Appendix H-8

MMSO Report

NUQSANA GOLDER
ENGINEERING AND ENVIRONMENTAL INC.

REPORT

Marine Mammal and Seabird Observer (MMSO) Report for the 2019 Shipping Season

Meliadine Gold Mine in Rankin Inlet, Nunavut

Submitted to:

Agnico Eagle Mines Limited

Submitted by:

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1 April 2020

Distribution List

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Executive Summary

In 2019, Agnico Eagle Mines Limited (Agnico Eagle) shipped approximately 165,561 m^3 of dry cargo (equipment and supplies) and 24.8 million litres of diesel fuel for the operations of the Meliadine Gold Mine in Rankin Inlet, Nunavut. The Mine's Shipping Management Plan outlines a Marine Mammal and Seabird Observer (MMSO) program that is to be implemented by Project shipping contractors. The purpose of the MMSO program is to mitigate interactions between marine mammals and seabirds and Project vessels and to collect information on marine wildlife presence. The objective of this report is to develop a MMSO report to support Agnico Eagle's 2019 annual report to the Nunavut Impact Review Board (NIRB), for the 2019 shipping season (NIRB Project Certificate No.006, Amendment 001, per the applicable Terms and Conditions related to shipping activities and potential marine spills). This report provides an interpretation and discussion of the MMSO data collected in 2017, 2018 and 2019 by the shipping contractor Transport Desgagnés.

Four marine mammal species were recorded in 2019. None were recorded in 2018 and seven marine mammal species were recorded in 2017. Killer whale *(Orcinus orca),* harp seal (*Pagophilus groenlandicus*), fin whale (*Balaenoptera physalus*), and bowhead whale (*Balaena mysticetus)* were recorded in 2019. None of the species observed in 2019 were observed in 2017. The total temporal (hr) and spatial (km) survey effort of the 2019 MMSO program was greater than both 2018 and 2017 and included four vessels in 2019 compared to two in 2017 and one in 2018. The 2019 MMSO Program was conducted over five months (July to November), while the program in 2017 and 2018 were conducted over three months (July to September) and one month (June to July), respectively.

A total of 14 and 20 identified bird species have been observed from 2017 to 2019 on the stationary platform and moving platform surveys, respectively. Three seabird species have been recorded on moving platform transects in all survey years (common eider [*Somateria mollissima*], dovekie [*Alle alle*], and thick-billed murre [*Uria lomvia*]), with thick-billed murre being one of the most commonly observed species in all survey years. Common eider (Somateria mollissima) and glaucous gull (*Larus hyperboreus*) were observed during stationary platform surveys all survey years. Thick-billed murre was the most abundant species observed on stationary platform surveys in 2017, while glaucous gull was the most abundant species observed in 2018 and 2019 and the second most abundant species recorded in 2017. Considerably more species and individuals were observed in 2019 due to greatly increased survey effort in 2019 vs 2017 and 2018. The density of seabirds reported in all years is low.

A total of eight Transport Desgagnés vessels serviced the Project via Rankin Inlet between July and early November during the 2019 shipping season. Four of the eight vessels serviced Rankin Inlet twice during the shipping season. Two Transport Desgagnés vessels (*Acadia Desgagnés* and *Claude A. Desgagnés*) traveled north of Coats Island during 2019 shipping season. Each vessel only had one passage north of Coats Island. In both cases the passage north was made due to safety concerns for the vessel, crew and cargo due to weather and sea conditions (i.e., high winds).

No marine mammal-vessel interactions or birds-vessel interactions (e.g., strikes) were recorded in 2019, 2018 and 2017.

Study Limitations

On behalf of Agnico Eagle Mines Limited (Agnico Eagle), Nuqsana Golder Engineering and Environmental Consulting Inc. (Nuqsana Golder) has prepared this Marine Mammal and Seabird Observer (MMSO) Report for the 2019 Shipping Season for the Meliadine Gold Mine in Rankin Inlet, Nunavut.

This report was prepared, based in part, on information obtained from Transport Desgagnés through Agnico Eagle and other historic information sources. In preparing the report, Nuqsana Golder has relied in good faith on the information provided. We accept no responsibility for any deficiency or inaccuracy contained in this report because of our reliance on the aforementioned information.

The findings and conclusions documented in this report have been prepared for the specific application to this Project and have been developed in a manner consistent with that level of care normally exercised by environmental professionals currently practicing under similar conditions in the jurisdiction.

With respect to regulatory compliance issues, regulatory statutes are subject to interpretation. These interpretations may change over time and should be reviewed regularly.

If new information is discovered during future work, the conclusions of this report should be re-evaluated, and the report amended, as required, prior to any reliance upon the information presented herein.

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APPENDICES

APPENDIX A
Summary of Marine Mammal Sightings and Environmental Variables Recorded by Transport Desgagnés for the 2017, 2018 and 2019 Shipping Season

APPENDIX B
Data Sheets Recorded by Transport Desgagnés and Provided by Agnico Eagle Mines Limited for Marine Mammal and Seabird Observations for the 2017,2018 and 2019 Shipping Season

1.0 INTRODUCTION

In 2019, Agnico Eagle Mines Limited (Agnico Eagle) shipped approximately 165,561 m^3 of dry cargo (equipment and supplies) and 24.8 million litres of diesel fuel annually for the operations of the Meliadine Gold Mine (the Mine or the Project) in Rankin Inlet, Nunavut (Agnico Eagle 2018; Figure 1). To meet these needs, approximately eight ships per year are needed to deliver dry cargo and up to four additional ships per year to deliver fuel. Shipping is carried out during the open water season (typically from early July to late October; Agnico Eagle 2018). Shipping activities are carried out by Transport Desgagnés. To support the Terms and Conditions of the Mine's Nunavut Impact Review Board (NIRB) Project Certificate No.006 (Amendment 001), related to shipping activities and potential marine spills, Transport Desgagnés is required to implement a Marine Mammal and Seabird Observer (MMSO) program during shipping activities in the marine Local and Regional Study Areas (LSA and RSA; Agnico Eagle 2018; Figure 2). The purpose of the MMSO program is to mitigate interactions between marine mammals, seabirds and Project vessels and to collect information on marine wildlife presence within the boundaries of the RSA.

This report provides an interpretation and discussion of the 2019 MMSO observations collected by Transport Desgagnés with comparisons to previous years (2018 and 2017) to support Agnico Eagle's annual report to the NIRB.

1.1 Objectives

The objective of this report is to present a summary of the MMSO data collected by Transport Desgagnés during the 2019 MMSO program to support Agnico Eagle's 2019 annual report to the NIRB. It is important to note that the primary objective of the MMSO program is to mitigate vessel strikes to marine mammals and seabirds, and secondarily to collect information regarding wildlife presence. The annual MMSO report therefore provides information collected on wildlife presence including the location, behaviour, abundance, and species observed as well as any interactions with Mine vessels during shipping activities in the RSA (Figure 1).

LEGEND

- MELIADINE MINE
- SHIPPING ROUTE (APPROXIMATE)
- MARINE REGIONAL STUDY AREA (MARINE RSA)
- MARINE LOCAL STUDY AREA (MARINE LSA)

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REFERENCES

1. BASE DATA FROM NATIONAL GEOGRAPHIC WORLD MAP - CONTENT MAY NOT REFLECT NATIONAL GEOGRAPHIC'S CURRENT MAP POLICY.
COORDINATE SYSTEM: NORTH AMERICA LAMBERT CONFORMAL CONIC

CLIENT

AGNICO EAGLE MINES LIMITED

PROJECT

MELIADINE GOLD PROJECT
NUNAVUT

TITLE

PROJECT LOCATION;
MARINE LOCAL AND REGIONAL STUDY AREA FOR THE MELIADINE GOLD MINE

CONSULTANT

GOLDER

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REVIEWED	KB
APPROVED	CDM

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2.0 METHODS

The 2019 MMSO program was conducted by Transport Desgagnés in accordance with the methods outlined in the Shipping Management Plan (Agnico Eagle 2018). Appendix A summarizes the MMSO data recorded by Transport Desgagnés and Appendix B provides the raw datasheets used by Transport Desgagnés and provided by Agnico Eagle.

2.1 Shipping Activity

Shipping activity was defined by creating shipping tracks for all Project related vessels within the 2019 shipping season. Shipping tracks were created using the Transport Desgagnés' fleet location site, where location points were extracted based on one-month periods to create monthly individual vessel tracks (Transport Desgagnés 2020). The tracks were delineated based on the chronological order in which the point locations were recorded. As a result of the limited ship track resolution available from Desgagnés, ship tracks presented in this report may not be an accurate representation of actual 2019 ship tracks. Several shipping tracks only have a few ship positions available. This results in a delineation of point locations that are far apart and, in some cases, ship tracks appearing to be traversing land.

2.2 Marine Mammal Data Analysis

This section outlines the methods used to summarize the environmental conditions, observer effort, and marine mammal sightings related to the information recorded by Transport Desgagnés. There were not enough marine mammal sightings recorded during the 2017, 2018 and 2019 MMSO programs to conduct a density analysis.

Temporal and Spatial Observation Effort

Temporal (hours) and spatial (km) marine mammal observation effort was defined as the effort dedicated to marine mammal observations as recorded by Transport Desgagnés on the MMSO datasheets (Appendix B). Marine mammal spatial effort was calculated as linear kilometres using GPS coordinates that were recorded by Transport Desgagnés at the start and end of each MMSO shift. Start and end times were recorded by Transport Desgagnés on the datasheets (Appendix B) and were used to determine temporal effort (i.e., the time spent completing marine mammal observations).

Environmental Variables

The environmental variables of ice cover (percent), wind speed and direction, sea state (Beaufort scale), weather (e.g., precipitation and cloud conditions), visibility, sun glare and sightability (combination of weather, glare, and sea state, etc.) were recorded by Transport Desgagnés on the datasheets (Appendix B) and were summarized as a percentages of observation effort.

2.3 Seabirds

This section outlines the methods used to summarize the environmental conditions, observer effort, and to provide a density estimate for seabird sightings related to the seabird information recorded by Transport Desgagnés in 2019. Additionally, Agnico Eagle requested a comparison of seabird monitoring results from 2017 to 2019 to determine if there were differences between years.

Temporal and Spatial Observation Effort

Surveys from moving and stationary platforms are completed in five-minute intervals (Agnico Eagle 2018). Additionally, the number of survey hours and kilometres were recorded as indices of effort for seabird surveys. Seabird spatial effort was calculated as linear kilometres using GPS coordinates that were recorded by Transport Desgagnés at the start and end of each five-minute interval. Start and end times were recorded by Transport Desgagnés on the datasheets (Appendix B) and were used to determine temporal effort (i.e., the time spent completing seabird surveys).

Environmental Variables

The same environmental variables of ice cover (percent), wind speed and direction, sea state (Beaufort scale), weather (e.g., precipitation and cloud conditions), visibility, and sun glare were recorded by Transport Desgagnés on the datasheets (Appendix B). Environmental conditions were not separately summarized for seabird monitoring but are anticipated to be similar since the MMSO protocol is to alternate these programs numerous times throughout daily monitoring (Agnico Eagle 2018).

2.3.1 Data Analysis

The monitoring records prepared by Transport Desgagnés and provided by Agnico Eagle included observations of seabird counts at varying distances from moving and stationary ships (Appendix B). Sightings data from a moving vessel are analogous to line-transect sampling while observations from a stationary vessel are similar to point-counts. Both can be used to estimate the density of seabirds. When distances to seabirds are measured, the density estimate can be corrected for seabirds that are farther away from the ship and harder to detect (i.e., not observed or missed). This correction is employed through use of a distance-based detection function as outlined in Buckland et al. (2001). The analysis was focussed on estimating and then comparing seabird density by year. Densities for stationary and moving surveys are presented without regard for environmental variables because preliminary review of data indicated that low sample sizes (Buckland et al. 2001) and inclusion of additional model variables would decrease the precision of estimates.

Analysis of stationary and moving platform seabird data was performed using the Conventional Distance Sampling analysis engine of the Distance 7.3 software program (Thomas et. al. 2009). The initial step is to fit a detection distribution that corresponds to the sightings data. The hazard-rate, half-normal, and uniform key functions, all with cosine, simple polynomial, and hermite polynomial series expansions, were tested for fitting the data. The observation data were transformed into intervals for the fitting of the models. There is a possibility that seabirds may actively avoid the ship during the moving platform surveys (e.g., birds may dive when they are close to the ship and resurface further from the ship where they are recorded by observers). To account for this, seabird observations from moving platform surveys that were recorded within 0 to 50 m and 51 to 100 m from observers were pooled together into one distance interval (i.e., 0 to 100 m) for the moving platform data analysis.

The standard analysis method of transect surveys assumes that on average, over multiple replications of the survey, each point within the survey area has an equal likelihood of being sampled (uniform coverage probability). Because the locations of the transect lines were considered random with respect to the location of seabirds, the average density of seabirds was considered to be the same irrespective of distance from the transect line. Thus, any observed change in seabird sightings with increasing distance from the transect line was considered a

change in the probability of detection, rather than a true change in bird density. The change in detection probability with respect to sighting distance from the transect line was measured to provide an estimate of the average probability of detection of a bird, which was, in turn, used to estimate the density of seabirds in the survey area. Sample size for modelling detection function should generally be at least 60 to 80 sightings, although for some purposes, as few as 40 sightings may be adequate (Buckland et al. 2001).

Models were selected using the minimum Akaike's Information Criterion (AIC) as well as consideration for fit near zero distance, where fit is most critical and not accounted for in AIC values (Buckland et. al. 2001). For moving platform surveys, these detection functions all assume 100% detection on the trackline (g[0]=1).

Distance truncation of the data was performed to remove sightings past a selected distance (i.e., 300 m), which serves to remove outliers that would otherwise inflate density and abundance estimates (i.e., observation size-bias) as well as remove hard-to-fit portions of the dataset (e.g., obvious data heaping at certain distances).

Observation data used distance analyses included on-transect sightings only. Re-sightings were not used for the estimation of any variables. The sample sizes available for estimating detection functions and seabird densities are provided in Table 1.

Table 1: Summary of Seabird Surveys

Year	Survey Type	Number of Transects / Stationary Plots for Calculating Detection Function and Density Estimates
2017 – all species	Moving Platform	30
2018 – all species	Moving Platform	54
2019 – all species	Moving Platform	64
2017 to 2019 – all species	Moving Platform	148
2017 – all species	Stationary Platform	7
2018 – all species	Stationary Platform	2
2019- all species	Stationary Platform	X*
2017 to 2019 – all species	Stationary Platform	9*

* sample sizes indicate that accurate species-level densities can not be estimated.

3.0 RESULTS

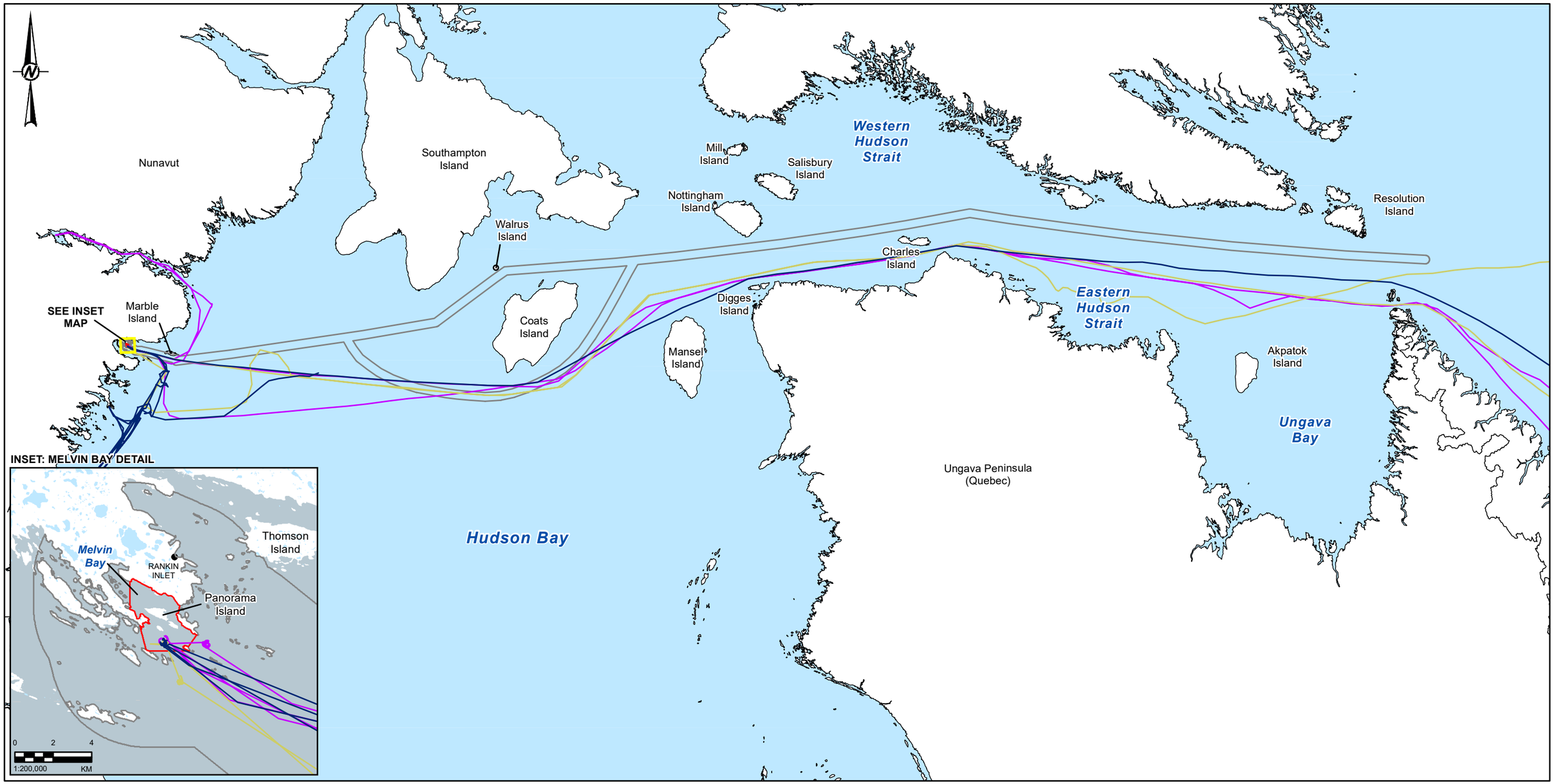
3.1 Shipping Activity

The Project was serviced by Transport Desgagnés vessels between the months of July to early November and a total of eight Transport Desgagnés vessels serviced Rankin Inlet during the 2019 shipping season (Table 2). Three Transport Desgagnés vessels serviced Rankin Inlet in July (Figure 2). In August, the vessel Rosaire A. Desgagnés was the only vessel to service Rankin Inlet (Figure 3). Two Transport Desgagnés vessels serviced Rankin Inlet in September and then six vessels serviced Rankin Inlet in October (Figures 4 and 5).The following Transport Desgagnés vessels serviced the Project twice during the 2019 shipping season; Miena Desgagnés, Nordika Desgagnés, Zelada Desgagnés, and Rosaire A. Desgagnés. Two Transport Desgagnés vessels (Acadia Desgagnés and Claude A. Desgagnés) traveled north of Coats Island during 2019 shipping season. Both vessels only had one passage north of Coats Island (Figure 4 and 5). Both passages north were made due to safety concerns for the vessel, crew and cargo due to weather and sea conditions (i.e., high winds). It is understood that all other passages were made south of Coats Islands by Transport Desgagnés per regular shipping activities.

Table 2: Summary of Transport Desgagnés Shipping Season

Vessel/ Platform Name	Month of Shipping Season			
	July	August	September	October
Miena Desgagnés	✓	-	-	✓
Nordika Desgagnés	✓	-	-	✓
Zelada Desgagnés	✓	-	-	✓
Rosaire A. Desgagnés	-	✓	-	✓
Acadia Desgagnés	-	-	✓	-
Thorco Isadora	-	-	✓	-
Claude A. Desgagnés	-	-	-	✓
Dara Desgagnés	-	-	-	✓

- = no data available



LEGEND

- MIENA DESGAGNES
- NORDIKA DESGAGNES
- ZELADA DESGAGNES
- MARINE LOCAL STUDY AREA (MARINE LSA)
- MARINE REGIONAL STUDY AREA (MARINE RSA)
- WATERBODY

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REFERENCES
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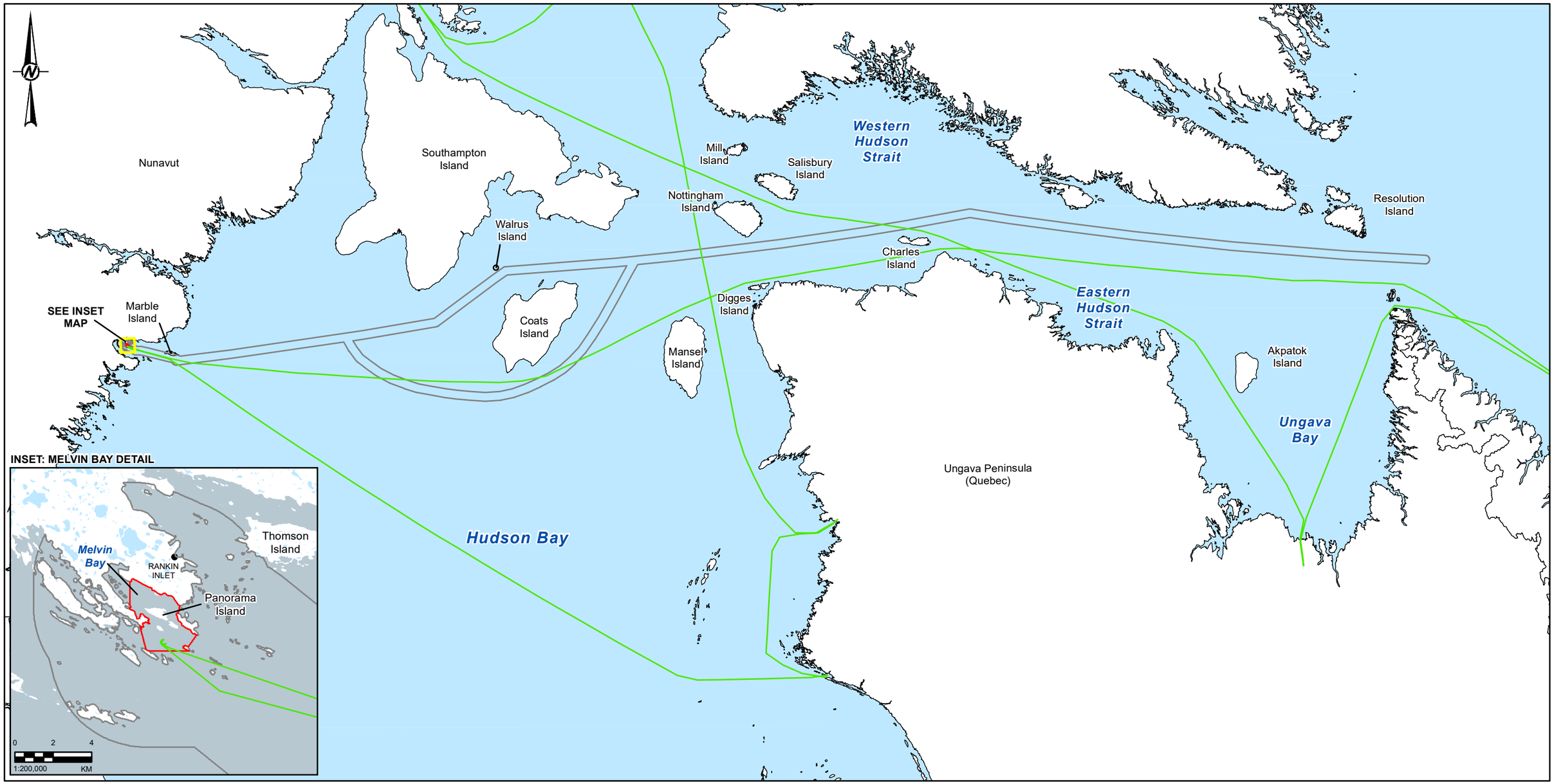

LEGEND

- ROSAIRE DESGAGNES
- MARINE LOCAL STUDY AREA (MARINE LSA)
- MARINE REGIONAL STUDY AREA (MARINE RSA)
- WATERBODY

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REFERENCES
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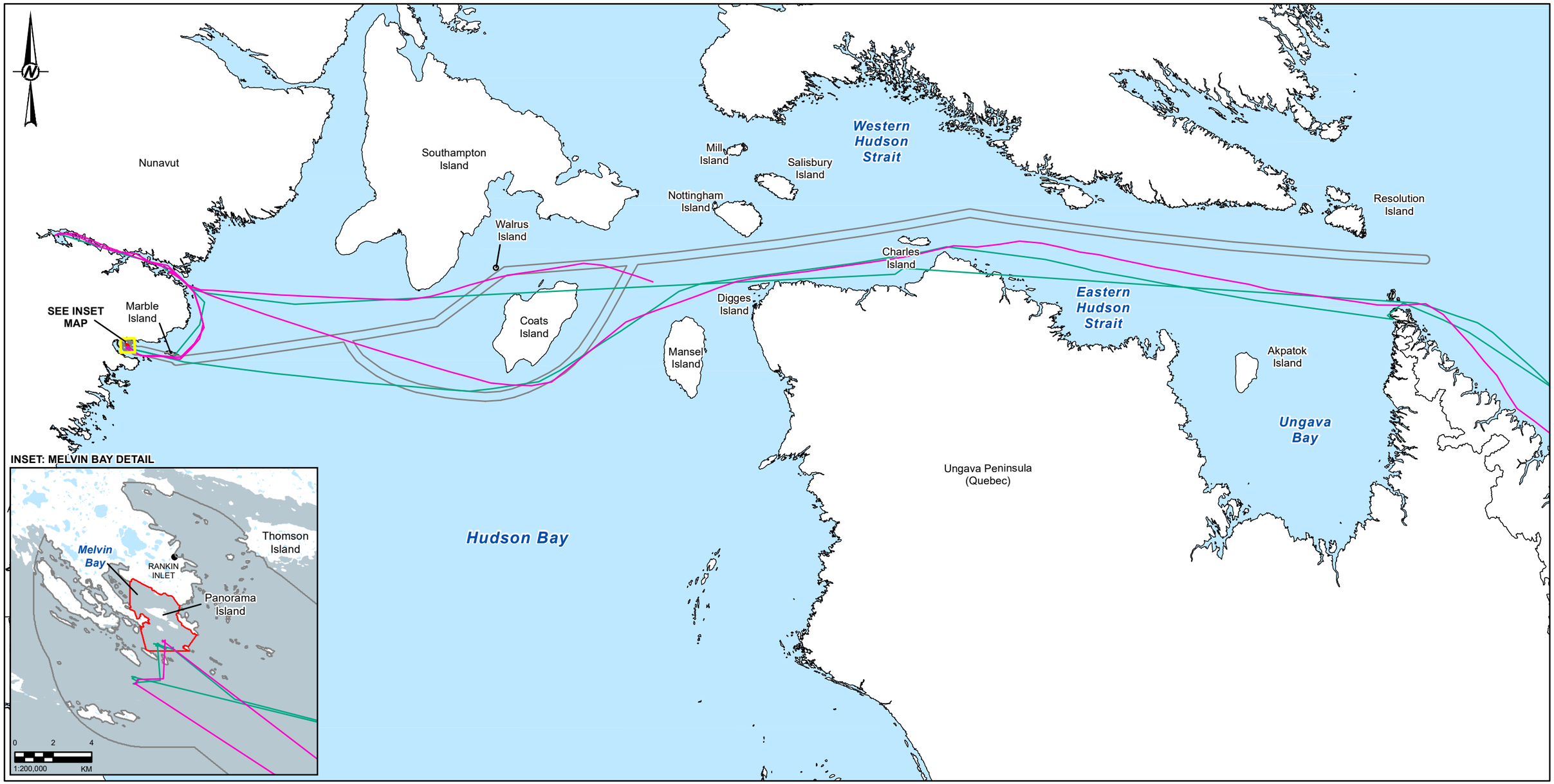

LEGEND

- ACADIA DESGAGNES
- THORCO ISADORA
- MARINE LOCAL STUDY AREA (MARINE LSA)
- MARINE REGIONAL STUDY AREA (MARINE RSA)
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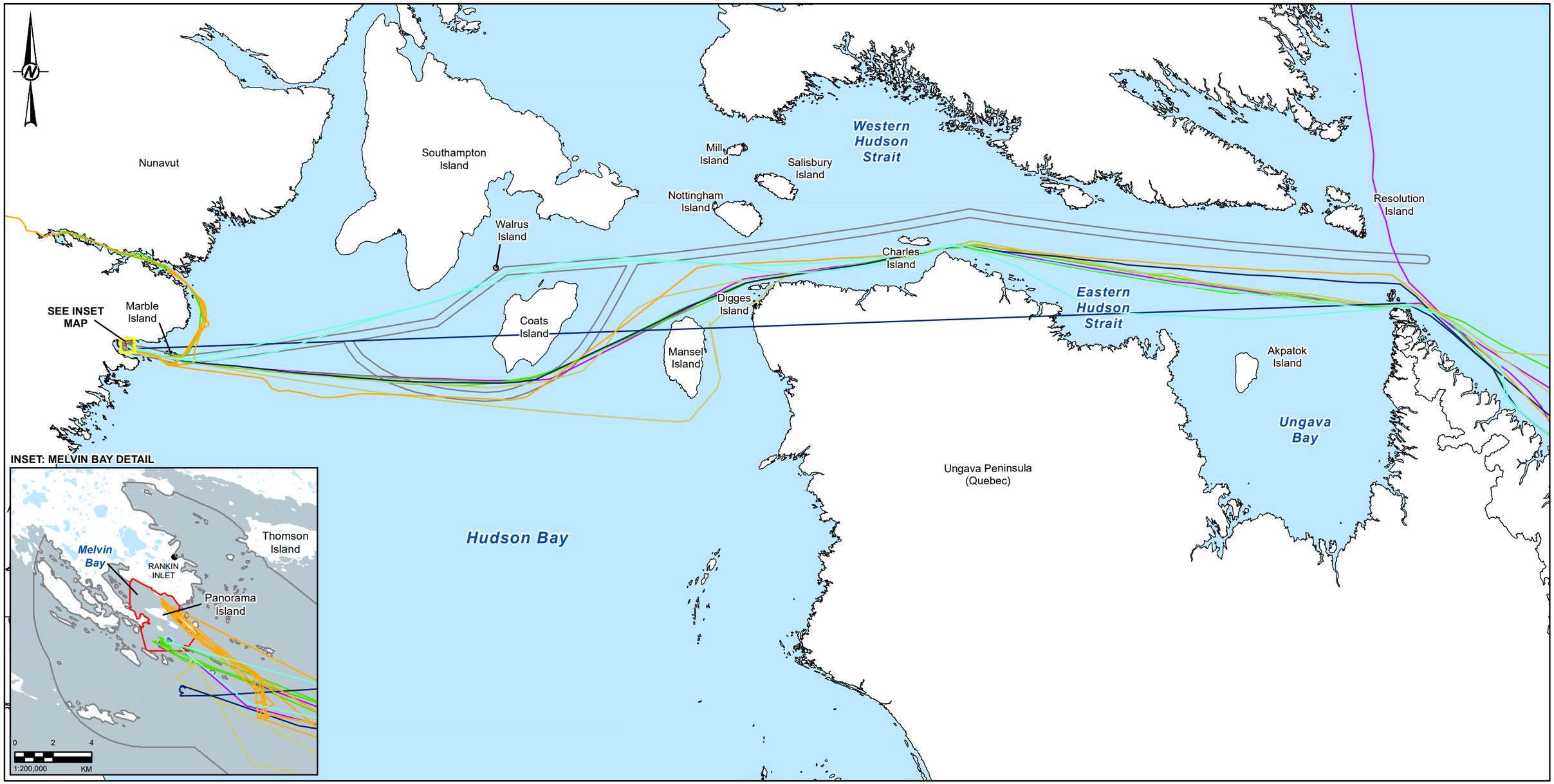

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- CLAUDE DESGAGNES
- DARA DESGAGNES
- MIENA DESGAGNES
- NORDIKA DESGAGNES
- ROSAIRE DESGAGNES
- ZELADA DESGAGNES
- MARINE LOCAL STUDY AREA (MARINE LSA)
- MARINE REGIONAL STUDY AREA (MARINE RSA)
- WATERBODY

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3.2 Marine Mammals

Marine mammal observations were recorded by Transport Desgagnés during the 2019 and 2017 shipping seasons. No observations were recorded during the 2018 shipping season. In 2019, four Transport Desgagnés vessels totalling four trips recorded MMSO data compared to two vessels in 2017 and one vessel in 2018 (Table 3). In 2019, MMSO datasheets were received for July to November compared to July to September in 2017 and June to July in 2018. No record of marine mammal-vessel interactions (e.g., strikes) were recorded by Transport Desgagnés in any years.

Table 3:MMSO Transport Desgagnés Vessels

Vessel/ Platform Name	Year of MMSO		
	2017	2018	2019
Acadia Desgagnés	✓	✓	✓ *
Claude A. Desgagnés	✓	-	-
Nordika Desgagnés	-	-	✓ *
Rosaire A. Desgagnés	-	-	✓ *
Thorco Isadora	-	-	✓ *

* Only one trip during the 2019 shipping season to Rankin Inlet

A summary of the environmental variables and marine mammal sightings recorded by Transport Desgagnés is provided in Appendix A. Datasheets for the 2017 to 2019 programs are also provided in Appendix B for reference.

3.2.1 Survey Effort

According to the observation datasheets completed by Transport Desgagnés, marine mammal observer effort in 2019 was on average greater than previous years; a total of 56.75 hours and 1,131.2 km in 2019 while transiting and a total of 21.25 hours of effort while anchored (Table 4). The total survey effort is likely greater than presented in Table 4 as many datasheets were missing survey times, dates and/or GPS coordinates and therefore could not be incorporated into the analysis.

Table 4: Survey Effort

Year of Survey	Total Temporal Effort (hr)	Total Spatial Effort (km)	Total Stationary Effort (hr)
2017	22.7	543.45	6
2018	21.5	1,514.2	-
2019	56.75	1,131.2	21.25

3.2.2 Environmental Variables and Sighting Conditions Weather

Predominant weather conditions recorded by Transport Desgagnés during the 2019 marine mammal observation program were > 50% cloud cover (with no fog, rain, or snow; 42% of survey effort) followed by < 50% cloud cover (with no fog, rain, or snow; 22% of survey effort), and patchy fog (11% of survey effort). Eighteen percent of survey effort had no recorded weather conditions (not available [n/a]; Figure 6).

Visibility recorded by Transport Desgagnés during the 2019 marine mammal observation program ranged from 2 km to 55 km, and, on average, was 22.4 km. Sea state ranged from 0 (calm, glassy) to 5 (rough). The majority of sea state conditions were recorded as 3 (slight; 41% of survey effort), followed by 1 (calm; 28% of survey effort), and 2 (smooth, wavelets; 15% of survey effort). Five percent of survey effort had no recorded sea state conditions (n/a; Figure 7A). During the marine mammal observation program in 2019, glare conditions recorded by Transport Desgagnés ranged from 0 (none) to 3 (bright and forward of vessel). The majority of glare conditions were recorded as 1 (slight/ grey; 40% of survey effort), followed by 0 (none; 35%), and 3 (bright and forward of vessel; 5%). 20% of survey effort had no recorded glare conditions (n/a; Figure 7B). In 2019, ice conditions recorded by Transport Desgagnés were 0 (less than one tenth coverage) for the entire MMSO program, however throughout 57% of survey effort no ice concentration conditions data was recorded.

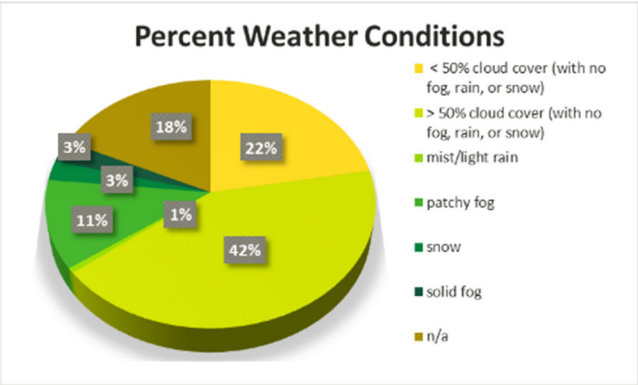


Figure 6: Percent Weather Conditions - 2019 Marine Mammal Observation Program

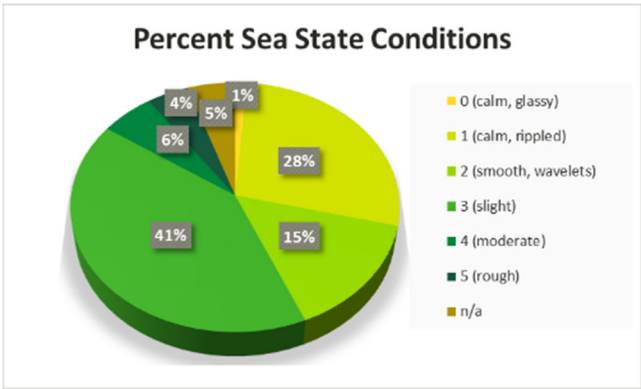


Figure 7A: Sea State Conditions – 2019 Marine Mammal Observation Program

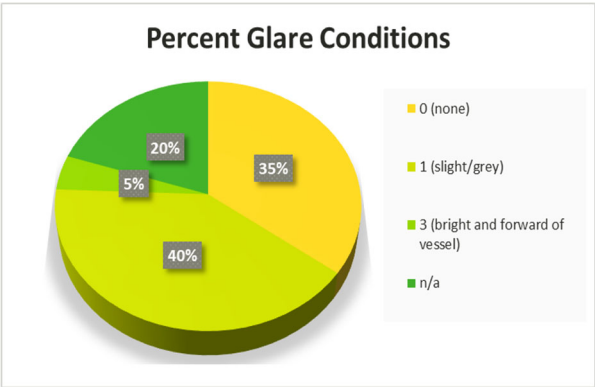


Figure 7B: Glare Conditions – 2019 Marine Mammal Observation Program

3.2.3 Sightings

Four species of marine mammals were recorded by Transport Desgagnés during the MMSO Program in 2019 compared to seven species in 2017 (none recorded in 2018). Species observed in 2019 included bowhead whale (*Balaena mysticetus),* fin whale (*Balaenoptera physalus*), harp seal (*Pagophilus groenlandicus*), and killer whale (*Orcinus orca*). No unidentified marine mammals were recorded during 2019 MMSO program. Table 5 summarizes the number of marine mammal sightings and number of individuals recorded by Transport Desgagnés during the 2017 and 2019 MMSO programs. Sightings were recorded in later months of the summer in 2019 compared to 2017. In 2019, sightings were recorded in July, August and October, while in 2017 sightings were recorded in July. Species observed in 2019 were not the same species observed in 2017. The most commonly identified species in 2019 was the killer whale (three sightings of eight individuals), followed by harp seal (one sighting of four individuals), bowhead whale (one sighting of three to four individuals), and fin whale (one sighting of one individual). While in 2017 the most commonly identified species was the Atlantic walrus (*Odobenus rosmarus rosmarus*; five sightings of 14 individuals), followed by ringed seal (*Pusa hispida*; three sightings of 12 individuals), long-finned pilot whale (*Globicephala melas*; one sighting of 10 individuals),humpback whale (*Megaptera novaeangliae*; one sighting of five individuals), and hooded seal (*Cystophora cristata;* one sighting of one individual).

Table 5: Marine Mammal Observations During the 2017 and 2019 MMSO Program

Species	Number of Sightings		Number of Individuals	
	2017	2019	2017	2019
Atlantic Walrus	5	-	14	-
Hooded Seal	1	-	1	-
Humpback Whale	1	-	5	-
Pilot Whale	1	-	10	-
Ringed Seal	3	-	12	-
Bowhead Whale	-	1	-	3–4
Fin Whale	-	1	-	1
Harp Seal	-	1	-	4
Killer Whale	-	3	-	8
Unidentified Seal Species	2	-	2	-
Unidentified Marine Mammal Species	1	-	4	-

Hooded Seal

No hooded seals were recorded in 2019. One hooded seal was recorded by Transport Desgagnés in the Eastern Hudson Strait in 2017(Figure 8; Figure 9; Table 5).

Ringed Seal

No ringed seals were recorded in 2019.Ringed seals were predominately recorded by Transport Desgagnés near Marble Island in 2017 (Figure 8; Figure 9; Table 5).

Unidentified Seal

No unidentified seals were recorded in 2019. Two unidentified seals were recorded near Melvin Bay by Transport Desgagnés in 2017(Figure 8; Figure 9; Table 5).

Long-finned Pilot Whale

No long-finned pilot whales were recorded in 2019. One pod of 10 long-finned pilot whales was recorded between Walrus Island and Coats Island by Transport Desgagné in 2017(Figure 8; Figure 9; Table 5).

Humpback Whale

No humpback whales were recorded in 2019. One group of five humpback whales was recorded by Transport Desgagnés in 2017 (Figure 8; Figure 9; Table 5).

Atlantic Walrus

No Atlantic walruses or large walrus haul-outs were recorded in 2019. Atlantic walruses were recorded by Transport Desgagnés primarily in Eastern Hudson Strait in 2017 (Figure 8; Figure 9; Table 5).

Bowhead Whale

One sighting of 3–4 bowhead whales was recorded by Transport Desgagnés in the Eastern Hudson Strait in 2019 (Figure 8; Figure 9; Table 5). No bowhead whales were recorded in 2017.

Fin Whale

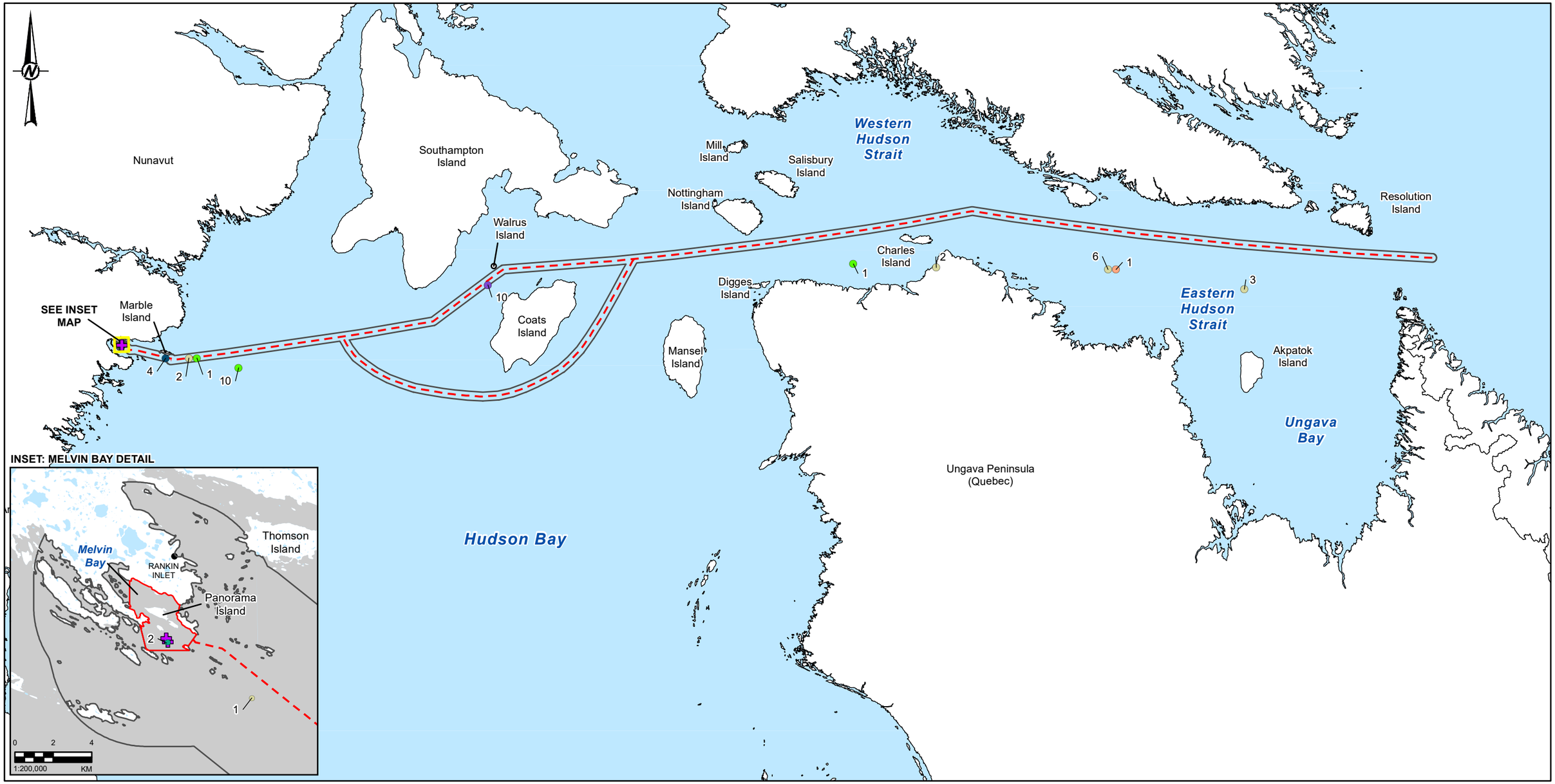
A single fin whales was recorded by Transport Desgagnés in the Eastern Hudson Strait in 2019 (Figure 8; Figure 9; Table 5). No fin whales were recorded in 2017.

