



Authorization to Disturb a Marine Mammal Issued Under s.38 of the Marine Mammal Regulations

This authorization is issued to the holder under the authority of the Minister of Fisheries and Oceans pursuant to section 52 of the Fishery (General) Regulations(FGR) and subsection 38(1) of the Marine Mammal Regulations (MMR).

Under subsection 22(1) of the FGR and subsection 38(2) of the MMR, the conditions described in this authorization apply. The authorization holder or any qualified person acting under the authority of the authorization holder is authorized to engage in activities as described below.

If the Activities are undertaken at any time aboard a Canadian Coast Guard Vessel or a Department of Fisheries and Oceans Conservation and Protection vessel, the holder of the authorization will have to comply with the following policies: Canadian Coast Guard Fleet Orders, Supernumerary Personnel Carried Aboard Vessels policy or the Department of Fisheries and Oceans Conservation and Protection Directorate "Ride-Alongs" policy in order to undertake the authorized activities aboard one of these vessels.

Species targeted for disturbance that are LISTED on Schedule 1 of the Species at Risk Act:	
Species targeted for disturbance that are NOT LISTED on Schedule 1 of the Species at Risk Act:	Narwhal (Admiralty Inlet)

1. AUTHORIZATION HOLDER IDENTIFICATION

Marianne Marcoux, Research Scientist, Fisheries and Oceans Canada (DFO)
501 University Crescent, Winnipeg, MB R2T 2N6
Contact: Marianne.Marcoux@dfo-mpo.gc.ca ; Tel : 204-228-8042

Names of vessels/registration numbers: community vessels TBD

Unmanned Aerial Vehicle (UAV) Model(s): Mavic 3 and Phantom 4 DJI drones

Persons acting under the authority of the authorization holder:

Name, Organization	Contact Information
Maha Ghazal, DFO	maha.ghazal@dfo-mpo.gc.ca
Courtney Shuert, DFO	Courtney.Shuert@dfo-mpo.gc.ca
Florence Lapierre Poulin, DFO	Florence.LapierrePoulin@dfo-mpo.gc.ca
Community Partner, Arctic Bay	TBD
Community Partner, Arctic Bay	TBD

All activities carried out under this authorization shall only be conducted under the direct supervision of the authorization holder or a person listed above acting under their authority. The authorization holder is responsible for ensuring that only persons acting under their direction are present during activities authorized under this authorization.



2. LOCATION OF PROPOSED ACTIVITIES

The activities authorized by this authorization may take place only in the following Canadian fisheries waters, ports or other places specified below:

Admiralty Inlet, NU	
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3. DESCRIPTION OF THE ACTIVITIES

The operations authorized will include the following:

- Unmanned Aerial Vehicle (UAV) photography of marine mammals at altitude less than 300 meters (m3)
- Approach marine mammals with a vessel within a distance of 50 meters (m)

4. TERMS AND CONDITIONS specific to s. 38 of the Marine Mammal Regulations

The activities must be carried out in accordance with the following conditions:

- (1) A copy of this authorization shall be kept on site at all times in the possession of the authorization holder or a person listed in the table above acting under the direction of the authorization holder and shall be made available to a Fisheries Officer upon request. Government issued identification documents are required for anyone acting under this authorization.
- (2) This authorization cancels and replaces any previous issued licences or authorizations issued to the authorization holder for the purpose of conducting operations covered under this authorization.
- (3) The issuance of this authorization implies no commitment by the Minister or the Department to reissue it in subsequent years.
- (4) Permitted activities shall only take place in the locations specified in Section 2 of this authorization.
- (5) This authorization cancels and replaces any previous issued licences or authorizations issued to the authorization holder for the purpose of conducting operations covered under this authorization.



- (6) The issuance of this authorization implies no commitment by the Minister or the Department to reissue it in subsequent years.
- (7) Permitted activities shall only take place in the locations specified in Section 2 of this authorization.

Conditions to avoid or minimize the impact of the activities on the species:

- (8) Activities shall be conducted in a manner whereby any individuals of the species shall be handled only in the circumstances outlined under this authorization and with the least amount of harm to the marine mammal, subject to human safety concerns.
 - (i) Drones must be launched and landed no closer than 50 m from any marine mammal; vertical drone photography to be conducted at altitudes no less than 25 m above any marine mammal.
- (9) This authorization cannot be transferred or assigned to another party.
- (10) This authorization is valid from date of issuance to date of expiration: August 31, 2023.

NOTE: Nothing in this authorization shall be construed as authority under the Species at Risk Act (SARA) to kill, harm, harass, capture or take an individual of a wildlife species that is listed as "extirpated", "endangered" or "threatened" as identified in Schedule 1 of SARA. If the activities authorized in this authorization is expected to interact with an "extirpated", "endangered" or "threatened" species, a separate application for a section 73 SARA permit is required. The application form can be found at WWW.SARAREGISTRY.GC.CA. For more information on SARA, including a list of protected species, phone 1-866-891-0771, or visit WWW.SARAREGISTRY.GC.CA.

Conditions that relate to notification, monitoring and reporting:

- (11) The following DFO staff shall be advised immediately on commencement of this project:
Arctic Region: Patt Hall, Sr. Regional Fisheries Management Officer,
patt.hall@dfo-mpo.gc.ca
Terrance Stein, Conservation & Protection,
Terrance.Stein@dfo-mpo.gc.ca
- (12) An end of project report including locations, species, numbers and observations shall be provided 30 days after this authorization expires to the following DFO regional coordinator:
Arctic Region: Patt Hall, Sr. Regional Fisheries Management Officer,
patt.hall@dfo-mpo.gc.ca

Conditions that relate to marine mammal interaction reporting:

- (13) The Section 38 authorization holder or any person acting under their authority must provide information regarding all lethal and non-lethal marine mammal interactions (including bycatch, collision and all sightings of marine mammals entangled in fishing gear);
- (14) The authorization holder or any person acting under their authority must at all times have in their possession/on board their fishing vessel copies of the Marine Mammal Interaction Form.



- (15) The authorization holder or any person acting under their authority must complete and submit the Marine Mammal Interaction Form for each interaction within 48 hours and in accordance with the instructions specified. The Marine Mammal Interaction Form can be downloaded at <https://www.dfo-mpo.gc.ca/species-especes/mammals-mammiferes/report-rapport/page01-eng.html>

5. PERIOD OF VALIDITY

This Section 38 authorization is valid from: July 1, 2023 to August 31, 2023

DFO Receiving Officer:

P. A. (Patt) Hall,
Senior Fisheries Management Officer
DFO Arctic Region

Issue Date : June 5, 2023

Signature of Authorization holder:

This document is not valid unless signed by the Authorization holder.