

Seth Danielson, Research Associate Professor, University of Alaska Fairbanks.
Email: sldanielson@alaska.edu

Brent Else, Assistant Professor, Geography, University of Calgary
Email: belse@ucalgary.ca

C.J. Mundy, Associate Professor, Biological Oceanography, University of Manitoba
Email: CJ.Mundy@umanitoba.ca

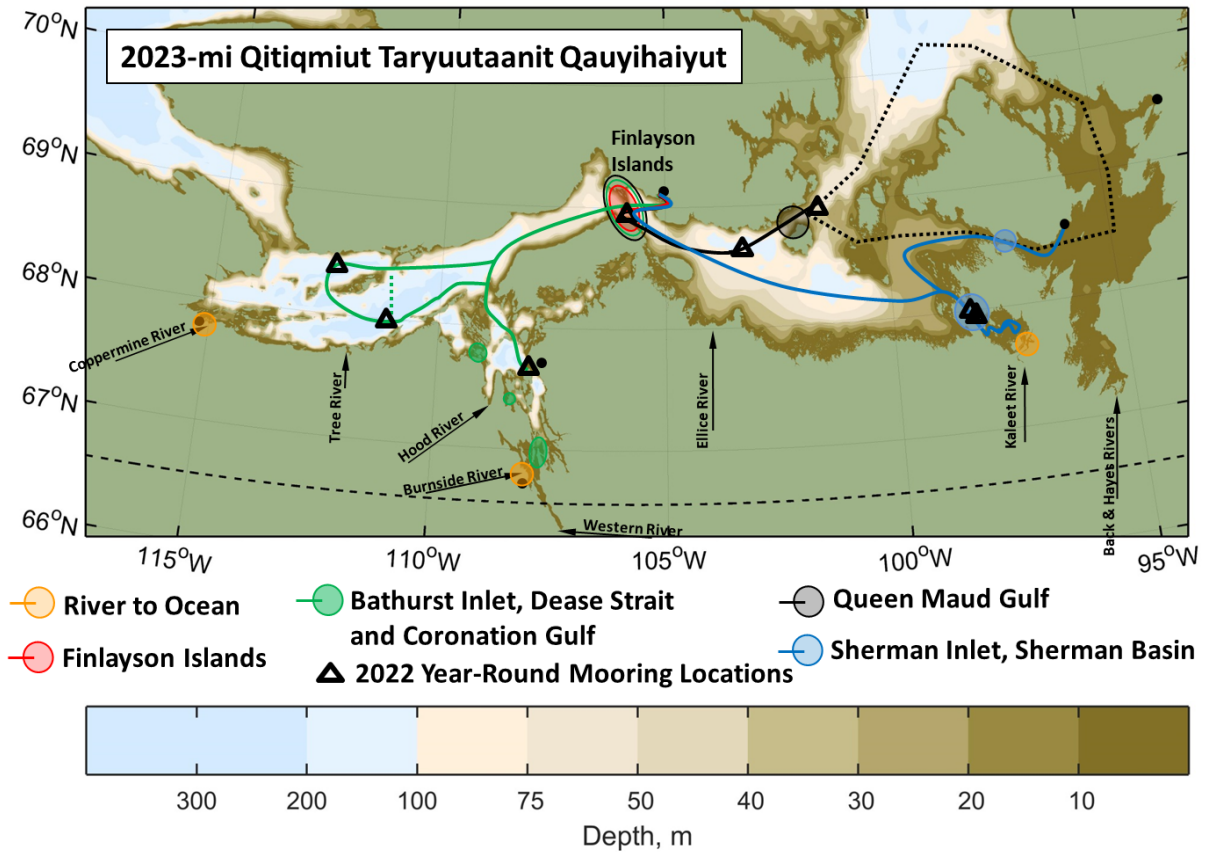
John Nelson, Research Scientist, Fisheries and Oceans Canada, Institute of Ocean Sciences,
Email: John.Nelson@dfo-mpo.gc.ca

Adrian Schimnowski, Executive Director, Arctic Research Foundation.
Email: adrian@arcticresearchfoundation.ca

Bill Williams, Research Scientist, Fisheries and Oceans Canada, Institute of Ocean Sciences, Email: Bill.Williams@pac.dfo-mpo.gc.ca

Piksautit Naunaitkutallu:

Naunaitkut 1. Nunauyaq takupkaiyuq 2023-mi aullaqvighaanik nayugaghaillu umiaqmit-havaanguyut taryumiutanik qauyihaiyut August 1, 2023-mit ahu 30 September 2023-mut. Niriugijaujuq umiat ingilganiit naunaikuhiqtauniaqtut kikkiliuqtauhimayunik titigaujaqhimalutik, ukualluak, avuurniit imainnaup tarijuplu naunaiquhiqtaulutik kaimalugiktunik. Huqpaniinniit ipirviuvakhimayut 2022mi naunaiqtauhimajut pingahunik haniralingnik tupiqutut ittunik.



Naunaitkut 2. Niriugijauyut ilaujukhat 2023mi umiakkut katitirinirmi.

01 August 2023 – 30 September 2023 (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	U. Manitoba	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
Paul Macoun	Technician	DFO	Mooring recovery/deployment
Kurtis Anstey	Technician	DFO	Mooring recovery/deployment
Shawn Marriott	Technician	U. of Calgary	Water sampling