Harp Seal

One sighting of four harp seals was recorded by Transport Desgagnés in between Coats Island and Mansel Island in 2019 (Figure 8; Figure 9; Table 5). No harp seals were recorded in 2017.

Killer Whale

Killer whales were recorded by Transport Desgagnés in the Eastern Hudson Strait and near Charles Island in the Western Hudson Strait in 2019 (Figure 8; Figure 9). Three sightings totalling eight killer whales were recorded (Table 5).). Group sizes ranged from a single animal to a group of four individuals. No killer whales were recorded in 2017.



LEGEND

SPECIES (2017)

- ATLANTIC WALRUS
- HOODED SEAL
- PILOT WHALE
- RINGED SEAL
- UNIDENTIFIED SEAL
- UNIDENTIFIED MARINE MAMMAL

- ANCHOR LOCATION (2017)
- SHIPPING ROUTE (APPROXIMATE)
- MARINE REGIONAL STUDY AREA (MARINE RSA)
- MARINE LOCAL STUDY AREA (MARINE LSA)
- WATERBODY

0 100 200
1:4,500,000 KILOMETRES

NOTES

1. SPECIES SIGHTINGS ANNOTATED WITH SURVEY COUNT.

REFERENCES

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2. MARINE MAMMAL SIGHTINGS DATA COLLECTED BY TRANSPORT DESGAGNÉS AND PROVIDED BY AGNICO EAGLE; M. THERIAULT. 2019. PERSONAL COMMUNICATION – EMAIL FROM M. THERIAULT OF AGNICO EAGLE DATED AUGUST TO DECEMBER 2019 TO KATELYN ZOTTENBERG OF NUQSANA GOLDER.

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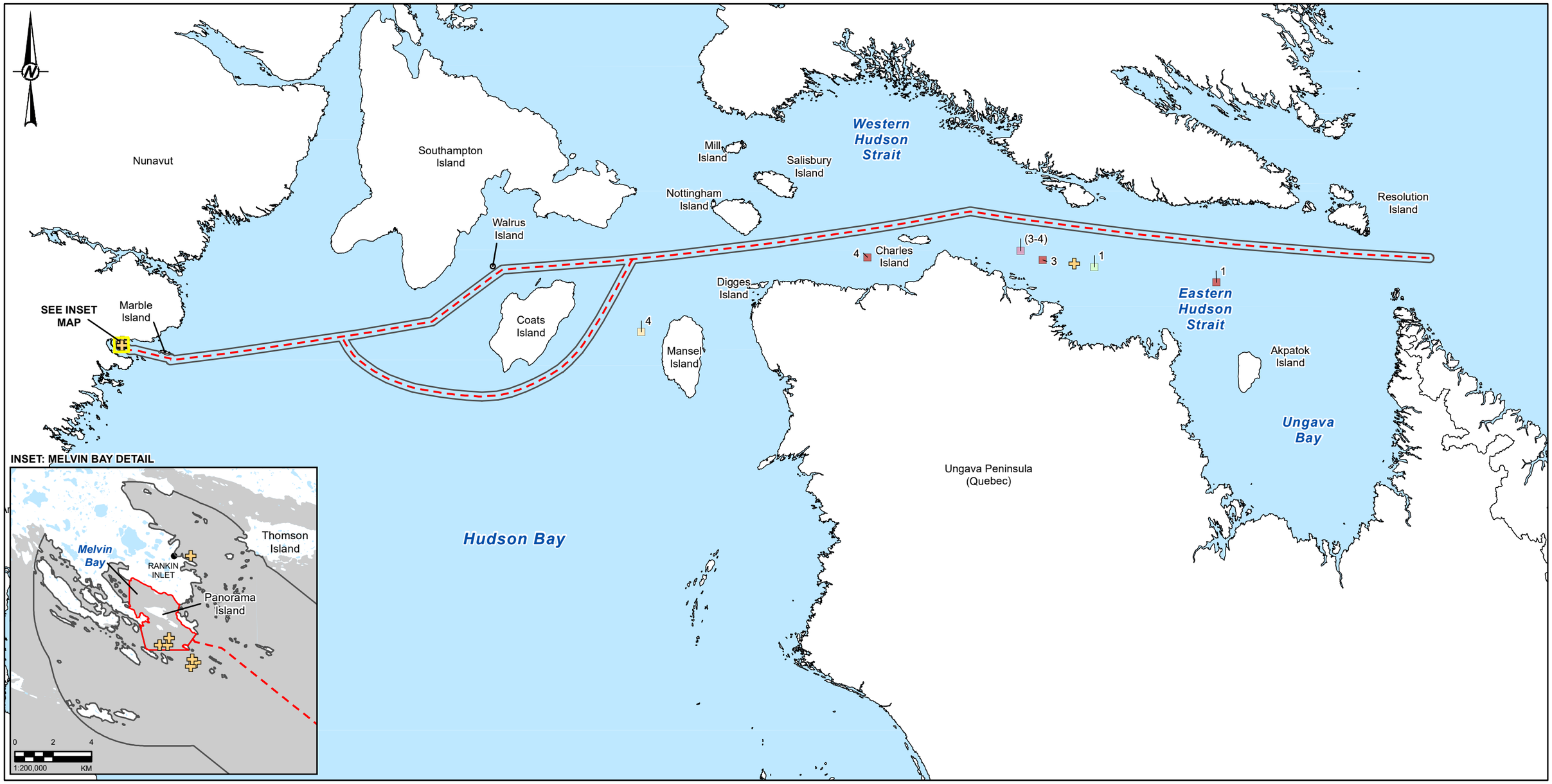

LEGEND

SPECIES (2019)
- BOWHEAD WHALE
- FIN WHALE
- HARP SEAL
- KILLER WHALE

- ANCHOR LOCATION (2019)
- SHIPPING ROUTE (APPROXIMATE)
- MARINE REGIONAL STUDY AREA (MARINE RSA)
- MARINE LOCAL STUDY AREA (MARINE LSA)
- WATERBODY

0 100 200
1:4,500,000 KILOMETRES

NOTES
1. SPECIES SIGHTINGS ANNOTATED WITH SURVEY COUNT.

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3.3 Seabirds

Seabird monitoring was completed by Transport Desgagnés daily on the dates presented in Table 6. No seabird interactions (e.g., strikes) with vessels were recorded by Transport Desgagnés during the 2017, 2018 and 2019 MMSO programs. Data sheets for seabird monitoring recorded by Transport Desgagnés are provided in Appendix B.

Table 6: Dates of Seabird Monitoring in 2017, 2018, and 2019

Year	Survey Dates
2017	26 June to 24 July
2018	30 June
	17 July to 4 August
	11 to 21 September
	20 October
	23 October
2019	26 and 27 June
	3 to 6 July
	9 and 10 July
	14 July
	17 to 20 July
	24 July
	31 July to 2 August
	5 to 8 August
	13 to 15 August
	23 August
	29 August
	30 September to 16 October
	28 to 31 October

3.3.1 Survey Effort

Survey effort for moving and stationary platform seabird surveys in 2017, 2018, and 2019 are presented in Table 7. There was considerably more survey effort in 2019 compared to 2017 and 2018.

Table 7: Survey Effort for Seabirds in 2017, 2018, and 2019

Year of Survey	Total Moving Platform Temporal Effort (hr)	Total Moving Platform Spatial Effort (km)	Total Number of Stationary Platform Plots Surveyed	Total Stationary Platform Effort (hr)
2017	16	443	2	7
2018	18	390	1	1
2019	98	1,940	7	44

3.3.2 Surveys from Moving Platforms

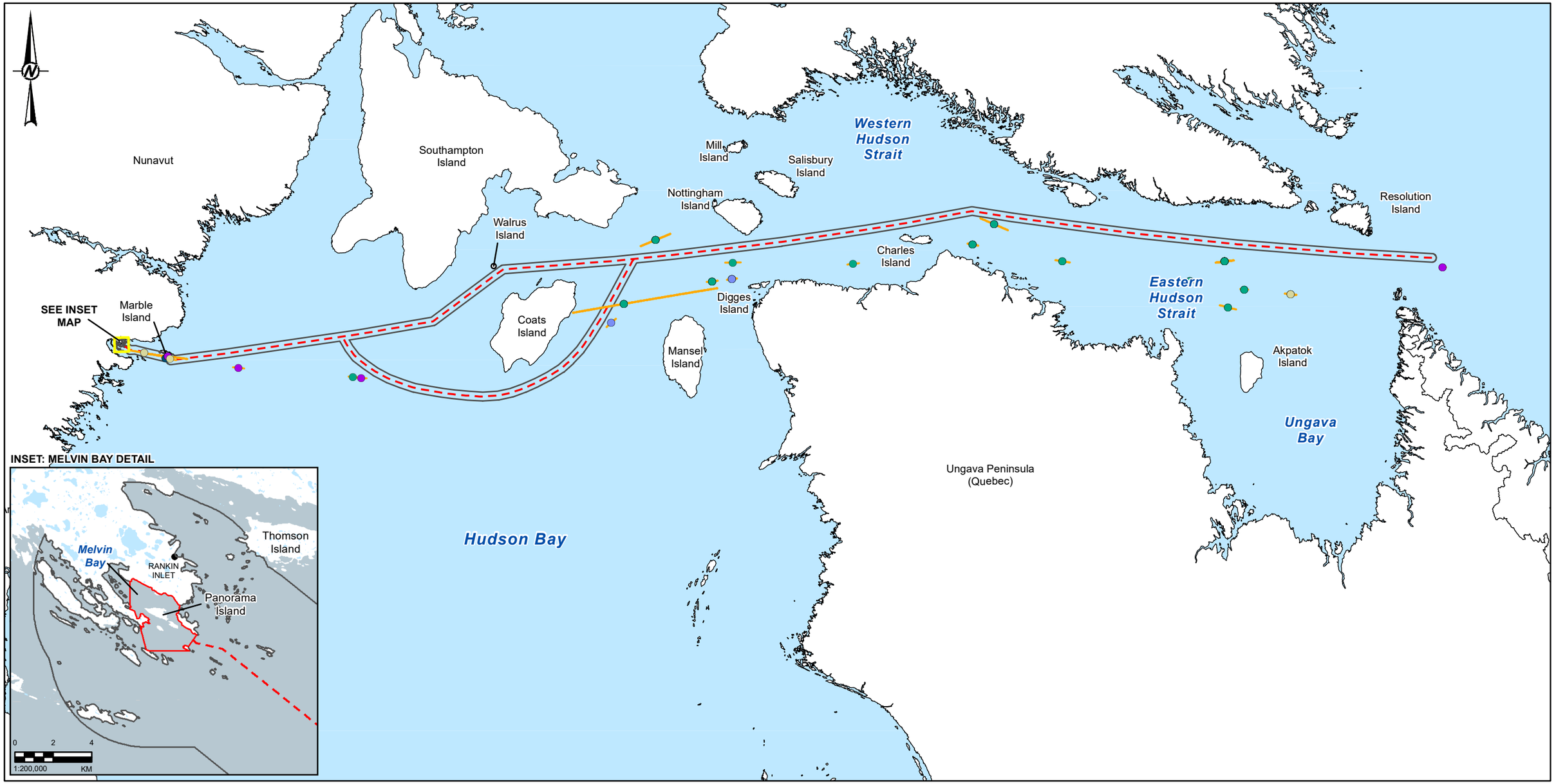
3.3.2.1 Species Richness and Abundance

A total of 18 seabird species were identified during moving platform surveys in 2019. Herring gull (*Larus argentatus*) was the most numerous species observed followed by thick-billed murre (*Uria lomvia*) and northern fulmar (*Fulmarus glacialis*) (Table 8). An additional 172 individuals from five unidentified species groups were also observed during moving platform surveys in 2019.

A total of 20 identified species have been observed during all moving platform surveys reported from 2017 to 2019 (Table 8; Figures 10–13). Three seabird species have been recorded in all survey years (common eider [*Somateria mollissima*], dovekie [*Alle alle*], and thick-billed murre). Thick-billed murre has been commonly observed in all survey years (Table 8). Ivory gull (*Pagophila eburnea*), which is an endangered species in Nunavut (SARA 2020), wasonly observed in 2018 (Table 8; Figure 11). Considerably more species and individuals were observed in 2019 (Table 8) due to greatly increased survey effort in 2019 vs 2017 and 2018 (see Section 3.2.1).

Table 8: Seabirds Observed During Moving Platform Surveys, 2017 to 2019

Common Name	Scientific Name	Number of Individuals Observed		
		2017	2018	2019
Black guillemot	*Cepphus grylle*	0	71	14
Black-legged kittiwake	*Rissa tridactyla*	0	0	12
Black scoter	*Melanitta americana*	0	0	4
Common eider	*Somateria mollissima*	4	3	12
Common loon	*Gavia immer*	0	0	32
Common murre	*Uria aalge*	0	0	40
Dovekie	*Alle alle*	19	43	27
Glaucous gull	*Larus hyperboreus*	0	88	93
Herring gull	*Larus argentatus*	0	0	295
Iceland gull	*Larus glaucoides*	14	77	0
Ivory gull	*Pagophila eburnea*	0	2	0
Long-tailed duck	*Clangula hyemali*	0	3	4
Long-tailed jaeger	*Stercorarius longicaudus*	0	0	6
Manx shearwater	*Puffinus puffinus*	0	0	3
Northern fulmar	*Fulmarus glacialis*	0	43	201
Pomarine jaeger	*Stercorarius pomarinus*	0	1	7
Sabine's gull	*Xema sabini*	0	3	1
Thick-billed murre	*Uria lomvia*	142	138	228
Thayer's gull	*Larus thayeri*	0	0	5
Wilson's storm-petrel	*Oceanites oceanicus*	0	25	8
	Total	**179**	**497**	**992**



LEGEND

SPECIES (2017)

- ICELAND GULL
- COMMON EIDER
- DOVEKIE
- DUCK SP.
- GULL SP.
- JAEGER SP.
- THICK-BILLED MURRE
- UNIDENTIFIED SEABIRD

- SEABIRD TRANSECT
- SHIPPING ROUTE (APPROXIMATE)
- MARINE REGIONAL STUDY AREA (MARINE RSA)
- MARINE LOCAL STUDY AREA (MARINE LSA)
- WATERBODY

0 100 200
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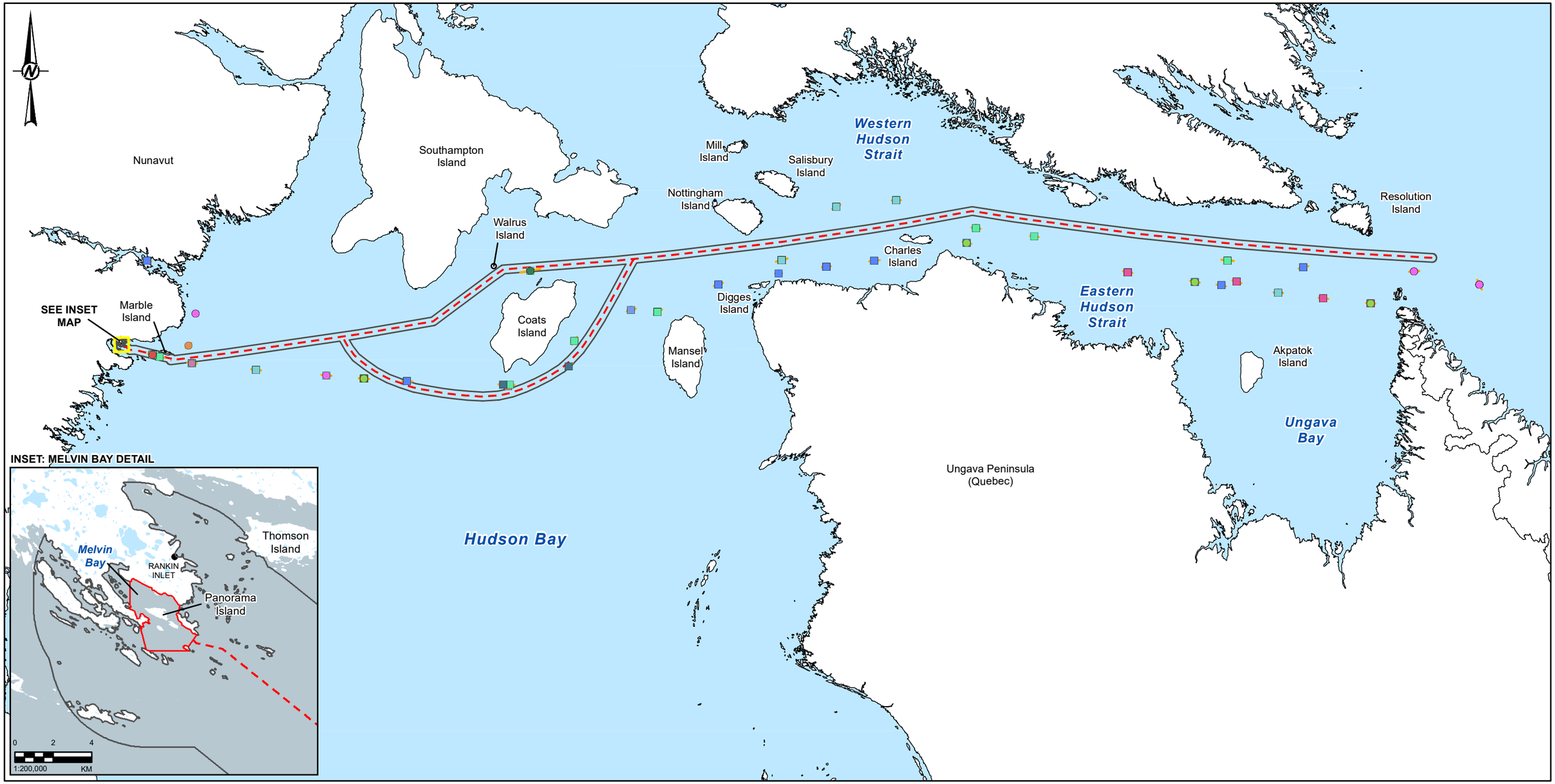

LEGEND

SPECIES (2018)

- BLACK GUILLEMOT
- COMMON EIDER
- COMMON LOON
- DOVEKIE
- DUCK SP.
- GLAUCOUS GULL
- GULL SP.
- HARLEQUIN DUCK
- ICELAND GULL
- IVORY GULL
- JAEGER SP.
- LONG-TAILED DUCK
- LONG-TAILED JAEGER
- NORTHERN FULMAR
- POMARINE JAEGER
- SABINE'S GULL
- THICK-BILLED MURRE
- WILSON'S STORM-PETREL
- UNIDENTIFIED SEABIRD
- SEABIRD TRANSECT
- SHIPPING ROUTE (APPROXIMATE)
- MARINE REGIONAL STUDY AREA (MARINE RSA)
- MARINE LOCAL STUDY AREA (MARINE LSA)
- WATERBODY

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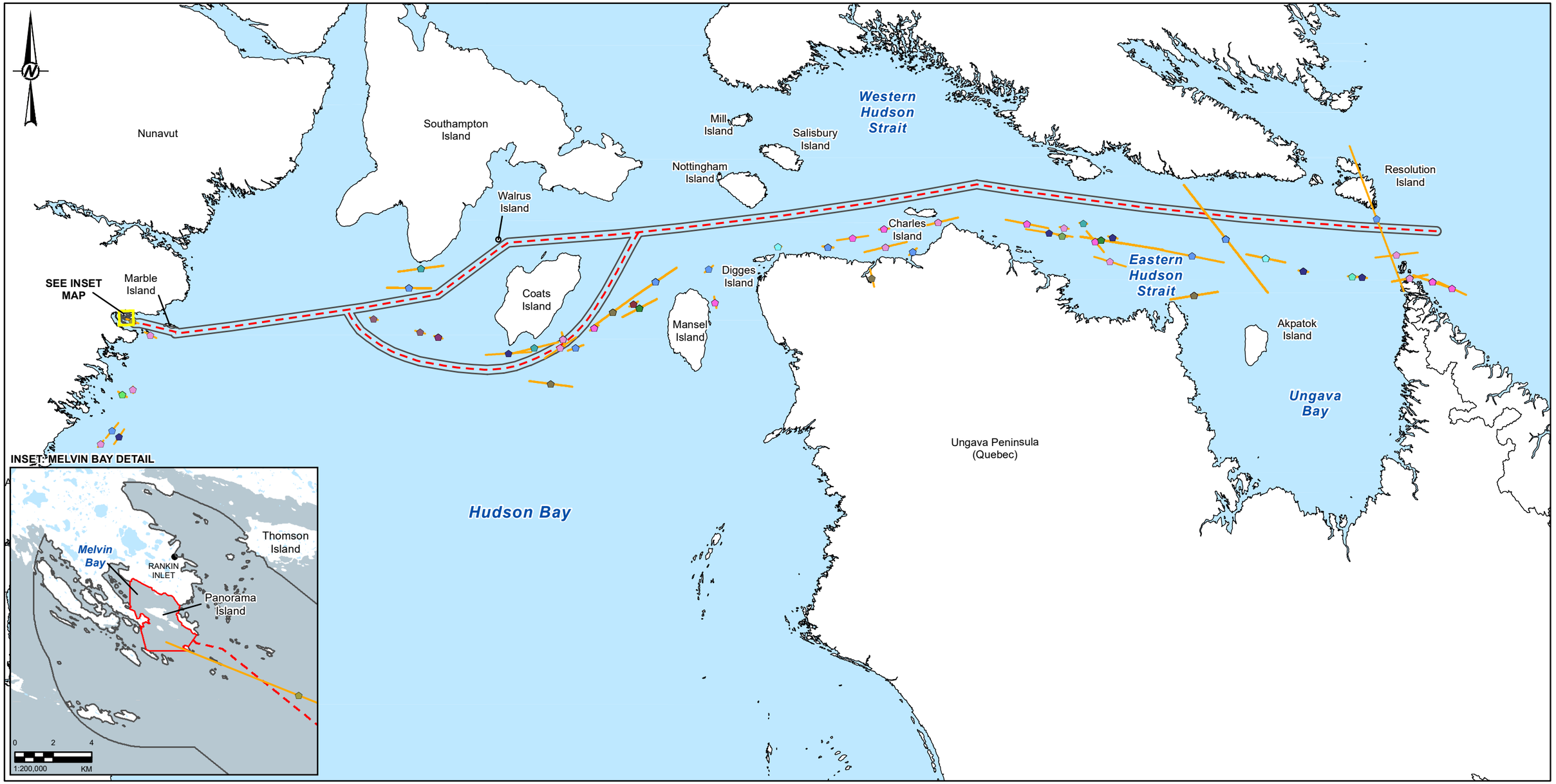

LEGEND

SPECIES (2019)

- BLACK GUILLEMOT
- BLACK SCOTER
- BLACK-LEGGED KITTIWAKE
- COMMON EIDER
- COMMON LOON
- COMMON MURRE
- DOVEKIE
- GLAUCOUS GULL
- GULL SP.
- HERRING GULL
- LEACH'S STORM-PETREL
- LONG-TAILED DUCK
- LONG-TAILED JAEGER
- MANX SHEARWATER
- NORTHERN FULMAR
- POMARINE JAEGER
- THAYER'S GULL
- THICK-BILLED MURRE
- WILSON'S STORM-PETREL
- UNIDENTIFIED DUCK SP.
- UNIDENTIFIED GULL SP.
- UNIDENTIFIED SEABIRD
- SEABIRD TRANSECT
- SHIPPING ROUTE (APPROXIMATE)
- MARINE REGIONAL STUDY AREA (MARINE RSA)
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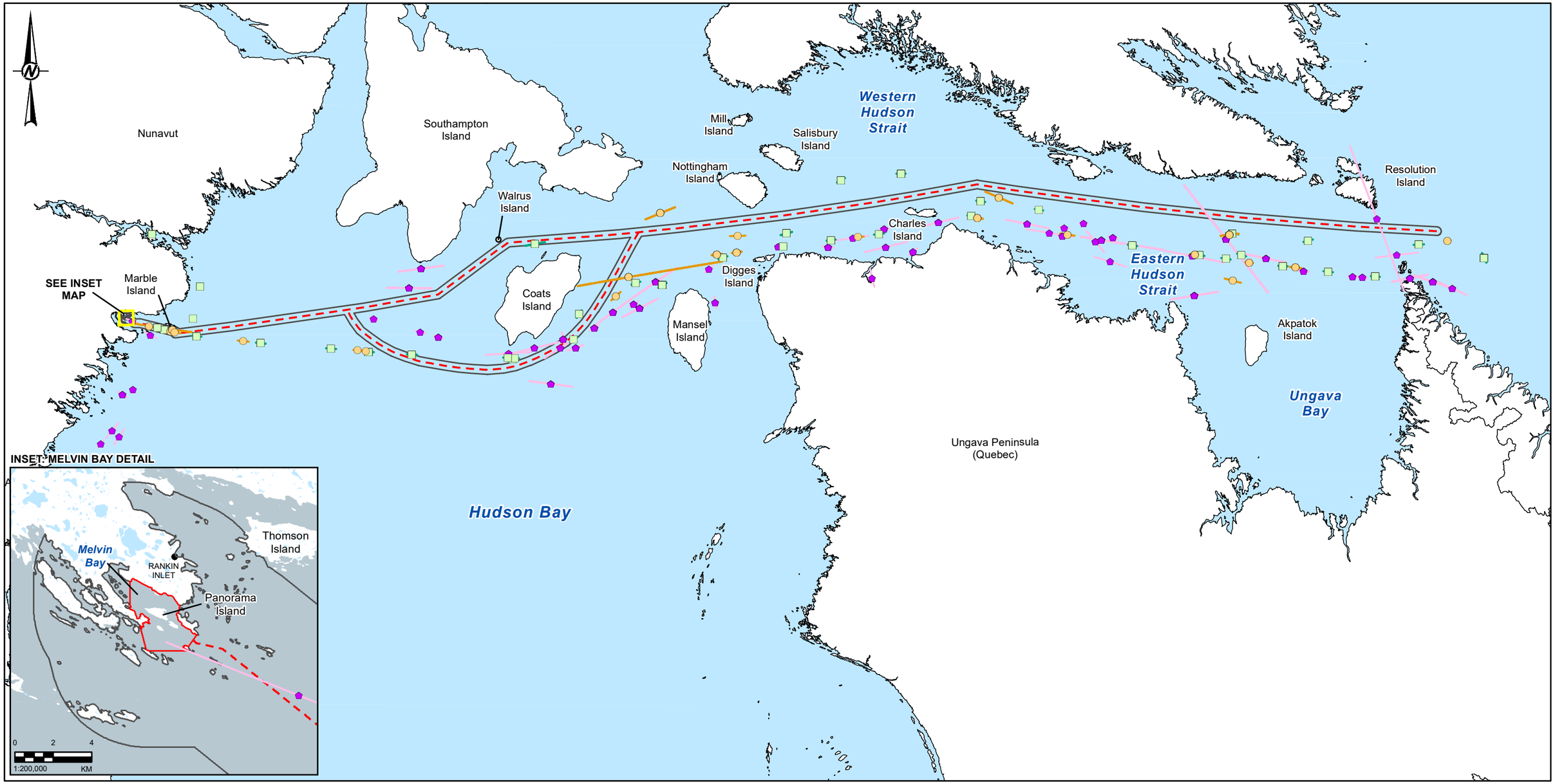

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- SEABIRD TRANSECT (2018)
- SEABIRD TRANSECT (2019)
- SHIPPING ROUTE (APPROXIMATE)
- MARINE REGIONAL STUDY AREA (MARINE RSA)
- MARINE LOCAL STUDY AREA (MARINE LSA)
- WATERBODY

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3.3.2.2 Detection Probability and Density Estimate

3.3.2.2.1 2019

For the initial step in determining density, the detection distribution with the best fit to the sightings data was determined. The hazard rate model with hermite polynomial expansion had the lowest AIC score for the 2019 moving platform dataset. Having the lowest AIC score of all detection distributions evaluated meant it was the most appropriate to use. Based on this detection function, the overall probability of detecting seabirds during moving platform surveys in 2019 was estimated to be 0.24 (95% Confidence Interval [CI]: 0.17 to 0.34) (Table 9). This is lower than the overall probability of detecting seabirds during moving platform surveys in 2017 and 2018, which was estimated to be 0.43 (95% CI: 0.39 to 0.48).

Table 9: Density Estimate and 95% Confidence Intervals for Seabirds Observed Along Moving Platform Surveys in 2019

Model, AIC Score	Sample Size	Density Estimate (individuals/km^2)	95% Confidence Interval (individuals/km^2)
Hazard-rate, 379.87	64	0.24	0.17 to 0.34

km^2 = square kilometres; AIC = Akaike's Information Criteria.

3.3.2.2.2 2017 to 2019

The hazard rate model with hermite polynomial expansion had the lowest AIC score for all moving platform data (2017 to 2019). Based on this detection function, the overall probability of detecting seabirds during moving platform surveys in 2017 and 2019 was estimated to be 0.2 (95% Confidence Interval [CI]: 0.2 to 0.3).

The density estimate of seabirds was 1.07 birds/km^2, 2.27 birds/km^2, and 0.98 birds/ km^2 in 2017, 2018 and 2019, respectively (Table 10). The analysis of the 2017 data may be inaccurate as the sample size for this year is small (Table 7; Buckland et al. 2001).

Table 10: Density Estimates and 95% Confidence Intervals for Seabirds Observed Along Moving Platform Surveys in 2017 through 2019

Year	Model, AIC Score	Sample Size	Density Estimate (individuals/km^2)	95% Confidence Interval (individuals/km^2)
2017	Hazard-rate, 738.4	30	1.07	0.42 to 2.78
2018		54	2.27	1.31 to 3.92
2019		64	0.98	0.63 to 1.53

AIC = Akaike's Information Criteria.

Thick-billed murre is the only seabird species with sufficient sample size to complete density estimates. The hazard rate model with simple polynomial expansion had the lowest AIC score for all thick-billed murre observations (2017 to 2019). The overall detection probability for thick-billed murre from 2017 to 2019 is 0.33 (95% CI: 0.27 to 0.40). Thick-billed murre was predicted to have an overall density of 0.69 birds/km^2 (95% CI: 0.41 to 1.16).

Density estimates were not generated per year for individual seabird species because the low sample sizes would yield inaccurate results (Buckland et al. 2001).

3.3.3 Surveys from Stationary Platforms

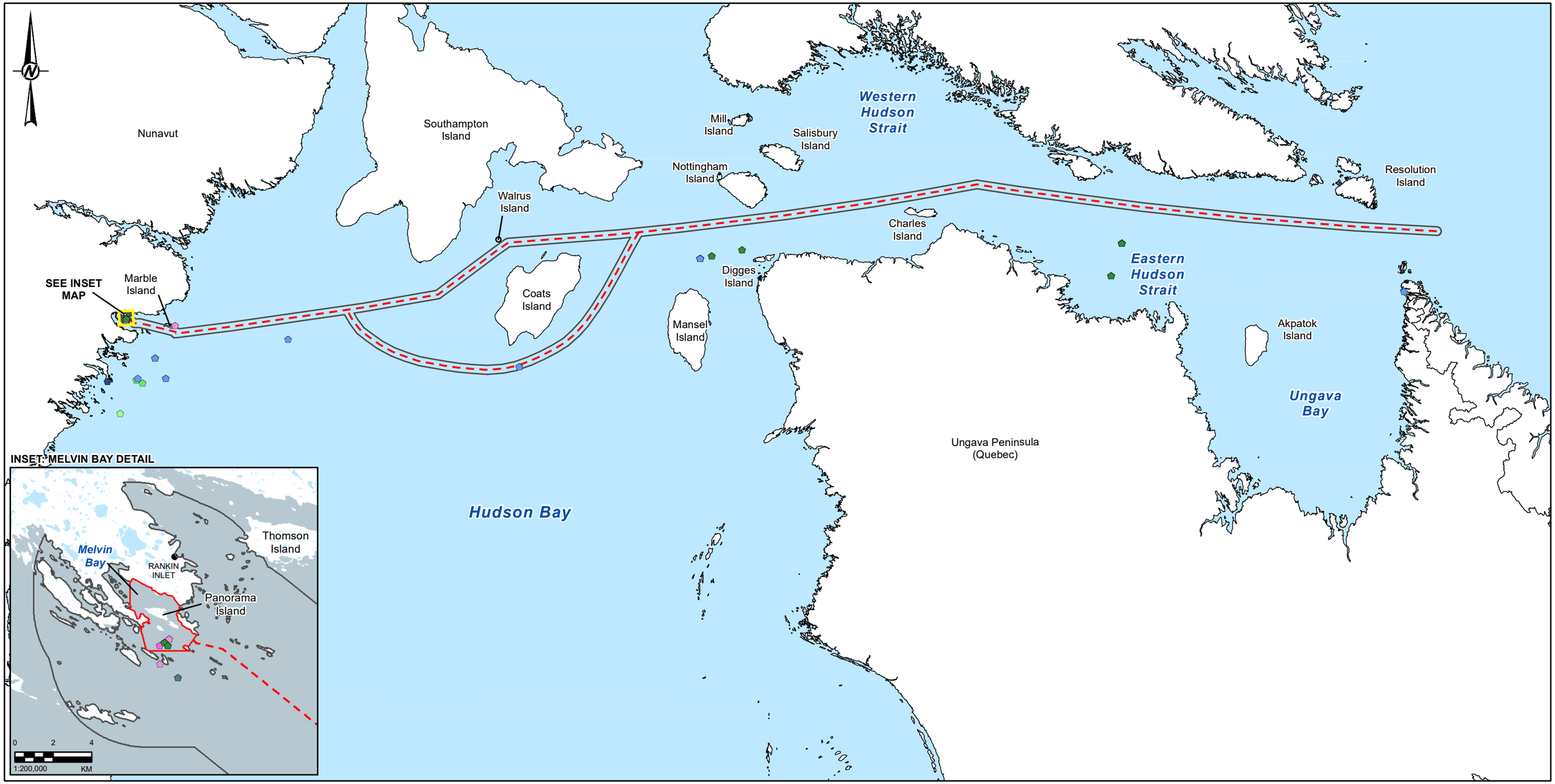
3.3.3.1 Species Richness and Abundance

Thirteen identified seabird species were recorded during stationary platform surveys in 2019 (Table 11; Figure 14). An additional 73 individuals from four unidentified species groups were also observed in 2019. When compared to results from 2017 and 2018, there were many more species and individuals recorded in 2019. This can be attributed to the greatly increased survey effort completed in 2019 compared to 2017 and 2018 (Figure 15; see Section 3.2.1).

Thick-billed murre was the most abundant species observed in 2017, while glaucous gull was the most abundant species observed in 2018 and 2019 and the second most abundant species recorded in 2017 (Table 9). Iceland gull has only been observed in 2017.

Table 11: Seabirds Observed During Stationary Platform Surveys, 2017 to 2019

Common Name	Scientific Name	Number of Individuals Observed		
		2017	2018	2019
Black guillemot	*Cepphus grylle*	0	0	11
Black scoter	*Melanitta americana*	0	0	22
Common eider	*Somateria mollissima*	5	4	4
Common goldeneye	*Bucephala clangula*	0	0	3
Common murre	*Uria aalge*	0	0	2
Dovekie	*Alle alle*	0	0	3
Glaucous gull	*Larus hyperboreus*	9	14	132
Herring gull	*Larus argentatus*	0	0	22
Iceland gull	*Larus glaucoides*	5	0	0
Long-tailed duck	*Clangula hyemali*	0	0	4
Northern fulmar	*Fulmarus glacialis*	0	0	103
Pomarine jaeger	*Stercorarius pomarinus*	0	0	1
Thick-billed murre	*Uria lomvia*	17	0	33
Thayer's gull	*Larus thayeri*	0	0	5
	Total	**36**	**18**	**345**



LEGEND

SPECIES (2019)

- BLACK GUILLEMOT
- BLACK SCOTER
- COMMON EIDER
- COMMON GOLDENEYE
- COMMON MURRE
- GLAUCOUS GULL
- HERRING GULL
- NORTHERN FULMAR
- POMARINE JAEGER
- SABINE'S GULL
- THAYER'S GULL
- THICK-BILLED MURRE
- UNIDENTIFIED SEABIRD
- SHIPPING ROUTE (APPROXIMATE)
- MARINE REGIONAL STUDY AREA (MARINE RSA)
- MARINE LOCAL STUDY AREA (MARINE LSA)
- WATERBODY

0 100 200
1:4,500,000 KILOMETRES

REFERENCES

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CLIENT
AGNICO EAGLE MINES LIMITED

PROJECT
MELIADINE GOLD PROJECT
NUNAVUT

CONSULTANT
GOLDER

YYYY-MM-DD	2020-04-01
DESIGNED	KB/DC
PREPARED	CC/CDB
REVIEWED	KB
APPROVED	CDM

TITLE
DISTRIBUTION OF SEABIRDS OBSERVED DURING STATIONARY PLATFORM SURVEYS, 2019

PROJECT NO.	CONTROL	REV.	FIGURE
19122039	5000	0	14

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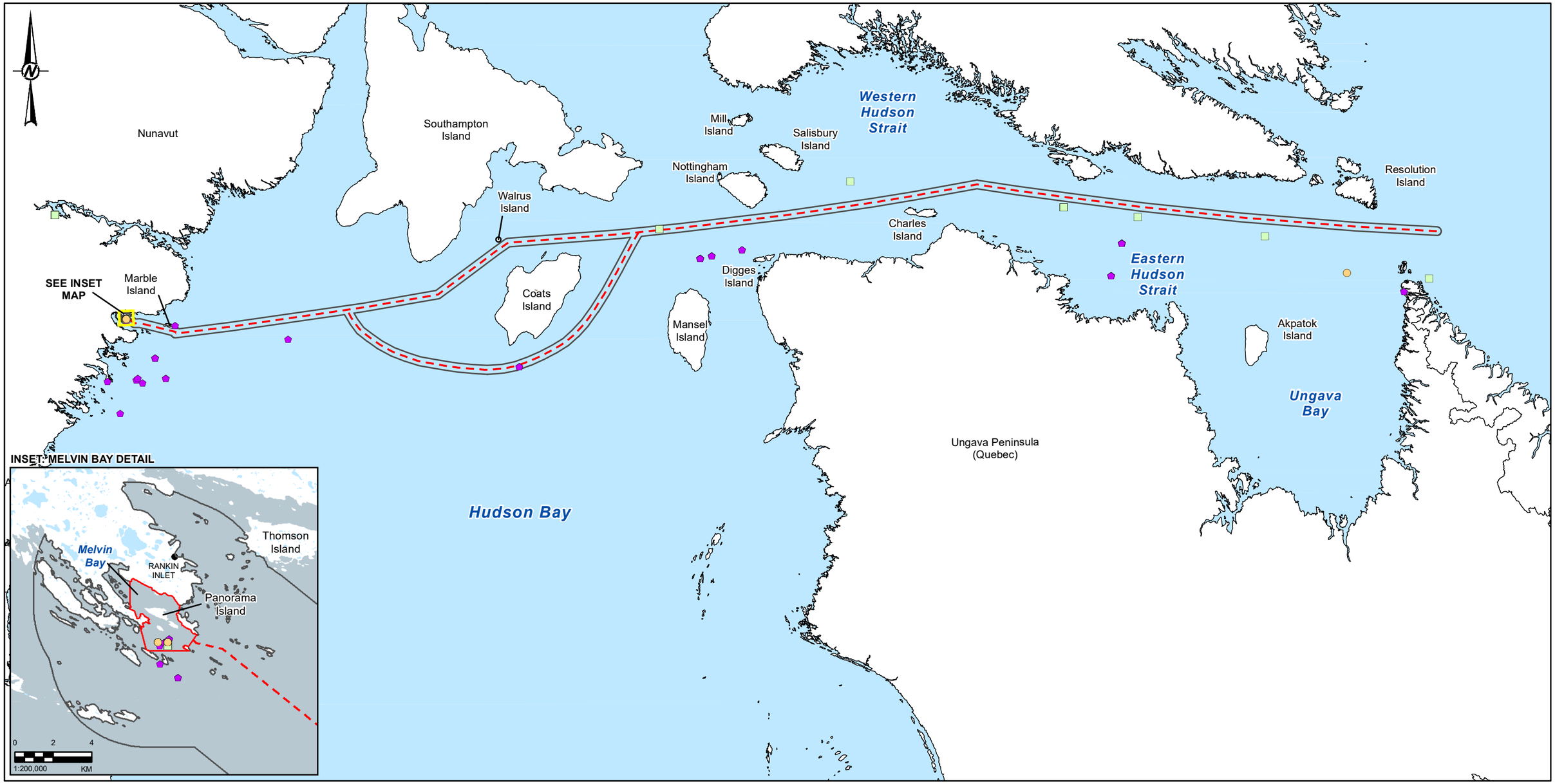

LEGEND

- SEABIRDS OBSERVED IN 2017
- SEABIRDS OBSERVED IN 2018
- SEABIRDS OBSERVED IN 2019
- SHIPPING ROUTE (APPROXIMATE)
- MARINE REGIONAL STUDY AREA (MARINE RSA)
- MARINE LOCAL STUDY AREA (MARINE LSA)
- WATERBODY

0 100 200
1:4,500,000 KILOMETRES

REFERENCES
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NUNAVUT

CONSULTANT
GOLDER

YYYY-MM-DD	2020-04-01
DESIGNED	KB/DC
PREPARED	CC/CDB
REVIEWED	KB
APPROVED	CDM

TITLE
DISTRIBUTION OF SEABIRDS OBSERVED DURING STATIONARY PLATFORM SURVEYS, 2017 TO 2019

PROJECT NO.	CONTROL	REV.	FIGURE
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3.3.3.2 Detection Probability and Density Estimate

A detection probability and density estimate could not be generated for stationary platform data due to limited sample size (Buckland et al. 2001).

4.0 DISCUSSION

The objective of this report is to present a summary of the MMSO data collected by Transport Desgagnés during the 2019 MMSO program to support Agnico Eagle's 2019 annual report to the NIRB. Results from the 2017 and 2018 programs are also provided as a comparison between years.

The 2019 MMSO program was conducted by Transport Desgagnés. Observations were recorded over a longer period in 2019 (July to November) compared to 2017 (July to September) and 2018 (June to July). Overall, a greater total survey effort was conducted during the 2019 program than in 2017 and 2018; total of 56.75 hours and 1,131.2 km in 2019 and 21.25 hours of effort while anchored compared to a total of 22.7 hours, 543.45 km and 6 hours of effort while anchored in 2017 and a total of 21.5 hours and 1,514.2 km in 2018. In addition, datasheets were obtained from four participating vessels in 2019 which was greater than in previous years (two in 2017 and one in 2018). In addition, the marine mammal species recorded in 2019 (bowhead whale, fin whale, harp seal, and killer whale) were not the same species recorded in 2017 (Atlantic walrus, ringed seal, long-finned pilot whale, and humpback whale). However, sightings in both 2017 and 2019 were primarily recorded in the Eastern Hudson Strait. There were not enough marine mammal sightings recorded to conduct a density analysis. No marine mammal-vessel interactions (e.g., strikes) were recorded by Transport Desgagnés in 2019, 2018 or 2017.

Environmental variables during the 2019 program were recorded for weather conditions, visibility, sea state, glare and ice conditions. Summaries of the environmental conditions recorded during the marine mammal monitoring indicated relatively consistent conditions for each of the variables recorded. Environmental conditions were not separately summarized for seabird monitoring but are anticipated to be similar since the MMSO protocol is to alternate between seabird surveys and marine mammal monitoring throughout daily monitoring activities (Agnico Eagle 2018).

A total of 20 seabird species have been recorded by Transport Desgagnés on moving platform transects from 2017 to 2019. Observations of seabirds from moving platform surveys are variable between years but are much higher in 2019 due to greatly increased survey effort in this year. Three species have been reported in all survey years (common eider, dovekie, and thick-billed murre), with thick-billed murre being the most commonly recorded species observed in all years. Overall, densities of seabirds (all species pooled) from moving platforms are low regardless of year.

A total of 14 seabird species have been recorded during stationary platform surveys from 2017 to 2019. Considerably more species and individuals were recorded in 2019 because of the greatly increased survey effort in 2019 versus 2017 and 2018.

A total of eight Transport Desgagnés vessels serviced the Project via Rankin Inlet between July to early November during the 2019 shipping season. Four of the eight vessels serviced Rankin Inlet twice during the shipping season. Two Transport Desgagnés vessels (*Acadia Desgagnés* and *Claude A. Desgagnés*) traveled north of Coats Island during 2019 shipping season. Each vessel only had one passage north of Coats Island. In both cases the passage north was made due to safety concerns for the vessel, crew and cargo due to weather and sea conditions (i.e., high winds).

No interactions between vessels and seabirds were recorded during the MMSO in 2017, 2018, or 2019.

5.0 CLOSURE

We trust this information is sufficient for your needs at this time. Should you have any questions or concerns, please do not hesitate to contact the undersigned at 604-296-4200.

Golder Associates Ltd.

Original Signed

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Reviewed by:

Original Signed

Corey De La Mare, PBiol
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LD/KB/CLT/CDLM/asd

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https://golderassociates.sharepoint.com/sites/111100/project files/6 deliverables/19122039-748-r-rev0/19122039-748-r-rev0-mmso 1apr_20.docx

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APPENDIX A

Summary of Marine Mammal Sightings and Environmental Variables Recorded by Transport Desgagnés for the 2017, 2018 and 2019 Shipping Season

Table A-1: MMSO 2017 Program Observations

Company/Agency	Platform Name and Type	Observer(s)	Date	Survey Type	Time at Start	Time at End	Effort	Zone	UTM Start		UTM End		Platform Activity	Visibility (km)	Weather Code	Glare Code	Sea State Code	Ice Type Code	Ice Concentration Code	Wave Height (m)	True Wind Speed (Knots)	True Wind Direction (deg)	True Platform Speed (Knots)	True Platform Direction (deg)	Observation Side	Height of Eye (m)	Outdoors or Indoors	Vessel		Species	Count	Re-Sighting	Sighting Coordinates (UTM)			Distance to Animal	Angle to Sighting (deg)	Behaviour/ Travel Direction	Age	Sex
									Easting	Northing	Easting	Northing																Direction	Speed				Zone	Easting	Northing					
Desgagnes	Acadia Desgagnes	Michael Galarneceu	16-07-17	T	11:37:00 AM	12:07:00 PM	12:30:00 AM	18	557404	6932420	551475	6932880	Travelling	10	0	1	0	0	0	0.5	2.9	210	11.4	271	starboard	20	Indoors	271	11.4	Atlantic walrus	3	No	18	557404	6932420	50	45	S	M	1M
Desgagnes	Acadia Desgagnes	Michael Galarneceu	15-07-17	T	7:05:00 PM	7:35:00 PM	12:30:00 AM	19	572450	6786443	564424	6789369	Travelling	10	1	2	1	3	1	1	18	270	10	295	starboard	20	Indoors	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Desgagnes	Claude A. Desgagnes	Sandra Lebon	26-06-17	T	10:30:00 PM	11:00:00 PM	12:30:00 AM	19	546560	6826779	-	-	Travelling	10	1	1	1	3	5	1	17	15	7	315	starboard	20	Indoors	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Desgagnes	Claude A. Desgagnes	Sandra Lebon	27-06-17	T	10:45:00 PM	11:15:00 PM	12:30:00 AM	18	613919	6954318	605771	6960921	Travelling	10	1	0	3	-	-	1	28	270	12	308	starboard	20	Indoors	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Desgagnes	Claude A. Desgagnes	Sandra Lebon	28-06-17	T	10:45:00 PM	11:15:00 PM	12:30:00 AM	17	534804	7007132	522054	7007391	Travelling	10	0	3	4	-	-	1	13	15	13	275	starboard	20	Indoors	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Desgagnes	Claude A. Desgagnes	Sandra Lebon	29-06-17	T	9:30:00 PM	10:00:00 PM	12:30:00 AM	15	620100	6943945	632974	6945366	Travelling	10	0	1	2	3	0	1	11	180	13	270	starboard	20	Indoors	270	13	ringed seal	1	No	15	617817	6943119	300	90	R	-	-
Desgagnes	Claude A. Desgagnes	Sandra Lebon	29-06-17	T	9:30:00 PM	10:00:00 PM	12:30:00 AM	15	620100	6943945	632974	6945366	Travelling	10	0	1	2	3	0	1	11	180	13	270	starboard	20	Indoors	270	13	Atlantic walrus	2	No	15	617817	6943119	100	90	R	-	-
Desgagnes	Claude A. Desgagnes	Sandra Lebon	29-06-17	T	9:30:00 PM	10:00:00 PM	12:30:00 AM	15	620100	6943945	632974	6945366	Travelling	10	0	1	2	3	0	1	11	180	13	270	starboard	20	Indoors	270	13	Atlantic walrus	1	No	15	609686	6942988	100		R	-	-
Desgagnes	Claude A. Desgagnes	Sandra Lebon	30-06-17	T	10:30:00 PM	11:00:00 PM	12:30:00 AM	15	554958	6955594	546535	6960664	Travelling	10	0	2	1	2	0	1	14	180	13	300	starboard	20	Indoors	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Desgagnes	Claude A. Desgagnes	Sandra Lebon	30-06-17	S	10:30:00 PM	12:00:00 AM	1:30:00 AM	15	546359	6961034	-	-	Anchored	10	0	2	0	1	1	0	3	190	0	-	starboard	20	Indoors	-	-	seal sp.	1	No	15	546359	6961034	300	190	D	-	-
Desgagnes	Claude A. Desgagnes	Sandra Lebon	30-06-17	S	10:30:00 PM	12:00:00 AM	1:30:00 AM	15	546359	6961034	-	-	Anchored	10	0	2	0	1	1	0	3	190	0	-	starboard	20	Indoors	-	-	seal sp.	1	No	15	546359	6961034	200	70	D	-	-
Desgagnes	Claude A. Desgagnes	Sandra Lebon	02-07-17	S	10:30:00 PM	12:00:00 AM	1:30:00 AM	15	546272	6961217	-	-	Anchored	10	0	2	1	1	0	1	12	190	0	-	starboard	20	Indoors	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Desgagnes	Claude A. Desgagnes	Sandra Lebon	04-07-17	S	10:30:00 PM	12:00:00 AM	1:30:00 AM	15	546272	6961217	-	-	Anchored	10	1	0	2	0	0	1	14	90	0	-	starboard	20	Indoors	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Desgagnes	Claude A. Desgagnes	Sandra Lebon	05-07-17	T	10:00:00 PM	11:30:00 PM	1:30:00 AM	15	607467	6942767	642793	6948006	Travelling	10	1	0	3	-	-	1	11.6	30	13.5	86	starboard	20	Indoors	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Desgagnes	Claude A. Desgagnes	Kristian Brown	07-07-17	T	10:45:00 PM	12:00:00 AM	1:15:00 AM	17	647093	6886659	396198	6961231	Travelling	10	1	0	2	2	0	1	7	300	14	109	starboard	20	Indoors	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Desgagnes	Claude A. Desgagnes	Kristian Brown	08-07-17	T	8:15:00 PM	9:45:00 PM	1:30:00 AM	20	471046	6731754	479239	6720467	Travelling	5	3	0	2	0	0	5	22.5	125	9.6	120	starboard	20	Indoors	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Desgagnes	Claude A. Desgagnes	Kristian Brown	07-08-17	T	7:00:00 PM	8:30:00 PM	1:30:00 AM	19	552601	6768377	571692	6761934	Travelling	10	0	0	4	3	0	2	8	160	13	110	starboard	20	Indoors	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Desgagnes	Claude A. Desgagnes	Kristian Brown	09-07-17	T	7:30:00 PM	9:00:00 PM	1:30:00 AM	21	437998	6306252	449678	6298098	Travelling	1	3	0	1	0	0	2	12	28	13.8	144	port	20	Indoors	-	-	-	1	-	-	-	-	-	-	-	-	-	-

Notes:
Weather code; 0 (< 50% cloud cover with no fog, rain, or snow), 1 (> 50% cloud cover with no fog, rain, or snow), 3 (solid fog); Glare code; 0 (none), 1 (slight/grey), 2 (bright on the observer's side of the vessel), 3 (bright and forward of vessel); sea state code; 0 (calm, mirror-like, glassy), 1 (small wavelets, short but pronounced; crests do not break), 2 (large wavelets, crests begin to break; foam of glassy appearance; perhaps scattered white caps), 3 (small waves, becoming longer; fairly frequent white caps), 4 (moderate waves with more pronounced form; many white caps; chance of some spray); Ice type code; 0 (small, thin, newly formed, dinner plate-sized pieces), 1 (rounded floes 30 cm to 3 m across with ridged rims), 2(broken pieces <2 m across), 3 (level piece 2 to 20 m across); Ice concentration; 0 (less than one tenth cover, open water), 1 (two to three tenths, very open drift), 5 (seven to eight tenths, close pack); deg = degrees; D = diving, S =surfacing; R = resting on ice; M = Mature; 1M = one male; a dash indicated no data provided on the datasheets.

Table A-2: MMSO 2018 Program Observations

Company/Agency	Platform Name and Type	Observer(s)	Date	Survey Type	Time at Start	Time at End	Effort	Zone	UTM Start		UTM End		Platform Activity	Visibility (km)	Weather Code	Glare Code	Sea State Code	Ice Type Code	Ice Concentration Code	Wave Height (m)	True Wind Speed (Knots)	True Wind Direction	True Platform Speed (Knots)	True Platform Direction (deg)	Observation Side	Height of Eye (m)	Outdoors or Indoors	Species	Count
									Easting	Northing	Easting	Northing																	
Desgagnes	Acadia Desgagnes	Stephen Badcock	12-09-18	Transect	12:00:00 PM	12:30:00 PM	0:30	18	605746	6924131	597009	6928510	Travelling	16	1	0	4	-	-	2	21	135	10.7	299	starboard	22	Indoors	No Observations	1
Desgagnes	Acadia Desgagnes	Stephen Badcock	11-09-18	Transect	10:30:00 PM	11:00:00 PM	0:30	19	511543	6815902	500798	6820710	Travelling	16	0	3	2	-	-	1	8	315	12.8	297	starboard	22	Indoors	No Observations	1
Desgagnes	Acadia Desgagnes	Stephen Badcock	11-09-18	Transect	12:00:00 PM	12:30:00 PM	0:30	20	389696	6718067	379639	6723404	Travelling	16	1	0	2	-	-	2	10	235	12.2	297	starboard	22	Indoors	No Observations	1
Desgagnes	Acadia Desgagnes	Stephen Badcock	11-09-18	Transect	5:00:00 PM	5:30:00 PM	0:30	19	619554	6766291	609508	6770424	Travelling	16	1	0	1	-	-	1	7	0	11.8	295	starboard	22	Outdoors	No Observations	1
Desgagnes	Acadia Desgagnes	Stephen Badcock	12-09-18	Transect	5:30:00 PM	6:00:00 PM	0:30	18	479178	6936633	465314	6938420	Travelling	16	0	0	1	-	-	1	8	135	14.7	279	starboard	22	Indoors	No Observations	1
Desgagnes	Acadia Desgagnes	Stephen Badcock	12-09-18	Transect	10:30:00 PM	11:00:00 PM	0:30	18	372312	6949247	363534	6949969	Travelling	16	1	0	4	-	-	2	27	315	8.8	276	starboard	22	Indoors	No Observations	1
Agnicio Eagle Meliadine	Acadia Desgagnes	Stephen Badcock	21-09-18	Transect	5:30:00 PM	6:00:00 PM	0:30	19	549453	6797481	560343	6792453	Travelling	16	0	2	2	-	-	2	14	315	12.8	116	starboard	22	Indoors	No Observations	1
Agnicio Eagle Meliadine	Acadia Desgagnes	Stephen Badcock	19-09-18	Transect	5:30:00 PM	6:00:00 PM	0:30	16	394524	6924495	406342	6922284	Travelling	12	1	2	4	-	-	1	12	270	13.1	98	starboard	22	Indoors	No Observations	1
Agnicio Eagle Meliadine	Acadia Desgagnes	Stephen Badcock	21-09-18	Transect	10:30:00 PM	11:00:00 PM	0:30	19	657429	6748256	344024	6742059	Travelling	16	0	0	1	-	-	1	6	315	13.7	115	starboard	22	Indoors	No Observations	1
Agnicio Eagle Meliadine	Acadia Desgagnes	Stephen Badcock	21-09-18	Transect	12:00:00 PM	12:30:00 PM	0:30	19	432042	6854989	441969	6849977	Travelling	16	1	0	3	-	-	1	18	270	12.5	115	starboard	22	Indoors	No Observations	1
Agnicio Eagle Meliadine	Acadia Desgagnes	Stephen Badcock	20-09-18	Transect	10:30:00 PM	11:00:00 PM	0:30	18	435993	6941642	448209	6940128	Travelling	16	1	0	4	-	-	2	21	315	12.5	98	starboard	22	Indoors	No Observations	1
Agnicio Eagle Meliadine	Acadia Desgagnes	Stephen Badcock	20-09-18	Transect	5:30:00 PM	6:00:00 PM	0:30	17	619516	6950614	631007	6951792	Travelling	16	1	0	3	-	-	2	15	315	12.5	87	starboard	22	Indoors	No Observations	1
Agnicio Eagle Meliadine	Acadia Desgagnes	Stephen Badcock	20-09-18	Transect	12:00:00 PM	12:30:00 PM	0:30	17	497510	6930255	505912	6936944	Travelling	16	1	0	1	-	-	1	4	315	12.6	48	starboard	22	Indoors	No Observations	1
Agnicio Eagle Meliadine	Acadia Desgagnes	Stephen Badcock	19-09-18	Transect	10:30:00 PM	11:00:00 PM	0:30	16	515586	6901696	527465	6899729	Travelling	16	0	0	2	-	-	1	8	270	13.4	100	starboard	22	Indoors	No Observations	1
Desgagnes	Acadia Desgagnes	Stephen Badcock	14-09-18	Transect	12:30:00 PM	1:00:00 PM	0:30	15	575942	6951181	564628	6949274	Travelling	8	6	1	3	-	-	2	15	0	12	290	starboard	22	Indoors	No Observations	1
Desgagnes	Acadia Desgagnes	Stephen Badcock	19-09-18	Transect	12:00:00 PM	12:30:00 PM	0:30	15	573651	6950572	583255	6948943	Travelling	16	0	3	2	-	-	1	13	270	13.1	76	starboard	22	Indoors	No Observations	1
Desgagnes	Acadia Desgagnes	Stephen Badcock	13-09-18	Transect	10:30:00 PM	11:00:00 PM	0:30	16	552836	6895390	593198	6898493	Travelling	16	1	0	2	-	-	2	16	180	12.6	279	starboard	22	Indoors	No Observations	1
Desgagnes	Acadia Desgagnes	Stephen Badcock	13-09-18	Transect	5:30:00 PM	6:00:00 PM	0:30	17	352972	6878106	655647	6880721	Travelling	16	1	1	3	-	-	2	16	235	11.8	279	starboard	22	Indoors	No Observations	1
Desgagnes	Acadia Desgagnes	Stephen Badcock	13-09-18	Transect	12:30:00 PM	1:00:00 PM	0:30	17	438497	6910207	431609	6902912	Travelling	16	1	0	4	-	-	2	25	235	11.2	223	starboard	22	Indoors	No Observations	1
Desgagnes	Acadia Desgagnes	Michael Galarneceu	22-07-18	Transect	2:40:00 PM	4:10:00 PM	1:30	19	646337	6791328	623750	6791276	Travelling	75	0	0	0	3	2	1	3	270	7	276	starboard	16	Indoors	No Observations	1
Agnicio Eagle Meliadine	Acadia Desgagnes	Michael Galarneceu	23-07-18	Transect	6:30:00 PM	8:00:00 PM	1:30	18	530672	6995353	504175	7001803	Travelling	70	0	0	0	0	0	2	4	260	10.3	283	starboard	16	Indoors	No Observations	1
Agnicio Eagle Meliadine	Acadia Desgagnes	Michael Galarneceu	24-07-18	Transect	6:00:00 PM	7:30:00 PM	1:30	17	365792	6876868	646904	6883193	Travelling	20	2	1	3	0	0	1	4	210	12.9	279	starboard	16	Indoors	No Observations	1
Agnicio Eagle Meliadine	Acadia Desgagnes	Michael Galarneceu	27-07-18	Transect	6:00:00 PM	7:30:00 PM	1:30	15	582357	7055314	-	-	Travelling	50	0	0	1	0	0	1	5	255	9.3	288	starboard	16	Indoors	No Observations	1
Agnicio Eagle Meliadine	Acadia Desgagnes	Michael Galarneceu	01-08-18	Transect	6:30:00 PM	8:00:00 PM	1:30	15	635070	6978167	618695	6956327	Travelling	10	1	1	4	0	0	2	5	235	10.9	225	starboard	16	Indoors	No Observations	1
Agnicio Eagle Meliadine	Acadia Desgagnes	Michael Galarneceu	02-08-18	Transect	6:05:00 PM	7:35:00 PM	1:30	16	655471	6882070	375325	6874981	Travelling	10	1	1	3	0	0	1	4	17	12.6	100	starboard	16	Outdoors	No Observations	1
Agnicio Eagle Meliadine	Acadia Desgagnes	Michael Galarneceu	03-08-18	Transect	6:10:00 PM	7:40:00 PM	1:30	18	582041	6954486	610992	6942864	Travelling	15	2	1	2	0	0	1.5	4	40	12.5	114	starboard	16	Outdoors	No Observations	1
Agnicio Eagle Meliadine	Acadia Desgagnes	Michael Galarneceu	04-08-18	Transect	5:10:00 PM	6:40:00 PM	1:30	20	411772	6750366	440467	6739243	Travelling	50	0	0	4	0	0	1	5	170	13	108	starboard	16	Indoors	No Observations	1

Notes:
Weather code; 0 (< 50% cloud cover with no fog, rain, or snow), 1 (> 50% cloud cover with no fog, rain, or snow), 2 (pathcy fog), 6 (fog and rain); Glare code; 0 (none), 1 (slight/grey), 2 (bright on the observer's side of the vessel), 3 (bright and forward of vessel); sea state code; 0 (calm, mirror-like, glassy), 1 (small wavelets, short but pronounced; crests do not break), 2 (large wavelets, crests begin to break; foam of glassy appearance; perhaps scattered white caps), 3 (small waves, becoming longer; fairly frequent white caps), 4 (moderate waves with more pronounced form; many white caps; chance of some spray); Ice type code; 0 (small, thin, newly formed, dinner plate-sized pieces), 3 (level piece 2 to 20 m across); Ice concentration; 0 (less than one tenth cover, open water), 2 (four tenths, open drift); deg = degrees; a dash indicated no data provided on the datasheets.

Company/Agency	Platform Name and Type	Observer(s)	Date	Survey Type	Time at Start	Time at End	Effort	Survey Start Latitude	Survey Start Longitude	Survey End Latitude	Survey End Longitude	Platform Activity	Visibility (km)	Weather Code	Glare Conditions Code	Sea State Code	Wave Height (m)	True wind speed (knots)	True Wind Direction (deg	Ice Type Code	Ice Concentration Code	Platform Speed (Knots)	True Platform Direction (deg	Observation Side	Height of Eye (m)	Outdoors or Indoors	Species	Count
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	27-Jul-19	Transect	14:00	14:30	0:30	60°00.0' N	63°03.9'W	60°02.6' N	63°12.0'W	Traveling	30	1	1	5	2	28	270	0	0	11.5	320	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	27-Jul-19	Transect	22:00	22:30	0:30	60°44.9' N	63°50.1'W	60°47.4' N	66°00.7'W	Traveling	30	0	3	2	3	21	270	0	0	11.6	298	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	28-Jul-19	Transect	0:30	1:00	0:30	60°58.4' N	66°46.6'W	61°01.2' N	66°58.9'W	Traveling	30	0	3	3	3	12	315	0	0	12.9	294	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	28-Jul-19	Transect	12:30	13:00	0:30	62°04.7' N	71°30.3'W	62°07.4' N	71°30.3'W	Traveling	30	0	0	1	1	10	315	0	0	12.8	298	Starboard	22	Indoors	No Observations	-
Desgagnes/ Transartik	Nordika Desgagnes	Melina Jobin	28-Jul-19	Transect	13:05	13:35	0:30	61°22.3' N	68°12.1'W	-	-	Traveling	6	1	0	1	<1	3	315	0	0	13.8	-	Starboard	33.1	Indoors	Killer whale	1
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	28-Jul-19	Transect	20:00	20:30	0:30	62°21.9' N	74°20.8'W	62°19.3' N	74°32.4'W	Traveling	30	0	3	3	1	20	315	0	0	12.2	245	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	30-Jul-19	Transect	0:30	1:00	0:30	62°33.7' N	76°34.0'W	62°35.9' N	76°42.3'W	Traveling	30	0	3	2	1	12	90	0	0	13.2	290	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	30-Jul-19	Transect	12:00	12:30	0:30	62°15.0' N	81°30.8'W	62°12.6' N	81°43.7'W	Traveling	30	1	0	2	1	15	45	0	0	12.3	249	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	30-Jul-19	Transect	22:00	22:30	0:30	62°20.4' N	85°20.5'W	62°22.4' N	85°30.7'W	Traveling	30	1	0	1	1	10	0	0	0	10.4	295	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	31-Jul-19	Transect	1:00	1:30	0:30	62°22.5' N	86°22.5'W	62°34.2' N	86°32.0'W	Traveling	30	1	3	1	<1	9	0	0	0	10.2	294	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	31-Jul-19	Transect	13:00	13:30	0:30	63°20.1' N	90°35.5'W	63°23.4' N	90°42.0'W	Traveling	30	1	0	0	<1	6	180	0	0	9	318	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	31-Jul-19	Stationary	23:00	23:30	0:30	63°56.7' N	93°38.7'W	63°56.7' N	93°38.7'W	Anchored	30	1	0	1	1	15	135	0	0	0	133	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	01-Aug-19	Stationary	1:00	1:30	0:30	63°56.7' N	93°38.7'W	63°56.7' N	93°38.7'W	Anchored	30	1	0	1	1	17	135	0	0	0	124	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	01-Aug-19	Stationary	13:00	13:30	0:30	63°56.7' N	93°38.7'W	63°56.7' N	93°38.7'W	Anchored	30	1	1	0	1	5	270	0	0	0	110	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	02-Aug-19	Stationary	1:00	1:30	0:30	63°56.7' N	93°38.7'W	63°56.7' N	93°38.7'W	Anchored	30	0	0	0	<1	11	0	0	0	0	20	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	02-Aug-19	Stationary	13:00	13:30	0:30	63°56.7' N	93°38.7'W	63°56.7' N	93°38.7'W	Anchored	30	0	3	0	<1	2	135	0	0	0	80	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	05-Aug-19	Stationary	13:00	13:30	0:30	63°56.7' N	93°38.7'W	63°56.7' N	93°38.7'W	Anchored	30	5	1	4	2	27	135	0	0	0	110	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	06-Aug-19	Stationary	1:00	1:30	0:30	63°56.7' N	93°38.7'W	63°56.7' N	93°38.7'W	Anchored	30	1	0	4	2	23	90	0	0	0	88	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	06-Aug-19	Stationary	13:00	13:30	0:30	63°56.7' N	93°38.7'W	63°56.7' N	93°38.7'W	Anchored	30	1	1	2	1	22	90	0	0	0	82	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	07-Aug-19	Stationary	1:00	1:30	0:30	63°56.7' N	93°38.7'W	63°56.7' N	93°38.7'W	Anchored	30	1	0	2	1	17	90	0	0	0	78	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	07-Aug-19	Stationary	13:00	13:30	0:30	63°56.7' N	93°38.7'W	63°56.7' N	93°38.7'W	Anchored	30	0	0	1	<1	7	45	0	0	0	15	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	08-Aug-19	Stationary	1:00	1:30	0:30	64°17.9' N	95°59.6'W	64°17.9' N	95°59.7'W	Anchored	30	0	0	0	0	5	45	0	0	0	15	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	08-Aug-19	Stationary	13:00	13:30	0:30	64°17.9' N	95°59.7'W	64°17.9' N	95°59.7'W	Anchored	30	1	2	1	<1	14	45	0	0	0	18	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	13-Aug-19	Transect	13:00	13:30	0:30	64°27.6' N	95°57.9'W	64°25.0' N	85°44.7'W	Traveling	2	3	0	1	1	9	45	0	0	13	113	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	14-Aug-19	Transect	0:00	0:30	0:30	62°18.4' N	81°13.2'W	62°20.7.4' N	80°00.0'W	Traveling	30	0	0	1	<1	8	45	0	0	13.4	73	Starboard	22	Indoors	Harp Seal	4
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	14-Aug-19	Transect	12:00	12:30	0:30	62°36.6' N	75°29.6'W	62°35.8' N	75°15.8'W	Traveling	30	1	3	0	0	9	90	0	0	12.9	97	Starboard	22	Indoors	Killer whale	4
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	14-Aug-19	Transect	22:00	22:30	0:30	62°06.1' N	71°13.2'W	62°03.0' N	71°00.4'W	Traveling	30	4	0	3	2	16	90	0	0	12.8	117	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	15-Aug-19	Transect	0:30	1:00	0:30	61°51.9' N	70°15.6'W	61°49.3' N	70°05.0'W	Traveling	20	2	0	3	2	23	90	0	0	11.8	117	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Stephen Badcock	15-Aug-19	Transect	12:00	12:30	0:30	60°45.8' N	65°51.0'W	60°42.7' N	65°39.2'W	Traveling	15	2	3	0	1	4	135	0	0	12.4	117	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Charlotte Fafard-Morrissette	29-Aug-19	Transect	16:15	18:15	2:00	60°43.6' N	64°16.3'W	60°49.9' N	65°08.9'W	Traveling	2	2	1	5	2	24	320	0	0	11.3	327	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Charlotte Fafard-Morrissette	30-Aug-19	Transect	9:30	11:30	2:00	61°33.9' N	70°15.6'W	61°45.3' N	70°51.8'W	Traveling	3	2	1	3	<1	16	155	0	0	9.5	303	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Charlotte Fafard-Morrissette	01-Sep-19	Transect	16:30	18:30	2:00	63°02.4' N	84°56.6'W	63°02.1' N	85°57.6'W	Traveling	4	1	0	1	0	1	15	0	0	12.5	261	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Charlotte Fafard-Morrissette	11-Sep-19	Transect	21:30	23:30	2:00	61°57.7' N	83°00.8'W	62°07.5' N	83°15.9'W	Traveling	4	1	0	3	<1	14	330	0	0	12.8	95	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Charlotte Fafard-Morrissette	12-Sep-19	Transect	17:00	19:00	2:00	62°31.4' N	74°24.0'W	62°31.1' N	73°30.1'W	Traveling	4	1	0	2.5	<1	12	275	0	0	13.6	95	Starboard	22	Indoors	No Observations	-
Agnico Eagle - Meadow Bank	Acadia Desgagnes	Charlotte Fafard-Morrissette	13-Sep-19	Transect	9:30	11:30	2:00	61°18.4' N	67°43.1'W	61°05.9' N	66°59.3'W	Traveling	4	1	0	3	<1	13	220	0	0	13	120	Starboard	22	Indoors	No Observations	-
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Desmond Inaksojak	26-Sep-19	Transect	14:00	16:00	2:00	60°28.3' N	64°14.4'W	60°32.4' N	65°00.2'W	Traveling	55	0	-	3	1	4-5	135	-	-	12	280	Middle	30	Indoors	No Observations	-
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Desmond Inaksojak	27-Sep-19	Transect	14:00	16:00	2:00	62°24.41' N	74°43.86' W	62°24.47' N	75°41.28' W	Traveling	40-50	0-1	-	3	1	7-8	185	-	-	14	280	Middle	30	Indoors	No Observations	-
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Desmond Inaksojak	28-Sep-19	Transect	14:00	16:00	2:00	62°49.6' N	85°16.5' W	-	-	Traveling	4-5	2-4	-	2	1	3	110	-	-	13.5	248-282	Middle	30	Indoors	No Observations	-
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Desmond Inaksojak	30-Sep-19	Transect	16:00	20:00	4:00	63°31.7' N	91°01.32' W	63°45.1' N	92°16.4' W	Traveling	25-30	1	-	1	0	3	300	-	-	12	pilotage	Middle	30	Indoors	No Observations	-
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Simon Peter	30-Sep-19	Transect	20:00	23:05	3:05	63°45.1' N	92°19.5' W	63°57.4' N	93°35.1' W	Traveling	10	1	-	1	0	3	320	-	-	10	pilotage	Middle	30	Indoors	No Observations	-
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Nicolas Brunelle	01-Oct-19	Stationary	17:00	19:00	2:00	63°57.4' N	93°35.1' W	-	-	Anchored	25	0	-	0	0	2	335	-	-	-	-	Middle	30	Indoors	No Observations	-
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Nicolas Brunelle	02-Oct-19	Stationary	17:00	19:00	2:00	63°57.4' N	93°35.1' W	-	-	Anchored	15-20	1	-	0	0	-	Variant	-	-	-	-	Middle	30	Indoors	No Observations	-
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Nicolas Brunelle	03-Oct-19	Stationary	17:00	19:00	2:00	63°57.4' N	93°35.1' W	-	-	Anchored	30-40	1	-	1	0.5	-	Variant	-	-	-	-	Middle	30	Indoors	No Observations	-
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Nicolas Brunelle	04-Oct-19	Stationary	17:00	19:00	2:00	63°57.4' N	93°35.1' W	-	-	Anchored	30-40	0-1	-	0-1	0.5	3	225	-	-	-	-	Middle	30	Indoors	No Observations	-
Groupe Desgagnes	Rosaire A Desgagnes	Etienne Blanchette	05-Oct-19	Transect	19:00	21:00	2:00	60°03.1' N	63°38.5'W	60°22.0' N	64°05.4'W	Traveling	20	1	1	(3-4)	1	(5-6)	280	-	-	13	227	Both	26.5	Indoors	No Observations	-
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Nicolas Brunelle	05-Oct-19	Stationary	17:00	19:00	2:00	63°57.4' N	93°35.1' W	63°57.4' N	93°35.1' W	Anchored	(2-3)	(2-3)	-	1	0.5	4	135	-	-	-	-	Middle	30	Indoors	No Observations	-
Groupe Desgagnes	Rosaire A Desgagnes	Etienne Blanchette	06-Oct-19	Transect	16:00	18:00	2:00	62°10.1' N	71°39.0'W	62°22.2' N	72°30.0'W	Traveling	<25	1	1	2	<1	3	200	-	-	14	295	Both	26.5	Indoors	Bowhead whale	(3-4)
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Nicolas Brunelle	06-Oct-19	Stationary	17:00	19:00	2:00	63°57.4' N	93°35.2' W	63°57.4' N	93°35.2' W	Anchored	30-40	0	-	0	-1	5	0	-	-	-	-	Middle	30	Indoors	No Observations	-
Groupe Desgagnes	Rosaire A Desgagnes	Etienne Blanchette	07-Oct-19	Transect	16:00	18:00	2:00	62°02.7' N	83°16.7'W	62°04.9' N	84°16.5'W	Traveling	20	1	1	3	1	5	0	-	-	14	279	Both	26.5	Indoors	No Observations	-
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Nicolas Brunelle	07-Oct-19	Stationary	17:00	19:00	2:00	63°57.4' N	93°35.2' W	63°57.4' N	93°35.2' W	Anchored	30-40	1	-	1	0.5	2	135	-	-	-	-	Middle	30	Indoors	No Observations	-
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Nicolas Brunelle	08-Oct-19	Stationary	17:00	19:00	2:00	63°57.4' N	93°35.2' W	63°57.4' N	93°35.2' W	Anchored	20-30	4	-	2	1	8	135	-	-	-	-	Middle	30	Indoors	No Observations	-
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Nicolas Brunelle	09-Oct-19	Stationary	17:00	19:00	2:00	63°57.4' N	93°35.2' W	63°57.4' N	93°35.2' W	Anchored	15-20	7	-	2	1	6	180	-	-	-	-	Middle	30	Indoors	No Observations	-
Transarctik/ Marine Cargo Desgagnes	Nordika Desgagnes	Kyle Gardet	09-Oct-19	Transect	14:30	18:30	4:00	62°33.64' N	75°31.4' W	62°35.7' N	76°23.1' W	Traveling	40	1	0	3	-	5	162	-	-	12	280	Middle	-	Indoors	No Observations	-
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Nicolas Brunelle	10-Oct-19	Stationary	17:00	19:00	2:00	63°57.4' N	93°35.2' W	63°57.4' N	93°35.2' W	Anchored	15-20	1	-	2	1	6	315	-	-	-	-	Middle	30	Indoors	No Observations	-
Transarctik/ Marine Cargo Desgagnes	Nordika Desgagnes	Kyle Gardet/ Luke Gatherall	10-Oct-19	Transect	12:00	14:00	2:00	62°17.3' N	79°07.8' W	62°10.1' N	79°07.6' W	Traveling	27	0	-	3	1	7	235	-	-	11	183/003	Starboard	24	Indoors	No Observations	-
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Nicolas Brunelle	11-Oct-19	Stationary	17:00	19:00	2:00	63°57.4' N	93°35.1' W	63°57.4' N	93°35.1' W	Anchored	20-30	1	-	1	0.5	4	315	-	-	-	-	Middle	30	Indoors	No Observations	-
Transarctik/ Marine Cargo Desgagnes	Nordika Desgagnes	Luke Gatherall	11-Oct-19	Transect	13:30	16:00	2:30	61°37.8' N	82°30.7' W	61°44.9' N	83°31.7' W	Traveling	-	0	-	4	2	11	325	-	-	13	265	Starboard	24	Indoors	No Observations	-
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Nicolas Brunelle	12-Oct-19	Stationary	17:00	19:00	2:00	63°57.4' N	93°35.2' W	63°57.4' N	93°35.2' W	Anchored	30	(0-1)	-	1	0.5	3	225	-	-	-	-	Middle	30	Indoors	No Observations	-
Transarctik/ Marine Cargo Desgagnes	Nordika Desgagnes	Melina Jobin	12-Oct-19	Stationary	16:00	18:00	2:00	62°46.0' N	92°03.8' W	62°46.0' N	92°03.8' W	Anchored	40	0	0	1	<0.5	-	180	-	0	0	158	Middle	24	Indoors	No Observations	-
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Nicolas Brunelle	13-Oct-19	Stationary	17:00	19:00	2:00	63°57.3' N	93°35.1' W	63°57.3' N	93°35.1' W	Anchored	30	1	-	1	1	4	240	-	-	-	-	Middle	30	Indoors	No Observations	-
Transarctik/ Marine Cargo Desgagnes	Nordika Desgagnes	Melina Jobin	13-Oct-19	Stationary	16:00	18:00	2:00	62°49.0' N	92°04.0' W	62°49.0' N	92°04.0' W	Anchored	40	1	0	2	<1	9	211	-	0	-	2	Middle	24	Indoors	No Observations	-
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Nicolas Brunelle	14-Oct-19	Stationary	17:00	19:00	2:00	63°57.1' N	93°35.3' W	63°57.1' N	93°35.3' W	Anchored	15	7	-	1	0.5	4	0	-	-	-	-	Middle	30	Indoors	No Observations	-
Transarctik/ Marine Cargo Desgagnes	Nordika Desgagnes	Melina Jobin	14-Oct-19	Stationary	16:00	18:00	2:00	62°45.9' N	92°04.1' W	62°45.9' N	92°04.1' W	Anchored	40	1	0	2	<1	9	211	-	0	2	-	Middle	24	Indoors	No Observations	-
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Nicolas Brunelle	15-Oct-19	Stationary	17:00	19:00	2:00	63°57.2' N	93°35.1' W	63°57.2' N	93°35.1' W	Anchored	20-30	0	-	1	0.5	3	0	-	-	-	-	Middle	30	Indoors	No Observations	-
Transarctik/ Marine Cargo Desgagnes	Nordika Desgagnes	Melina Jobin	15-Oct-19	Stationary	8:00	10:00	2:00	62°46.1' N	92°04.0 W	-	-	Anchored	40	1	0	3	1	18	199	-	0	-	-	Middle	24	Indoors	No Observations	-
Desgagnes Transartik	Thoreo Isadora/ General Cargo	Nicolas Brunelle	16-Oct-19	Stationary	17:00	19:00	2:00	63°57.2' N	93°35.1' W	63°57.2' N	93°35.1' W	Anchored	20-30	2	-	1	0.5	-	Variant	-	-	-	-	Middle	30	Indoors	No Observations	-
Transarctik/ Marine Cargo Desgagnes	Nordika Desgagnes	Luke Gatherall	16-Oct-19	Transect	17:00	18:00	1:00	62°00.2' N	82°29.1 W	-	-	Traveling	4	-	-	5	2-2.5	8	23	-	-	11.5	80	Starboard	27	Indoors	No Observations	-
Groupe Desgagnes	Rosaire A Desgagnes	Simon Lachance	17-Oct-19	Transect	16:00	18:00	2:00	62°03.4' N	83°16.7'W	62°06.2' N	82°39.7'W	Traveling	20	1	1	3	1	4	15	-	-	13	76	Both	26.5	Outdoors	No Observations	-
Transarctik/ Marine Cargo Desgagnes	Nordika Desgagnes	Kyle Gaudet	17-Oct-19	Transect	19:42	21:42	2:00	62°01.8' N	70°52.0 W	61°46.3' N	70°37.1 W	Traveling	45	-	0	3	0.2	4	305	-	-	15	118	Starboard	27	Indoors	No Observations	-
Groupe Desgagnes	Rosaire A Desgagnes	Simon Lachance	18-Oct-19	Transect	14:00	16:00	2:00	62°13.3' N	72°07.6'W	62°00.8' N	71°11.3'W	Traveling	20	1	1	3	1	4	335	-	-	15	116	Both	26.5	Indoors	Killer whale	3
Desgagnes	Zelada Desgagnes	Emmie Penney/ Maxime Cormier	25-Oct-19	Transect	14:00	16:00	2:00	61°48.3' N	70°12.6 W	61°59.6' N	71°01.6 W	Traveling	30	0/ 5	1	3	1	10	240	-	0	"12-13"	296	Starboard	40	Outdoors	Fin whale	-
Desgagnes	Zelada Desgagnes	Emmie Penney/ Maxime Cormier	26-Oct-19	Transect	14:00	16:00	2:00	62°22.3' N	80°22.5' W	62°15.1' N	81°11.4' W	Traveling	5	2	1	4	(1-2)	10	0	-	-	12	255	Port	25	Outdoors	No Observations	-
Desgagnes	Zelada Desgagnes	Emmie Penney	27-Oct-19	Transect	14:00	16:00	2:00	62°43.5' N	91°49.5' W	62°46.6' N	92°05.6' W	Traveling	10	2	1	2	(0.25-0.5)	6	30	-	-	12.5	287	Middle	25	Indoors	No Observations	-
Desgagnes	Zelada Desgagnes	Emmie Penney	28-Oct-19	Stationary	14:00	16:00	2:00	62°46.5' N	92°06.0' W	62°46.5' N	92°06.0' W	Anchored	(1-2)	7	0	3	(0.25-0.5)	(30-45)	45	-	-	0	-	Middle	25	Indoors	No Observations	-
Desgagnes	Zelada Desgagnes	Emmie Penney	29-Oct-19	Stationary	19:45	22:00	2:15	62°46.5' N	92°06.0' W	62°46.5' N	92°06.0' W	Anchored	8	3	1	1	0.1	3	180	-	-	-	-	Middle	25	Indoors	No Observations	-
Desgagnes	Zelada Desgagnes	Emmie Penney	30-Oct-19	Stationary	13:00	18:00	5:00	62°46.5' N	92°05.5' W	62°46.6' N	92°05.6' W	Anchored	3	2	1	1	0.05	0-2	0	-	-	0	280	Middle	25	Indoors	No Observations	-
Desgagnes	Zelada Desgagnes	Emmie Penney	31-Oct-19	Stationary	14:00	16:00	2:00	62°46.7' N	92°05.4' W	62°46.7' N	92°05.4' W	Anchored	8	1	-	1	0.05	6	230	-	-	0	218	Middle	25	Indoors	No Observations	-
Desgagnes	Zelada Desgagnes	Emmie Penney	01-Nov-19	Stationary	14:00	16:00	2:00	-	-	-	-	Anchored	-	-	-	1	-	-	-	-	-	-	-	Middle	25	Indoors	No Observations	-
Desgagnes	Zelada Desgagnes	Emmie Penney	02-Nov-19	Transect	12:00	15:45	3:45	61°59.5' N	71°01.2' W	61°59.5' N	71°01.2' W	Anchored	20	0	1	1	0.5	6	240	-	-	15	116	Middle	25	Indoors	No Observations	-
-	-	Desmond Inaksojak	-	-	4:00	8:00	4:00	63°21.9' N	90°38.7'W	63°43.06' N	92°02.14'W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Polar Bear	1
-	-	Desmond Inaksojak	-	-	4:00	8:00	4:00	63°21.9' N	90°38.7'W	63°43.06' N	92°02.14'W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Unidentified Land animal	2

Notes:
Weather code; 0 (< 50% cloud cover with no fog, rain, or snow), 1 (> 50% cloud cover with no fog, rain, or snow), 2 (pathcy fog), 3 (solid fog), 4 (mist/light rain), 5 (medium to heavy rain), 6 (fog and rain), 7 (snow); glare code; 0 (none), 1 (slight/grey), 2 (bright on the observer's side of the vessel), 3 (bright and forward of vessel); sea state code; 0 (calm, mirror-like, glassy), 1 (small wavelets, short but pronounced; crests do not break), 2 (large wavelets, crests begin to break; foam of glassy appearance; perhaps scattered white caps), 3 (small waves, becoming longer; fairly frequent white caps), 4 (moderate waves with more pronounced form; many white caps; chance of some spray); Ice type code; 0 (small, thin, newly formed, dinner plate-sized pieces), 3 (level piece 2 to 20 m across); Ice concentration; 0 (less than one tenth cover, open water), 2 (four tenths, open drift); deg = degrees; a dash indicated no data provided on the datasheets.

APPENDIX B

Data Sheets Recorded by Transport Desgagnés and Provided by Agnico Eagle Mines Limited for Marine Mammal and Seabird Observations for the 2017,2018 and 2019 Shipping Season

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés	Sea state code ★	1
Platform name and type	M/V Miena Desgagnés	Wave height (m)	0,2
Observer (s)	Landrin Charles-André	True wind speed (knots) OR Beaufort code ★	5
Date (DD/MMM/YYYY)	26/06/2019	True wind direction (deg)	039
Time at start (UTC)	1342	Ice type code ★	2
Time at end (UTC)	1417	Ice concentration code ★	2/10
Latitude at start / end	60° 24,0' N / 60 24,0' N	True platform speed (knots)	0
Longitude at start / end	064° 50' W / 064 50' W	True platform direction (deg)	0
Platform activity	At Anchor	Observation side	Starboard ~~Port~~
Visibility (km)	0,5	Height of eye (m)	25
Weather code	F	Outdoors or Indoors	Out or In
Glare conditions code ★	1	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
Thick-billed murre	12	water		50 m		Feed	–	–	–	–	

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés		Sea state code ★	3
Platform name and type	M/V Miena Desgagnés		Wave height (m)	0.5
Observer (s)	Landrin Charles-André		True wind speed (knots) OR Beaufort code ★	5
Date (DD/MMM/YYYY)	27 / 06 / 2019		True wind direction (deg)	130
Time at start (UTC)	1440		Ice type code ★	0
Time at end (UTC)	1517		Ice concentration code ★	0
Latitude at start / end	60 24,1' N	60° 24,1' N	True platform speed (knots)	0
Longitude at start / end	064° 50,0' W	064° 50,0' W	True platform direction (deg)	0
Platform activity	at anchor		Observation side	Starboard / Port
Visibility (km)	30		Height of eye (m)	25
Weather code	5		Outdoors or Indoors	Out or In
Glare conditions code ★	1		Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
Thick Billed Murre	9	water		100		Feed	—				

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés	Sea state code ★	1
Platform name and type	M/V Mina Desgagnés	Wave height (m)	0,5
Observer (s)	Landrin Charles-André	True wind speed (knots) OR Beaufort code ★	5
Date (DD/MMM/YYYY)	28 / 06 / 2019	True wind direction (deg)	300
Time at start (UTC)	1205	Ice type code ★	8
Time at end (UTC)	1240	Ice concentration code ★	8
Latitude at start / end	62 05,9 N / 62 7,9 N	True platform speed (knots)	6
Longitude at start / end	070 48,2 W / 070 57,9 W	True platform direction (deg)	Variabl
Platform activity	Sailing	Observation side	Starboard (Port)
Visibility (km)	30	Height of eye (m)	25
Weather code	6	Outdoors or Indoors	Out or (In)
Glare conditions code ★	1	Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
Thayers	1	Fly		50			260	–	–		
Gull											

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés		Sea state code ★	1
Platform name and type			Wave height (m)	0,1
Observer (s)	A/B Charles-André Landrin		True wind speed (knots) OR Beaufort code ★	10
Date (DD/MMM/YYYY)	29/06/2019		True wind direction (deg)	290
Time at start (UTC)	16:07		Ice type code★	Ø
Time at end (UTC)	16 41		Ice concentration code★	Ø
Latitude at start / end	62° 36'	62° 33'	True platform speed (knots)	10,4
Longitude at start / end	079° 01	079° 14'	True platform direction (deg)	260
Platform activity	Sailing		Observation side	Starboard Port ✓
Visibility (km)	30		Height of eye (m)	25 m
Weather code	b		Outdoors or Indoors	Out or (In)
Glare conditions code★	1		Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
Thick Billed murre	1	water		100 m		Happy	120				

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés inc	Sea state code ★	2
Platform name and type	Miena Desgagnés moving vessel	Wave height (m)	0,5
Observer (s)	AB Landrin Charles-André	True wind speed (knots) OR Beaufort code ★	7
Date (DD/MMM/YYYY)	June 30 2019	True wind direction (deg)	130
Time at start (UTC)	2230	Ice type code ★	0
Time at end (UTC)	2300	Ice concentration code ★	1/10
Latitude at start / end	62°24,3' N / 62 24,2' N	True platform speed (knots)	5,6
Longitude at start / end	086 44,9 W / 086 49,9 W	True platform direction (deg)	246
Platform activity	Sailing	Observation side	Starboard Port on the ship
Visibility (km)	10	Height of eye (m)	25
Weather code	5c	Outdoors or Indoors	Out or In
Glare conditions code ★	1	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
Peregrine Falcon	1	Ship		20 m			⌒				

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés	Sea state code ★	3
Platform name and type	M/V Mena Desgagnés	Wave height (m)	1
Observer (s)	Landrin Charles-André	True wind speed (knots) OR Beaufort code ★	4
Date (DD/MMM/YYYY)	01 / 07 / 2019	True wind direction (deg)	110
Time at start (UTC)	12 58	Ice type code★	0
Time at end (UTC)	13 35	Ice concentration code★	0
Latitude at start / end	62° 13' N / 62° 10' N	True platform speed (knots)	9
Longitude at start / end	84° 51,6 W / 85 05,6 W	True platform direction (deg)	240
Platform activity	Sailing	Observation side	Starboard ~~Port~~
Visibility (km)	30	Height of eye (m)	25
Weather code	0,5	Outdoors or Indoors	Out or ~~In~~
Glare conditions code★	0	Snapshot used?	Yes or ~~No~~

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
Périgrin	1	Ship		20							
falcon											

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés	Sea state code ★	3
Platform name and type	M/V Miena Desgagnés	Wave height (m)	1
Observer (s)	Landrin Charles-André	True wind speed (knots) OR Beaufort code ★	4
Date (DD/MMM/YYYY)	22 / 07 / 2019	True wind direction (deg)	092°
Time at start (UTC)	1200	Ice type code★	0
Time at end (UTC)	1230	Ice concentration code ★	0
Latitude at start / end	6280,00 'N / 6200 00'N	True platform speed (knots)	9
Longitude at start / end	091 18,6 W / 091 38,1 W	True platform direction (deg)	264
Platform activity	Sailing	Observation side	Starboard Port
Visibility (km)	25	Height of eye (m)	25
Weather code	0	Outdoors or Indoors	Out or In
Glare conditions code★	0	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
Peregrin Falcon	1	Ship		5°			–				

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés	Sea state code ★	3
Platform name and type	M/V Miena Desgagnés	Wave height (m)	1
Observer (s)	Landrin Charles-André	True wind speed (knots) OR Beaufort code ★	5
Date (DD/MMM/YYYY)	03/07/2019	True wind direction (deg)	096°
Time at start (UTC)	1345	Ice type code★	1
Time at end (UTC)	1430	Ice concentration code★	1
Latitude at start / end	62 22 N / 62 22 N	True platform speed (knots)	0
Longitude at start / end	091 30 W / 091 30 W	True platform direction (deg)	0
Platform activity	At Anchor	Observation side	Starboard (Port)
Visibility (km)	25	Height of eye (m)	25
Weather code	0,5	Outdoors or Indoors	Out or (In)
Glare conditions code★	0	Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
herring gull	2	fly		50			250				

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés	Sea state code ★	2
Platform name and type	MV Alicia Desgagnés	Wave height (m)	an
Observer (s)	Landrin Charles-André	True wind speed (knots) OR Beaufort code ★	3
Date (DD/MMM/YYYY)	04/07/2019	True wind direction (deg)	249°
Time at start (UTC)	1503	Ice type code★	1
Time at end (UTC)	1533	Ice concentration code ★	1
Latitude at start / end	62 22 N / 62 22 N	True platform speed (knots)	0
Longitude at start / end	091 30 W / 091 30 W	True platform direction (deg)	0
Platform activity	At Anchor	Observation side	Starboard Port
Visibility (km)	25	Height of eye (m)	25
Weather code	0	Outdoors or Indoors	Out or In
Glare conditions code★	1	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
Thick-billed Murre	5	water		20			—				

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés	Sea state code ★	2
Platform name and type	M/v Miena Desgagnés	Wave height (m)	0/5
Observer (s)	Kendrin Charles-André	True wind speed (knots) OR Beaufort code ★	4
Date (DD/MMM/YYYY)	05/07/2019	True wind direction (deg)	210
Time at start (UTC)	1227	Ice type code ★	1
Time at end (UTC)	1300	Ice concentration code ★	1
Latitude at start / end	62 22 N / 62 22 N	True platform speed (knots)	0
Longitude at start / end	091 30 W / 091 30 W	True platform direction (deg)	0
Platform activity	at Anchor	Observation side	Starboard (Port)
Visibility (km)	25	Height of eye (m)	25
Weather code	bc	Outdoors or Indoors	Out or (In)
Glare conditions code ★	0	Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
Sta-caud	2	water		200			–				
Coll											

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés	Sea state code ★	3
Platform name and type	M/V Miena Desgagnés	Wave height (m)	1
Observer (s)	Kanclrin Charles-André	True wind speed (knots) OR Beaufort code ★	4
Date (DD/MMM/YYYY)	06/07/2019	True wind direction (deg)	270
Time at start (UTC)	14 40	Ice type code★	0
Time at end (UTC)	15 10	Ice concentration code ★	0
Latitude at start / end	62°07'N / 62°07'N	True platform speed (knots)	0
Longitude at start / end	091°48'W / 091°48'W	True platform direction (deg)	0
Platform activity	At anchor	Observation side	Starboard Port
Visibility (km)	25	Height of eye (m)	25
Weather code	C	Outdoors or Indoors	Out or In
Glare conditions code★	1	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
Common	4	Fly		50			045			1 Mal	
Eider										3 Fem	

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés inc	Sea state code ★	1
Platform name and type	Miena Desgagnés	Wave height (m)	0/5
Observer (s)	Charles-André Landrin	True wind speed (knots) OR Beaufort code ★	12
Date (DD/MMM/YYYY)	07/07/2019	True wind direction (deg)	232
Time at start (UTC)	1751	Ice type code★	~~0/10~~ CR Ø
Time at end (UTC)	~~61~~ CA 1820	Ice concentration code ★	%
Latitude at start / end	61°28,6'N / 61°32,6'N	True platform speed (knots)	12
Longitude at start / end	092°49,7'W / 092°42,4'W	True platform direction (deg)	041°
Platform activity	Sailing vessel	Observation side	Starboard (Port)
Visibility (km)	10 km	Height of eye (m)	25
Weather code	0	Outdoors or Indoors	Out or (In)
Glare conditions code★	1	Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
Herring Gull	1	Fly		50 m		66	180°				

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés		Sea state code ★	3
Platform name and type	M/V Miena Desgagnés		Wave height (m)	1
Observer (s)	Landrin Charles-André		True wind speed (knots) OR Beaufort code ★	4
Date (DD/MMM/YYYY)	07/07/2019		True wind direction (deg)	~~277~~ 127
Time at start (UTC)	1330		Ice type code★	–
Time at end (UTC)	1402		Ice concentration code★	–
Latitude at start / end	61 34 N	61 43 N	True platform speed (knots)	10
Longitude at start / end	092 39 W	092 22 W	True platform direction (deg)	104
Platform activity	Sailing		Observation side	Starboard (Port)
Visibility (km)	30		Height of eye (m)	
Weather code	6		Outdoors or Indoors	Out or (In)
Glare conditions code★	0		Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
Thick Billed Murre	3	Water		100			–				

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés	Sea state code ★	4
Platform name and type	M/V Miena Desgagnés	Wave height (m)	1.5
Observer (s)	Landrin Charles-André	True wind speed (knots) OR Beaufort code ★	6
Date (DD/MMM/YYYY)	08/07/2019	True wind direction (deg)	137
Time at start (UTC)	1229	Ice type code★	1
Time at end (UTC)	1300	Ice concentration code ★	1
Latitude at start / end	62 09 N / 62 09 N	True platform speed (knots)	0.3
Longitude at start / end	091 56 W / 091 56 W	True platform direction (deg)	variable
Platform activity	Drifting	Observation side	Starboard Port
Visibility (km)	25	Height of eye (m)	25
Weather code	C	Outdoors or Indoors	Out or In
Glare conditions code★	1	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
Common Eider	3	Fly		30			OUT			Fem	

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés	Sea state code ★	3
Platform name and type	M/V Miena Desgagnés	Wave height (m)	1
Observer (s)	Landrin Charles-André	True wind speed (knots) OR Beaufort code ★	3
Date (DD/MMM/YYYY)	09/07/2019	True wind direction (deg)	050
Time at start (UTC)	1800	Ice type code ★	—
Time at end (UTC)	1934	Ice concentration code ★	—
Latitude at start / end	62°10' N / 62°10' N	True platform speed (knots)	—
Longitude at start / end	091°54' W / 091°54' W	True platform direction (deg)	—
Platform activity	At Anchor	Observation side	Starboard (Port)
Visibility (km)	05	Height of eye (m)	25
Weather code	F	Outdoors or Indoors	Out or (In)
Glare conditions code ★	1	Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
Thick Billed Murre	4	water		50			—				

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés	Sea state code ★	3
Platform name and type	M/V Miena Desgagnés	Wave height (m)	1
Observer (s)	Landrin Charles-André	True wind speed (knots) OR Beaufort code ★	4
Date (DD/MMM/YYYY)	10 / 07 / 2019	True wind direction (deg)	254
Time at start (UTC)	1727	Ice type code ★	–
Time at end (UTC)	1800	Ice concentration code ★	–
Latitude at start / end	61 30 N / 61 39 N	True platform speed (knots)	13
Longitude at start / end	092 29 W / 092 15 W	True platform direction (deg)	039
Platform activity	Sailing	Observation side	Starboard Port
Visibility (km)	25	Height of eye (m)	25
Weather code	C	Outdoors or Indoors	Out or In
Glare conditions code ★	1	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
Glaucous Gull	2	water		100			—				

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés	Sea state code ★	0
Platform name and type	Mena Desgagnés M/V	Wave height (m)	0,2
Observer (s)	Landrin Charles-André	True wind speed (knots) OR Beaufort code ★	12 Knots
Date (DD/MMM/YYYY)	11/07/2019	True wind direction (deg)	240
Time at start (UTC)	1626	Ice type code★	0
Time at end (UTC)	1700	Ice concentration code ★	0
Latitude at start / end	62° 02,2'N / 61°58,8'N	True platform speed (knots)	11,7
Longitude at start / end	092° 20,6'W / 092° 09,5'W	True platform direction (deg)	098
Platform activity	Sailing	Observation side	Starboard / Port
Visibility (km)	30	Height of eye (m)	25
Weather code	bc	Outdoors or Indoors	Out or In
Glare conditions code★	2	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Phum.[4]	Sex	Comments
COMMON Eider	6	Fly		50			150	-	-	F	
Common Eider	1	Fly		50			150			M	
Common Eider	2	Fly		20			100			F	

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés	Sea state code ★	1
Platform name and type	M/V Mena Desgagnés	Wave height (m)	0,5
Observer (s)	Landrin Charles-André	True wind speed (knots) OR Beaufort code ★	21/10 Knots
Date (DD/MMM/YYYY)	12/07/2019	True wind direction (deg)	210
Time at start (UTC)	1410	Ice type code★	0
Time at end (UTC)		Ice concentration code ★	0
Latitude at start / end	61° 48,90' N	True platform speed (knots)	13
Longitude at start / end	092 19,2 W	True platform direction (deg)	221
Platform activity	Sailing	Observation side	Starboard (Port)
Visibility (km)	15	Height of eye (m)	25
Weather code	C	Outdoors or Indoors	Out or (In)
Glare conditions code★	2	Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Phm.[4]	Sex	Comments
Sabines Gull	1	Fly		100			040				

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés	Sea state code ★	2
Platform name and type	M/V Miena Desgagnés	Wave height (m)	1
Observer (s)	Landrin Charles-André	True wind speed (knots) OR Beaufort code ★	20 KTS
Date (DD/MMM/YYYY)	13 / 07 / 2017	True wind direction (deg)	206°
Time at start (UTC)		Ice type code ★	–
Time at end (UTC)		Ice concentration code ★	–
Latitude at start / end		True platform speed (knots)	13 KTS
Longitude at start / end		True platform direction (deg)	222°
Platform activity	SAILING	Observation side	Starboard Port
Visibility (km)	15	Height of eye (m)	25
Weather code	NC	Outdoors or Indoors	Out or In
Glare conditions code ★	2	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
GOOSE	1	FLY		50			220				

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés	Sea state code ★	2
Platform name and type	M/V Miena Desgagnés	Wave height (m)	0,2
Observer (s)	Landrin Charles-André	True wind speed (knots) OR Beaufort code ★	3
Date (DD/MMM/YYYY)	14 / 07 / 2019	True wind direction (deg)	221
Time at start (UTC)	1700	Ice type code★	—
Time at end (UTC)	1730	Ice concentration code★	—
Latitude at start / end	62 09 N / 62 09 N	True platform speed (knots)	—
Longitude at start / end	092 34 W / 092 34 W	True platform direction (deg)	—
Platform activity	at anchor	Observation side	Starboard Port
Visibility (km)	30	Height of eye (m)	25
Weather code	C	Outdoors or Indoors	Out or In
Glare conditions code★	1	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
Canada Goose	3	Fly		100			030				

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés	Sea state code ★	1
Platform name and type	M/V Miena Desgagnés	Wave height (m)	0,1
Observer (s)	Landrin Charles-André	True wind speed (knots) OR Beaufort code ★	17
Date (DD/MMM/YYYY)	15 / 07 / 2019	True wind direction (deg)	241
Time at start (UTC)	0432	Ice type code ★	–
Time at end (UTC)	0500	Ice concentration code ★	–
Latitude at start / end	62 01 / 62 05	True platform speed (knots)	8,2
Longitude at start / end	092 01 / 091 54	True platform direction (deg)	036,4
Platform activity	Sailing	Observation side	Starboard Port (both)
Visibility (km)	30	Height of eye (m)	25
Weather code	bc	Outdoors or Indoors	Out or (In)
Glare conditions code ★	0	Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
Herring Gull	1	Fly		10			280				

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés	Sea state code ★	0
Platform name and type	M/V Mena Desgagnés	Wave height (m)	0
Observer (s)	Landrin Charles-André	True wind speed (knots) OR Beaufort code ★	3
Date (DD/MMM/YYYY)	16/07/2019	True wind direction (deg)	280
Time at start (UTC)	1802	Ice type code★	1/10
Time at end (UTC)	1837	Ice concentration code ★	1/10
Latitude at start / end	62 41	True platform speed (knots)	5/3
Longitude at start / end	091 35	True platform direction (deg)	094
Platform activity	Sailing	Observation side	Starboard Port Middle
Visibility (km)	30	Height of eye (m)	25
Weather code	bc	Outdoors or Indoors	Out or In
Glare conditions code★	2	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
Herring Gulls	7	both		20		fishing	⊢				

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – MOVING VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés	Sea state code ★	2
Platform name and type	M/V Mena Desgagnés	Wave height (m)	0,3
Observer (s)	Landrin Charles-André	True wind speed (knots) OR Beaufort code ★	10
Date (DD/MMM/YYYY)	17 / 07 / 2019	True wind direction (deg)	281
Time at start (UTC)	1557	Ice type code ★	~~9/10~~ 6
Time at end (UTC)	1627	Ice concentration code ★	9/10
Latitude at start / end	62 34 / 62 38	True platform speed (knots)	6
Longitude at start / end	091 27 / 091 42	True platform direction (deg)	093
Platform activity	Sailing	Observation side	Starboard Port Middle
Visibility (km)	10	Height of eye (m)	25
Weather code	Fog	Outdoors or Indoors	Out or (In)
Glare conditions code ★	2	Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ * Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
Herring Gull	5	both		20		Feed	–				

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – ~~MOVING~~ STATIONARY VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés	Sea state code ★	2
Platform name and type	M/V Miena Desgagnés	Wave height (m)	>1m.
Observer (s)	Landrin Charles-André	True wind speed (knots) OR Beaufort code ★	B-5
Date (DD/MMM/YYYY)	18 / 07 / 2019.	True wind direction (deg)	325
Time at start (UTC)	1400	Ice type code★	11
Time at end (UTC)	1500.	Ice concentration code ★	0
Latitude at start / end	6246 N / 6246 N	True platform speed (knots)	Ø
Longitude at start / end	09206 W / 09206 W	True platform direction (deg)	315
Platform activity	Anchored - Carlo OIS.	Observation side	Starboard Port
Visibility (km)	>10M.	Height of eye (m)	25m.
Weather code	bc	Outdoors or Indoors	Out or In
Glare conditions code★	Ø	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★* Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments

NIL.

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – ~~MOVING~~ STATIONARY VESSEL

AGNICO EAGLE

Fill out one sheet per 30 min observation period

Observation Period Information:

Company/agency	Transport Desgagnés	Sea state code ★	2
Platform name and type	M/V Miena Desgagnés	Wave height (m)	<1m
Observer (s)	Landrin Charles-André	True wind speed (knots) OR Beaufort code ★	B-4
Date (DD/MMM/YYYY)	19 / 07 / 2019	True wind direction (deg)	320
Time at start (UTC)	1800	Ice type code★	11
Time at end (UTC)	1900	Ice concentration code ★	Ø
Latitude at start / end	62 46 N / 62-46N	True platform speed (knots)	Ø
Longitude at start / end	092 06 W / 092 06 W	True platform direction (deg)	312
Platform activity	Anchored - cargo ops	Observation side	Starboard Port
Visibility (km)	>10	Height of eye (m)	25m
Weather code	bc	Outdoors or Indoors	Out or In
Glare conditions code★	Ø	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	★ Distance[1]	Assoc.	Behav.	★ Flight Direc.[2]	★ Age[3]	★ Plum.[4]	Sex	Comments
HERE	4	BOTH	NO	/	/	27	090	/	/	F/M	

★Refer to "Codes" datasheets

SEABIRD SURVEY PROTOCOL – STATIONARY VESSEL

AGNICO EAGLE

Fill out one sheet per observation period

Company/agency	TRANSPORT DESLAURIERS.	Weather code★	C
Platform name and type	MIRA DESLAURIERS.	Glare conditions code ★	Ø
Observer (s)	J. OXFORD.	Sea state code ★	2
Date (DD/MMM/YYYY)	20-07-2019.	Wave height (m)	<1m.
Time at start (UTC)	1830	True wind speed (knots) OR Beaufort code ★	B-4
Latitude	6246N	True wind direction (deg)	000.
Longitude	092 06W.	Ice type code ★	11.
Platform activity	Anchor - CARGO OPS.	Ice concentration code★	Ø.
Scan type	180° or other (specify:)	Height of eye (m)	25m.
Scan direction	NORTH.	Outdoors or Indoors	Out or In
Visibility (km)	>10.		

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
					NIL						

★Refer to "Codes" datasheets

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	DESGAGNES	Sea state code	2
Platform name and type	ZELADA DESGAGNES	Wave height (m)	0.6
Observer (s)	AB, Cadet and officer (2nd)	True wind speed (knots) **OR** Beaufort code	2
Date (DD/MMM/YYYY)	12/07/2014	True wind direction (deg)	VAR
Time at start (UTC)	1700	Ice type code	~~VAR~~ 5
Time at end (UTC)	2000	Ice concentration code	~~5~~ 0
Latitude at start / end	61°18.0'N / 61°37.4' N	True platform speed (knots)	~~0~~ 13.4
Longitude at start / end	68°14.1'W / 69°26.3'W	True platform direction (deg)	~~13.4~~ 295
Platform activity	TRANSIT TO RANKIN INLET	Observation side	Starboard / Port / Both
Visibility (km)	60 km	Height of eye (m)	~30m
Weather code	0	Outdoors or Indoors	Out / In / Both
Glare conditions code	2	Snapshot used?	Yes / No

Notes: Birds mostly rest on small bergy and Iceberg. Few only were seen flying (variable direction)

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
NOFU	100+	Fly/W	YES	A-D			N/A	A	M	F/M		
TBMU	100+	Fly/W	YES	A-D			N/A	A	M	F/M		

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N, NE, E, SE, S, SW, W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

AGNICO EAGLE

MMSO training attendance sheet

Topic: MMSO procedures
Date:
Compagny: Desgagnés
Boat :

Name (Print)	Signature
Emmanuel Maurice	
Valérie Caron	
Nicolas Brunelle	
Desmond Inaksajak	
Simon Kodlerkolerk	Simon Peter
Emmanuel Maurice	
Valérie Caron	

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	Desgagnés Marine Corp.		Sea state code	3
Platform name and type	THORCO ISADORA		Wave height (m)	1m
Observer (s)	Desmond Inuksajak		True wind speed (knots) **OR** Beaufort code	4 – 5
Date (DD/MMM/YYYY)	26/09/2019		True wind direction (deg)	SE (130°)
Time at start (UTC)	10:00 Hour		Ice type code	None
Time at end (UTC)	12:00 Hour		Ice concentration code	—
Latitude at start / end	60°, 28.49	60°, 32.31	True platform speed (knots)	12 knts
Longitude at start / end	064°, 14.59	064°, 59.87	True platform direction (deg)	280°
Platform activity			Observation side	Starboard / Port
Visibility (km)	55 km		Height of eye (m)	30
Weather code	0		Outdoors or Indoors	Out or In
Glare conditions code			Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
Herring Gull	1	fly		5 m		Scavenging	035° Head	—	—		Appears to be following
Herring Gull	1	fly		70 m		Scavenging	307° Head	—	—		Appears to be following
Herring Gull	1	fly		10 m		Scavenging	—	—	—		Appears to be following
Herring Gull	5	fly		90 m		Scavenging	—	—	—		Following as a Group
Herring Gull	9	fly		90 m		Scavenging	—	—	—		Following as a Group
Herring Gull	3	fly		100 m		Scavenging	—	—	—		Following as a Group
Herring Gull	11	fly		50 to 150m		Scavenging	—	—	—		Scattered Group following
Herring Gull	15	fly		50 to 150m		Scavenging	—	—	—		Scattered Group following Same Group
Herring Gull	120+	water		50 to 120m		Swimming	—	—	—		
Herring Gull	2	fly		150 m		Scavenging	—	—	—		
Herring Gull	10	fly		150 m		Scavenging	—	—	—		Multiplying Group following
Herring Gull	3	fly		100 m		Scavenging	—	—	—		Following

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	Desgagnés Transportile	Sea state code	3
Platform name and type	Thorco Isadora / General Cargo	Wave height (m)	1 m
Observer (s)	Dermond Inaksajak	True wind speed (knots) **OR** Beaufort code	7-8
Date (DD/MMM/YYYY)	27/09/2019	True wind direction (deg)	180°
Time at start (UTC)	10:00 h => 1400 z	Ice type code	None
Time at end (UTC)	12:00 h => 1600 z	Ice concentration code	None
Latitude at start / end	62°, 24.41 / 62°, 24.47	True platform speed (knots)	14 knts
Longitude at start / end	074°, 43.86 / 075°, 41.28	True platform direction (deg)	284°
Platform activity	Underway	Observation side	Starboard / Port
Visibility (km)	40~50 km	Height of eye (m)	30
Weather code	0-1	Outdoors or Indoors	Out or In
Glare conditions code		Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
Herring Gull	1	fly		400m		Scavenging					
Herring Gull	1	fly the water		200m		Observing					

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	Desgagnés Transartik	Sea state code	2
Platform name and type	Theresa Isadora / general cargo	Wave height (m)	1
Observer (s)	Desmond Inaksajak	True wind speed (knots) **OR** Beaufort code	3
Date (DD/MMM/YYYY)	28/09/2019	True wind direction (deg)	110°
Time at start (UTC)	~~10:00 h~~ 14:00 UTC	Ice type code	None
Time at end (UTC)	16:00 UTC	Ice concentration code	None
Latitude at start / end	62°49.58 / 62° 53.95	True platform speed (knots)	13.5
Longitude at start / end	085° 16.50 / 086° 15.50	True platform direction (deg)	248 - 282
Platform activity	Underway	Observation side	Starboard Port
Visibility (km)	4~5	Height of eye (m)	30
Weather code	2-4	Outdoors or Indoors	Out or In
Glare conditions code		Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
Herring Gull	1	fly		300 m		Scavenging					
Herring Gull	1	fly		200 m		Scavenging					
Herring Gull	1	fly		400 m		Scavenging					
TBMU	1	water		100 m		Swimming					
HERG	2	fly		100 m		Scavenging					
HERG	1	fly		100 m		Scavenging					
HERG	1	fly		400 m		Scavenging					

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	Desgagnés Transarctic	Sea state code	1
Platform name and type	Thorco Isadore	Wave height (m)	0
Observer (s)	Desmond Inaksujak	True wind speed (knots) **OR** Beaufort code	3
Date (DD/MMM/YYYY)	30/09/2019	True wind direction (deg)	300°
Time at start (UTC)	16:00 UTC	Ice type code	None
Time at end (UTC)	20:00 UTC	Ice concentration code	None
Latitude at start / end	63°31.69 / 63°45.11	True platform speed (knots)	12 Knt
Longitude at start / end	091°01.32 / 092°16.42	True platform direction (deg)	Pilotage
Platform activity	Underway.	Observation side	Starboard Port
Visibility (km)	25 - 30	Height of eye (m)	30m.
Weather code	1	Outdoors or Indoors	Out or In
Glare conditions code		Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
HerringGull	1	fly		300m		Scavenging					
COLO	1	fly		200m		Scavenging					
Falcon	1	fly		100m		Scavenging					
HERG	1	fly		400m		Scavenging					
GLGU	1	fly		200m		Scavenging					
~~HERG~~	~~1~~	~~fly~~									

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency		Sea state code	
Platform name and type		Wave height (m)	
Observer (s)	Desmond Inaksajak	True wind speed (knots) **OR** Beaufort code	
Date (DD/MMM/YYYY)	18/10/2019	True wind direction (deg)	
Time at start (UTC)	16:00 UTC	Ice type code	
Time at end (UTC)	18:00 UTC	Ice concentration code	
Latitude at start / end	62° 26.54 / 62° 39.03	True platform speed (knots)	
Longitude at start / end	080°, 50.40 / 079°, 49.37	True platform direction (deg)	
Platform activity		Observation side	Starboard Port
Visibility (km)		Height of eye (m)	
Weather code		Outdoors or Indoors	Out or In
Glare conditions code		Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
Common loon	3	fly		100m		Travelling					
Thick billed murre	4	fly		100m		Travelling					
Thick billed murre	5	fly		150m		Scavenging					
HERG	1	fly		150m		Scavenging					
Thick billed murre	1	fly		150m		Travelling					
HERG	4	fly		150m		Scavenging					
Common loon	14	fly		100m		Travelling					Seems to be [redacted] following
HERG	2	fly		100m		Travelling					
Thick billed murre	1	fly		100m		Travelling					looks like searching for the pack
Thick billed murre	2	water		100m		Hunting					birds dive down to hunt
Northern fulmar	1	fly		70m		Travelling					
Thick billed murre	7	fly		300m		Travelling					
HERG	1	fly		100m		Scavenging					
Thick billed murre	1	fly		100m		Scavenging					
common loon	3	fly		150m		Travelling					
Thick billed murre	4	fly		150m		Travelling					
Northern fulmar	3	fly		150m		Scavenging					
HERG	1	fly		100m		Travelling					

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	Desgagnés Transartik	Sea state code	1
Platform name and type	Thorco Isadora	Wave height (m)	0
Observer (s)	Simon Peter	True wind speed (knots) **OR** Beaufort code	3
Date (DD/MMM/YYYY)	30/09/2019	True wind direction (deg)	320°
Time at start (UTC)	20:00 UTC	Ice type code	None
Time at end (UTC)	~~23~~ 23°5 UTC	Ice concentration code	None
Latitude at start / end	63° 45.1 / 63° 57.6	True platform speed (knots)	10 Knot
Longitude at start / end	092° 19.5 / 093° 32.4	True platform direction (deg)	Pilotage
Platform activity	Underway	Observation side	Starboard Port
Visibility (km)	10 km	Height of eye (m)	30m
Weather code	1	Outdoors or Indoors	Out or (In)
Glare conditions code		Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
HERG	1	Fly		100 m		scavenging					
HERG	1	Fly		50 m		scavenging					
HERG	2	water		100 m		scavenge					

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency		Sea state code	
Platform name and type		Wave height (m)	
Observer (s)	Simon Peter	True wind speed (knots) **OR** Beaufort code	
Date (DD/MMM/YYYY)	17/Oct/2019	True wind direction (deg)	
Time at start (UTC)	14:26	Ice type code	
Time at end (UTC)	15:58	Ice concentration code	
Latitude at start / end	63° 53.2 / 63° 45.1	True platform speed (knots)	
Longitude at start / end	092° 55.4 / 092° 22.3	True platform direction (deg)	
Platform activity		Observation side	Starboard Port
Visibility (km)		Height of eye (m)	
Weather code		Outdoors or Indoors	Out or In
Glare conditions code		Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
DUCK	1	Fly		50m							
HERG	1	Fly		200m							

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency			Sea state code	
Platform name and type			Wave height (m)	
Observer (s)	Desmond Inaksajak		True wind speed (knots) **OR** Beaufort code	
Date (DD/MMM/YYYY)	17/10/2019		True wind direction (deg)	
Time at start (UTC)	16:00 UTC		Ice type code	
Time at end (UTC)	20:09 UTC		Ice concentration code	
Latitude at start / end	63° 45.10	63° 26.54	True platform speed (knots)	
Longitude at start / end	092° 20.42	090° 47.88	True platform direction (deg)	
Platform activity			Observation side	Starboard Port
Visibility (km)			Height of eye (m)	
Weather code			Outdoors or Indoors	Out or In
Glare conditions code			Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
HERG	1	fly		300m		Scavenging					
HERG	1	fly		50m		Scavenging					Followed for 100m then flied away

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency		Sea state code	
Platform name and type		Wave height (m)	
Observer (s)	Simon Peter	True wind speed (knots) **OR** Beaufort code	
Date (DD/MMM/YYYY)	18/Oct/2019	True wind direction (deg)	
Time at start (UTC)	13:59	Ice type code	
Time at end (UTC)	16:00	Ice concentration code	
Latitude at start / end	62° 11.9 / 62° 26.2	True platform speed (knots)	
Longitude at start / end	081° 53.5 / 080° 51.7	True platform direction (deg)	
Platform activity		Observation side	Starboard Port
Visibility (km)		Height of eye (m)	
Weather code		Outdoors or Indoors	Out or In
Glare conditions code		Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
LTJA	4	Fly		200m							
COLO	8	Fly		400m							
POJA	1	Fly		250m							
PALO	2	water		100m							
COLO	2	Fly		300m							
DUCK	2	Fly		400m							
HERG	3	water		200m							
LTJA	2	Fly		100m							
HERG	1	Fly		100m							

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency			Sea state code	
Platform name and type			Wave height (m)	
Observer (s)	Simon Peter		True wind speed (knots) **OR** Beaufort code	
Date (DD/MMM/YYYY)	19/Oct/2019		True wind direction (deg)	
Time at start (UTC)	13:59		Ice type code	
Time at end (UTC)	15:59		Ice concentration code	
Latitude at start / end	61°06.3	61°01.9	True platform speed (knots)	
Longitude at start / end	069°33.7	068°33.1	True platform direction (deg)	
Platform activity			Observation side	Starboard Port
Visibility (km)			Height of eye (m)	
Weather code			Outdoors or Indoors	Out or In
Glare conditions code			Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
HERG	1	Fly		300m							
HERG	1	Fly		500m							
NOFU	1	Fly		100m							
NOFU	1	Fly		400m							
BLKI	2	Fly		200m							
GLGU	1	Fly		50m							
HERG	2	Fly		100m							
BLKI	4	Fly		50m							
GLGU	1	Fly		30m							
HERG	2	Fly		50m							
BLKI	6	Fly		300m							
GLGU	1	water		100m							
NOFU	2	water		150m							
DUCK	1	Fly		400m							

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency			Sea state code	
Platform name and type			Wave height (m)	
Observer (s)	Desmond Inuksajak		True wind speed (knots) **OR** Beaufort code	
Date (DD/MMM/YYYY)	19/10/2019		True wind direction (deg)	
Time at start (UTC)	16:00 UTC		Ice type code	
Time at end (UTC)	18:02 UTC		Ice concentration code	
Latitude at start / end	61°71.09	60°51.64	True platform speed (knots)	
Longitude at start / end	068°32.09	067°32.91	True platform direction (deg)	
Platform activity			Observation side	Starboard Port
Visibility (km)			Height of eye (m)	
Weather code			Outdoors or Indoors	Out or In
Glare conditions code			Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
COLO	1	fly		100m		Travelling					
TBMU	4	fly		150m		Travelling					
TBMU	5	fly		100m		Scavenging					
NOFU	1	fly		50m		Scavenging					
TBMU	2	fly		150m		Travelling					
TBMU	1	fly from water		150m		Scavenging					
NOFU	1	fly		50m		Scavenging					
HERG	1	fly		150m		Scavenging					
GLGU	1	fly		50m		Scavenging					
Ruddy turnstone	1	Dock		0m		on board					Bird appears to be on board
TBMU	3	fly		200m		Travelling					
TBMU	4	fly		50m		Travelling					
GLGU	4	fly		100m		Scavenging					
HERG	2	fly		150m		Scavenging					
TBMU	1	fly		150m		Travelling					
GLGU	1	fly		50m		Scavenging					
HERG	1	fly		200m		Scavenging					

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency	Desgagnés Transartik		Sea state code ★	3
Platform name and type	Thorco Isadore / General Cargo		Wave height (m)	1m
Observer (s)	Desmond Inaksojak		True wind speed (knots) OR Beaufort code ★	4-5
Date (DD/MMM/YYYY)	26/09/2019		True wind direction	135°
Time at start (UTC)	1400		Ice type code ★	None
Time at end (UTC)	1600		Ice concentration code ★	None
Latitude at start / end	60° 28.3' N	60° 32.4' N ~~064°~~	True platform speed (knots)	12 knts
Longitude at start / end	064° 14.4' W	065° 00.2' W	True platform direction	280°
Visibility (km)	55 km		Observation side	Starboard Port (Middle)
Weather code ★	0		Height of eye (m)	30
Glare conditions code ★			Outdoors or Indoors	Out or (In)
Platform Activity	Underway		Notes	No observations.

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency	Desgagnés Transitik		Sea state code ★	3
Platform name and type	Thorco Isuborn / general cargo.		Wave height (m)	1m
Observer (s)	Desmond Inaksajak		True wind speed (knots) OR ★ Beaufort code	7-8
Date (DD/MMM/YYYY)	27/09/2019		True wind direction	185°
Time at start (UTC)	1400 z		Ice type code★	None
Time at end (UTC)	1600 z		Ice concentration code ★	None
Latitude at start / end	62°24,41	62°24,47	True platform speed (knots)	14 Knt
Longitude at start / end	074°43,86	075°41,28	True platform direction	280°
Visibility (km)	40-50 Km.		Observation side	Starboard Port Middle
Weather code ★	0-1		Height of eye (m)	30 m.
Glare conditions code ★			Outdoors or Indoors	Out or In
Platform Activity	Underway		Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behavior/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No Observations.

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Deggagnis Transartik	Sea state code ★	2
Platform name and type	Thorco Isabella / general cargo	Wave height (m)	1
Observer (s)	Desmond Inuksajak	True wind speed (knots) OR ★ Beaufort code	3
Date (DD/MMM/YYYY)	28/09/2019	True wind direction	110°
Time at start (UTC)	1400 utc	Ice type code ★	None
Time at end (UTC)	1600 utc	Ice concentration code ★	None
Latitude at start / end	62°49.6'N	True platform speed (knots)	13.5
Longitude at start / end	085°16.5'W	True platform direction	248 - 282
Visibility (km)	4~5 Km	Observation side	Starboard Port Middle
Weather code ★	2-4	Height of eye (m)	30
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Underway	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observation

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency	Desgagnés Transitaire		Sea state code ★	1
Platform name and type	Thorco Isadora / General Cargo		Wave height (m)	0
Observer (s)	Desmond Inaksojak		True wind speed (knots) OR ★ Beaufort code	3
Date (DD/MMM/YYYY)	30/09/2019		True wind direction	300°
Time at start (UTC)	16:00		Ice type code ★	None
Time at end (UTC)	20:00		Ice concentration code ★	None
Latitude at start / end	63°31.7'N	63°45.1'N	True platform speed (knots)	~ 12 knt
Longitude at start / end	091°01.32'W	092°16.4'W	True platform direction	Pilotage
Visibility (km)	25-30		Observation side	Starboard Port Middle
Weather code ★	1		Height of eye (m)	30m
Glare conditions code ★			Outdoors or Indoors	Out or In
Platform Activity	Pilotage		Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behavior/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency	Desgagnés / Transartite		Sea state code ★	1
Platform name and type	Thorco Isadora / General Cargo		Wave height (m)	0
Observer (s)	Simon Peter		True wind speed (knots) OR ★ Beaufort code	3
Date (DD/MMM/YYYY)	30/09/2019		True wind direction	320°
Time at start (UTC)	20 00		Ice type code★	None
Time at end (UTC)	23:05		Ice concentration code ★	None
Latitude at start / end	63°45.1'N	63°57.4'N	True platform speed (knots)	~ 10 Knt
Longitude at start / end	092°19.5'W	093°35.1'W	True platform direction	Pilotage
Visibility (km)	10 Km		Observation side	Starboard Port Middle
Weather code ★	1		Height of eye (m)	30 m
Glare conditions code ★			Outdoors or Indoors	Out or In
Platform Activity	Pilotage		Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long (Decimal GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnes Transartik	Sea state code ★	0
Platform name and type	Thorco Isadora / General cargo	Wave height (m)	0
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	2
Date (DD/MMM/YYYY)	01 / 10 / 2019	True wind direction	WNW
Time at start (UTC)	1700	Ice type code ★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63° 57.4' N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35.1' W	True platform direction	
Visibility (km)	25 km	Observation side	Starboard Port Middle
Weather code ★	0	Height of eye (m)	30m
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Anchor, unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	Desgagnés Transartite	Sea state code ★	0
Platform name and type	Thorco Isabelorei / General cargo	Wave height (m)	0
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	Lt airs
Date (DD/MMM/YYYY)	02 / 10 / 2019	True wind direction	VAR
Time at start (UTC)	1700	Ice type code ★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63° 57.4'N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35.1'W	True platform direction	
Visibility (km)	15- 20	Observation side	Starboard Port Middle
Weather code ★	1	Height of eye (m)	30m
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	Desgagnés Transartile	Sea state code ★	1
Platform name and type	Thorco Isadora \ General Carege	Wave height (m)	0.5
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	Lt airs
Date (DD/MMM/YYYY)	03/10/2019	True wind direction	VAR
Time at start (UTC)	1700	Ice type code ★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63° 57,4'N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35,1'W	True platform direction	
Visibility (km)	30 - 40	Observation side	Starboard Port Middle
Weather code ★	1	Height of eye (m)	30m
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Decimal DPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnés Transarctik	Sea state code ★	0-1
Platform name and type	Thorne Isadora / General cargo	Wave height (m)	0.5
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	3
Date (DD/MMM/YYYY)	04 / 10 / 2019	True wind direction	SW
Time at start (UTC)	1700	Ice type code ★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63°57.4'N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35.8'W	True platform direction	
Visibility (km)	30-40	Observation side	Starboard Port Middle
Weather code ★	0-1	Height of eye (m)	30 m.
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	No Sighting? (Y or N)	Sighting Waypoint or Lat/Long (Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations.

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnés Transitik	Sea state code ★	1
Platform name and type	Thorco Esuabore / General cargo	Wave height (m)	0.5
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	4
Date (DD/MMM/YYYY)	05 / 10 / 2019	True wind direction	SE
Time at start (UTC)	1700	Ice type code★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63° 57.4'N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35.1'W	True platform direction	
Visibility (km)	2-3	Observation side	Starboard Port Middle
Weather code ★	2-3	Height of eye (m)	30
Glare conditions code ★		Outdoors or indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather/ Sea State ★	Re-Sighting? (Y or N)	Sighting Proportal or Lat/Longitude (GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnés Transartik	Sea state code ★	0
Platform name and type	Tronco Isabore / General cargo	Wave height (m)	-1
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	5
Date (DD/MMM/YYYY)	06 / 10 / 2019	True wind direction	N
Time at start (UTC)	1700	Ice type code★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63° 57.4' N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35.2' W	True platform direction	
Visibility (km)	30-40	Observation side	Starboard Port Middle
Weather code ★	0	Height of eye (m)	30m
Glare conditions code ★		Outdoors or indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Longitude (GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnes Transartik	Sea state code ★	1
Platform name and type	Thorco Isadora / General cargo	Wave height (m)	0.5
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	2
Date (DD/MMM/YYYY)	07 / 10 / 2019	True wind direction	SE
Time at start (UTC)	1700	Ice type code ★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63° 57.41' N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35.2' W	True platform direction	
Visibility (km)	30 - 40	Observation side	Starboard Port Middle
Weather code ★	1	Height of eye (m)	30 m
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long/Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnés Transitik	Sea state code ★	2
Platform name and type	Thorco Isadora / General cargo	Wave height (m)	1m
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	8
Date (DD/MMM/YYYY)	08 / 10 / 2019	True wind direction	SE
Time at start (UTC)	1700	Ice type code★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63° 57.4' N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35.8' W	True platform direction	
Visibility (km)	20-30	Observation side	Starboard Port Middle
Weather code ★	4	Height of eye (m)	30m
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long (Decimal GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnés Transartik	Sea state code ★	2
Platform name and type	Thorco Isadora / General cargo	Wave height (m)	1m
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	6
Date (DD/MMM/YYYY)	09 /10 / 2019	True wind direction	South
Time at start (UTC)	1700	Ice type code★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63° 57.4' N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35.2' W	True platform direction	
Visibility (km)	15-20	Observation side	Starboard Port Middle
Weather code ★	7	Height of eye (m)	30m
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	No operations	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long/Datum (GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnés Transarctic	Sea state code ★	2
Platform name and type	Thorco Isabru / General Cargo	Wave height (m)	1
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	6
Date (DD/MMM/YYYY)	10 / 10 / 2019	True wind direction	NW
Time at start (UTC)	1700	Ice type code★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63° 57,4' N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35,2' W	True platform direction	
Visibility (km)	15-20	Observation side	Starboard Port Middle
Weather code ★	1	Height of eye (m)	30m
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	No operations	Notes	

★Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations.

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnés Transarctik	Sea state code ★	1
Platform name and type	Thorco Isabeau / General cargo	Wave height (m)	0.5
Observer (s)	Nicolas Brouillé	True wind speed (knots) OR ★ Beaufort code	4
Date (DD/MMM/YYYY)	11/10/2019	True wind direction	NW
Time at start (UTC)	1700	Ice type code ★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63°57.4N	True platform speed (knots)	Anchor
Longitude at start / end	093°35.1N	True platform direction	
Visibility (km)	20-30	Observation side	Starboard Port Middle
Weather code ★	1	Height of eye (m)	30m
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	No operations	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Decmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnés Transportik	Sea state code ★	1
Platform name and type	Thorco Isabore / General Cargo	Wave height (m)	0.5
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	3
Date (DD/MMM/YYYY)	12/10/2019	True wind direction	Sce
Time at start (UTC)	1700	Ice type code ★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63° 57.4'N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35.8'W	True platform direction	
Visibility (km)	30	Observation side	Starboard Port Middle
Weather code ★	0 - 1	Height of eye (m)	30m
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations.

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnes Transportik	Sea state code ★	1
Platform name and type	Thorco Isadora / General cargo	Wave height (m)	1
Observer (s)	Nicolas Burelle	True wind speed (knots) OR ★ Beaufort code	4
Date (DD/MMM/YYYY)	13 / 10 / 2019	True wind direction	SW (240)
Time at start (UTC)	1700	Ice type code ★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63° 57.3'N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35.1'W	True platform direction	
Visibility (km)	30	Observation side	Starboard Port Middle
Weather code ★	1	Height of eye (m)	30
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations.

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnés Transarctik	Sea state code ★	1
Platform name and type	Thorco ISADORA / General cargo	Wave height (m)	0.5
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	4
Date (DD/MMM/YYYY)	14 / 10 / 2019	True wind direction	N
Time at start (UTC)	17 00	Ice type code★	None
Time at end (UTC)	19 00	Ice concentration code ★	None
Latitude at start / end	63° 57.1' N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35.3' W	True platform direction	
Visibility (km)	~ 15	Observation side	Starboard Port Middle
Weather code ★	7	Height of eye (m)	30
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations.

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnes Transartik	Sea state code ★	1
Platform name and type	Thorco Isadore / General cargo	Wave height (m)	0.5m
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	3
Date (DD/MMM/YYYY)	15/10/2019	True wind direction	N
Time at start (UTC)	1700	Ice type code ★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63°57,2'N	True platform speed (knots)	—
Longitude at start / end	093°35,1'W	True platform direction	—
Visibility (km)	20 - 30	Observation side	Starboard Port Middle
Weather code ★	0	Height of eye (m)	30
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnés Transportile	Sea state code ★	1
Platform name and type	Thorco ISADORA / General cargo	Wave height (m)	0.5m
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	Lt airs
Date (DD/MMM/YYYY)	16 / 10 / 2019	True wind direction	VAR
Time at start (UTC)	63° 57, 2' N	Ice type code★	None
Time at end (UTC)	093° 35, 1' W	Ice concentration code ★	None
Latitude at start / end	1700 Z	True platform speed (knots)	
Longitude at start / end	19 00 Z	True platform direction	
Visibility (km)	20 - 30	Observation side	Starboard Port Middle
Weather code ★	2	Height of eye (m)	30m
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations.

★ Refer to "Codes" datasheets

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Marine Cargo	Weather code	7
Platform name and type	THORCO ISADORA	Glare conditions code	
Observer (s)	Desmond Iraksajak	Sea state code	2
Date (DD/MMM/YYYY)	29/09/2019	Wave height (m)	1
Time at start (UTC)	1400 UTC	True wind speed (knots) **OR** Beaufort code	30-40
Latitude	1600 UTC	True wind direction (deg)	330°
Longitude	63°31,1'N 091°04,5'W	Ice type code	None
Platform activity	Stationary	Ice concentration code	None
Scan type	180° or other (specify: 360°)	Height of eye (m)	30m
Scan direction		Outdoors or Indoors	Out or In
Visibility (km)	20 km		

Notes: No observation.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transartik	Weather code	0
Platform name and type	Thorco Isabora	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	0
Date (DD/MMM/YYYY)	01 / 10 / 2019	Wave height (m)	0
Time at start (UTC)	23 30 z	True wind speed (knots) **OR** Beaufort code	2
Latitude 63°57,2'N	~~01 00 z 02/10~~	True wind direction (deg)	WNW
Longitude 093°35,4'W		Ice type code	None
Platform activity	At anchor, unloading	Ice concentration code	None
Scan type	180° or other (specify:)	Height of eye (m)	32 m
Scan direction	W	Outdoors or Indoors	Out or In
Visibility (km)	25 km		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transarctik	Weather code	1
Platform name and type	Thorco Isadora	Glare conditions code	1
Observer (s)	Nicolas Brunelle	Sea state code	0
Date (DD/MMM/YYYY)	02 / 10 / 2019	Wave height (m)	0
Time at start (UTC)	17h00	True wind speed (knots) **OR** Beaufort code	Lt airs
Latitude	63° 57,2'N	True wind direction (deg)	Lt airs.
Longitude	093° 35,1'w	Ice type code	None
Platform activity	Anchor	Ice concentration code	None
Scan type	180° or other (specify:)	Height of eye (m)	31m
Scan direction	West	Outdoors or Indoors	Out or In
Visibility (km)	15-20 km		

Notes:

No observations

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transartik	Weather code	1
Platform name and type	Thorco Isadora / General Cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	1
Date (DD/MMM/YYYY)	03/10/2019	Wave height (m)	0.5
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	Lt airs
Latitude	63° 57.36' N	True wind direction (deg)	Variable
Longitude	093° 35.12' W	Ice type code	None
Platform activity	Unloading.	Ice concentration code	None
Scan type	180° or other (specify: Ahead)	Height of eye (m)	30m
Scan direction	320° (NW)	Outdoors or Indoors	Out or In
Visibility (km)	30 - 40		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transportes	Weather code	0-1
Platform name and type	Thorco Isadora / cargo general	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	0-1
Date (DD/MMM/YYYY)	04/10/2019	Wave height (m)	0.5
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	3
Latitude	63° 57.36' N	True wind direction (deg)	SW
Longitude	093° 35.14' W	Ice type code	None
Platform activity	Unloading.	Ice concentration code	None
Scan type	180° or other (specify: Ahead)	Height of eye (m)	30m
Scan direction	SW	Outdoors or Indoors	Out or In
Visibility (km)	30-40		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transitile	Weather code	2-3
Platform name and type	Thorco Isadora / cargo general	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	1
Date (DD/MMM/YYYY)	05/10/2019	Wave height (m)	0.5m
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	4
Latitude	63° 57.36' N	True wind direction (deg)	SE
Longitude	093° 39.14' W	Ice type code	None
Platform activity	Unloading	Ice concentration code	None
Scan type	180° or other (specify: a Neud)	Height of eye (m)	30m
Scan direction	SE	Outdoors or Indoors	Out or In
Visibility (km)	2-3		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transartik	Weather code	0
Platform name and type	Thorco Isadora / General cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	1
Date (DD/MMM/YYYY)	06 / 10 / 2019	Wave height (m)	0.5m
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	5
Latitude	63°57.4'N	True wind direction (deg)	N
Longitude	093°35.16'W	Ice type code	None
Platform activity	Unloading	Ice concentration code	None
Scan type	180° or other (specify: ahead)	Height of eye (m)	30m
Scan direction	N	Outdoors or Indoors	Out or In
Visibility (km)	30-40 Km		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transartik	Weather code	1
Platform name and type	Thorco Isadora / General cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	1
Date (DD/MMM/YYYY)	07 / 10 / 2019	Wave height (m)	0.5m
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	2
Latitude	63° 57.36' N	True wind direction (deg)	SE
Longitude	093° 35.2' W	Ice type code	None
Platform activity	Unloading	Ice concentration code	None
Scan type	180° or other (specify: ahead)	Height of eye (m)	30m
Scan direction	ESE	Outdoors or Indoors	Out or In
Visibility (km)	30 - 40		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transartik	Weather code	4
Platform name and type	Thorco Isadora / General cargo	Glare conditions code	
Observer (s)	Nicolas Barrette	Sea state code	7
Date (DD/MMM/YYYY)	08/10/2019	Wave height (m)	1m
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	8
Latitude	63° 57.4' N	True wind direction (deg)	SE
Longitude	093° 35.2' W	Ice type code	None
Platform activity	Unloading	Ice concentration code	None
Scan type	180° or other (specify: ahead)	Height of eye (m)	30m
Scan direction	SE	Outdoors or Indoors	Out or ~~In~~
Visibility (km)	20 - 30		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transartik	Weather code	7
Platform name and type	Thorco Isabora / General Cargo	Glare conditions code	
Observer (s)	Nicolas Branelle	Sea state code	2
Date (DD/MMM/YYYY)	09/10/2019	Wave height (m)	1m
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	6
Latitude	63° 57,4' N	True wind direction (deg)	South
Longitude	093° 35,2' W	Ice type code	None
Platform activity	No operations	Ice concentration code	None
Scan type	180° or other (specify: ahead)	Height of eye (m)	30m
Scan direction	South	Outdoors or Indoors	Out or In
Visibility (km)	15-20		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnes Transportile	Weather code	1
Platform name and type	Thorco Isadora / General cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	2
Date (DD/MMM/YYYY)	10 / 10 / 2014	Wave height (m)	1
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	6
Latitude	63° 57.4' N	True wind direction (deg)	NW
Longitude	093° 35.2' W	Ice type code	None
Platform activity	No operations	Ice concentration code	None
Scan type	180° or other (specify: Ahuel.)	Height of eye (m)	30m
Scan direction	NW	Outdoors or Indoors	Out or ~~In~~
Visibility (km)	15-20		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transartite	Weather code	1
Platform name and type	Tronco Isadora / General cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	1
Date (DD/MMM/YYYY)	11 / 10 / 2019	Wave height (m)	0.5m
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	4
Latitude	63° 57.4' N	True wind direction (deg)	NW
Longitude	093° 35.2' W	Ice type code	None
Platform activity	No operations	Ice concentration code	None
Scan type	180° or other (specify: ahead)	Height of eye (m)	30m
Scan direction	W	Outdoors or Indoors	Out or In
Visibility (km)	20-30		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transportek	Weather code	0-1
Platform name and type	Thorco Isabella / General Cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	1
Date (DD/MMM/YYYY)	12/10/2019	Wave height (m)	0.5
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	3
Latitude	63° 57,4'N	True wind direction (deg)	SW
Longitude	093° 35,2'W	Ice type code	None
Platform activity	Unloading	Ice concentration code	None
Scan type	180° or other (specify: ahead)	Height of eye (m)	30 m
Scan direction	SW	Outdoors or Indoors	Out or In
Visibility (km)	30		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transartik	Weather code	1
Platform name and type	Thorco Isabella / General cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	1
Date (DD/MMM/YYYY)	13/10/2019	Wave height (m)	1
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	4
Latitude	63° 57.3'N	True wind direction (deg)	SW (240)
Longitude	093° 35.1'W	Ice type code	None
Platform activity	Unloading	Ice concentration code	None
Scan type	180° or other (specify: Ahead)	Height of eye (m)	30
Scan direction	South-west	Outdoors or Indoors	Out or In
Visibility (km)	30		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnes Transartik	Weather code	7
Platform name and type	Thorco Isadora general cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	1
Date (DD/MMM/YYYY)	14 / 10 / 2019	Wave height (m)	0.5
Time at start (UTC)	17 00	True wind speed (knots) **OR** Beaufort code	4
Latitude	63° 57.1' N	True wind direction (deg)	N
Longitude	093° 35.3' W	Ice type code	None
Platform activity	Unloading	Ice concentration code	None
Scan type	180° or other (specify: ahead)	Height of eye (m)	30
Scan direction	N	Outdoors or Indoors	Out or In
Visibility (km)	~ 10		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnes Transartik	Weather code	0
Platform name and type	Thorco Isadora / general cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	1
Date (DD/MMM/YYYY)	15/10/2019	Wave height (m)	0.5
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	3
Latitude	63° 57.2'N	True wind direction (deg)	N
Longitude	093° 35.1'W	Ice type code	None
Platform activity	Unloading	Ice concentration code	None
Scan type	180° or other (specify: ahead)	Height of eye (m)	30m
Scan direction	N	Outdoors or Indoors	Out or In
Visibility (km)	20 - 30		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transportek	Weather code	2
Platform name and type	Thorco Isadora / cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	1
Date (DD/MMM/YYYY)	16 / 10 / 2019	Wave height (m)	0.5
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	LE airs
Latitude	63° 57.1' N	True wind direction (deg)	VAR
Longitude	083° 35.1' W	Ice type code	None
Platform activity	unloading	Ice concentration code	None
Scan type	180° or other (specify: ahead)	Height of eye (m)	30
Scan direction	NW	Outdoors or Indoors	Out or In
Visibility (km)	20-30		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency		Weather code	
Platform name and type		Glare conditions code	
Observer (s)		Sea state code	
Date (DD/MMM/YYYY)	19/10/2019	Wave height (m)	
Time at start (UTC)	16:00 UTC / 18:02 UTC	True wind speed (knots) **OR** Beaufort code	
Latitude	61°, 71.09 / 60°, 51.64	True wind direction (deg)	
Longitude	068°, 32.09 / 067°, 32.91	Ice type code	
Platform activity		Ice concentration code	
Scan type	180° or other (specify:)	Height of eye (m)	
Scan direction		Outdoors or Indoors	Out or In
Visibility (km)			

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
NOFU	1	fly		100m		Scavenging					
NOFU	2	fly		50m		Scavenging					

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency		Weather code	
Platform name and type		Glare conditions code	
Observer (s)	Desmond Inalsajak	Sea state code	
Date (DD/MMM/YYYY)		Wave height (m)	
Time at start (UTC)	16:07 UTC / finish at 1807 UTC	True wind speed (knots) **OR** Beaufort code	
Latitude	60°, 31.24 / 60°, 15.21	True wind direction (deg)	
Longitude	064°, 31.61 / 063°, 52.11	Ice type code	
Platform activity		Ice concentration code	
Scan type	180° or other (specify:)	Height of eye (m)	
Scan direction		Outdoors or Indoors	Out or In
Visibility (km)			

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
HERG	1	fly		100 m		Scavenging					
HERG	1	fly		100 m		Scavenging					
NOFU	2	fly		100 m		Scavenging					
NOFU	4	fly		100 m		Scavenging					
NOFU	7	fly		150 m		Scavenging					
NOFU	23	water then fly		150 m		Scavenging					Most are following the vessel
GIGU	1	fly		100 m		Scavenging					another GIGU appeared with the other
NOFU	1	fly		100 m		Scavenging					
HERG	3	fly		150 m		Scavenging					
NOFU	1	fly		100 m		Scavenging					
NOFU	1	fly		150 m		Scavenging					
GIGU	3	fly		100 m		Scavenging					
NOFU	1	fly		150 m		Scavenging					
NOFU	3	fly		50 m		Scavenging					
GIGU	1	fly		50 m		Scavenging					
HERG	1	fly		100 m		Scavenging					
GIGU	1	fly		50 m		Scavenging					
NOFU	1	fly		100 m		Scavenging					

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

GIGU	1	fly	50 m	Scavenging
GIGU	1	fly	100 m	Scavenging
HERG	1	fly	100 m	Scavenging
NOFU	1	fly	50 m	Scavenging
NOFU	2	fly	50 m	Scavenging

GIGU	1	fly	50 m	Scavenging
NOFU	1	fly	50 m	Scavenging

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	Desgagnés Transitik	Sea state code ★	1
Platform name and type	Thorco Fsulore / General cargo	Wave height (m)	0.5
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	4
Date (DD/MMM/YYYY)	05 / 10 / 2019	True wind direction	SE
Time at start (UTC)	1700	Ice type code★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63° 57.4'N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35.1'W	True platform direction	
Visibility (km)	2-3	Observation side	Starboard Port Middle
Weather code ★	2-3	Height of eye (m)	30
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long/Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations.

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	Desgagnés Transartik	Sea state code ★	0
Platform name and type	Truro Isabone / General cargo	Wave height (m)	-1
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	5
Date (DD/MMM/YYYY)	06 / 10 / 2019	True wind direction	N
Time at start (UTC)	1700	Ice type code★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63° 57,4' N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35,2' W	True platform direction	
Visibility (km)	30-40	Observation side	Starboard Port Middle
Weather code ★	0	Height of eye (m)	30m
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Position (Lat/Longitude DD°)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	Desgagnes Transartik	Sea state code ★	1
Platform name and type	Thorco Isadora / General cargo	Wave height (m)	0.5
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	2
Date (DD/MMM/YYYY)	07 / 10 / 2019	True wind direction	SE
Time at start (UTC)	1700	Ice type code ★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63° 57.4' N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35.2' W	True platform direction	
Visibility (km)	30 - 40	Observation side	Starboard Port Middle
Weather code ★	1	Height of eye (m)	30 m
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat Long (Decimal GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations.

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnés Transitik	Sea state code ★	2
Platform name and type	Thorco Isadora / General cargo	Wave height (m)	1m
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	8
Date (DD/MMM/YYYY)	08/10/2019	True wind direction	SE
Time at start (UTC)	1700	Ice type code★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63° 57.4' N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35.8' W	True platform direction	
Visibility (km)	20-30	Observation side	Starboard Port Middle
Weather code ★	4	Height of eye (m)	30m
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behavior/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnés Transartik	Sea state code ★	2
Platform name and type	Thorco Isadora / General cargo	Wave height (m)	1m
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	6
Date (DD/MMM/YYYY)	09 / 10 / 2019	True wind direction	South
Time at start (UTC)	1700	Ice type code★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63° 57.41' N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35.2' W	True platform direction	
Visibility (km)	15-20	Observation side	Starboard Port Middle
Weather code ★	7	Height of eye (m)	30m
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	No operations	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnés Transantitic	Sea state code ★	2
Platform name and type	Thorco Isabrou / General Cargo	Wave height (m)	1
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	6
Date (DD/MMM/YYYY)	10 / 10 / 2019	True wind direction	NW
Time at start (UTC)	1700	Ice type code★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63° 57,4'N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35,2'W	True platform direction	
Visibility (km)	15-20	Observation side	Starboard Port Middle
Weather code ★	1	Height of eye (m)	30m
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	No operations	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations.

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnés Transarctik	Sea state code ★	1
Platform name and type	Thorco Isadora / General cargo	Wave height (m)	0.5
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	4
Date (DD/MMM/YYYY)	11/10/2019	True wind direction	NW
Time at start (UTC)	1700	Ice type code ★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63°57.4'N	True platform speed (knots)	Anchor
Longitude at start / end	093°35.1'N	True platform direction	
Visibility (km)	20-30	Observation side	Starboard Port Middle
Weather code ★	1	Height of eye (m)	30m
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	No operations	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnés Transportik	Sea state code ★	1
Platform name and type	Thorco Isabore / General Cargo	Wave height (m)	0.5
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	3
Date (DD/MMM/YYYY)	12/10/2019	True wind direction	Sw
Time at start (UTC)	1700	Ice type code ★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63° 57.4' N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35.2' W	True platform direction	
Visibility (km)	30	Observation side	Starboard Port Middle
Weather code ★	0 - 1	Height of eye (m)	30m
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (If any)

Notes: No observations.

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnes Transportik	Sea state code ★	1
Platform name and type	Thorco Isadora / General cargo	Wave height (m)	1
Observer (s)	Nicolas Burelle	True wind speed (knots) OR ★ Beaufort code	4
Date (DD/MMM/YYYY)	13 /10 / 2019	True wind direction	SW (240)
Time at start (UTC)	1700	Ice type code★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63° 57.3'N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35.1'W	True platform direction	
Visibility (km)	30	Observation side	Starboard Port Middle
Weather code ★	1	Height of eye (m)	30
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations.

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnés Transarctik	Sea state code ★	1
Platform name and type	Thorco ISADORA / General cargo	Wave height (m)	0.5
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	4
Date (DD/MMM/YYYY)	14 / 10 / 2019	True wind direction	N
Time at start (UTC)	17 00	Ice type code★	None
Time at end (UTC)	19 00	Ice concentration code ★	None
Latitude at start / end	63° 57.1' N	True platform speed (knots)	Anchor
Longitude at start / end	093° 35.3' W	True platform direction	
Visibility (km)	~ 15	Observation side	Starboard Port Middle
Weather code ★	7	Height of eye (m)	30
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations.

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	Desgagnes Transartik	Sea state code ★	1
Platform name and type	Thorco Isadore / General cargo	Wave height (m)	0.5m
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	3
Date (DD/MMM/YYYY)	15/10/2019	True wind direction	N
Time at start (UTC)	1700	Ice type code★	None
Time at end (UTC)	1900	Ice concentration code ★	None
Latitude at start / end	63°57,2'N	True platform speed (knots)	—
Longitude at start / end	093°35,1'W	True platform direction	—
Visibility (km)	20 - 30	Observation side	Starboard Port Middle
Weather code ★	0	Height of eye (m)	30
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	Desgagnés Transportik	Sea state code ★	1
Platform name and type	Thorco ISADORA / General cargo	Wave height (m)	0.5m
Observer (s)	Nicolas Brunelle	True wind speed (knots) OR ★ Beaufort code	Lt airs
Date (DD/MMM/YYYY)	16 /10 /2019	True wind direction	VAR
Time at start (UTC)	63° 57, 2' N	Ice type code★	None
Time at end (UTC)	093° 35, 1' W	Ice concentration code ★	None
Latitude at start / end	1700 Z	True platform speed (knots)	
Longitude at start / end	19 00 Z	True platform direction	
Visibility (km)	20 - 30	Observation side	Starboard Port Middle
Weather code ★	2	Height of eye (m)	30m
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	Unloading	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: No observations.

★ Refer to "Codes" datasheets

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Marine Cargo	Weather code	7
Platform name and type	THORCO ISADORA	Glare conditions code	
Observer (s)	Desmond Inaksajak	Sea state code	2
Date (DD/MMM/YYYY)	29/09/2019	Wave height (m)	1
Time at start (UTC)	1400 UTC	True wind speed (knots) **OR** Beaufort code	30-40
Latitude	1600 UTC	True wind direction (deg)	330°
Longitude	63°31,1'N 091°04,5'W	Ice type code	None
Platform activity	Stationary	Ice concentration code	None
Scan type	180° or other (specify: 360°)	Height of eye (m)	30m
Scan direction		Outdoors or Indoors	Out or In
Visibility (km)	20 km		

Notes: No observation.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transartik	Weather code	0
Platform name and type	Thorco Isabora	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	0
Date (DD/MMM/YYYY)	01/10/2019	Wave height (m)	0
Time at start (UTC)	23 30 z	True wind speed (knots) **OR** Beaufort code	2
Latitude 63°57,2'N	~~01 00 z 02/10~~	True wind direction (deg)	WNW
Longitude 093°35,4'W		Ice type code	None
Platform activity	At anchor, unloading	Ice concentration code	None
Scan type	180° or other (specify:)	Height of eye (m)	32 m
Scan direction	W	Outdoors or Indoors	Out or In
Visibility (km)	25 km		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transartik	Weather code	1
Platform name and type	Thorco Esaborn	Glare conditions code	1
Observer (s)	Nicolas Brunelle	Sea state code	0
Date (DD/MMM/YYYY)	02 / 10 / 2019	Wave height (m)	0
Time at start (UTC)	17h00	True wind speed (knots) **OR** Beaufort code	Lt airs
Latitude	63° 57,2'N	True wind direction (deg)	Lt airs.
Longitude	093° 35,1'W	Ice type code	None
Platform activity	Anchor	Ice concentration code	None
Scan type	180° or other (specify:)	Height of eye (m)	31m
Scan direction	West	Outdoors or Indoors	Out or In
Visibility (km)	15-20 km		

Notes:

No observations

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transartik	Weather code	1
Platform name and type	Thorco Isadora / General cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	1
Date (DD/MMM/YYYY)	03/10/2019	Wave height (m)	0.5
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	Lt airs
Latitude	63° 57.36' N	True wind direction (deg)	Variable
Longitude	093° 35.12' W	Ice type code	None
Platform activity	Unloading.	Ice concentration code	None
Scan type	180° or other (specify: Ahead)	Height of eye (m)	30m
Scan direction	320° (NW)	Outdoors or Indoors	Out or In
Visibility (km)	30 - 40		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transportation	Weather code	0-1
Platform name and type	Thorco Isadora / cargo general	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	0-1
Date (DD/MMM/YYYY)	04/10/2019	Wave height (m)	0.5
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	3
Latitude	63° 57.36' N	True wind direction (deg)	SW
Longitude	093° 35.14' W	Ice type code	None
Platform activity	Unloading.	Ice concentration code	None
Scan type	180° or other (specify: Ahead)	Height of eye (m)	30m
Scan direction	SW	Outdoors or Indoors	Out or In
Visibility (km)	30-40		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transitile	Weather code	2-3
Platform name and type	Thorco Isadora / cargo general	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	1
Date (DD/MMM/YYYY)	05/10/2019	Wave height (m)	0.5m
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	4
Latitude	63° 57.36' N	True wind direction (deg)	SE
Longitude	093° 35.14' W	Ice type code	None
Platform activity	Unloading	Ice concentration code	None
Scan type	180° or other (specify: a head)	Height of eye (m)	30m
Scan direction	SE	Outdoors or Indoors	Out or In
Visibility (km)	2-3		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transartik	Weather code	0
Platform name and type	Thorco Isadora / General cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	1
Date (DD/MMM/YYYY)	06 / 10 / 2019	Wave height (m)	0.5m
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	5
Latitude	63°57.4'N	True wind direction (deg)	N
Longitude	093°35.16'W	Ice type code	None
Platform activity	Unloading	Ice concentration code	None
Scan type	180° or other (specify: ahead)	Height of eye (m)	30m
Scan direction	N	Outdoors or Indoors	Out or In
Visibility (km)	30-40 Km		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagne's Transportik	Weather code	1
Platform name and type	Thorco Isadora / General cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	1
Date (DD/MMM/YYYY)	07 / 10 / 2019	Wave height (m)	0.5m
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	2
Latitude	63° 57.36' N	True wind direction (deg)	SE
Longitude	093° 35.2' W	Ice type code	None
Platform activity	Unloading	Ice concentration code	None
Scan type	180° or other (specify: ahead)	Height of eye (m)	30m
Scan direction	ESE	Outdoors or Indoors	Out or In
Visibility (km)	30 - 40		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transartik	Weather code	4
Platform name and type	Thorco Isadora / General Cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	2
Date (DD/MMM/YYYY)	08/10/2019	Wave height (m)	1m
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	8
Latitude	63° 57.4' N	True wind direction (deg)	SE
Longitude	093° 35.2' W	Ice type code	None
Platform activity	Unloading	Ice concentration code	None
Scan type	180° or other (specify: ahead)	Height of eye (m)	30m
Scan direction	SE	Outdoors or Indoors	Out or ~~In~~
Visibility (km)	20 - 30		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transartik	Weather code	7
Platform name and type	Thorco Isabella / General Cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	2
Date (DD/MMM/YYYY)	09/10/2019	Wave height (m)	1m
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	6
Latitude	63°57,4'N	True wind direction (deg)	South
Longitude	093°35,2'W	Ice type code	None
Platform activity	No operations	Ice concentration code	None
Scan type	180° or other (specify ahead)	Height of eye (m)	30m
Scan direction	South	Outdoors or Indoors	Out or In
Visibility (km)	15-20		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnes Transportile	Weather code	1
Platform name and type	Thorco Isadora / General cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	2
Date (DD/MMM/YYYY)	10 / 10 / 2014	Wave height (m)	1
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	6
Latitude	63° 57.4' N	True wind direction (deg)	NW
Longitude	093° 35.2' W	Ice type code	None
Platform activity	No operations	Ice concentration code	None
Scan type	180° or other (specify: Actual.)	Height of eye (m)	30 m
Scan direction	NW	Outdoors or Indoors	Out or ~~In~~
Visibility (km)	15-20		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transartik	Weather code	1
Platform name and type	Thorco Isadora / General cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	1
Date (DD/MMM/YYYY)	11 / 10 / 2019	Wave height (m)	0.5m
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	4
Latitude	63° 57.4' N	True wind direction (deg)	NW
Longitude	093° 35.2' W	Ice type code	None
Platform activity	No operations	Ice concentration code	None
Scan type	180° or other (specify: ahead)	Height of eye (m)	30m
Scan direction	W	Outdoors or Indoors	Out or In
Visibility (km)	20-30		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transportation	Weather code	0-1
Platform name and type	Thorco Isadora / General Cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	1
Date (DD/MMM/YYYY)	12/10/2019	Wave height (m)	0.5
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	3
Latitude	63° 57.4'N	True wind direction (deg)	SW
Longitude	093° 35.2'W	Ice type code	None
Platform activity	Unloading	Ice concentration code	None
Scan type	180° or other (specify: ahead)	Height of eye (m)	30 m
Scan direction	SW	Outdoors or Indoors	Out or In
Visibility (km)	30		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transartik	Weather code	1
Platform name and type	Thorco Isadora / General cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	1
Date (DD/MMM/YYYY)	13 / 10 / 2019	Wave height (m)	1
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	4
Latitude	63° 57.3'N	True wind direction (deg)	SW (240)
Longitude	093° 35.1'W	Ice type code	None
Platform activity	Unloading	Ice concentration code	None
Scan type	180° or other (specify: Ahead)	Height of eye (m)	30
Scan direction	South-west	Outdoors or Indoors	Out or In
Visibility (km)	30		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transportik	Weather code	7
Platform name and type	Thorco Isabella general cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	1
Date (DD/MMM/YYYY)	14/10/2019	Wave height (m)	0.5
Time at start (UTC)	17 00	True wind speed (knots) **OR** Beaufort code	4
Latitude	63° 57.1' N	True wind direction (deg)	N
Longitude	093° 35.3' W	Ice type code	None
Platform activity	Unloading	Ice concentration code	None
Scan type	180° or other (specify: attend)	Height of eye (m)	30
Scan direction	N	Outdoors or Indoors	Out or In
Visibility (km)	~ 10		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transarctik	Weather code	0
Platform name and type	Thorne Isabella / general cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	1
Date (DD/MMM/YYYY)	15/10/2019	Wave height (m)	0.5
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	3
Latitude	63° 57.2'N	True wind direction (deg)	N
Longitude	093° 35.1'W	Ice type code	None
Platform activity	Unloading	Ice concentration code	None
Scan type	180° or other (specify: ahead)	Height of eye (m)	30m
Scan direction	N	Outdoors or Indoors	Out or In
Visibility (km)	20-30		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés Transportile	Weather code	2
Platform name and type	Thorco Isadora / esquimal cargo	Glare conditions code	
Observer (s)	Nicolas Brunelle	Sea state code	1
Date (DD/MMM/YYYY)	16 / 10 / 2019	Wave height (m)	0.5
Time at start (UTC)	1700	True wind speed (knots) **OR** Beaufort code	Lt airs
Latitude	63°57.1'N	True wind direction (deg)	VAR
Longitude	083°35.1'W	Ice type code	None
Platform activity	unloading	Ice concentration code	None
Scan type	180° or other (specify: ahead	Height of eye (m)	30
Scan direction	NW	Outdoors or Indoors	Out or In
Visibility (km)	20-30		

Notes:

No observations.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency		Weather code	
Platform name and type		Glare conditions code	
Observer (s)		Sea state code	
Date (DD/MMM/YYYY)	19/10/2019	Wave height (m)	
Time at start (UTC)	16:00 UTC / 18:02 UTC	True wind speed (knots) **OR** Beaufort code	
Latitude	61°, 71.09 / 60°, 51.64	True wind direction (deg)	
Longitude	068°, 32.09 / 067°, 32.91	Ice type code	
Platform activity		Ice concentration code	
Scan type	180° or other (specify:)	Height of eye (m)	
Scan direction		Outdoors or Indoors	Out or In
Visibility (km)			

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
NOFU	1	fly		100m		Scavenging					
NOFU	2	fly		50m		Scavenging					

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency		Weather code	
Platform name and type		Glare conditions code	
Observer (s)	Desmond Inalsajak	Sea state code	
Date (DD/MMM/YYYY)		Wave height (m)	
Time at start (UTC)	16:07 UTC / finish at 1807 UTC	True wind speed (knots) **OR** Beaufort code	
Latitude	60°, 31.24 / 60°, 15.21	True wind direction (deg)	
Longitude	064°, 31.61 / 063°, 52.11	Ice type code	
Platform activity		Ice concentration code	
Scan type	180° or other (specify:)	Height of eye (m)	
Scan direction		Outdoors or Indoors	Out or In
Visibility (km)			

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
HERG	1	fly		100m		Scavenging					
HERG	1	fly		100m		Scavenging					
NOFU	2	fly		100m		Scavenging					
NOFU	4	fly		100m		Scavenging					
NOFU	7	fly		150m		Scavenging					
NOFU	23	water then fly		150m		Scavenging					Most are following the vessel
GIGU	1	fly		100m		Scavenging					another GIGU appeared with the oth
NOFU	1	fly		100m		Scavenging					
HERG	3	fly		150m		Scavenging					
NOFU	1	fly		100m		Scavenging					
NOFU	1	fly		150m		Scavenging					
GIGU	3	fly		100m		Scavenging					
NOFU	1	fly		150m		Scavenging					
NOFU	3	fly		50m		Scavenging					
GIGU	1	fly		50m		Scavenging					
HERG	1	fly		100m		Scavenging					
GIGU	1	fly		50m		Scavenging					
NOFU	1	fly		100m		Scavenging					

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

GIGU 1 fly 50m Scavenging
NOFU 1 fly 50m Scavenging

GIGU 1 fly 50m Scavenging
GIGU 1 fly 100m Scavenging
HERG 1 fly 100m Scavenging
NOFU 1 fly 50m Scavenging
NOFU 2 fly 50m Scavenging

Oct 4th 2019

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	TRANSARCTIK DESGAGNÉS	Sea state code	3
Platform name and type	NORDICA Desgagnes	Wave height (m)	
Observer (s)	Kyle Gardet	True wind speed (knots) **OR** Beaufort code	BC: 5
Date (DD/MMM/YYYY)	09-10-2019	True wind direction (deg)	162° T
Time at start (UTC)	1830 UTC	Ice type code	N/A
Time at end (UTC)	2006 UTC	Ice concentration code	N/A
Latitude at start / end	62°33.64'N / 62°35.4'N	True platform speed (knots)	12 kts
Longitude at start / end	075°31.4'W / 076°13.3'W	True platform direction (deg)	250° T
Platform activity		Observation side	Starboard Port
Visibility (km)	55Km	Height of eye (m)	
Weather code	1	Outdoors or Indoors	Out or (In)
Glare conditions code	0	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
NOFU	1	Fly	N	0.3'E			W	I	NB		

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	TRANSARCTIK/MARINE CARGO DESGAGNES	Sea state code	3
Platform name and type	NORDIKA DESGAGNES	Wave height (m)	1m
Observer (s)	LUKE GATHERALL / Kyle Gardet	True wind speed (knots) **OR** Beaufort code	BC 7
Date (DD/MMM/YYYY)	10/10/2019	True wind direction (deg)	235° T
Time at start (UTC)	1200 UTC	Ice type code	N/A
Time at end (UTC)	1600 UTC	Ice concentration code	N/A
Latitude at start / end	62° 17.3'N / 62° 10.1'N	True platform speed (knots)	11 KTS
Longitude at start / end	079° 07.8'W / 079° 07.6'W	True platform direction (deg)	183°T / 003°T
Platform activity		Observation side	(Starboard) Port
Visibility (km)	27km	Height of eye (m)	24m
Weather code	0	Outdoors or Indoors	Out or (In)
Glare conditions code		Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
BLSC	4	FLY	YES	100m			E				
NOFU	1	Fly	yes	200m			S				

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	TRANSARCTIK/CARGO DESGAGNES		Sea state code	4
Platform name and type	NORDIKA DESGAGNES		Wave height (m)	2m
Observer (s)	LUKE GATHERALL		True wind speed (knots) **OR** Beaufort code	11 KTS
Date (DD/MMM/YYYY)	11/10/2019		True wind direction (deg)	325° T
Time at start (UTC)	1330		Ice type code	NA
Time at end (UTC)	~~1400~~ 1600		Ice concentration code	N/A
Latitude at start / end	61° 37.8'N	61° 45.2'N	True platform speed (knots)	13 KTS
Longitude at start / end	082° 30.7'W	083° 24.9'W	True platform direction (deg)	265° T
Platform activity			Observation side	(Starboard) Port
Visibility (km)			Height of eye (m)	24m
Weather code	0		Outdoors or Indoors	Out or (In)
Glare conditions code			Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
NOFU	1	FLY	YES	C			W				
UNDU	16	FLY	YES	C			SE				Scouters or EIDERS
TBMU	1	FLY	YES	C			SE				

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

12-10-2019

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Transartik / Marine Cargo Desbagnés	Weather code	0
Platform name and type	NORDIKA DESBAGNÉS	Glare conditions code	0
Observer (s)	MELINA JOBIN	Sea state code	1
Date (DD/MMM/YYYY)	12 / 10 / 2019	Wave height (m)	~~0~~ Calm
Time at start (UTC)	1600 UTC	True wind speed (knots) **OR** Beaufort code	6.5 KNTS
Latitude	62° 46.0' N	True wind direction (deg)	SW ↗ 049°
Longitude	092° 03.8' W	Ice type code	N/A
Platform activity	Anchorage Rankin Ship	Ice concentration code	0 (Open water)
Scan type	180° or other (specify:)	Height of eye (m)	24 m
Scan direction	90°	Outdoors or Indoors	Out or (In)
Visibility (km)	40 Km		

Notes:
NO BIRD OBSERVATION has been Done.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

13-10-2019

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Transarctik / Marine Cargo Desgagnés	Weather code	1
Platform name and type	NORDIKA Desgagnés	Glare conditions code	0
Observer (s)	MELINA JOBIN	Sea state code	2
Date (DD/MMM/YYYY)	13/10/2019	Wave height (m)	Less than 1m
Time at start (UTC)	1600 UTC	True wind speed (knots) **OR** Beaufort code	7 kmts
Latitude	62°46.0'N	True wind direction (deg)	S ↑ 005°
Longitude	092°04.0' W	Ice type code	N/A
Platform activity	Anchorage Rankin Ship	Ice concentration code	0 (open water)
Scan type	180° or other (specify:)	Height of eye (m)	24m
Scan direction	90°	Outdoors or Indoors	Out or (In)
Visibility (km)	35 km		

Notes:

NO BIRD OBSERVATIONS has Been Done

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

14-10-2019

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Transarctik / Marine Cargo Desgagnés	Weather code	1
Platform name and type	NORDika Desgagnés	Glare conditions code	0
Observer (s)	Melina Jobin	Sea state code	2
Date (DD/MMM/YYYY)	14/10/2019	Wave height (m)	less than 1m
Time at start (UTC)	1600 UTC	True wind speed (knots) **OR** Beaufort code	9 knts
Latitude	62° 45.9' N	True wind direction (deg)	NE [redacted] ↙ 211°
Longitude	092° 04.1' W	Ice type code	N/A
Platform activity	Anchorage Rankin Ship	Ice concentration code	0 (open water)
Scan type	180° or other (specify:)	Height of eye (m)	24 m
Scan direction	90°	Outdoors or Indoors	Out or (In)
Visibility (km)	40 km		

Notes:

No bird observation has been done

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

15-10-2019

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Transarctik / Marine Cargo Desgagné	Weather code	1
Platform name and type	NOROIKA DESGAGNÉS	Glare conditions code	0
Observer (s)	Melina Jobin	Sea state code	3
Date (DD/MMM/YYYY)	15/10/2019	Wave height (m)	1m
Time at start (UTC)	0800 UTC	True wind speed (knots) **OR** Beaufort code	18 KNTS
Latitude	62°46.1' N	True wind direction (deg)	NE & 199°
Longitude	092°09.0' W	Ice type code	N/A
Platform activity	Anchorage Rankin Ship	Ice concentration code	0 (Open water)
Scan type	180° or other (specify:)	Height of eye (m)	24 m
Scan direction	90°	Outdoors or Indoors	Out or (In)
Visibility (km)	40km		

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	TRANSARCTIK/MARINE CARGO DESGAGNES	Sea state code	5
Platform name and type	NORDIKA DESGAGNES	Wave height (m)	3m
Observer (s)	LUKE GATHERALL	True wind speed (knots) **OR** Beaufort code	8
Date (DD/MMM/YYYY)	16/10/2019	True wind direction (deg)	023° T
Time at start (UTC)	1700	Ice type code	N/A
Time at end (UTC)	1800	Ice concentration code	N/A
Latitude at start / end	62° 00.2'N / 62° 02.1'N	True platform speed (knots)	11.5 KTS
Longitude at start / end	082° 29.1'W / 082° 07.9W	True platform direction (deg)	080° T
Platform activity	EAST HUDSON BAY	Observation side	(Starboard) Port
Visibility (km)	4 KM	Height of eye (m)	27m
Weather code	F	Outdoors or Indoors	Out or (In)
Glare conditions code		Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
TBMU	3	FLY	YES	A			NE				
NOFU	1	FLY	YES	C			E	3			
TBMU	2	FLY	YES	A			S				Possibly same flock

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	TRANSARCT BK / Marine Cargo Desgagnés	Sea state code	3
Platform name and type	MV NORDIKA Desgagnés	Wave height (m)	0.2m
Observer (s)	Kyle Gaudet	True wind speed (knots) **OR** Beaufort code	BC: 4
Date (DD/MMM/YYYY)	17/10/2019	True wind direction (deg)	305° T
Time at start (UTC)	19:42 UTC	Ice type code	N/A
Time at end (UTC)	2142 UTC	Ice concentration code	N/A
Latitude at start / end	62° 01.8'N / 61° 46.3'N	True platform speed (knots)	15 KTS
Longitude at start / end	070° 52.0'W / 070° 37.9'W	True platform direction (deg)	118° T
Platform activity	Hudsons STRAIT	Observation side	(Starboard) Port
Visibility (km)	45	Height of eye (m)	27m
Weather code	C	Outdoors or Indoors	Out or (In)
Glare conditions code	0	Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
~~NOFU~~											
NOFU	3	Fly	Yes	B			South	J	NB		
NOFU	1	Fly	Yes	B			West	J	NB		

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency	Transarctik/Marine Cargo Desgagnés		Sea state code ★	3
Platform name and type	Nordika Desgagnés		Wave height (m)	
Observer (s)	Kyle Gaudet		True wind speed (knots) OR ★ Beaufort code	BC: 5
Date (DD/MMM/YYYY)	09-10-2019		True wind direction	SSE 162° T
Time at start (UTC)	1430 (St) / 1830 (UTC)		Ice type code★	N/A
Time at end (UTC)	2030 UTC		Ice concentration code ★	N/A
Latitude at start / end	62°33.64'N	62° 35.7' N	True platform speed (knots)	12
Longitude at start / end	075° 31.4'W	076° 23.1'W	True platform direction	280° T
Visibility (km)	40 Km		Observation side	Starboard Port (Middle)
Weather code ★	1		Height of eye (m)	
Glare conditions code ★	0		Outdoors or Indoors	Out or (In)
Platform Activity			Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)
No observation											

Notes:

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency	TRANSARCTIK/MARINE CARGO DESGAGNES		Sea state code ★	3
Platform name and type	NORDIKA DESGAGNES		Wave height (m)	1m
Observer (s)	LUKE GATHERALL / Kyle Gaudet		True wind speed (knots) OR ★ Beaufort code	BC 7
Date (DD/MMM/YYYY)	10/10/2019		True wind direction	235°T
Time at start (UTC)	1200 UTC		Ice type code★	N/A
Time at end (UTC)	1600 UTC		Ice concentration code ★	N/A
Latitude at start / end	62° 17.3'N	62° 10.1'N	True platform speed (knots)	11 KTS
Longitude at start / end	079° 07.8'W	079 07.6'W	True platform direction	183°T / 003°T
Visibility (km)	27 Km		Observation side	(Starboard) Port Middle
Weather code ★	0		Height of eye (m)	24m
Glare conditions code ★			Outdoors or Indoors	Out or (In)
Platform Activity			Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes:

NO OBSERVATIONS

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency	TRANSARCTIK/MARINE CARGO DESGAGNES		Sea state code ★	4
Platform name and type	NORDIKA DESGAGNES		Wave height (m)	2m
Observer (s)	LUKE GATHERALL		True wind speed (knots) OR ★ Beaufort code	11KTS
Date (DD/MMM/YYYY)	11/10/2019		True wind direction	325° T
Time at start (UTC)	1330		Ice type code★	N/A
Time at end (UTC)	~~1500~~ 1600		Ice concentration code ★	N/A
Latitude at start / end	61° 37.6'N	61° 44.9'N	True platform speed (knots)	13 KTS
Longitude at start / end	082° 30.7'W	083° 31.7'W	True platform direction	265° T
Visibility (km)			Observation side	(Starboard) Port Middle
Weather code ★	0		Height of eye (m)	24m
Glare conditions code ★			Outdoors or Indoors	Out or (In)
Platform Activity			Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: NO OBSERVATIONS

★ Refer to "Codes" datasheets

12-10-2019

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency	TRANSARCTIK / Marine Cargo DESGAGNÉS		Sea state code ★	1
Platform name and type	Ship / NORDIKA DESGAGNÉS		Wave height (m)	0 calm Less Than 0.5 m
Observer (s)	MÉLINA JOBIN 3e OFF		True wind speed (knots) OR ★ Beaufort code	6.5 KNTS
Date (DD/MMM/YYYY)	12/10/2019		True wind direction	SW ↗ 049°
Time at start (UTC)	1600 UTC		Ice type code ★	N/A
Time at end (UTC)	1800 UTC		Ice concentration code ★	0 (open water)
Latitude at start / end	62° 46.0' N	(Stationary) AT ⚓	True platform speed (knots)	0 AT ⚓
Longitude at start / end	092° 03.8' W	LAT/LONG Fixe	True platform direction	Heading 238°
Visibility (km)	40 km		Observation side	Starboard Port (Middle)
Weather code ★	0		Height of eye (m)	24 m
Glare conditions code ★	0		Outdoors or Indoors	Out or (In)
Platform Activity	Stationary / Ship / Rankin		Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: NO OBSERVATIONS has been DONE

★ Refer to "Codes" datasheets

13-10-2019

AGNICO EAGLE

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period

Observation Period Information				
Company/agency	Transarctik Marine Cargo Desgagnés		Sea state code ★	2
Platform name and type	Ship / Noroika Desgagnés		Wave height (m)	less than 1m
Observer (s)	Melina Jobin 3rd OFF		True wind speed (knots) OR ★ Beaufort code	7 knts
Date (DD/MMM/YYYY)	13/10/2019		True wind direction	S 005.4°
Time at start (UTC)	1600 UTC		Ice type code ★	N/A
Time at end (UTC)	1800 UTC		Ice concentration code ★	0 (open water)
Latitude at start / end	62° 46.0' N	Stationary At ⚓	True platform speed (knots)	0 At ⚓
Longitude at start / end	092° 04.0' W	Lat/Long Fixe	True platform direction	Heading 158°
Visibility (km)	35 km		Observation side	Starboard Port (Middle)
Weather code ★	1		Height of eye (m)	24m
Glare conditions code ★	0		Outdoors or Indoors	Out or (In)
Platform Activity	Stationary / Ship ⚓ Rankin		Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Longitude (GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behavior/Travel Direction ★	Agenda	Mitigation Required?	Photo Number (if any)

Notes: NO OBSERVATIONS HAS BEEN DONE

★ Refer to "Codes" datasheets

14-10-2019

AGNICO EAGLE

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period

Observation Period Information				
Company/agency	Transarctik / marine cargo DESGAGNES		Sea state code ★	2
Platform name and type	Ship / NORDIKA DESGAGNES		Wave height (m)	less than 1m
Observer (s)	MELINA JOBIN 3 OFF		True wind speed (knots) OR ★ Beaufort code	9 knts
Date (DD/MMM/YYYY)	14/10/2019		True wind direction	NE [redacted] 211°
Time at start (UTC)	1600 UTC		Ice type code ★	N/A
Time at end (UTC)	1800 UTC		Ice concentration code ★	0 (open water)
Latitude at start / end	62° 45,9' N	Stationary	True platform speed (knots)	0 AT ⊥
Longitude at start / end	092° 04,1' W	AT ⊥ Lat/Long Fixe	True platform direction	Heading 002°
Visibility (km)	40 km		Observation side	Starboard Port (Middle)
Weather code ★	1		Height of eye (m)	24 m
Glare conditions code ★	0		Outdoors or Indoors	Out or (In)
Platform Activity	Stationary / Ship / Rankin		Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Longitude (DD)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behavior/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: NO BIRD observation has been DONE

★ Refer to "Codes" datasheets

15-10-2019

AGNICO EAGLE

MARINE MAMMAL PROGRAM

↗ Fill out one sheet per observation period

Observation Period Information				
Company/agency	Transarctik / marine cargo Desgagnés		Sea state code ★	3
Platform name and type	Ship / Noroika Desgagnés		Wave height (m)	1m
Observer (s)	MELINA JOBIN 3e OFF		True wind speed (knots) OR ★ Beaufort code	10 knts
Date (DD/MMM/YYYY)	15/10/2019		True wind direction	NE ↙ 199°
Time at start (UTC)	0800 UTC		Ice type code ★	N/A
Time at end (UTC)	1000 UTC		Ice concentration code ★	0 (open water)
Latitude at start / end	62° 46.1' N	Stationary at ⊥	True platform speed (knots)	0 at ⊥
Longitude at start / end	092° 04.0' W	Lat/Long Fixe	True platform direction	Heading:
Visibility (km)	40 km		Observation side	Starboard Port (Middle)
Weather code ★	1		Height of eye (m)	24m
Glare conditions code ★	0		Outdoors or Indoors	Out or (In)
Platform Activity	Stationary / Ship / Rankin		Notes	

★ Refer to "Codes" datasheets

AGNICO EAGLE

MARINE MAMMAL PROGRAM

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint (Lat/Longitude GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behavioral/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (If any)

Notes:

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information			
Company/agency	TRANSARCTIK / MARINE CARGO DESGAGNES	Sea state code ★	5
Platform name and type	NORDIKA DESGAGNES	Wave height (m)	2-2.5m
Observer (s)	LUKE GATHERALL	True wind speed (knots) OR ★ Beaufort code	8
Date (DD/MMM/YYYY)	16/10/2019	True wind direction	023°T
Time at start (UTC)	1700	Ice type code ★	N/A
Time at end (UTC)	1800	Ice concentration code ★	N/A
Latitude at start / end	62° 00.2'N	True platform speed (knots)	11.5 KTS
Longitude at start / end	082° 29.1'W	True platform direction	080°T
Visibility (km)	4Km	Observation side	(Starboard) Port Middle
Weather code ★	F	Height of eye (m)	27m
Glare conditions code ★		Outdoors or Indoors	Out or (In)
Platform Activity	EAST HUDSON BAY	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Whether / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint by Lat/Longitude GPS	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behavior/Travel Direction ★	Agenda	Mitigation Required?	Photo Number (if any)

Notes: NO OBSERVATIONS

★ Refer to "Codes" datasheets

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AGNICO EAGLE

MARINE MAMMAL PROGRAM

↗ Fill out one sheet per observation period

Observation Period Information				
Company/agency	TRANSARCTIK / MARINE CARGO DESGAGNES		Sea state code ★	3
Platform name and type	MV NORDIKA DESGAGNÉS		Wave height (m)	0.2 m
Observer (s)	Kyle GAUDET		True wind speed (knots) OR ★ Beaufort code	BC: 4
Date (DD/MMM/YYYY)	17/10/2014		True wind direction	305°T
Time at start (UTC)	1942 utc		Ice type code★	N/A
Time at end (UTC)	2142 utc		Ice concentration code ★	N/A
Latitude at start / end	62° 01.8'N	61°46.3'N	True platform speed (knots)	~~15~~ kts 15 kts
Longitude at start / end	070°52.0'W	070°37.9'W	True platform direction	118°T
Visibility (km)	45		Observation side	Starboard Port Middle
Weather code ★	C		Height of eye (m)	27m
Glare conditions code ★	No Glare / 0		Outdoors or Indoors	Out or In
Platform Activity	HUDSON STRAIT		Notes	

★ Refer to "Codes" datasheets

AGNICO EAGLE

MARINE MAMMAL PROGRAM

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint by Lat/Longitude (DD)	Species, Number of individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behavioral/Travel Direction ★	Agenda	Mitigation Required?	Photo Number (If any)

Notes: No Observations

★ Refer to "Codes" datasheets

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	DESGAGNES	Sea state code	3
Platform name and type	ZELADA DESGAGNES - CARGO	Wave height (m)	1m
Observer (s)	EMMIE PENNEY Maxime Cormier	True wind speed (knots) **OR** Beaufort code	10 Kts
Date (DD/MMM/YYYY)	25 / 10 / 2019	True wind direction (deg)	240° (T)
Time at start (UTC)	1400	Ice type code	N / A
Time at end (UTC)	1600	Ice concentration code	0
Latitude at start / end	61° 48.3 N / 61° 59.6 N	True platform speed (knots)	12 - 13
Longitude at start / end	070° 12.6W / 071° 01.5 W	True platform direction (deg)	296° (T)
Platform activity	MAKING WAY	Observation side	Starboard Port
Visibility (km)	30	Height of eye (m)	40m
Weather code	0 / 5	Outdoors or Indoors	Out or In
Glare conditions code	1	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
UNK	4	F	Y	C			N				Black
COMU	4	F	Y	C			SW				Black top
GLGU	1	F	Y	D			SE				Gull
COMU	1	F	Y	C			S				
NOFU	1	F	Y	C			SE				Gray
Gull	1	F	Y	C			NE				UNK
Gull	1	F	Y	B			NW				UNK
Gull	1	F	Y				NW				UNK white
GLGU	1	F	Y	C			N				
Gull	1	F	Y	D			N				
Gull	1	F	Y	C			SE				Gray Fly high

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency	DESGAGNES		Sea state code ★	3
Platform name and type	ZELADA DESGAGNES - CARGO		Wave height (m)	1
Observer (s)	EMMIE PENNEY MAXIME CORMIER		True wind speed (knots) OR ★ Beaufort code	10
Date (DD/MMM/YYYY)	25 / 10 / 2019		True wind direction	240 °(T)
Time at start (UTC)	1400		Ice type code★	N/A
Time at end (UTC)	1600		Ice concentration code ★	0
Latitude at start / end	61° 48.3 N	61° 59.6 N	True platform speed (knots)	12 - 13
Longitude at start / end	070° 12.6 W	071° 01.5 W	True platform direction	296° (T)
Visibility (km)	30		Observation side	(Starboard) Port Middle
Weather code ★	0/5		Height of eye (m)	
Glare conditions code ★	1		Outdoors or Indoors	(Out) or In
Platform Activity	MAKING WAY		Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

	Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)
Fin whale	1000 LT	246 ~13Kts	3	Y	—	1	800m	000 shipshead	N	—	—	—
Notes:												

★ Refer to "Codes" datasheets

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	DESGAGNES		Sea state code	4
Platform name and type	ZELADA DESGAGNES - CARGO		Wave height (m)	1-2 m
Observer (s)	EMMIE PENNEY MAXIME CORMIER		True wind speed (knots) **OR** Beaufort code	10 KTS
Date (DD/MMM/YYYY)	26/10/2019		True wind direction (deg)	000° - 005° (T)
Time at start (UTC)	1400		Ice type code	N/A
Time at end (UTC)	1600		Ice concentration code	0
Latitude at start / end	62°22.3 N	062° 15.1 N	True platform speed (knots)	12 KTS
Longitude at start / end	080° 22.5 W	081°11.4 W	True platform direction (deg)	255° (T)
Platform activity	MAKING WAY		Observation side	Starboard (Port)
Visibility (km)	5 Km		Height of eye (m)	25 m
Weather code	2		Outdoors or Indoors	(Out) or In
Glare conditions code	1		Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
Snowy Owl	1	F	Y	A			S		NB	F	Circled Ship
UNK	1	F	Y	C			NW				All White
UNK	1	F	Y	D			S				White
UNK	1	F	Y	E			S				Dark brown
COMU	5	F	Y	C			S				
COMU	3	F	Y	C			N				
COMU	1	F	Y	C			S				
~~COMU~~	~~2~~	—	—	—	—	—	—	—	—	—	—
GLGU	2	F	Y	C			W				
GLGU	1	F	Y	C			W				FISHING & DIVING
HERG UNK	1	F	Y	C			S				
HERG	1	F	Y	A			W				

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	DESGAGNES		Sea state code ★	4
Platform name and type	ZELADA DESGAGNES - CARGO		Wave height (m)	1-2
Observer (s)	EMMIE PENNEY MAXIME CORMIER		True wind speed (knots) OR ★ Beaufort code	10
Date (DD/MMM/YYYY)	26/10/2019		True wind direction	000°
Time at start (UTC)	1400		Ice type code ★	N/A
Time at end (UTC)	1600		Ice concentration code ★	N/A
Latitude at start / end	62°22.3 N	62°15.1 N	True platform speed (knots)	12
Longitude at start / end	080°22.5W	081°11.4W	True platform direction	255° (T)
Visibility (km)	5		Observation side	Starboard (Port) Middle
Weather code ★	2		Height of eye (m)	25 m
Glare conditions code ★	1		Outdoors or Indoors	(Out) or In
Platform Activity	MAKING WAY		Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a stationary platform survey

Scan Information:

Company/agency	DESGAGNES	Weather code	7
Platform name and type	ZELADA DESGAGNES	Glare conditions code	0
Observer (s)	EMMIE PENNEY	Sea state code	3
Date (DD/MMM/YYYY)	28/10/2019	Wave height (m)	0.5m
Time at start (UTC)	~~10~~ 1400	True wind speed (knots) **OR** Beaufort code	30 - 45 Kts
Latitude	62° 46.5N	True wind direction (deg)	045° - 060° (T)
Longitude	092°06.0W	Ice type code	N/A
Platform activity	@ ANCHOR	Ice concentration code	N/A
Scan type	180° or other (specify:)	Height of eye (m)	25m
Scan direction		Outdoors or Indoors	Out or In
Visibility (km)	2 nm or less		

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
											NO OBSERVATIONS

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	DESGAGNES	Sea state code ★	3
Platform name and type	ZELADA DESGAGNES - CARGO	Wave height (m)	0.25 - 0.5m
Observer (s)	EMMIE PENNEY	True wind speed (knots) OR ★ Beaufort code	30 - 45 Kts
Date (DD/MMM/YYYY)	28 / 10 / 2019	True wind direction	045 °(T)
Time at start (UTC)	1400	Ice type code★	N/A
Time at end (UTC)	1600	Ice concentration code ★	N/A
Latitude at start / end	62°46.5N	True platform speed (knots)	0 kts
Longitude at start / end	092°06.0W	True platform direction	—
Visibility (km)	1 - 2	Observation side	Starboard Port (Middle)
Weather code ★	7	Height of eye (m)	25m
Glare conditions code ★	0	Outdoors or Indoors	Out or (In)
Platform Activity	@ ANCHOR	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: NO OBSERVATIONS.

★ Refer to "Codes" datasheets

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Transport Desgagnes	Weather code	3
Platform name and type	Zelada Desgagnes	Glare conditions code	1
Observer (s)	Emmie Penney	Sea state code	1
Date (DD/MMM/YYYY)	29/10/2019	Wave height (m)	0.1
Time at start (UTC)	1930	True wind speed (knots) **OR** Beaufort code	3 kts
Latitude	62°46.5N	True wind direction (deg)	180°
Longitude	092°06.0W	Ice type code	N/A
Platform activity	@ ANCHOR	Ice concentration code	N/A
Scan type	180° or other (specify:)	Height of eye (m)	25m
Scan direction		Outdoors or Indoors	Out or (In)
Visibility (km)	~~8~~ Km 3		

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
NOFU	8	W	Y	E	—	—	—	—	—	—	

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency	DESGAGNES		Sea state code ★	1
Platform name and type	ZELADA DESGAGNES - CARGO		Wave height (m)	0.1
Observer (s)	EMMIE PENNEY		True wind speed (knots) OR ★ Beaufort code	3 Kts
Date (DD/MMM/YYYY)	29/10/2019		True wind direction	180° (T)
Time at start (UTC)	1945		Ice type code★	N/A
Time at end (UTC)	2200		Ice concentration code ★	N/A
Latitude at start / end	62°46.5 N	62°46.6N	True platform speed (knots)	Ø
Longitude at start / end	092°06.0 W	092°05.9W	True platform direction	Ø
Visibility (km)	8 Km		Observation side	Starboard Port Middle
Weather code ★	3		Height of eye (m)	25m
Glare conditions code ★	1		Outdoors or Indoors	Out or In
Platform Activity	@ ANCHOR		Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Transport Desgagnes	Weather code	2
Platform name and type	Zelada Desgagnes	Glare conditions code	1
Observer (s)	Emmie Penney	Sea state code	1
Date (DD/MMM/YYYY)	30/10/2019	Wave height (m)	0.05 m
Time at start (UTC)	1300	True wind speed (knots) **OR** Beaufort code	0 - 2 kts
Latitude	62°46.5 N	True wind direction (deg)	000° (T)
Longitude	092°05.5 W	Ice type code	N/A
Platform activity	C ANCHOR	Ice concentration code	N/A
Scan type	180° or other (specify:)	Height of eye (m)	25 m
Scan direction		Outdoors or Indoors	Out or In
Visibility (km)	3 Km		

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
GLCU	1	W	Y	D	—	—	—	—	—	—	
UNK	1	F	Y	D	—	—	—	—	—	—	Dark brown / black
BLSC ~~NOFU~~	1	F	Y	A	—	—	—	—	—	—	
NOFU	5	F	Y	C	—	—	—	—	—	—	

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency	DESGAGNES		Sea state code ★	1
Platform name and type	ZELADA DESGAGNES - CARGO		Wave height (m)	0.05 m
Observer (s)	EMMIE PENNEY		True wind speed (knots) OR ★ Beaufort code	0 - 2 Kts
Date (DD/MMM/YYYY)	30/10/2019		True wind direction	000° (T)
Time at start (UTC)	1300		Ice type code ★	N/A
Time at end (UTC)	1800		Ice concentration code ★	N/A
Latitude at start / end	62° 46.5 N	62°46.6 N	True platform speed (knots)	0
Longitude at start / end	092° 05.5 W	092°05.6 W	True platform direction	280° (T)
Visibility (km)	3 Km		Observation side	Starboard Port (Middle)
Weather code ★	2		Height of eye (m)	25 m
Glare conditions code ★	1		Outdoors or Indoors	Out or (In)
Platform Activity	@ anchor		Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

- Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (If any)

Notes: NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Transport Desgagnes	Weather code	
Platform name and type	Zelada Desgagnes	Glare conditions code	1
Observer (s)	Emmie Penney	Sea state code	1
Date (DD/MMM/YYYY)	31/10/2019	Wave height (m)	0.05m
Time at start (UTC)	1400	True wind speed (knots) **OR** Beaufort code	0 Kts
Latitude	62°46.7 N	True wind direction (deg)	230 Kts
Longitude	092°05.4 W	Ice type code	N/A
Platform activity	@ anchor	Ice concentration code	N/A
Scan type	180° or other (specify:)	Height of eye (m)	25m
Scan direction		Outdoors or Indoors	Out or (In)
Visibility (km)	8 Km		

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
BLSC	1	F	Y	A	—	—	—	—	—	—	—
HERG	3	F	Y	B	—	—	—	—	—	—	—

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	DESGAGNES	Sea state code ★	1
Platform name and type	ZELADA DESGAGNES - CARGO	Wave height (m)	0.05m
Observer (s)	EMMIE PENNEY	True wind speed (knots) OR ★ Beaufort code	6 Kts
Date (DD/MMM/YYYY)	31/10/2019	True wind direction	230 °(T)
Time at start (UTC)	1400	Ice type code ★	N/A
Time at end (UTC)	1600	Ice concentration code ★	N/A
Latitude at start / end	62°46.7N 62°46.6N	True platform speed (knots)	0
Longitude at start / end	092°05.4W 092°05.4W	True platform direction	218 (T)
Visibility (km)	8 Km	Observation side	Starboard Port (Middle)
Weather code ★		Height of eye (m)	25 m
Glare conditions code ★	1	Outdoors or Indoors	Out or (In)
Platform Activity	@ anchor	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	DESGAGNES		Sea state code	3
Platform name and type	ZELADA DESGAGNES - CARGO		Wave height (m)	1m
Observer (s)	EMMIE PENNEY MAXIME CORMIER		True wind speed (knots) **OR** Beaufort code	5
Date (DD/MMM/YYYY)	01/11/2019		True wind direction (deg)	SW
Time at start (UTC)	1400		Ice type code	N/A
Time at end (UTC)	1600		Ice concentration code	N/A
Latitude at start / end	62°03.2'N	62°11.8'N	True platform speed (knots)	~14.5
Longitude at start / end	082°52.4'W	082°33.3'W	True platform direction (deg)	073°
Platform activity	UNDERWAY	MAKING WAY	Observation side	Starboard Port
Visibility (km)	~30 Km		Height of eye (m)	25m
Weather code	C / BL		Outdoors or Indoors	Out or (In)
Glare conditions code	1 - 2		Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
HERG Gull?	3	Water	Yes	C	—	—	Var.	—	—	—	White body Gray wings with black tips
GLGU	2	Fly	Yes	C	—	—	N	—	—	—	
GLGU	1	Fly	Yes	E	—	—	N	—	—	—	
GLGU	2	Fly	Yes	D	—	—	SE	—	—	—	Sighted twice
GLGU	1	Fly	Yes	C	—	—	NW	—	—	—	

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:			
Company/agency	DESGAGNES	Sea state code ★	1
Platform name and type	ZELADA DESGAGNES - CARGO	Wave height (m)	m
Observer (s)	EMMIE PENNEY	True wind speed (knots) OR ★ Beaufort code	TS
Date (DD/MMM/YYYY)	01/11/2019	True wind direction	°(T)
Time at start (UTC)	1400	Ice type code★	N/A
Time at end (UTC)	1600	Ice concentration code ★	N/A
Latitude at start / end	N / N	True platform speed (knots)	0
Longitude at start / end	W / W	True platform direction	(T)
Visibility (km)	Km	Observation side	Starboard Port Middle
Weather code ★		Height of eye (m)	25 m
Glare conditions code ★		Outdoors or Indoors	Out or In
Platform Activity	UNDERWAY, MAKING WAY	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (If any)

Notes: NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a moving platform survey

U

Observation Period Information:

Company/agency	DESGAGNES	Sea state code	2
Platform name and type	ZELADA DESGAGNES - CARGO	Wave height (m)	0.5m
Observer (s)	EMMIE PENNEY	True wind speed (knots) **OR** Beaufort code	6kts
Date (DD/MMM/YYYY)	02/11/2019	True wind direction (deg)	240°(T)
Time at start (UTC)	1200	Ice type code	NA
Time at end (UTC)	~~1600~~ 1545	Ice concentration code	NA
Latitude at start / end	61°59.5N / 61°37.1 N	True platform speed (knots)	15 Kts
Longitude at start / end	071°01.2W / 069°24.3W	True platform direction (deg)	116°(T)
Platform activity	UNDERWAY, MAKING WAY	Observation side	Starboard / Port
Visibility (km)	20 Km	Height of eye (m)	25m
Weather code	0	Outdoors or Indoors	Out or In
Glare conditions code	1	Snapshot used?	Yes or No

Notes:
61° 49.9 N 070°19.5 W @ 1342 UTC line wrapped in Kelp drifting
(white) (brown/green)

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
NOFU	1	F	Y	C	—	—	SW	—	—	—	
NOFU	1	F	Y	D	—	—	SE	—	—	—	
RAVA	1	W	Y	C	—	—	—	—	—	—	
COMU	2	F	Y	C	—	—	S	—	—	—	Not 100% Sure on Species
COMU	12	F	Y	B	—	—	S	—	—	—	
COMU	2	F	Y	C	—	—	N	—	—	—	
UNK	1	F	Y	E	—	—	S	—	—	—	Dark
COMU	5	F	Y	D	—	—	S	—	—	—	—
UNK	8	F	Y	E	—	—	S	—	—	—	dark
COMU	2	F	Y	C	—	—	SE	—	—	—	
GLGU	1	F	Y	B	—	—	NE	—	—	—	
COMU	3	F	Y	C	—	—	E	—	—	—	
UNK	2	F	Y	E	—	—	E	—	—	—	GREY
GLGU	5	F	Y	C	—	—	E	—	—	—	

in 5 min

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	DESGAGNES	Sea state code ★	1
Platform name and type	ZELADA DESGAGNES – CARGO	Wave height (m)	0.5 m or less
Observer (s)	EMMIE PENNEY	True wind speed (knots) OR ★ Beaufort code	6 KTS
Date (DD/MMM/YYYY)	02/11/2019	True wind direction	240 °(T)
Time at start (UTC)	1200	Ice type code ★	N/A
Time at end (UTC)	~~1600~~ 1545	Ice concentration code ★	N/A
Latitude at start / end	61°59.5N	True platform speed (knots)	15.0
Longitude at start / end	071°01.2W	True platform direction	116 °(T)
Visibility (km)	20 Km	Observation side	Starboard Port (Middle)
Weather code ★	0	Height of eye (m)	25 m
Glare conditions code ★	1	Outdoors or Indoors	Out or (In)
Platform Activity	UNDER WAY MAKING WAY	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (If any)

Notes: NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	DESGAGNES	Sea state code	2
Platform name and type	ZELADA DEGAGNES - CARGO	Wave height (m)	0.25 - 0.5m
Observer (s)	EMMIE PENNEY	True wind speed (knots) **OR** Beaufort code	6
Date (DD/MMM/YYYY)	27/10/2019	True wind direction (deg)	030° (T)
Time at start (UTC)	1400	Ice type code	N/A
Time at end (UTC)	1600	Ice concentration code	N/A
Latitude at start / end	62°43.5N / 62°46.6N	True platform speed (knots)	12.5 kts
Longitude at start / end	091°49.5W / 092°05.6W	True platform direction (deg)	287°(T)
Platform activity	APPROACH ANCHORAGE	Observation side	Starboard Port MID
Visibility (km)	10 km	Height of eye (m)	25 m
Weather code	2	Outdoors or Indoors	Out or In
Glare conditions code	1	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
POJA	2	F	Y	3			N				

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency	DESGAGNES		Sea state code ★	2
Platform name and type	ZELADA DESGAGNES - CARGO		Wave height (m)	0.25 – 0.5m
Observer (s)	EMMIE PENNEY		True wind speed (knots) OR ★ Beaufort code	6 Beaufort
Date (DD/MMM/YYYY)	27/10/2019		True wind direction	030° (T)
Time at start (UTC)	1400		Ice type code★	N/A
Time at end (UTC)	1600		Ice concentration code ★	N/A
Latitude at start / end	62° 43.5 N	62° 46.6 N	True platform speed (knots)	12.5 Kts
Longitude at start / end	091° 49.5 W	092°05.6 W	True platform direction	287° (T)
Visibility (km)	10 Km		Observation side	Starboard Port (Middle)
Weather code ★	2		Height of eye (m)	25m
Glare conditions code ★	1		Outdoors or Indoors	Out or (In)
Platform Activity	APPROACH ANCHORAGE		Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: NO OBSERVATION

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	Desgagnés / Transartik	Sea state code ★	1
Platform name and type	Nordika Desgagnés.	Wave height (m)	Less than 1m
Observer (s)	Melina Jobin	True wind speed (knots) OR ★ Beaufort code	beaufort 3
Date (DD/MMM/YYYY)	28/07/2019	True wind direction	NW
Time at start (UTC)	1305 UTC	Ice type code ★	Ø
Time at end (UTC)	1335 UTC	Ice concentration code ★	NO ICE
Latitude at start / end	61° 22.3'N	True platform speed (knots)	13.8 knts
Longitude at start / end	068° 12.1' W	True platform direction	
Visibility (km)	6 km	Observation side	(Starboard) Port Middle
Weather code ★	1	Height of eye (m)	33.1 m
Glare conditions code ★	0	Outdoors or Indoors	(Out) or In
Platform Activity	Underway	Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)
28-07-2019 1305 LT	13.8	0/1	N	61 22.3'N 068 12.1'W	Killer Whale (1)	75m	15° STBD	Approching observation plateform	?	NO	NO

Notes:

★ Refer to "Codes" datasheets

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnés	Weather code	1 (APPENDIX)
Platform name and type	NORDIKA Desgagnés (G.C.)	Glare conditions code	3 (APPENDIX)
Observer (s)	ANN MARTIN / melina Jobin	Sea state code	1 (APPENDIX)
Date (DD/MMM/YYYY)	03/07/2019	Wave height (m)	1m
Time at start (UTC)	1300	True wind speed (knots) **OR**	≈ 5KTS
Latitude	61 · 31.1 · N	Beaufort code	2
Longitude	070 · 38.1 · W	True wind direction (deg)	ENE
Platform activity	Sea passage	Ice type code	Première année
Scan type	180° or other (specify:)	Ice concentration code	2/10
Scan direction		Height of eye (m)	Out or In
Visibility (km)	4 KM	Outdoors or Indoors	33.1m

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
UNKN	20	Fly	Yes	B			ND	A				
UNKN	10	Fly	Yes	B			ND	A				
BLSC	4	water	Yes	A			N/A	A+J				
BLGU	2	Fly	Yes	A			ND	A				
BLSC	6	water	Yes	A			N/A	A+J				

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	DESGAGNÉS	Weather code	1 (APPENDIX 7)
Platform name and type	NORDIKA Desgagnés	Glare conditions code	0
Observer (s)	MÉLINA JOBIN	Sea state code	1
Date (DD/MMM/YYYY)	10-07-2019	Wave height (m)	Calm 0 Beaufort
Time at start (UTC)	1600 UTC TO 1700 UTC	True wind speed (knots) **OR**	3
		Beaufort code	
Latitude	62° 09.0' N	True wind direction (deg)	NE
Longitude	091° 47.3' W	Ice type code	Première Année
Platform activity	180° or other (specify:)	Ice concentration code	2/10 , variable
Scan type	AT ⊥	Height of eye (m)	(Out) or In
Scan direction	5Km	Outdoors or Indoors	33.1m
Visibility (km)			

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
TBLU	3	Fly	Yes	A			N	A				
NOFU	1	Fly	Yes	B			ND	A				

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Desgagnes	Weather code	1
Platform name and type	NORDIKA Desgagnes	Glare conditions code	0
Observer (s)	MELINA JOBIN	Sea state code	0
Date (DD/MMM/YYYY)	17/07/2019	Wave height (m)	Less than 1m
Time at start (UTC)	1700 UTC	True wind speed (knots) **OR**	
Latitude	62°45.6' N	Beaufort code	2
Longitude	092° 09.9' W	True wind direction (deg)	SSW
Platform activity		Ice type code	2/10
Scan type	180° or other (specify:)	Ice concentration code	
Scan direction	AT ⊥	Height of eye (m)	Out or In
Visibility (km)	7km	Outdoors or Indoors	33.1m

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
BLGU	8	Fly	Yes	A			ND	A				
BLSC	6	Water	Yes	A			N/A	A				

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	DESGAGNÉS	Weather code	1
Platform name and type	NORDICA desgagnés	Glare conditions code	0
Observer (s)	MELINA JOBIN	Sea state code	0
Date (DD/MMM/YYYY)	24-07-2019	Wave height (m)	less than 1m
Time at start (UTC)	1800 UTC	True wind speed (knots) **OR**	3
		Beaufort code	
Latitude	62° 46.6'N	True wind direction (deg)	NW
Longitude	092° 05.7'W	Ice type code	
Platform activity	180° or other (specify:)	Ice concentration code	1/10
Scan type	Ship AT ⚓	Height of eye (m)	Out or In
Scan direction	5km	Outdoors or Indoors	33.1m
Visibility (km)			

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
UNKN	12	Fly	~~yes~~	A			SE	A				
UNKN	8	Fly	yes	A			SE					
BLSC	2	water	yes	A			N/A.					

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	DESGAGNES
Platform name and type	NORDIKA DESGAGNES
Observer (s)	LUKE GATHERALL
Date (DD/MMM/YYYY)	04-07-2019
Time at start (UTC)	2131 (-4)
Time at end (UTC)	
Latitude at start / end	62° 41.9'N
Longitude at start / end	079° 15.9'W
Platform activity	Underway
Visibility (km)	10km
Weather code	7
Glare conditions code	

Sea state code	1
Wave height (m)	0.25 m
True wind speed (knots) **OR**	6 knots
Beaufort code	
True wind direction (deg)	045° T
Ice type code	
Ice concentration code	
True platform speed (knots)	12
True platform direction (deg)	Starboard Port
Observation side	
Height of eye (m)	
Outdoors or Indoors	Out or In
Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
TBMU	5	FLY	Yes	C			E					
TBMU	3	FLY	Yes	A			E					
TBMU	3	FLY	Yes	B			E					
TBMU	1	FLY	YES	C			E					
TBMU	5	FLY	YES	A			W					
TBMU	1	Water	yes	A								
TBMU	6	FLY	yes	B			E					
TBMU	5	FLY	yes	A			W					
TBMU	1	Water	yes	A								
TBMU	2	Water	yes	A								
TBMU	1	FLY	yes	A			W					
TBMU	3	Water	Yes	C								
TBMU	1	FLY	yes	A			E					

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	DESGAGNÉS	Sea state code	Beaufort 3
Platform name and type	NORDIKA DESGAGNÉS	Wave height (m)	1m
Observer (s)	MELINA JOBIN (3OFF)	True wind speed (knots) **OR** Beaufort code	7.6 KNTS ENE
Date (DD/MMM/YYYY)	04/07/2019	True wind direction (deg)	
Time at start (UTC)		Ice type code	
Time at end (UTC)	2345	Ice concentration code	~~0~~
Latitude at start / end	0015 / 05/07/2019	True platform speed (knots)	~~0~~
Longitude at start / end	62°41.9'N /	True platform direction (deg)	12.5 KNTS
Platform activity	079° 00.5'W	Observation side	(Starboard) Port
Visibility (km)	NORDIKA / UNDERWAY	Height of eye (m)	
Weather code	5 km	Outdoors or Indoors	(Out) or In
Glare conditions code		Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
UNKN	15	FLY	YES	A			W					
UNKN	20	FLY	YES	A			W					
BLGU	1	FLY	YES	A			S	A				

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	Desgagnés	Sea state code	Beaufort 2
Platform name and type	Nordica Desgagnés	Wave height (m)	0.5m
Observer (s)	Ann Martin (AM) / 3OFF MJ	True wind speed (knots) **OR**	6kts NNE
		Beaufort code	
Date (DD/MMM/YYYY)	05/07/2019	True wind direction (deg)	
Time at start (UTC)	1240	Ice type code	0
Time at end (UTC)		Ice concentration code	0
Latitude at start / end	61° 54.976 N	True platform speed (knots)	12.2 kts
Longitude at start / end	093° 44.255 W	True platform direction (deg)	
Platform activity	Underway	Observation side	Starboard Port
Visibility (km)	5km	Height of eye (m)	
Weather code		Outdoors or Indoors	Out or In
Glare conditions code		Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
TBLU	8	Fly	yes	A			ND					
NOFU	1	Fly	yes	A			E					

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	Desgagnés	Sea state code	Beaufort 3
Platform name and type	NORDKRA Desgagnés	Wave height (m)	0.5m
Observer (s)	Melina Robin & Ann Martin	True wind speed (knots) **OR**	6.5KTS NNE
		Beaufort code	
Date (DD/MMM/YYYY)	05/07/19	True wind direction (deg)	
Time at start (UTC)	0110	Ice type code	
Time at end (UTC)		Ice concentration code	0
Latitude at start / end	62°27.8'N	True platform speed (knots)	0
Longitude at start / end	088°33.09'W	True platform direction (deg)	7.9KTS
Platform activity	Nordika underway	Observation side	Starboard (Port)
Visibility (km)	5km	Height of eye (m)	
Weather code		Outdoors or Indoors	Out or (In)
Glare conditions code		Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
TBLU	3	Fly	yes	A			S	A				

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	DESGAGNÉS	Sea state code	Beaufort 1
Platform name and type	NORDIKA DESGAGNÉS	Wave height (m)	0.5m
Observer (s)	MÉLINA JOBIN (3OFF)	True wind speed (knots) **OR**	6 SW
		Beaufort code	
Date (DD/MMM/YYYY)	27/07/2019	True wind direction (deg)	
Time at start (UTC)	10H50	Ice type code	0 NO ICE
Time at end (UTC)	11H15	Ice concentration code	0
Latitude at start / end	62° 41,9' N	True platform speed (knots)	14,1 KNTS
Longitude at start / end	078° 19.5' W	True platform direction (deg)	Starboard Port
Platform activity	HUDSON BAY / UNDERWAY	Observation side	
Visibility (km)	5 km	Height of eye (m)	Out or In
Weather code	blue sky	Outdoors or Indoors	Yes or No
Glare conditions code		Snapshot used?	

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
UNKN	9	FLY	Yes	A			N					
UNKN	22	FLY	Yes	A			N					

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

AGNICO EAGLE

MMSO training attendance sheet

Topic: MMSO procedures
Date:
Compagny: Desgagnés
Boat : Acadia

Name (Print)	Signature
EMMANUEL MAUGER	
Jérémie L. Dumond	
Antoine Hénot	
Charlotte Fafard-Morrissette	
Emmanuel MAUGER	

Record sheet for a moving platform survey

Observation Period Information:

Company/agency			Sea state code	5
Platform name and type	M/V Acadia Desgagnés		Wave height (m)	2 m
Observer (s)	Charlotte Faford-Morrissette		True wind speed (knots) **OR** Beaufort code	24 Kn
Date (DD/MMM/YYYY)	29/08/2019		True wind direction (deg)	320°
Time at start (UTC)	1615		Ice type code	0
Time at end (UTC)	1815		Ice concentration code	0
Latitude at start / end	60°43.6'N	60°49.9'N	True platform speed (knots)	11.3 Kn
Longitude at start / end	064°16.3'W	065°08.9'W	True platform direction (deg)	327°
Platform activity			Observation side	Starboard Port
Visibility (km)	2 Km		Height of eye (m)	22 m
Weather code	2		Outdoors or Indoors	Out or In
Glare conditions code	1		Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
HERG	1	Fly	A	B	20	36	NE	–	–	–	

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency			Sea state code ★	5
Platform name and type	M/V Acadia Desgagnés		Wave height (m)	2
Observer (s)	Charlotte Fafard-Morrissette		True wind speed (knots) OR ★ Beaufort code	24 Kn
Date (DD/MMM/YYYY)	29-08-2019		True wind direction	320°
Time at start (UTC)	1615		Ice type code★	0
Time at end (UTC)	1815		Ice concentration code ★	0
Latitude at start / end	60°43,6'N	60°49,9'N	True platform speed (knots)	11,3
Longitude at start / end	064°16,3'W	065°08,9'W	True platform direction	327°
Visibility (km)	2 Km		Observation side	(Starboard) Port Middle
Weather code ★	2		Height of eye (m)	22 m
Glare conditions code ★	1		Outdoors or Indoors	Out or (In)
Platform Activity			Notes	NO OBSERVATION

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: NO OBSERVATION

★ Refer to "Codes" datasheets

Record sheet for a moving platform survey

Observation Period Information:

Company/agency			Sea state code	3
Platform name and type	M/V Acadia Desgagnés		Wave height (m)	* <1m
Observer (s)	Charlotte Fafard-Morrissette		True wind speed (knots) **OR** Beaufort code	16 Kn
Date (DD/MMM/YYYY)	30-08-2019		True wind direction (deg)	155°
Time at start (UTC)	0930		Ice type code	0
Time at end (UTC)	1130		Ice concentration code	0
Latitude at start / end	61°33,9'N	61°45,3'N	True platform speed (knots)	9,5 Kn
Longitude at start / end	070°15,6'W	070°51,8'W	True platform direction (deg)	303°
Platform activity			Observation side	[Starboard] Port
Visibility (km)	3		Height of eye (m)	22 m
Weather code	2		Outdoors or Indoors	Out or (In)
Glare conditions code	1		Snapshot used?	Yes or No

Notes: ★ 2056 UTC → 62°31,2'N/074°11,7'W

NO OBSERVATION

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
★ HEG	20	Fly	A	30m							

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency			Sea state code ★	3
Platform name and type	M/V Acadia Desgagnés		Wave height (m)	<1m
Observer (s)	Charlotte Fafard-Morrissette		True wind speed (knots) OR ★ Beaufort code	16 Kn
Date (DD/MMM/YYYY)	30-08-2019		True wind direction	155°
Time at start (UTC)	0930		Ice type code★	0
Time at end (UTC)	1130		Ice concentration code ★	0
Latitude at start / end	61°33,9'N	61°45,3'N	True platform speed (knots)	9,5 Kn
Longitude at start / end	070°15,6'W	070°51,8'W	True platform direction	303°
Visibility (km)	3		Observation side	(Starboard) Port Middle
Weather code ★	2		Height of eye (m)	22 m
Glare conditions code ★	1		Outdoors or Indoors	Out or (In)
Platform Activity			Notes	NO OBSERVATION

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: NO OBSERVATION

★ Refer to "Codes" datasheets

Record sheet for a moving platform survey

Observation Period Information:

Company/agency		Sea state code	5
Platform name and type	M/V Acadia Desgagnés	Wave height (m)	1
Observer (s)	Charlotte Fafard-Morrissette	True wind speed (knots) **OR** Beaufort code	25 Kn
Date (DD/MMM/YYYY)	31-08-2019	True wind direction (deg)	240°
Time at start (UTC)	2000	Ice type code	0
Time at end (UTC)	2040	Ice concentration code	0
Latitude at start / end	62°39,1'N / 62°39,4'N	True platform speed (knots)	8,7
Longitude at start / end	077°27,1'W / 077°35,7'W	True platform direction (deg)	275°
Platform activity		Observation side	[Starboard] Port
Visibility (km)	4	Height of eye (m)	22m
Weather code	1	Outdoors or Indoors	Out or (In)
Glare conditions code	0	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
TBMU	9	both	A	30 to 60m							Swimming, flying, playing around
UNGU	1	Fly	B	60m							SAGU? White with black tips on wings

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2] Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3] ***J***(uvenile), ***I***(mmature), or ***A***(dult); [4] ***B***(reeding), ***NB***(non-breeding), ***M***(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency			Sea state code	1
Platform name and type	MV Acadia Desgagnés		Wave height (m)	0
Observer (s)	Charlotte Fafard-Morrissette		True wind speed (knots) **OR** Beaufort code	1 kn
Date (DD/MMM/YYYY)	01-09-2019		True wind direction (deg)	015°
Time at start (UTC)	1630		Ice type code	0
Time at end (UTC)	1830		Ice concentration code	0
Latitude at start / end	63°02.4'N	63°02.1'N	True platform speed (knots)	12.5
Longitude at start / end	084°56.6'W	085°57.6'W	True platform direction (deg)	261°
Platform activity			Observation side	Starboard Port
Visibility (km)	4		Height of eye (m)	22m
Weather code	1		Outdoors or Indoors	Out or (In)
Glare conditions code	0		Snapshot used?	Yes or No

Notes:

extra in the area → 63°06.9'N / 083°53.2'W ~3 Geese / 2 male + 1 fem / Flying North ~2 GLGU Flying West 1400 UTC

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
PCJA	1	Fly	B	90m			NE				
Thayer's Gull	1	Fly	A	10m			ENE				Dirty greyall over with spots
UNJA	3	Fly	B	80m			W				Small, black & white
TBMU	4	Fly	B	95m			W				
GLGU	1	Fly	A	150m			E				
GLGU	1	Fly	A	40m			NE				Huge, bigger than usual

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency			Sea state code ★	1
Platform name and type	M/V Acadia Desgagnés		Wave height (m)	0
Observer (s)	Charlotte Fafard-Morrissette		True wind speed (knots) OR Beaufort code ★	1
Date (DD/MMM/YYYY)	01-09-2019		True wind direction	015°
Time at start (UTC)	1630		Ice type code ★	12.5
Time at end (UTC)	1830		Ice concentration code ★	0
Latitude at start / end	63°02.4'N	63°02.1'N	True platform speed (knots)	0
Longitude at start / end	084°56.6'W	085°57.6'W	True platform direction	261°
Visibility (km)	4		Observation side	(Starboard) Port Middle
Weather code ★	1		Height of eye (m)	22 m
Glare conditions code ★	0		Outdoors or Indoors	Out or (In)
Platform Activity			Notes	NO OBSERVATION

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

- Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: NO OBSERVATION

★ Refer to "Codes" datasheets

Record sheet for a stationary platform survey

Scan Information:

Company/agency		Weather code	0
Platform name and type	M/V Acadia Desgagnés	Glare conditions code	0
Observer (s)	Charlotte Feford, M	Sea state code	0
Date (DD/MMM/YYYY)	31-08-2019	Wave height (m)	0
Time at start (UTC)	1030	True wind speed (knots) **OR** Beaufort code	.
Latitude	62°13.4'N	True wind direction (deg)	
Longitude	075°39.5'W	Ice type code	0
Platform activity	anchor	Ice concentration code	0
Scan type	180° or other (specify:)	Height of eye (m)	22m
Scan direction		Outdoors or Indoors	Out or (In)
Visibility (km)	3		

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
UNDU	50	both	B	50to100							un black duck

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency			Sea state code	3
Platform name and type	M/V Acadia Desgagnés		Wave height (m)	>1m
Observer (s)	Charlotte Fafard M		True wind speed (knots) **OR** Beaufort code	14 Kn
Date (DD/MMM/YYYY)	11-09-2019		True wind direction (deg)	330°
Time at start (UTC)	2130		Ice type code	0
Time at end (UTC)	2330		Ice concentration code	0
Latitude at start / end	61° 57.7' N	62°07.5' N	True platform speed (knots)	12.8 Kn
Longitude at start / end	083°00.8' W	082°15.9' W	True platform direction (deg)	095°
Platform activity			Observation side	(Starboard) Port
Visibility (km)	4 Km		Height of eye (m)	22 m
Weather code	1		Outdoors or Indoors	Out or (In)
Glare conditions code	0		Snapshot used?	Yes or No

Notes:

NO OBSERVATION

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
HERG	7	both	A	20-25m							

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency			Sea state code ★	3
Platform name and type	MV Acadia Desgagnés		Wave height (m)	>1m
Observer (s)	Charlotte Faford. M		True wind speed (knots) OR ★ Beaufort code	14 Kn
Date (DD/MMM/YYYY)	11-09-2019		True wind direction	330°
Time at start (UTC)	2130		Ice type code★	0
Time at end (UTC)	2330		Ice concentration code ★	0
Latitude at start / end	61° 57.7' N	62° 07.5' N	True platform speed (knots)	12.8 Kn
Longitude at start / end	083° 00.8' W	082° 15.9' W	True platform direction	095°
Visibility (km)	4 Km		Observation side	Starboard Port Middle
Weather code ★	1		Height of eye (m)	22m
Glare conditions code ★	0		Outdoors or Indoors	Out or In
Platform Activity			Notes	NO OBSERVATION

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: NO OBSERVATION

★ Refer to "Codes" datasheets

Record sheet for a moving platform survey

Observation Period Information:

Company/agency			Sea state code	2-3
Platform name and type	M/V Acadia Desgagnés		Wave height (m)	>1m
Observer (s)	Charlotte Fafard, M		True wind speed (knots) **OR** Beaufort code	12 kn
Date (DD/MMM/YYYY)	12-09-2019		True wind direction (deg)	275°
Time at start (UTC)	1700		Ice type code	0
Time at end (UTC)	1900		Ice concentration code	0
Latitude at start / end	62°31.4'N	62°31.1'N	True platform speed (knots)	13.6 kn
Longitude at start / end	074°24.0'W	073°30.1'W	True platform direction (deg)	095°
Platform activity			Observation side	(Starboard) Port
Visibility (km)	4		Height of eye (m)	22 m
Weather code	1		Outdoors or Indoors	Out or (In)
Glare conditions code	0		Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
HERG	2	Fly	A	30m							
HERG	5	Fly	B	50m							
HERG	1	Fly	A	15m							

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency			Sea state code ★	2-3
Platform name and type	MV Acadia Desgagnés		Wave height (m)	>1m
Observer (s)	Charlotte Fafard.M		True wind speed (knots) OR ★ Beaufort code	12 Kn
Date (DD/MMM/YYYY)	12-09-2019		True wind direction	275°
Time at start (UTC)	1700		Ice type code★	0
Time at end (UTC)	1900		Ice concentration code ★	0
Latitude at start / end	62° 31,4' N	62° 31,1' N	True platform speed (knots)	13,6 Kn
Longitude at start / end	074°24,0' W	073° 30,1'W	True platform direction	095°
Visibility (km)	4		Observation side	Starboard Port Middle
Weather code ★	1		Height of eye (m)	22m
Glare conditions code ★	0		Outdoors or Indoors	Out or In
Platform Activity			Notes	NO OBSERVATION

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes:
NO OBSERVATION

★ Refer to "Codes" datasheets

Record sheet for a moving platform survey

Observation Period Information:

Company/agency		Sea state code	3
Platform name and type	M/V Acadia Desgagnés	Wave height (m)	71m
Observer (s)	Charlotte Fafard, M	True wind speed (knots) **OR** Beaufort code	13 Kn
Date (DD/MMM/YYYY)	13/09/2019	True wind direction (deg)	220°
Time at start (UTC)	0930	Ice type code	0
Time at end (UTC)	1130	Ice concentration code	0
Latitude at start / end	61°18,4'N / 61°05,9'N	True platform speed (knots)	13 Kn
Longitude at start / end	067°43,1'W / 066°59,3'W	True platform direction (deg)	120°
Platform activity		Observation side	Starboard Port
Visibility (km)	4 Km	Height of eye (m)	22m
Weather code	1	Outdoors or Indoors	Out or In
Glare conditions code	0	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
UNKN	1	Fly	A	2m							plover, small, fast. ++
~~[illegible]~~											Right in window.
HERG	1	Fly	A	30m							
POJA	1	Fly	A	30m							wings & colors
HERG	4	Fly	A	20m							3 male + 1 female
UNKN	2	Fly	A	10m							plover, small, fast ++
UNGU	1	Fly	A	40m							too fast to see.

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2] Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3] ***J***(uvenile), ***I***(mmature), or ***A***(dult); [4] ***B***(reeding), ***NB***(non-breeding), ***M***(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency			Sea state code ★	3
Platform name and type	MV Acadia Desgagnés		Wave height (m)	>1m
Observer (s)	Charlotte Fafard.M		True wind speed (knots) OR ★ Beaufort code	13
Date (DD/MMM/YYYY)	13/09/1994		True wind direction	220°
Time at start (UTC)	0930		Ice type code★	0
Time at end (UTC)	1130		Ice concentration code ★	0
Latitude at start / end	61° 18.4' N	61°05.9' N	True platform speed (knots)	13
Longitude at start / end	067° 43.1' W	066°59.3' W	True platform direction	120°
Visibility (km)	4		Observation side	(Starboard) Port Middle
Weather code ★	1		Height of eye (m)	22m
Glare conditions code ★	0		Outdoors or Indoors	Out or (In)
Platform Activity			Notes	NO OBSERVATION

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: NO OBSERVATION

★ Refer to "Codes" datasheets

AGNICO EAGLE

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather/ Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 27/07/2019: NO OBSERVATIONS
1400-1430

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOW BANK		Sea state code ★	5
Platform name and type	ACADIA DESGAGNES / CARGO		Wave height (m)	2
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR ★ Beaufort code	28 kts
Date (DD/MMM/YYYY)	27/07/2019		True wind direction	W
Time at start (UTC)	1400		Ice type code ★	0
Time at end (UTC)	1430		Ice concentration code ★	0
Latitude at start / end	60°00.0'N	60° 02.6'N	True platform speed (knots)	11.5
Longitude at start / end	063° 03.9'W	063° 12.0'W	True platform direction	320°
Visibility (km)	30		Observation side	Starboard Port Middle
Weather code ★	1		Height of eye (m)	22 m
Glare conditions code ★	1		Outdoors or Indoors	Out or In
Platform Activity	TRAVELLING		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOWBANK	Sea state code	2
Platform name and type	ACADIA DESGAGNES - CARGO	Wave height (m)	2
Observer (s)	STEPHEN BADCOCK	True wind speed (knots) OR Beaufort code	16
Date (DD/MMM/YYYY)	27-07-2019	True wind direction (deg)	W
Time at start (UTC)	2130	Ice type code	0
Time at end (UTC)	2200	Ice concentration code	0
Latitude at start / end	60° 42.4'N / 60° 44.8'N	True platform speed (knots)	11.2
Longitude at start / end	065° 39.7'W / 065° 49.9'W	True platform direction (deg)	301
Platform activity	TRAVELLING	Observation side	Starboard Port
Visibility (km)	30 km	Height of eye (m)	22m
Weather code	0	Outdoors or Indoors	Out or In
Glare conditions code	3	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comme
[redacted]												
GLGU	5	FLY	Y	A	18	39	W	A	B	M		
MASH	3	FLY	Y	A	20	39	S	A	B	M		

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather/ Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 27/07/2019 2200 - 2230 : NO OBSERVATIONS

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE		Sea state code ★	2
Platform name and type	ACADIA DESGAGNES / CARGO		Wave height (m)	3m
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR ★ Beaufort code	21
Date (DD/MMM/YYYY)	27/07/2019		True wind direction	W
Time at start (UTC)	2200		Ice type code ★	0
Time at end (UTC)	2230		Ice concentration code ★	0
Latitude at start / end	60° 44.9'N	60° 47.4'N	True platform speed (knots)	11.6
Longitude at start / end	063° 50.1'W	063° 00.7'W	True platform direction	298°
Visibility (km)	30 Km		Observation side	Starboard Port Middle
Weather code ★	0		Height of eye (m)	22 m
Glare conditions code ★	3		Outdoors or Indoors	Out or In
Platform Activity	TRAVELLING		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOW BANK	Sea state code	3
Platform name and type	ACADIA DESGAGNES - CARGO	Wave height (m)	3
Observer (s)	STEPHEN BADCOCK	True wind speed (knots) OR Beaufort code	13
Date (DD/MMM/YYYY)	28/07/2019	True wind direction (deg)	NW
Time at start (UTC)	0000	Ice type code	0
Time at end (UTC)	0030	Ice concentration code	0
Latitude at start / end	60° 55.6'N / 60° 58.4'N	True platform speed (knots)	13.0
Longitude at start / end	066° 35.4'W / 066° 46.6'W	True platform direction (deg)	294
Platform activity	TRAVELLING	Observation side	Starboard Port
Visibility (km)	30 km	Height of eye (m)	22m
Weather code	0	Outdoors or Indoors	Out or In
Glare conditions code	3	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Commer
GLGU	4	FLY	Y	A	20	39	S	A	B	M		
DOVE	6	FLY	Y	A	20	39	NW	A	B	M		
GLGU	2	FLY	Y	B	11	44	N	I	NB	M		

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE MEADOWBANK		Sea state code ★	3
Platform name and type	ACADIA DESGAGNES / CARGO		Wave height (m)	3
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR ★ Beaufort code	12 kts
Date (DD/MMM/YYYY)	28/07/2019		True wind direction	NW
Time at start (UTC)	0030		Ice type code ★	0
Time at end (UTC)	0100		Ice concentration code ★	0
Latitude at start / end	60° 58.4'N	61°01.2'N	True platform speed (knots)	12.9
Longitude at start / end	066° 46.6'W	066°58.9'W	True platform direction	294
Visibility (km)	30 Km		Observation side	Starboard Port Middle
Weather code ★	0		Height of eye (m)	22 m
Glare conditions code ★	3		Outdoors or Indoors	Out or In
Platform Activity	TRAVELLING		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather/ Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 28/07/2019 0030-0100 : NO OBSERVATIONS

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

↗ Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (If any)

Notes: 28/07/2019 1230-1300: NO OBSERVATIONS

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE		Sea state code ★	1
Platform name and type	ACADIA DESGAGNES / CARGO		Wave height (m)	1
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR ★ Beaufort code	10
Date (DD/MMM/YYYY)	28/07/2019		True wind direction	NW
Time at start (UTC)	1230		Ice type code ★	0
Time at end (UTC)	1300		Ice concentration code ★	0
Latitude at start / end	62° 04.7'N	62° 07.4'N	True platform speed (knots)	12.8
Longitude at start / end	071° 30.3'W	071° 42.1'W	True platform direction	298
Visibility (km)	30 km		Observation side	Starboard Port Middle
Weather code ★	0		Height of eye (m)	22 m
Glare conditions code ★	0		Outdoors or Indoors	Out or In
Platform Activity	TRAVELLING		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOW BANK	Sea state code	1
Platform name and type	ACADIA DESGAGNES - CARGO	Wave height (m)	1
Observer (s)	STEPHEN BADCOCK	True wind speed (knots) OR	11
Date (DD/MMM/YYYY)	28/07/2019	Beaufort code	NW
Time at start (UTC)	1200	True wind direction (deg)	0
Time at end (UTC)	1230	Ice type code	0
Latitude at start / end	62° 01.7'N / 62° 04.7'N	Ice concentration code	12.5
Longitude at start / end	071° 18.2'W / 071° 30.2'W	True platform speed (knots)	298
Platform activity	TRAVELLING	True platform direction (deg)	Starboard Port
Visibility (km)	30 Km	Observation side	22m
Weather code	0	Height of eye (m)	Out or In
Glare conditions code	0	Outdoors or Indoors	Yes or No
		Snapshot used?	

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
DOVE	6	FLY	Y	A	20	39	N	A	B	M		
LTDU	3	WAT	Y	B	17	66	–	A	B	F		

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather/ Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 28/07/2014 2000-2030 ∴ NO OBSERVATIONS

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency	AGNICO EAGLE		Sea state code ★	3
Platform name and type	ACADIA DESGAGNES / CARGO		Wave height (m)	1
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR ★ Beaufort code	20
Date (DD/MMM/YYYY)	28/07/2019		True wind direction	NE
Time at start (UTC)	2000		Ice type code★	0
Time at end (UTC)	2080		Ice concentration code ★	0
Latitude at start / end	62° 21.9'N	62° 19.3'N	True platform speed (knots)	12.2
Longitude at start / end	074° 20.8'W	074° 32.4'W	True platform direction	245
Visibility (km)	30		Observation side	Starboard Port Middle
Weather code ★	0		Height of eye (m)	22 m
Glare conditions code ★	3		Outdoors or Indoors	Out or In
Platform Activity	TRAVELLING		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOW BANK	Sea state code	3
Platform name and type	ACADIA DESGAGNES - CARGO	Wave height (m)	1-2
Observer (s)	STEPHEN BADCOCK	True wind speed (knots) OR	24
Date (DD/MMM/YYYY)	28/07/2019	Beaufort code	NE
Time at start (UTC)	2030	True wind direction (deg)	0
Time at end (UTC)	2100	Ice type code	0
Latitude at start / end	62° 19.2'N / 62° 16.2'N	Ice concentration code	12.4
Longitude at start / end	074° 33.1'W / 074° 45.1'W	True platform speed (knots)	243
Platform activity	TRAVELLING	True platform direction (deg)	Starboard Port
Visibility (km)	30	Observation side	22m
Weather code	0	Height of eye (m)	Out or In
Glare conditions code	3	Outdoors or Indoors	Yes or No
		Snapshot used?	

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Commen
TBMU	4	WAT	Y	B	11	106	—	A	B	M		
TBMU	2	FLY	Y	A	20	39	NE	A	B	F		

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOWBANK	Sea state code	2
Platform name and type	ACADIA DESGAGNES - CARGO	Wave height (m)	1
Observer (s)	STEPHEN BADCOCK	True wind speed (knots) OR Beaufort code	14
Date (DD/MMM/YYYY)	30-07-2019	True wind direction (deg)	E
Time at start (UTC)	0000	Ice type code	0
Time at end (UTC)	0030	Ice concentration code	0
Latitude at start / end	62° 31.5'N / 62° 33.7'N	True platform speed (knots)	13.8
Longitude at start / end	076° 20.0'W / 076° 33.7'W	True platform direction (deg)	287
Platform activity	TRAVELLING	Observation side	Starboard Port
Visibility (km)	30 km	Height of eye (m)	22m
Weather code	0	Outdoors or Indoors	Out or In
Glare conditions code	3	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Commen
NOFU	3	WAT	Y	B	17	33	-	A	B	M		
DOVE	1	FLY	Y	A	20	39	S	A	B	M		
LESP	8	FLY	Y	A	20	39	S	A	B	M		
LTDU	1	FLY	Y	A	18	36	NE	A	B	M		
TBMU	2	FLY	Y	A	20	39	SW	A	B	M		

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 30-07-2014 0030 - 0100 : NO OBSERVATIONS

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE MEADOW BANK		Sea state code ★	2
Platform name and type	ACADIA DESGAGNES / CARGO		Wave height (m)	1
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR ★ Beaufort code	12
Date (DD/MMM/YYYY)	30-07-2019		True wind direction	E
Time at start (UTC)	0030		Ice type code ★	0
Time at end (UTC)	0100		Ice concentration code ★	0
Latitude at start / end	62° 33.7'N	62° 35.9'N	True platform speed (knots)	13.2
Longitude at start / end	076° 34.0'W	076° 42.3'W	True platform direction	290
Visibility (km)	30		Observation side	Starboard Port Middle
Weather code ★	0		Height of eye (m)	22 m
Glare conditions code ★	3		Outdoors or Indoors	Out or In
Platform Activity	TRAVELLING		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOWBANK		Sea state code ★	2
Platform name and type	ACADIA DESGAGNES / CARGO		Wave height (m)	1
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR ★ Beaufort code	15
Date (DD/MMM/YYYY)	30/07/2019		True wind direction	NE
Time at start (UTC)	1200		Ice type code ★	G
Time at end (UTC)	1230		Ice concentration code ★	0
Latitude at start / end	62° 15.0'N	62° 12.6'N	True platform speed (knots)	12.5
Longitude at start / end	081° 30.8'W	081° 43.7'W	True platform direction	249
Visibility (km)	30 Km		Observation side	Starboard Port Middle
Weather code ★	1		Height of eye (m)	22 m
Glare conditions code ★	0		Outdoors or Indoors	Out or In
Platform Activity	TRAVELLING		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 30/07/2019 1200-1230 : NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	AGNICO EAGLE MEADOWBANK		Sea state code	2
Platform name and type	ACADIA DESGAGNES-CARGO		Wave height (m)	1
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) **OR**	15
			Beaufort code	
Date (DD/MMM/YYYY)	30/07/2019		True wind direction (deg)	NE
Time at start (UTC)	1230		Ice type code	0
Time at end (UTC)	1300		Ice concentration code	0
Latitude at start / end	62° 12.6'N	62° 10.3'N	True platform speed (knots)	12.8
Longitude at start / end	081° 44.1'W	081° 56.2'W	True platform direction (deg)	247
Platform activity	TRAVELLING		Observation side	Starboard Port
Visibility (km)	30		Height of eye (m)	22m
Weather code	1		Outdoors or Indoors	Out or In
Glare conditions code	0		Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
COVE	10	FLY	Y	B	20	39	NE	A	B	M		
GLGU	1	FLY	Y	A	20	39	N	A	B	F		
BLGU	3	WAT	Y	A	10	33	–	A	B	M		
NOFU	1	FLY	Y	A	18	49	S	A	B	F		
NOFU	1	FLY	Y	A	18	49	S	I	NB	M		

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOW BANK	Sea state code	2
Platform name and type	ACADIA DESGAGNES - CARGO	Wave height (m)	1
Observer (s)	STEPHEN BADCOCK	True wind speed (knots) **OR**	11
Date (DD/MMM/YYYY)	30/07/2018	Beaufort code	N
Time at start (UTC)	2130	True wind direction (deg)	0
Time at end (UTC)	2200	Ice type code	0
Latitude at start / end	62° 18.3'N / 62° 20.4'N	Ice concentration code	10.2
Longitude at start / end	085° 10.0'W / 085° 20.4'W	True platform speed (knots)	295
Platform activity	TRAVELLING	True platform direction (deg)	Starboard Port
Visibility (km)	30 km	Observation side	22m
Weather code	1	Height of eye (m)	Out or In
Glare conditions code	0	Outdoors or Indoors	Yes or No
		Snapshot used?	

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
DOVE	1	FLY	Y	A	20	39	S	A	B	F		
DOVE	2	FLY	Y	A	20	39	NW	A	B	M		
WISP	8	FLY	Y	A	20	39	N	A	B	M		

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 30/07/2019 2200-2230 : NO OBSERVATIONS

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information

Company/agency	AGNICO EAGLE - MEADOWBANK		Sea state code ★	1
Platform name and type	ACADIA DESGAGNES / CARGO		Wave height (m)	1
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR Beaufort code ★	10
Date (DD/MMM/YYYY)	30/07/2018		True wind direction	N
Time at start (UTC)	2200		Ice type code ★	0
Time at end (UTC)	2230		Ice concentration code ★	0
Latitude at start / end	62° 20.4'N	62° 22.4'N	True platform speed (knots)	10.4
Longitude at start / end	085° 20.5'W	085° 30.7'W	True platform direction	295
Visibility (km)	30		Observation side	Starboard Port Middle
Weather code ★	1		Height of eye (m)	22 m
Glare conditions code ★	0		Outdoors or Indoors	Out or In
Platform Activity	TRAVELLING		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information				
Company/agency	AGNICO EAGLE - MEADOWBANK		Sea state code ★	1
Platform name and type	ACADIA DESGAGNES / CARGO		Wave height (m)	< 1m
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR Beaufort code ★	9
Date (DD/MMM/YYYY)	31/07/2019		True wind direction	N
Time at start (UTC)	0100		Ice type code ★	0
Time at end (UTC)	0130		Ice concentration code ★	0
Latitude at start / end	62° 32.2'N	62° 34.2'N	True platform speed (knots)	10.2
Longitude at start / end	086° 22.5'W	086° 32.0'W	True platform direction	294
Visibility (km)	30		Observation side	Starboard Port Middle
Weather code ★	1		Height of eye (m)	22 m
Glare conditions code ★	3		Outdoors or Indoors	Out or In
Platform Activity	TRAVELLING		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 31/07/2019 0100-0130: NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOW BANK	Sea state code	1
Platform name and type	ACADIA DESGAGNES - CARGO	Wave height (m)	< 1m
Observer (s)	STEPHEN BADCOCK	True wind speed (knots) **OR**	8
Date (DD/MMM/YYYY)	31/07/2019	Beaufort code	N
Time at start (UTC)	0130	True wind direction (deg)	0
Time at end (UTC)	0200	Ice type code	0
Latitude at start / end	62° 34.2'N / 62° 36.2'N	Ice concentration code	10.4
Longitude at start / end	086° 32.1'W / 086° 42.4'W	True platform speed (knots)	294
Platform activity	TRAVELLING	True platform direction (deg)	Starboard Port
Visibility (km)	30	Observation side	22m
Weather code	1	Height of eye (m)	Out or In
Glare conditions code	3	Outdoors or Indoors	Yes or No
		Snapshot used?	

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comm
BLGU	3	FLY	Y	A	20	39	NW	A	B	M		

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 31/07/2019 1300 - 1330 : NO OBSERVATIONS

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information

Company/agency	AGNICO EAGLE - MEADOW BANK		Sea state code ★	0
Platform name and type	ACADIA DESGAGNES / CARGO		Wave height (m)	< 1m
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR ★ Beaufort code	6
Date (DD/MMM/YYYY)	31/07/2019		True wind direction	S
Time at start (UTC)	1300		Ice type code★	0
Time at end (UTC)	1330		Ice concentration code ★	0
Latitude at start / end	63° 20.1'N	63° 23.4'N	True platform speed (knots)	9
Longitude at start / end	090° 35.5'W	090° 42.0'W	True platform direction	318
Visibility (km)	30		Observation side	Starboard Port Middle
Weather code ★	1		Height of eye (m)	22 m
Glare conditions code ★	0		Outdoors or Indoors	Out or In
Platform Activity	TRAVELLING		Notes	NO OBSERVATIONS

★Refer to "Codes" datasheets

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOW BANK	Sea state code	0
Platform name and type	ACADIA DESGAGNES - CARGO	Wave height (m)	< 1m
Observer (s)	STEPHEN BADCOCK	True wind speed (knots) OR	8
		Beaufort code	5
Date (DD/MMM/YYYY)	31/07/2014	True wind direction (deg)	0
Time at start (UTC)	1330	Ice type code	0
Time at end (UTC)	1400	Ice concentration code	0
Latitude at start / end	63° 23.5'N / 63° 26.7'N	True platform speed (knots)	9.1
Longitude at start / end	090° 42.0'W / 090° 48.3'W	True platform direction (deg)	321
Platform activity	TRAVELLING	Observation side	Starboard Port
Visibility (km)	30	Height of eye (m)	22m
Weather code	1	Outdoors or Indoors	Out or In
Glare conditions code	0	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comm
HERG	4	FLY	Y	A	20	36	W	A	B	M		
UNDU	3	WAT	Y	B	10	33	–	A	B	M		

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (If any)

Notes: 31/07/2018 2300-2330 : NO OBSERVATIONS

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOWBANK		Sea state code ★	1
Platform name and type	ACADIA DESGAGNES / CARGO		Wave height (m)	1
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR Beaufort code ★	15
Date (DD/MMM/YYYY)	31/07/2018		True wind direction	SE
Time at start (UTC)	2300		Ice type code ★	0
Time at end (UTC)	2330		Ice concentration code ★	0
Latitude at start / end	63° 56.7' N	63° 56.7' N	True platform speed (knots)	0
Longitude at start / end	093° 38.7' W	093° 38.7' W	True platform direction	133°
Visibility (km)	30		Observation side	Starboard Port Middle
Weather code ★	1		Height of eye (m)	22 m
Glare conditions code ★	0		Outdoors or Indoors	Out or In
Platform Activity	~~TRAVELLING~~ ANCHOR		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOWBANK		Sea state code ★	1
Platform name and type	ACADIA DESGAGNES / CARGO		Wave height (m)	1
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR ★ Beaufort code	17
Date (DD/MMM/YYYY)	01/08/2018		True wind direction	SE
Time at start (UTC)	0100		Ice type code★	0
Time at end (UTC)	0130		Ice concentration code ★	0
Latitude at start / end	63° 56.7'N	63° 56.7'N	True platform speed (knots)	0
Longitude at start / end	093° 38.7'W	093° 38.7'W	True platform direction	124
Visibility (km)	30		Observation side	Starboard Port Middle
Weather code ★	1		Height of eye (m)	22 m
Glare conditions code ★	0		Outdoors or Indoors	Out or In
Platform Activity	~~[illegible]~~ ANCHOR		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 01/08/2018 0100 - 0130 : NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a stationary platform survey

Scan Information:

Company/agency	AGNICO EAGLE MEADOW BANK	Weather code	1
Platform name and type	ACADIA DESGAGNES - CARGO	Glare conditions code	0
Observer (s)	STEPHEN BADCOCK	Sea state code	1
Date (DD/MMM/YYYY)	01/08/2017	Wave height (m)	1 m
Time at start (UTC)	0130	True wind speed (knots) **OR**	
Latitude	63°56.7'N	Beaufort code	19
Longitude	093° 38.7'W	True wind direction (deg)	SE
Platform activity	ANCHOR	Ice type code	0
Scan type	180° or other (specify:)	Ice concentration code	0
Scan direction	SOUTH	Height of eye (m)	22m
Visibility (km)	30	Outdoors or Indoors	IN

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
GLGU	8	WAT	Y	B	10	33	–	A	B	M		
COMU	2	FLY	Y	A	20	36	S	A	B	M		
DOVE	3	FLY	Y	A	20	36	S	A	B	M		

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	AGNICO EAGLE MEADOW BANK	Weather code	1
Platform name and type	ACADIA DESGAGNES - CARGO	Glare conditions code	0
Observer (s)	STEPHEN BADCOCK	Sea state code	1
Date (DD/MMM/YYYY)	31/07/2018	Wave height (m)	1
Time at start (UTC)	2330	True wind speed (knots) **OR**	15
	[redacted]	Beaufort code	SE
Latitude	63° 56.7' N	True wind direction (deg)	
Longitude	093° 38.7' W	Ice type code	C
Platform activity	180 or other (specify: ANCHOR)	Ice concentration code	0
Scan type	FORWARD > STBD	Height of eye (m)	~~[illegible]~~ 22m
Scan direction	30 Km	Outdoors or Indoors	IN
Visibility (km)			

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
UNDU	2	WAT	Y	B	20	606	–	A	B	F		2 DUCKS SWIMMING
UNDU	10	WAT	Y	B	20	606	–	J	NB	M		with 10 ducklings
HERG	1	FLY	Y	B	11	45	S	A	B	M		
GLGU	8	WAT	Y	B	11	33	–	A	B	M		

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 01/08/2017 1300-1330 ; NO OBSERVATIONS

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE MEADOW BANK		Sea state code ★	0
Platform name and type	ACADIA DESGAGNES - CARGO		Wave height (m)	1
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) **OR** ★ Beaufort code	5
Date (DD/MMM/YYYY)	01/08/2017		True wind direction	W
Time at start (UTC)	1300		Ice type code ★	0
Time at end (UTC)	1330		Ice concentration code ★	0
Latitude at start / end	63° 56.7' N	63° 56.7' N	True platform speed (knots)	0
Longitude at start / end	093° 38.7' W	093° 38.7' W	True platform direction	110
Visibility (km)	30		Observation side	Starboard Port Middle
Weather code ★	1		Height of eye (m)	22
Glare conditions code ★	1		Outdoors or Indoors	Out or In
Platform Activity	ANCHOR		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a stationary platform survey

Scan Information:

Company/agency	AGNICO EAGLE MEADOW BANK	Weather code	1
Platform name and type	ACADIA DESGAGNES - CARGO	Glare conditions code	1
Observer (s)	STEPHEN BADCOCK	Sea state code	0
Date (DD/MMM/YYYY)	01/08/2019	Wave height (m)	< 1m
Time at start (UTC)	1330	True wind speed (knots) **OR**	5 kts
Latitude	63° 56.7' N	Beaufort code	
Longitude	093° 38.7' W	True wind direction (deg)	W
Platform activity	ANCHOR	Ice type code	0
Scan type	180° or other (specify: ANCHOR)	Ice concentration code	0
Scan direction	FWD → STBD	Height of eye (m)	22m
Visibility (km)	30	Outdoors or Indoors	IN

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
HERG	2	FLY	Y	C	21	36	S	A	B	M		
GLGU	1	FLY	Y	B	20	36	N	A	B	F		
GLGU	1	FLY	Y	B	20	36	N	I	NB	M		
COLO	2	FLY	Y	B	20	36	N	A	B	M		
NOFU	1	WAT	Y	B	11	30	—	A	B	F		

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2] Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3] ***J***(uvenile), ***I***(mmature), or ***A***(dult); [4] ***B***(reeding), ***NB***(non-breeding), ***M***(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE MEADOW BANK		Sea state code ★	0
Platform name and type	ACADIA DESGAGNES - CARGO		Wave height (m)	< 1m
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR ★ Beaufort code	11
Date (DD/MMM/YYYY)	02/08/2019		True wind direction	N
Time at start (UTC)	0100		Ice type code★	0
Time at end (UTC)	0130		Ice concentration code ★	0
Latitude at start / end	63° 56.7'N	63° 56.7'N	True platform speed (knots)	0
Longitude at start / end	093° 38.6'W	093° 38.6'W	True platform direction	020°
Visibility (km)	30		Observation side	Starboard (circled) Port Middle
Weather code ★	0		Height of eye (m)	22
Glare conditions code ★	0		Outdoors or Indoors	Out or In (circled)
Platform Activity	ANCHOR		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

AGNICO EAGLE

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 02/08/2019 0100-0130 : NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a stationary platform survey

Scan Information:

Company/agency	AGNICO EAGLE MEADOW BANK	Weather code	0
Platform name and type	ACADIA DESGAGNES - CARGO	Glare conditions code	0
Observer (s)	STEPHEN BADCOCK	Sea state code	0
Date (DD/MMM/YYYY)	02/081 2019	Wave height (m)	< 1m
Time at start (UTC)	0130	True wind speed (knots) OR	10
Latitude	63° 56.7' N	Beaufort code	
Longitude	093° 38.6' W	True wind direction (deg)	N
Platform activity	ANCHOR	Ice type code	0
Scan type	180° or other (specify: ANCHOR)	Ice concentration code	0
Scan direction	FWD - STBD	Height of eye (m)	22m
Visibility (km)	30	Outdoors or Indoors	IN

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
NOFU	40-50	WAT	Y	C	28	60	~	A	B	M		*MANY BIRDS
NOFU	30	WAT	Y	C	28	60	—	I	NB	M		A ROCK FORMAT
												RESTING, FLYING
												BACK & FORTH
BLSC	2	FLY	Y	A	20	39	S	A	B	F		

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	AGNICO EAGLE MEADOW BANK	Weather code	0
Platform name and type	ACADIA DESGAGNES - CARGO	Glare conditions code	3
Observer (s)	STEPHEN BADCOCK	Sea state code	0
Date (DD/MMM/YYYY)	02/08/2019	Wave height (m)	<1m
Time at start (UTC)	1330	True wind speed (knots) **OR** Beaufort code	3
Latitude	63° 56.7'N	True wind direction (deg)	SE
Longitude	093° 38.6'W	Ice type code	0
Platform activity	ANCHOR	Ice concentration code	0
Scan type	180° or other (specify: ANCHOR)	Height of eye (m)	22m
Scan direction	FWD - STBD	Outdoors or Indoors	IN
Visibility (km)	30		

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
NOFU	8	FLY	Y	A	20	36	N	A	B	M		
NOFU	3	FLY	Y	A	20	36	N	I	NB	M		
LTDU	4	WAT	Y	C	10	33	-	A	B	M		

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE MEADOW BANK		Sea state code ★	0
Platform name and type	ACADIA DESGAGNES - CARGO		Wave height (m)	< 1m
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) **OR** ★ Beaufort code	2
Date (DD/MMM/YYYY)	02/08/2019		True wind direction	SE
Time at start (UTC)	1300		Ice type code ★	0
Time at end (UTC)	1330		Ice concentration code ★	0
Latitude at start / end	63° 56.7'N	63° 56.7'N	True platform speed (knots)	0
Longitude at start / end	093° 38.6'W	093° 38.6'W	True platform direction	080°
Visibility (km)	30		Observation side	Starboard (✓) Port Middle
Weather code ★	0		Height of eye (m)	22
Glare conditions code ★	3		Outdoors or Indoors	Out or In (✓)
Platform Activity	ANCHOR		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

AGNICO EAGLE

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 02/08/2019 1300-1330 : NO OBSERVATIONS

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE · MEADOW BANK		Sea state code ★	4
Platform name and type	ACADIA DESGAGNES - CARGO		Wave height (m)	2m
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) **OR** ★ Beaufort code	27
Date (DD/MMM/YYYY)	05/08/2019		True wind direction	SE
Time at start (UTC)	1300		Ice type code ★	0
Time at end (UTC)	1330		Ice concentration code ★	0
Latitude at start / end	63° 56.7'N	63° 56.7'N	True platform speed (knots)	0
Longitude at start / end	093° 38.7'W	093° 38.7'W	True platform direction	110°
Visibility (km)	30		Observation side	Starboard (✓) Port Middle
Weather code ★	5		Height of eye (m)	22
Glare conditions code ★	1		Outdoors or Indoors	Out or In (✓)
Platform Activity	ANCHOR		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

AGNICO EAGLE

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 05/08/2019 1300 - 1330 : NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a stationary platform survey

Scan Information:

Company/agency	AGNICO EAGLE MEADOW BANK	Weather code	5
Platform name and type	ACADIA DESGAGNES - CARGO	Glare conditions code	1
Observer (s)	STEPHEN BADCOCK	Sea state code	4
Date (DD/MMM/YYYY)	05/08/2019	Wave height (m)	2m
Time at start (UTC)	1330	True wind speed (knots) **OR**	26
Latitude	63° 56.7'N	Beaufort code	SE
Longitude	093° 38.7'W	True wind direction (deg)	
Platform activity	ANCHOR	Ice type code	0
Scan type	180° or other (specify: ~~[illegible]~~)	Ice concentration code	0
Scan direction	FWD → STBD	Height of eye (m)	~~[illegible]~~ 22m
Visibility (km)	30	Outdoors or Indoors	IN

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
HERG	3	FLY	Y	A	20	36	N	A	B	M		

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE · MEADOW BANK		Sea state code ★	4
Platform name and type	ACADIA DESGAGNES - CARGO		Wave height (m)	2m
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR ★ Beaufort code	23
Date (DD/MMM/YYYY)	06/08/2019		True wind direction	E
Time at start (UTC)	0100		Ice type code★	0
Time at end (UTC)	0130		Ice concentration code ★	0
Latitude at start / end	63° 56.7'N	63° 56.7'N	True platform speed (knots)	0
Longitude at start / end	093° 38.7'W	093° 38.7'W	True platform direction	088
Visibility (km)	30		Observation side	Starboard (circled) Port Middle
Weather code ★	1		Height of eye (m)	22
Glare conditions code ★	0		Outdoors or Indoors	Out or In (circled)
Platform Activity	ANCHOR		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

AGNICO EAGLE

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 06/08/2019 0100-0130: NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a stationary platform survey

Scan Information:

Company/agency	AGNICO EAGLE MEADOW BANK	Weather code	1
Platform name and type	ACADIA DESGAGNES - CARGO	Glare conditions code	C
Observer (s)	STEPHEN BADCOCK	Sea state code	4
Date (DD/MMM/YYYY)	06/08/2019	Wave height (m)	2
Time at start (UTC)	0130	True wind speed (knots) **OR**	22
	63° 56.7' N	Beaufort code	
Latitude	093° 38.7' W	True wind direction (deg)	E
Longitude	ANCHOR	Ice type code	0
Platform activity	180° or other (specify: ~~[illegible]~~)	Ice concentration code	0
Scan type	FWD - STBD	Height of eye (m)	~~[illegible]~~ 22m
Scan direction	30	Outdoors or Indoors	IN
Visibility (km)			

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
HERG	1	FLY	Y	A	20	36	N	A	B	F		

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE · MEADOW BANK		Sea state code ★	2
Platform name and type	ACADIA DESGAGNES - CARGO		Wave height (m)	1
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR ★ Beaufort code	22
Date (DD/MMM/YYYY)	06/08/2019		True wind direction	E
Time at start (UTC)	1300		Ice type code ★	0
Time at end (UTC)	1330		Ice concentration code ★	0
Latitude at start / end	63° 56.7'N	63° 56.7'N.	True platform speed (knots)	0
Longitude at start / end	093° 38.7'W	093° 38.7'W	True platform direction	082
Visibility (km)	30		Observation side	Starboard (✓) Port Middle
Weather code ★	1		Height of eye (m)	22.
Glare conditions code ★	1		Outdoors or Indoors	Out or In (✓)
Platform Activity	ANCHOR		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

AGNICO EAGLE

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 06/08/2019 1300-1330 : NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a stationary platform survey

Scan Information:

Company/agency	AGNICO EAGLE MEADOW BANK	Weather code	1
Platform name and type	ACADIA DESGAGNES - CARGO	Glare conditions code	1
Observer (s)	STEPHEN BADCOCK	Sea state code	2
Date (DD/MMM/YYYY)	06/08/2019	Wave height (m)	1
Time at start (UTC)	1330	True wind speed (knots) OR	23
Latitude	63° 56.7' N	Beaufort code	
Longitude	093° 38.7' W	True wind direction (deg)	E
Platform activity	ANCHOR	Ice type code	C
Scan type	180° or other (specify: ~~[illegible]~~)	Ice concentration code	0
Scan direction	FWD - STBD	Height of eye (m)	~~[illegible]~~ 22m
Visibility (km)	30	Outdoors or Indoors	IN

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
BLGU	1	FLY	Y	A	20	36	E	A	B	M		
HERG.	1	FLY	Y	A	20	36	N	I	NB	M		
NOFU	2	FLY	Y	A	20	39	E	I	NB	M		

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE · MEADOW BANK		Sea state code ★	2
Platform name and type	ACADIA DESGAGNES - CARGO		Wave height (m)	1
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR Beaufort code ★	17
Date (DD/MMM/YYYY)	07/08/2019		True wind direction	E
Time at start (UTC)	0100		Ice type code ★	0
Time at end (UTC)	0130		Ice concentration code ★	0
Latitude at start / end	63° 56.7'N	63° 56.7'N	True platform speed (knots)	0
Longitude at start / end	093° 38.7'W	093° 38.7'W	True platform direction	078°
Visibility (km)	30		Observation side	Starboard (circled) Port Middle
Weather code ★	1		Height of eye (m)	22
Glare conditions code ★	0		Outdoors or Indoors	Out or In (circled)
Platform Activity	ANCHOR		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

AGNICO EAGLE

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 07/08/2019 0100-0130: NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a stationary platform survey

Scan Information:

Company/agency	AGNICO EAGLE MEADOW BANK	Weather code	1
Platform name and type	ACADIA DESGAGNES - CARGO	Glare conditions code	0
Observer (s)	STEPHEN BADCOCK	Sea state code	2
Date (DD/MMM/YYYY)	07/08/2019	Wave height (m)	1
Time at start (UTC)	0130	True wind speed (knots) OR	18
Latitude	63° 56.7' N	Beaufort code	
Longitude	093° 38.7' W	True wind direction (deg)	E
Platform activity	ANCHOR	Ice type code	0
Scan type	180° or other (specify: ~~[illegible]~~)	Ice concentration code	0
Scan direction	FWD > STBD	Height of eye (m)	~~[illegible]~~ 22m
Visibility (km)	30	Outdoors or Indoors	IN

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comment
HERG	1	FLY	Y	A	20	36	W	A	B	F		
HERG	1	FLY	Y	A	20	36	W	I	NB	M		
POJA	1	FLY	Y	A	19	36	E	A	B	M		*Came to ship rested on our crane

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

AGNICO EAGLE

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 07/08/2019 1300-1330 : NO OBSERVATIONS

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE · MEADOW BANK		Sea state code ★	1
Platform name and type	ACADIA DESGAGNES - CARGO		Wave height (m)	<1
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR Beaufort code ★	7
Date (DD/MMM/YYYY)	07/08/2019		True wind direction	NE
Time at start (UTC)	1300		Ice type code ★	0
Time at end (UTC)	1330		Ice concentration code ★	0
Latitude at start / end	63° 56.6'N	63° 56.6'N.	True platform speed (knots)	0
Longitude at start / end	093° 38.6'W	093° 38.6'W	True platform direction	015°
Visibility (km)	30		Observation side	Starboard (circled) Port Middle
Weather code ★	0		Height of eye (m)	22.
Glare conditions code ★	0		Outdoors or Indoors	Out or In (circled)
Platform Activity	ANCHOR		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a stationary platform survey

Scan Information:

Company/agency	AGNICO EAGLE MEADOW BANK	Weather code	0
Platform name and type	ACADIA DESGAGNES - CARGO	Glare conditions code	0
Observer (s)	STEPHEN BADCOCK	Sea state code	1
Date (DD/MMM/YYYY)	07/08/2019	Wave height (m)	<1
Time at start (UTC)	1330	True wind speed (knots) OR	7
		Beaufort code	
Latitude	63° 56.6'N	True wind direction (deg)	NE
Longitude	093° 38.6'W	Ice type code	0
Platform activity	ANCHOR	Ice concentration code	0
Scan type	180° or other (specify: [redacted])	Height of eye (m)	[redacted] 22
Scan direction	FWD STBD	Outdoors or Indoors	IN
Visibility (km)	30		

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	C
HERG	2	FLY	Y	B	20	36	S	I	NB	M		
HERG	1	FLY	Y	B	20	36	S	A	B	F		

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE · MEADOW BANK		Sea state code ★	0
Platform name and type	ACADIA DESGAGNES - CARGO		Wave height (m)	0
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR ★ Beaufort code	5
Date (DD/MMM/YYYY)	08/08/2019		True wind direction	NE
Time at start (UTC)	0100		Ice type code★	0
Time at end (UTC)	0130		Ice concentration code ★	0
Latitude at start / end	64° 17.9'N	64° 17.9'N.	True platform speed (knots)	0
Longitude at start / end	095° 59.6'W	095° 59.7'W	True platform direction	015°
Visibility (km)	30		Observation side	Starboard Port Middle
Weather code ★	0		Height of eye (m)	22.
Glare conditions code ★	0		Outdoors or Indoors	Out or In
Platform Activity	ANCHOR		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 08/08/2019 0100-0130: NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a stationary platform survey

Scan Information:

Company/agency	AGNICO EAGLE MEADOW BANK	Weather code	0
Platform name and type	ACADIA DESGAGNES - CARGO	Glare conditions code	0
Observer (s)	STEPHEN BADCOCK	Sea state code	
Date (DD/MMM/YYYY)	08/08/2019	Wave height (m)	0
Time at start (UTC)	0130	True wind speed (knots) OR	2
		Beaufort code	
Latitude	64° 17.9' N	True wind direction (deg)	E
Longitude	095° 59.7' W	Ice type code	0
Platform activity	ANCHOR	Ice concentration code	0
Scan type	180° or other (specify: ~~[illegible]~~)	Height of eye (m)	~~[illegible]~~ 22
Scan direction	FWD - STBD	Outdoors or Indoors	IN
Visibility (km)	30		

Notes:
THE VESSEL MOVED FROM HELICOPTER ISLAND TO BAKER LAKE DURING THE AFTERNOON.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	C
GLGU	1	FLY	Y	B	20	36	E	A	B	M		
UNGU	2	WAT	Y	B	11	33	-	A	B	M		

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N, NE, E, SE, S, SW, W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE · MEADOW BANK		Sea state code ★	1
Platform name and type	ACADIA DESGAGNES - CARGO		Wave height (m)	<1m
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR ★ Beaufort code	14
Date (DD/MMM/YYYY)	08/08/2019		True wind direction	NE
Time at start (UTC)	1300		Ice type code★	0
Time at end (UTC)	1330		Ice concentration code ★	0
Latitude at start / end	64° 17.9'N	64° 17.9'N.	True platform speed (knots)	0
Longitude at start / end	095° 59.7'W	095° 59.7'W	True platform direction	018°
Visibility (km)	30		Observation side	Starboard Port Middle
Weather code ★	1		Height of eye (m)	22.
Glare conditions code ★	2		Outdoors or Indoors	Out or In
Platform Activity	ANCHOR		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

AGNICO EAGLE

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 08/08/2019 1300-1330: NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a stationary platform survey

Scan Information:

Company/agency	AGNICO EAGLE MEADOW BANK	Weather code	1
Platform name and type	ACADIA DESGAGNES - CARGO	Glare conditions code	2
Observer (s)	STEPHEN BADCOCK	Sea state code	1
Date (DD/MMM/YYYY)	08/08/2019	Wave height (m)	<1
Time at start (UTC)	1330	True wind speed (knots) OR	15
Latitude	64° 17.9'N	Beaufort code	
Longitude	095° 59.7'W	True wind direction (deg)	NE
Platform activity	ANCHOR	Ice type code	0
Scan type	180° or other (specify: [redacted])	Ice concentration code	0
Scan direction	FWD - STBD	Height of eye (m)	[redacted]
Visibility (km)	30	Outdoors or Indoors	IN

Notes:
A FLOCK OF GEESE WAS SPOTTED BUT THERE IS NO CODE FOR THE

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA
GLGU	10	FLY	Y	B	20	36	W	A	B	M	
GEESE.	8	FLY	Y	B	20	36	W	A	B	M	

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

AGNICO EAGLE

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOWBANK		Sea state code ★	1
Platform name and type	ACADIA DESGAGNES / CARGO		Wave height (m)	1
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR ★ Beaufort code	9
Date (DD/MMM/YYYY)	13/08/2019		True wind direction	E
Time at start (UTC)	1300		Ice type code★	0
Time at end (UTC)	1330		Ice concentration code ★	0
Latitude at start / end	62° 27.6'N	62° 25.0'N	True platform speed (knots)	13
Longitude at start / end	085° 57.9'W	085° 44.7'W	True platform direction	113
Visibility (km)	2		Observation side	Starboard (circled) Port Middle
Weather code ★	3		Height of eye (m)	22 m
Glare conditions code ★	0		Outdoors or Indoors	Out or In (circled)
Platform Activity	TRAVELLING		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

AGNICO EAGLE

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 13/08/2019 1300 - 1330 : NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOW BANK	Sea state code	1
Platform name and type	ACADIA DESGAGNES - CARGO	Wave height (m)	1
Observer (s)	STEPHEN BADCOCK	True wind speed (knots) OR Beaufort code	9
Date (DD/MMM/YYYY)	13/08/2019	True wind direction (deg)	SE
Time at start (UTC)	1330	Ice type code	0
Time at end (UTC)	1400	Ice concentration code	0
Latitude at start / end	62° 25.0'N / 62° 22.5'N	True platform speed (knots)	13.2
Longitude at start / end	085° 44.5'W / 085° 32.0'W	True platform direction (deg)	113°
Platform activity	TRAVELLING	Observation side	Starboard Port
Visibility (km)	2	Height of eye (m)	22m
Weather code	3	Outdoors or Indoors	Out or In
Glare conditions code	0	Snapshot used?	Yes or No

Notes:
Small birds, more likely "least sandpiper" but no code

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comm
least Sandpiper		Fly	Y	A	20	36	N	A	B	M		
BLGU	1	WAT	Y	A	11	33	–	A	B	M		

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOW BANK	Sea state code	1
Platform name and type	ACADIA DESGAGNES - CARGO	Wave height (m)	< 1m
Observer (s)	STEPHEN BADCOCK	True wind speed (knots) **OR**	6
		Beaufort code	
Date (DD/MMM/YYYY)	14/OCT/2019	True wind direction (deg)	NE
Time at start (UTC)	0030	Ice type code	0
Time at end (UTC)	0100	Ice concentration code	0
Latitude at start / end	62° 20.7'N / 62° 22.9'N	True platform speed (knots)	13.2
Longitude at start / end	080° 00.0'W / 080° 47.5'W	True platform direction (deg)	069°
Platform activity	TRAVELLING	Observation side	Starboard ~ Port
Visibility (km)	30	Height of eye (m)	22m
Weather code	0	Outdoors or Indoors	Out or In
Glare conditions code	0	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comm
BLGU	6	WAT	Y	B	11	33	-	A	B	M		
DOVE	4	FLY	Y	A	20	39	SW	A	B	M		

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

AGNICO EAGLE

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period

Observation Period Information

Company/agency	AGNICO EAGLE - MEADOWBANK		Sea state code ★	1
Platform name and type	ACADIA DESGAGNES / CARGO		Wave height (m)	< 1 m
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR Beaufort code ★	8
Date (DD/MMM/YYYY)	14/08/2019		True wind direction	NE
Time at start (UTC)	0000		Ice type code ★	0
Time at end (UTC)	0030		Ice concentration code ★	0
Latitude at start / end	62° 18.4'N	62° 20.7'N	True platform speed (knots)	13.4
Longitude at start / end	081° 13.2'W	081° 00.0'W	True platform direction	073°
Visibility (km)	30		Observation side	Starboard Port Middle
Weather code ★	0		Height of eye (m)	22 m
Glare conditions code ★	0		Outdoors or Indoors	Out or In
Platform Activity	TRAVELLING		Notes	4 HARP SEALS

★ Refer to "Codes" datasheets

AGNICO EAGLE

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)
14/08/19 0016	071° 13.3kts	0	N	62° 19.2'N 081° 08.4'W	HARP SEAL x4	1Km	60°	33/ S	A/M	N	—

Notes: 14/08/2019 0000 - 0030

★ Refer to "Codes" datasheets

AGNICO EAGLE

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (If any)
14/08/19 1215	047° 12.9K	1/0	N	62° 36.0'N 075° 25.4'W	Killer whale x4	600m	75°	33/5	A	N	

Notes: 14/08/2019 1200 - 1230

★ Refer to "Codes" datasheets

AGNICO EAGLE

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOWBANK		Sea state code ★	0
Platform name and type	ACADIA DESGAGNES / CARGO		Wave height (m)	0
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR ★ Beaufort code	9
Date (DD/MMM/YYYY)	14/08/2019		True wind direction	E
Time at start (UTC)	1200		Ice type code ★	0
Time at end (UTC)	1230		Ice concentration code ★	0
Latitude at start / end	62° 36.6' N	62° 35.8' N	True platform speed (knots)	12.9
Longitude at start / end	075° 29.6' W	075° 15.8' W	True platform direction	097°
Visibility (km)	30		Observation side	Starboard Port Middle
Weather code ★	1		Height of eye (m)	22 m
Glare conditions code ★	3		Outdoors or Indoors	Out or In
Platform Activity	TRAVELLING		Notes	4 Killer whales

★ Refer to "Codes" datasheets

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOW BANK	Sea state code	0
Platform name and type	ACADIA DESGAGNES - CARGO	Wave height (m)	0
Observer (s)	STEPHEN BADCOCK	True wind speed (knots) OR	8
		Beaufort code	
Date (DD/MMM/YYYY)	14/081 2019	True wind direction (deg)	E
Time at start (UTC)	1230	Ice type code	0
Time at end (UTC)	1300	Ice concentration code	0
Latitude at start / end	62° 35.8'N / 62° 35.0'N	True platform speed (knots)	12.7
Longitude at start / end	075° 15.5'W / 075 02.1'W	True platform direction (deg)	097°
Platform activity	TRAVELLING	Observation side	Starboard Port
Visibility (km)	30	Height of eye (m)	22m
Weather code	1	Outdoors or Indoors	Out or In
Glare conditions code	3	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comm
NOFU	10	FLY	Y	A	18	39	E	A	B	M		
DOVE	3	FLY	Y	A	20	39	W	A	B	M		

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOWBANK	Sea state code	3
Platform name and type	ACADIA DESGAGNES - CARGO	Wave height (m)	2
Observer (s)	STEPHEN BADCOCK	True wind speed (knots) OR	18
Date (DD/MMM/YYYY)	14/08/2019	Beaufort code	E
Time at start (UTC)	2130	True wind direction (deg)	0
Time at end (UTC)	2200	Ice type code	0
Latitude at start / end	62° 08.9'N / 62° 06.2'N	Ice concentration code	13
Longitude at start / end	071° 24.4'W / 071° 13.4'W	True platform speed (knots)	119°
Platform activity	TRAVELLING	True platform direction (deg)	Starboard Po
Visibility (km)	30	Observation side	22m
Weather code	4	Height of eye (m)	Out or in
Glare conditions code	0	Outdoors or Indoors	Yes or N
		Snapshot used?	

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA
HERG	2	FLY	Y	B	20	39	W	A	B	M	

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE · MEADOW BANK		Sea state code ★	3
Platform name and type	ACADIA DESGAGNES - CARGO		Wave height (m)	2
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR Beaufort code ★	16
Date (DD/MMM/YYYY)	14/08/2019		True wind direction	E
Time at start (UTC)	2200		Ice type code ★	0
Time at end (UTC)	2230		Ice concentration code ★	0
Latitude at start / end	62° 06.1'N	62° 03.0'N	True platform speed (knots)	12.8
Longitude at start / end	071° 13.2'W	071° 00.4'W	True platform direction	117°
Visibility (km)	30		Observation side	Starboard (circled) Port Middle
Weather code ★	4		Height of eye (m)	22.
Glare conditions code ★	0		Outdoors or Indoors	Out or In (circled)
Platform Activity	~~ANCHOR~~ TRAVELLING		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

AGNICO EAGLE

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 14/08/2019 2200 - 2230 : NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOW BANK	Sea state code	3
Platform name and type	ACADIA DESGAGNES - CARGO	Wave height (m)	2
Observer (s)	STEPHEN BADCOCK	True wind speed (knots) OR	21
Date (DD/MMM/YYYY)	15/08/2019	Beaufort code	E
Time at start (UTC)	0000	True wind direction (deg)	0
Time at end (UTC)	0030	Ice type code	0
Latitude at start / end	61° 54.9'N / 61° 52.0'N	Ice concentration code	11.7
Longitude at start / end	070° 27.1'W / 070° 16.0'W	True platform speed (knots)	119°
Platform activity	TRAVELLING	True platform direction (deg)	Starboard Pc
Visibility (km)	15	Observation side	22m
Weather code	2	Height of eye (m)	Out or Ind
Glare conditions code	0	Outdoors or Indoors	Yes or N
		Snapshot used?	

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA
DOVE	3	FLY	Y	B	20	39	W	A	B	M	
GLGU	2	FLY	Y	A	20	39	NW	A	B	M	

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOWBANK		Sea state code ★	3
Platform name and type	ACADIA DESGAGNES / CARGO		Wave height (m)	2
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR ★ Beaufort code	23
Date (DD/MMM/YYYY)	15/08/2019		True wind direction	E
Time at start (UTC)	0030		Ice type code ★	0
Time at end (UTC)	0100		Ice concentration code ★	0
Latitude at start / end	61° 51.9'N	61° 49.3'N	True platform speed (knots)	11.8
Longitude at start / end	070° 15.6'W	070° 05.0'W	True platform direction	117°
Visibility (km)	20		Observation side	Starboard (circled) Port Middle
Weather code ★	2		Height of eye (m)	22 m
Glare conditions code ★	0		Outdoors or Indoors	Out or In (circled)
Platform Activity	TRAVELLING		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

AGNICO EAGLE

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

Notes: 15/08/2019 0030-0100 : NO OBSERVATIONS

★ Refer to "Codes" datasheets

AGNICO EAGLE

MARINE MAMMAL PROGRAM

Fill out one sheet per observation period

Observation Period Information

Company/agency	AGNICO EAGLE - MEADOWBANK		Sea state code ★	0
Platform name and type	ACADIA DESGAGNES / CARGO		Wave height (m)	1m
Observer (s)	STEPHEN BADCOCK		True wind speed (knots) OR Beaufort code ★	4
Date (DD/MMM/YYYY)	15/08/2019		True wind direction	SE
Time at start (UTC)	1200		Ice type code ★	0
Time at end (UTC)	1230		Ice concentration code ★	0
Latitude at start / end	60° 45.8'N	60° 42.7 N	True platform speed (knots)	12.4
Longitude at start / end	065° 51.0'W	065° 39.2 W	True platform direction	117°
Visibility (km)	15		Observation side	Starboard Port Middle
Weather code ★	2		Height of eye (m)	22m
Glare conditions code ★	3		Outdoors or Indoors	Out or In
Platform Activity	TRAVELLING		Notes	NO OBSERVATIONS

★ Refer to "Codes" datasheets

AGNICO EAGLE

MARINE MAMMAL PROGRAM

» Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (If any)

Notes: 15/08/2019 1200 - 1230 : NO OBSERVATIONS

★ Refer to "Codes" datasheets

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	AGNICO EAGLE - MEADOW BANK	Sea state code	0
Platform name and type	ACADIA DESGAGNES - CARGO	Wave height (m)	1
Observer (s)	STEPHEN BADCOCK	True wind speed (knots) OR	6
		Beaufort code	5F
Date (DD/MMM/YYYY)	15/08/2019	True wind direction (deg)	0
Time at start (UTC)	1230	Ice type code	0
Time at end (UTC)	1300	Ice concentration code	12.5
Latitude at start / end	60° 42.7'N / 60° 39.7'N	True platform speed (knots)	119°
Longitude at start / end	065° 39.0'W / 065° 27.7'W	True platform direction (deg)	
Platform activity	TRAVELLING	Observation side	Starboard Port
Visibility (km)	20	Height of eye (m)	22m
Weather code	0	Outdoors or Indoors	Out or In
Glare conditions code	3	Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comm
GLGU	2	FLY	Y	A	20	39	W	A	B	M		
GLGU	2	FLY	Y	A	20	39	W	I	NB	M		

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Desmond Ina Ksajak Start: 0400 Lat 63°, 21.90 long 090°, 38.70

Herring Gull Time 06:23 Lat 63°, 37.72 Long 091°, 24.63 count: 1
Activity: Scavenging Distance: 100m
Polar bear Time 06:45 lat 63°, 38.51 long 091°, 32.81 count: 1
Activity: Scavenging Distance: 100m
Land animal Time 07:02 lat 63°, 40.90 long 091°, 37.87 count: 2
Activity: Travelling Distance: 200m
Herring Gull Time 07:11 Lat 63°, 42.35 long 091°, 40.92 Count: 1
Activity: Scavenging Distance: 150m
Herring Gull Time 07:26 lat 63°, 43.56 long 091°, 46.00 count: 1 Activity: Resting
Distance: 150m
Herring Gull Time 07:28 lat 63°, 43.56 long 091°, 47.00 count: 1 Activity: Flyin
Distance 200m
Arctic Tern Time 07:37 lat 63°, 43.43 long 091°, 51.51 count: 1 Activity: Fly
Distance: 50m
Herring Gull Time 08:00 lat 63°, 43.06 long 092°, 02.14 Count: 1 Activity: flying
Distance 150m

Desmond Finish at 08:00

Simon Peter start 08:00 08/23/2019
NOFO Time 08 20 Lat 63° 43.8 long 092° 10.6
Flying. weather #2. Glare #1. Distance B.
2 COLO Time 08 35 Lat 63° 45.1 long 092°.14.1
Flying Distance C. Glare #1

Simon Peter

White rumped sandpiper count 1 Time 0940. Lat 63° 49.8
Long 092° 43.8 on Brigde

RTLO count 2 Flying. Time 1000 (Distance C)
Lat 63° 52.8 Long 092° 50.7

HERG count 1 Flying - Time 1045 Lat: 63° 56.4 long 093° 07.8
Distance E). Scavenging

HERG count 6 on land. Time 1055 Lat 63° 57.0
Long 093° 11.5 (Distance E)

Thayer gull count 1 Time 1110 Lat 63° 58.3
long 093° 22.5 (Distance A) Flying

LTJA count 27 Flying Time 1135 Lat 63° 57.6 long 093° 32.5
Distance E)

Simon Peter Finished 1140

Record sheet for a moving platform survey

Observation Period Information:

Company/agency		Sea state code	
Platform name and type		Wave height (m)	
Observer (s)		True wind speed (knots) **OR** Beaufort code	
Date (DD/MMM/YYYY)	22/07/2019	True wind direction (deg)	
Time at start (UTC)	09:00	Ice type code	
Time at end (UTC)		Ice concentration code	
Latitude at start / end	63° 49,21N	True platform speed (knots)	
Longitude at start / end	092° 42,14 w	True platform direction (deg)	
Platform activity		Observation side	Starboard Port
Visibility (km)		Height of eye (m)	
Weather code		Outdoors or Indoors	Out or In
Glare conditions code		Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments
Herring Gull	60+	Island		50m		60					LSA	63°44,67N 092°
Common loon	11	water then fly		50 m		71					RSA	63°45,74N 092°
Common loon	4	fly		50 m		49						63°46,13N 092°
Sand hill crane	2	fly		50 m		49						63°47,45N 093°
Common loon	15	fly		200 m		49						63°48,83N 093°
Herring Gull	1	fly		200 m		49						63°49,17N 093°
Common loon	2	water then fly		100 m		60 then 71						63°51,47N 093°
common loon	3	fly		100 m		71						63°52,57N 093°
falcon	1	crane		50 m		40						63°53,63N 093°
thick billed murre	1	fly		50 m		40						63°54,72N 093°
thick billed murre		water		100m		32					RSA	63°56,56N 093°07,63w 10:10
Common loon	8	water		100m		66					LSa	63°57,66N 093°16,47w 10:20
thick billed murre	2	fly		100m		40					LSa	63°57,66N 093°16,47w 10:29
Common loon	15	water		200 m		40					RSA	63°57,76N 093°19,03w 10:35
Herring Gull	1	fly		300m		40					RSA	63°57,76N 093°19,03w 10:35
Common eider	5	fly		50 m		40					RSA	63°58,35N 093°22,18w 10:40

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency		Weather code	
Platform name and type		Glare conditions code	
Observer (s)		Sea state code	
Date (DD/MMM/YYYY)		Wave height (m)	
Time at start (UTC)		True wind speed (knots) **OR**	
		Beaufort code	
Latitude		True wind direction (deg)	
Longitude		Ice type code	
Platform activity	180° or other (specify:)	Ice concentration code	
Scan type		Height of eye (m)	Out or In
Scan direction		Outdoors or Indoors	
Visibility (km)			

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	LSA or RSA	Comments	
Atlantic Brant	25	Fly		25m		71						63°38N 93°28W	10:4
Herring Gull	1	water		100m		40						63°58N 93°28W	10:5
Pacific Common Loon	1	Water		200m		40						63°58N 93°47W	10:5
Peregrine Falcon	1			5m		60						63°58N 93°29W	10:5
Common Eider	26	Water		200m		40						63°31N 93°31W	11:1
Long Tailed Jaeger	1	Fly		25m		36						63°57N 93°32W	11:
Herring Gull	2	Water		100m		40						63°57N 93°33W	11:0
Common Loon	2	Water		300m		40						63°57N 93°33W	11:1
White Rumped Sandpiper	1	Fly		25m		36						63°56W 93°34W	11:1
Herring Gull	32			300m		60						63°56W 93°35W	11:2
Common Loon	3	Water		300m		40						63°56N 93°35W	11:2
Herring Gull	3	Fly		300m		36						63°56N 93°35W	11:2
Herring Gull	1	Water		400m		40						63°56N 93°35W	11:3
Common Loon	1	Water		400m		40						63°56N 93°35W	11:3
Herring Gull	2	Water		400m		40						63°56N 93°36W	11:34
Peregrine Falcon	1	Fly		300m		40						63°56N 93°36W	11:3

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction	Age/Sex	Mitigation Required?	Photo Number (if any)
09:00	upstream and 13.3KN	Calm	N	63°49,21'N 092°42,14'W	1 common loon	50m		~~downstream~~ searching downstream			
09:03	upstream and	Calm	Y		1 common loon	100m		Swimming towards land			
09:05	upstream	Calm	N		3 common loon						
09:07	upstream and 13.2KN	Calm	N		1 long tailed Jaeger						
09:09	upstream	Calm	N								
09:15	upstream	Calm	N	63°52,5'N 092°47,4'W							

Notes:

AGNICO EAGLE

MMSO training attendance sheet

Topic: MMSO procedures
Date:
Compagny: Desgagnés
Boat : Rosaire A. Desgagnes.

Name (Print)	Signature
Emmanuel MAUGER	[signature]
Étienne Blanchette	[signature]
Charles Bibeault	Charles Bibeault
Simon Lachance	[signature]
Emmanuel MAUGER	[signature]
Étienne Blanchette	[signature]

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	Groupe Desgagnes		Sea state code	3-4
Platform name and type	Rosaire A. Desgagnes / Ship		Wave height (m)	1m
Observer (s)	Etienne Blanchette		True wind speed (knots) **OR** Beaufort code	5-6
Date (DD/MMM/YYYY)	05/10/2019		True wind direction (deg)	280°
Time at start (UTC)	1900		Ice type code	-
Time at end (UTC)	2100		Ice concentration code	-
Latitude at start / end	60° 03.1' N	60° 22.0' W	True platform speed (knots)	13
Longitude at start / end	063° 38.5' N	064° 05.4' W	True platform direction (deg)	337°
Platform activity	Sailing		Observation side	Starboard X Port X
Visibility (km)	20		Height of eye (m)	26.5
Weather code	1		Outdoors or Indoors	Out or (In)
Glare conditions code	1		Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
GLGU	6	Water	Yes	B	Yes	-	-	-	-	-	
NOFU	10	Fly	Yes	A	Yes	-	~~230~~ W	-	-	-	

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	Groupe Desgagnes		Sea state code	2
Platform name and type	Roseaire A Desgagnes / Ship		Wave height (m)	<1m
Observer (s)	Etienne Blanchette		True wind speed (knots) **OR** Beaufort code	3
Date (DD/MMM/YYYY)	06/10/2019		True wind direction (deg)	200°
Time at start (UTC)	1600		Ice type code	-
Time at end (UTC)	1800		Ice concentration code	-
Latitude at start / end	62° 10.1' N	62° 22.2' N	True platform speed (knots)	14
Longitude at start / end	071° 39.0' W	072° 30.0' W	True platform direction (deg)	295
Platform activity	Sailing		Observation side	Starboard ~~Port~~
Visibility (km)	>25		Height of eye (m)	26.5 m
Weather code	1		Outdoors or Indoors	Out or In
Glare conditions code	1		Snapshot used?	Yes or No

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
NOFU	7	Fly	Yes	C	Yes	-	NE	-	-	-	
Least Sandpiper	2	Fly	Yes	A	Yes	-	VAR	-	-	-	
GLGU	3	Water	Yes	B	Yes	-	-	-	-	-	

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	Groupe Desgagnes	Sea state code	3
Platform name and type	Rosewire A Desgagnes / Ship	Wave height (m)	1m
Observer (s)	Etienne Blanchette	True wind speed (knots) **OR** Beaufort code	5
Date (DD/MMM/YYYY)	07/10/2019	True wind direction (deg)	000°
Time at start (UTC)	16:00	Ice type code	-
Time at end (UTC)	18:00	Ice concentration code	-
Latitude at start / end	62° 02.7' N / 62° 04.9' N	True platform speed (knots)	14
Longitude at start / end	083° 16.7' W / 084° 16.5' W	True platform direction (deg)	279°
Platform activity	Sailing	Observation side	Starboard (S) Port
Visibility (km)	20	Height of eye (m)	26.5m
Weather code	1	Outdoors or Indoors	Out or (In)
Glare conditions code	1	Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
GLGU	6	W	Yes	D	Yes	-	-	-	-	-	

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	Groupe Desgagnés	Sea state code	3
Platform name and type	Pasuire A. Desgagnés	Wave height (m)	1m
Observer (s)	Simon Lachance	True wind speed (knots) **OR** Beaufort code	4
Date (DD/MMM/YYYY)	17/10/2019	True wind direction (deg)	015
Time at start (UTC)	1600	Ice type code	-
Time at end (UTC)	1800	Ice concentration code	-
Latitude at start / end	62°03,4'N / 62°06,2'N	True platform speed (knots)	13
Longitude at start / end	083°44,0'W / 082°39,7'W	True platform direction (deg)	076
Platform activity	Sailing	Observation side	Starboard (circled) Port
Visibility (km)	20	Height of eye (m)	26,5m
Weather code	1	Outdoors or Indoors	Out (circled) or In
Glare conditions code	1	Snapshot used?	Yes or No (circled)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
GLGU	12	Fly	yes	B	yes	-	ND	-	-	-	
Thayers Gull	3	Fly	NO	B	NO	-	ND	-	-	-	

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a moving platform survey

Observation Period Information:

Company/agency	Groupe Desgagnés		Sea state code	3
Platform name and type	Resource II Desgagnés		Wave height (m)	1
Observer (s)	Simon Aubance		True wind speed (knots) **OR** Beaufort code	4
Date (DD/MMM/YYYY)	18/10/2019		True wind direction (deg)	335
Time at start (UTC)	1400		Ice type code	–
Time at end (UTC)	1600		Ice concentration code	–
Latitude at start / end	62°13,3'N	62°00,8'N	True platform speed (knots)	15
Longitude at start / end	072°07,6'W	071°11,3'W	True platform direction (deg)	116
Platform activity	Sailing		Observation side	Starboard ~~Port~~
Visibility (km)	20		Height of eye (m)	26,5m
Weather code	1		Outdoors or Indoors	Out or (In)
Glare conditions code	1		Snapshot used?	Yes or (No)

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
Least Sandpiper	2	F	NO	A	NO	–	ND	–	–	–	
BLGU	7	W	Yes	B	Yes	–	–	–	–	–	

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3]*J*(uvenile), *I*(mmature), or *A*(dult); [4]*B*(reeding), *NB*(non-breeding), *M*(oult)

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:

Company/agency	Groupe Desgagnes		Sea state code ★	3-4
Platform name and type	Rosaire A Desgagnes / Ship		Wave height (m)	1m
Observer (s)	Étienne Blanchette		True wind speed (knots) OR ★ Beaufort code	5-6
Date (DD/MMM/YYYY)	05 / 10 / 2019		True wind direction	280°
Time at start (UTC)	1900		Ice type code★	-
Time at end (UTC)	2100		Ice concentration code ★	-
Latitude at start / end	60° 03.1' N	60° 22.0' N	True platform speed (knots)	13
Longitude at start / end	063° 38.5' N	064° 05.4' W	True platform direction	337
Visibility (km)	20		Observation side	Starboard Port Middle
Weather code ★	1		Height of eye (m)	26.5
Glare conditions code ★	1		Outdoors or Indoors	Out or In
Platform Activity	Sailing		Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)
				No Observations							

Notes:

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency	Groupe Desgagnes		Sea state code ★	2
Platform name and type	Rosaire A Desgagnes / Ship		Wave height (m)	<1m
Observer (s)	Étienne Blanchette		True wind speed (knots) OR ★ Beaufort code	3
Date (DD/MMM/YYYY)	06 / 10 / 2019		True wind direction	200°
Time at start (UTC)	1600		Ice type code ★	-
Time at end (UTC)	1800		Ice concentration code ★	-
Latitude at start / end	62° 10.1' N	62° 22.2' N	True platform speed (knots)	14
Longitude at start / end	071° 39.0' W	072° 30.0' W	True platform direction	295°
Visibility (km)	>25		Observation side	Starboard Port Middle
Weather code ★	1		Height of eye (m)	26.5
Glare conditions code ★	1		Outdoors or Indoors	Out or In
Platform Activity	Sailing		Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)
06/10/2014 1740	200° 14 Kts	1/2	Y	62° 19.8'N 072° 18.4'W	Bowhead 3-4	~7 Km	020°	270°	-	-	-

Notes:

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency	Groupe Desgagnes		Sea state code ★	3
Platform name and type	Rosaire A Desgagnes		Wave height (m)	1m
Observer (s)	Etienne Blanchette		True wind speed (knots) OR ★ Beaufort code	5
Date (DD/MMM/YYYY)	07 /10 /2019		True wind direction	000°
Time at start (UTC)	1600		Ice type code★	-
Time at end (UTC)	1800		Ice concentration code ★	-
Latitude at start / end	62° 02.7'N	62° 04.9'N	True platform speed (knots)	14
Longitude at start / end	083° 16.7'W	084° 16.5'W	True platform direction	279°
Visibility (km)	20		Observation side	Starboard (Port) Middle
Weather code ★	1		Height of eye (m)	26.5
Glare conditions code ★	1		Outdoors or Indoors	Out or (In)
Platform Activity	Sailing		Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (If any)

No Observations

Notes:

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency	Groupe Desgagnés		Sea state code ★	3
Platform name and type	Rosaire St Desgagnés, Ship		Wave height (m)	1
Observer (s)	Simon Jacharme		True wind speed (knots) OR ★ Beaufort code	4
Date (DD/MMM/YYYY)	17/10/2019		True wind direction	015
Time at start (UTC)	1600		Ice type code★	–
Time at end (UTC)	1800		Ice concentration code ★	–
Latitude at start / end	62°03,4'N	62°06,2'N	True platform speed (knots)	13
Longitude at start / end	083°44,0'W	082°39,7'W	True platform direction	076°
Visibility (km)	20		Observation side	Starboard ~~Port~~ Middle
Weather code ★	1		Height of eye (m)	26,5 m
Glare conditions code ★	1		Outdoors or Indoors	(Out) or In
Platform Activity	Sailing		Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)

No observation.

Notes:

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period

Observation Period Information:				
Company/agency	Groupe Desgagnés		Sea state code ★	3
Platform name and type	Rosaire A Desgagnés		Wave height (m)	1
Observer (s)	Simon Jacharee		True wind speed (knots) OR ★ Beaufort code	4
Date (DD/MMM/YYYY)	18/10/2019		True wind direction	335
Time at start (UTC)	1400		Ice type code★	-
Time at end (UTC)	1600		Ice concentration code ★	-
Latitude at start / end	62°13,3'N	62°00,8'N	True platform speed (knots)	15
Longitude at start / end	072°07,6'W	071°11,3'W	True platform direction	116°
Visibility (km)	20		Observation side	Starboard Port Middle
Weather code ★	1		Height of eye (m)	26,5 m
Glare conditions code ★	1		Outdoors or Indoors	Out or In
Platform Activity	Sailing		Notes	

★ Refer to "Codes" datasheets

MARINE MAMMAL PROGRAM

AGNICO EAGLE

Fill out one sheet per observation period, if no observation, write "No observation"

Date and Time of Sighting	Vessel Travel Direction and Speed	Weather / Sea State ★	Re-Sighting? (Y or N)	Sighting Waypoint or Lat/Long(Garmin GPS)	Species, Number of Individuals ★	Distance to Animal (m or km)	Angle to Sighting	Behaviour/Travel Direction ★	Age/Sex	Mitigation Required?	Photo Number (if any)
2019-10-18 1535 UTC	080° 15kts	<1m	Y	62°02.8 N 071° 22.5'W	Killer whale 3	200m	90° Port	IN group E	–	–	–

Notes:

★ Refer to "Codes" datasheets

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Groupe Desgagnés	Weather code	1
Platform name and type	Rosaire A Desgagnés	Glare conditions code	1
Observer (s)	Simon Jacbanne	Sea state code	~~1,5m~~ 4
Date (DD/MMM/YYYY)	08/10/2019	Wave height (m)	1,5m
Time at start (UTC)	1200 / 1400	True wind speed (knots) **OR** Beaufort code	7
Latitude	62°46,6'N	True wind direction (deg)	135
Longitude	092°05,7'W	Ice type code	–
Platform activity	Ship Anchor	Ice concentration code	–
Scan type	180° or other (specify: 360)	Height of eye (m)	26,5 m
Scan direction	ALL	Outdoors or Indoors	Out or In
Visibility (km)	1		

Notes:

Very high wind.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

No Observations

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Groupe Desgagnés	Weather code	9
Platform name and type	Rosaire A Desgagnés	Glare conditions code	1
Observer (s)	Suman Jachance	Sea state code	~~1m~~ 3
Date (DD/MMM/YYYY)	09/10/2019	Wave height (m)	1m
Time at start (UTC)	1200 / 1400	True wind speed (knots) **OR** Beaufort code	7
Latitude	62° 46.6'N	True wind direction (deg)	225°
Longitude	092° 05.7'W	Ice type code	–
Platform activity	Ship Anchor	Ice concentration code	–
Scan type	180° or other (specify: 360)	Height of eye (m)	26.5'
Scan direction	ALL	Outdoors or Indoors	Out or In
Visibility (km)	20		

Notes:

Strong wind.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

No Observations

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Groupe Desgagnés	Weather code	1
Platform name and type	Rosaire A Desgagnés	Glare conditions code	1
Observer (s)	Simon Gauthier	Sea state code	3
Date (DD/MMM/YYYY)	10/10/2019	Wave height (m)	1m
Time at start (UTC)	1200 / 1400	True wind speed (knots) **OR** Beaufort code	8-9
Latitude	62°46.6'N	True wind direction (deg)	300°
Longitude	092°05.7'W	Ice type code	–
Platform activity	Ship Anchor	Ice concentration code	–
Scan type	180° or other (specify: 340)	Height of eye (m)	26,5 m
Scan direction	All	Outdoors or Indoors	Out or (In)
Visibility (km)	15		

Notes:

Strong wind.

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments

No observations

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Groupe Desgagnés	Weather code	1
Platform name and type	Passive A Desgagnés	Glare conditions code	1
Observer (s)	Simon Lachance	Sea state code	1
Date (DD/MMM/YYYY)	11 / 10 / 2019	Wave height (m)	<0.5
Time at start (UTC)	1200 / 1400	True wind speed (knots) **OR** Beaufort code	4-5
Latitude	62°46.6'N	True wind direction (deg)	300°
Longitude	022°05.7'W	Ice type code	-
Platform activity	Ship Anchor	Ice concentration code	-
Scan type	180° or other (specify: 360)	Height of eye (m)	26.5 m
Scan direction	All	Outdoors or Indoors	Out or (In)
Visibility (km)	15		

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
Peregrine falcon	2	Fly	360°	A	NO	-	ND	-	-	-	Male + Female.
GLGU	20+	both	360°	A, B, C	Yes	-	ND	-	-	-	
Least Sandpiper	4	Fly	360°	A	NO	-	ND	-	-	-	

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Groupe Desgagnés	Weather code	0
Platform name and type	Resource A Desgagnés	Glare conditions code	1
Observer (s)	Simon Lachance	Sea state code	1
Date (DD/MMM/YYYY)	12/10/2019	Wave height (m)	<0,5
Time at start (UTC)	1200 / 1400	True wind speed (knots) **OR** Beaufort code	3
Latitude	62° 46,6'N	True wind direction (deg)	315°
Longitude	092° 05,7'W	Ice type code	–
Platform activity	Ship Anchor	Ice concentration code	–
Scan type	180° or other (specify: 360°)	Height of eye (m)	26,5 m
Scan direction	All	Outdoors or Indoors	Out or (In)
Visibility (km)	15		

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
GLGU	20+	~~Fly~~ both	360°	ABC	Yes	–	NO	A	–	–	

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Groupe Desgagnés	Weather code	1
Platform name and type	Desgagnés Aéroquay	Glare conditions code	1
Observer (s)	Simon Gauthier	Sea state code	3
Date (DD/MMM/YYYY)	13/10/2019	Wave height (m)	1m
Time at start (UTC)	1200/1400	True wind speed (knots) **OR** Beaufort code	5
Latitude	63°57,1'N	True wind direction (deg)	192°
Longitude	093°35,0'W	Ice type code	–
Platform activity	Ship Anchor	Ice concentration code	–
Scan type	180° or other (specify: 360)	Height of eye (m)	26,5'
Scan direction	All	Outdoors or Indoors	Out or (In)
Visibility (km)	15		

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
SLGU	20+	both	360°	A, B, C	yes	–	ND	A	–	–	
Peregrine Falcon	3	Fly	360°	A, B	yes	–	ND	A	–	–	

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Groupe Desjardins	Weather code	1
Platform name and type	Roxaire A, Desjardins	Glare conditions code	1
Observer (s)	Simon Lachance	Sea state code	1
Date (DD/MMM/YYYY)	17/10/2012	Wave height (m)	<0,5m
Time at start (UTC)	1200 / 1400	True wind speed (knots) **OR** Beaufort code	3
Latitude	62°46,6'N	True wind direction (deg)	015°
Longitude	092°05,7'W	Ice type code	–
Platform activity	Ship Anchor	Ice concentration code	–
Scan type	180° or other (specify: 360°)	Height of eye (m)	26,5m
Scan direction	All	Outdoors or Indoors	Out or (In)
Visibility (km)	15		

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
GLGU	20+	both	360°	A, B, C	Yes	–	ND	M	–	–	
Least Sandpiper	6	Fly	360°	A	Yes	–	ND	–	–	–	

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Groupe Desgagnés	Weather code	1
Platform name and type	Rosaire A Desgagnés	Glare conditions code	1
Observer (s)	Simon Lachance	Sea state code	1
Date (DD/MMM/YYYY)	15 / 10 / 2019	Wave height (m)	<0,5m
Time at start (UTC)	1200 / 1400	True wind speed (knots) **OR** Beaufort code	4-5
Latitude	62° 46,6'N	True wind direction (deg)	012°
Longitude	092° 05,7'W	Ice type code	–
Platform activity	Ship Anchor	Ice concentration code	–
Scan type	180° or other (specify: 360°)	Height of eye (m)	26,5m
Scan direction	All	Outdoors or Indoors	Out or In
Visibility (km)	15		

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
GLGU	20+	both	360°	A,B,C	Yes	–	ND	M	–	–	
Thayers Gull	5	Fly	360°	A	ND	–	ND	–	–	–	

[1] *A* = 0-50m, *B* = 51-100m, *C* = 101-200m, *D* = 201-300m, *E* = > 300m, *3* = within 300m but no distance recorded.
[2] Indicate flight direction (*N*, *NE*, *E*, *SE*, *S*, *SW*, *W*, or *NW*); *ND* = no apparent direction
[3] *J*(uvenile), *I*(mmature), or *A*(dult); [4] *B*(reeding), *NB*(non-breeding), *M*(oult)

Record sheet for a stationary platform survey

Scan Information:

Company/agency	Groupe Desgagnés	Weather code	0
Platform name and type	Rosaire A Desgagnés	Glare conditions code	1
Observer (s)	Simon Gachonne	Sea state code	2
Date (DD/MMM/YYYY)	16/10/2019	Wave height (m)	<1m
Time at start (UTC)	1200 / 1400	True wind speed (knots) **OR** Beaufort code	2
Latitude	62°46.6'N	True wind direction (deg)	012°
Longitude	092°05.7'W	Ice type code	–
Platform activity	Ship Anchor	Ice concentration code	–
Scan type	180° or other (specify: 360)	Height of eye (m)	26.5 m
Scan direction	All	Outdoors or Indoors	Out or In
Visibility (km)	15 Km		

Notes:

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In semi-circle?	* Distance[1]	Assoc.	Behav.	Flight Direc.[2]	Age[3]	Plum.[4]	Sex	Comments
GLGU	20+	both	360°	A, B, C	yes	–	ND	–	–	–	
Least sand.	3	Fly	360°	A	yes	–	ND	–	–	–	

[1] ***A*** = 0-50m, ***B*** = 51-100m, ***C*** = 101-200m, ***D*** = 201-300m, ***E*** = > 300m, ***3*** = within 300m but no distance recorded.
[2]Indicate flight direction (***N***, ***NE***, ***E***, ***SE***, ***S***, ***SW***, ***W***, or ***NW***); ***ND*** = no apparent direction
[3]***J***(uvenile), ***I***(mmature), or ***A***(dult); [4]***B***(reeding), ***NB***(non-breeding), ***M***(oult)

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