

## **Appendix 39**

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### **Meadowbank and Whale Tail Marine Mammal and Seabird 2022 Annual Report**

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# Meadowbank and Meliadine Mines

## Marine Mammal and Seabird Annual Report, 2022

March 2023

Project No.: 0659043



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March 2023

# Meadowbank and Meliadine Mines

## Marine Mammal and Seabird Annual Report, 2022

### **ERM Consultants Canada Ltd.**

120 Adelaide Street West, Suite 2010  
Toronto, ON  
Canada M5H 1T1

T: +1 416 646 3608

F: +1 416 642 1269

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## EXECUTIVE SUMMARY

Agnico Eagle Mines Limited (Agnico Eagle) operates two mines in eastern Nunavut; the Meadowbank Complex (Meadowbank and Whale Tail Mines) approximately 85 km north of Baker Lake, and the Meliadine Mine, approximately 25 km north of Rankin Inlet. Agnico Eagle supplies these projects through annual sea-lifts during the open water season. The shipping company Groupe Desgagnés ships dry cargo, and the Woodward Group of Companies (Woodward) supplied fuel to Meadowbank and Meliadine.

Agnico Eagle holds three Project Certificates (PCs) from the Nunavut Impact Review Board (NIRB) for Meadowbank Mine (No. 004 and 008) and the Meliadine Mine (No. 006). These PCs include conditions related to protection of marine mammals and seabirds, including avoiding sensitive breeding and habitat areas for marine mammals and seabirds and conducting a Marine Mammal and Seabird Observer (MMSO) program by vessel crew (see Table 1 for Compliance to Project Conditions).

The objective of this report is to present a summary of the MMSO data collected by Groupe Desgagnés and Woodward during the 2022 MMSO program to support Agnico Eagle's 2022 annual report to the NIRB. Results from the previous years for Meliadine (2017 to 2021) and Meadowbank (2018 to 2021) are also provided as a comparison between years.

In 2020 through 2022, ERM provided updated training materials for vessel crew that were delivered by Agnico Eagle to shipping companies supplying Meadowbank and Meliadine. These training materials were provided to Groupe Desgagnés and Woodward and included updated instructions for vessel crew on:

- 1) setbacks from sensitive marine wildlife habitats such as marine mammal haul-outs and seabird colonies,
- 2) mitigation procedures should marine mammals or seabirds be observed in or near the vessel path, and
- 3) training materials for dedicated MMSO crew observers including detailed methods for marine mammal and seabird surveys, data sheets, and training videos.

The 2022 MMSO program resulted in greater survey effort compared to 2021. Since the improvement in training in 2020, all years (2020 through 2022) have resulted in greater survey effort compared to previous years. A total of 27 Groupe Desgagnés and Woodward vessels serviced the Projects between July and November during the 2022 shipping season: 13 for Meadowbank, seven for Meliadine, and seven serviced both Meadowbank and Meliadine. Datasheets were obtained from 21 of the 27 vessels in 2022, which is similar to the last two years (23 of the 29 vessels in 2021, and 19 of the 25 vessels in 2020), all of which are greater than previous years (six vessels providing datasheets in 2019, and only two participating vessels in 2018).

### *Setbacks from Sensitive Habitats*

In compliance with Whale Tail Mine Certificate No. 008, Term and Condition 39, project vessels must follow a setback distance of 500 m from colonies and aggregations of seabirds and marine mammals while transiting through the Hudson Strait, Hudson Bay, and Chesterfield Inlet. In addition, vessels must follow a setback distance of 2 km from Marble Island, as per Meliadine's Shipping Management Plan (Agnico Eagle 2022b). Vessel tracks were mapped along with identified sensitive areas for wildlife; where detailed data was available, vessels were shown to avoid these areas where safe to do so. Groupe Desgagnés and/or Woodward had several occasions where tracks appeared to intersect with 500 m setback polygons, or the 2 km setback polygon around Marble Island. However, in all but one case (one point within the Marble Island polygon), no ship track point was located within a setback polygon. Track data is based on satellite AIS (Automatic Identification System); therefore, ship track intersections likely occurred due to lack of ship track resolution and the intersection of existing points to create a continuous shipping track. Agnico Eagle will continue to explore in 2023 the feasibility to obtain accurate track data..

**Table 1: Project Certificates, Conditions, Compliance, and Document Section**

Project Certificate and Condition #	Compliance	Section
<p><b>Meadowbank PC 004, Condition 36</b> Cumberland shall ensure the placement of local area marine mammal monitors onboard all vessels transporting fuel or materials for the Project through Chesterfield Inlet.</p>	<p><b>In Compliance</b> Local area marine mammal monitors have conducted surveys aboard vessels transiting between Chesterfield Inlet and Baker Lake between 2008 and 2019 and in 2022. During 2020 and 2021, due to COVID-19, local monitors could not board vessels and vessel crew conducted the monitoring.</p>	<p>1.6 Overview 3.4 Results</p>
<p><b>Meadowbank PC 004, Condition 41</b> Subject to vessel and human safety considerations, Cumberland shall require shippers carrying cargo to the Project through Chesterfield Inlet to follow the following mitigation procedures in the event that marine mammals are in the vicinity of the shipping activities:</p> <ul style="list-style-type: none"> <li>a. Wildlife will be given right of way;</li> <li>b. Ships will maintain a straight course, constant speed, and will avoid erratic behaviour; and</li> <li>c. When marine mammals appear to be trapped or disturbed by vessel movements, the vessel will stop until the mammals have moved away from the area.</li> </ul>	<p><b>In Compliance</b> In 2020, Agnico Eagle updated the maps and training materials showing the setbacks and mitigation measures when marine mammals and seabirds are observed. These materials were presented to Groupe Desgagnés and Woodward for distribution to all captains and bridge crew of vessels supplying Agnico Eagle Nunavut mines from 2020 through 2022. Vessel tracks, where sufficient data are available, show vessels avoiding sensitive areas for marine wildlife.</p>	<p>1.3 Training 1.4 Mitigation 3.1 Results</p>
<p><b>Whale Tail PC 008, Condition 38</b> The Proponent shall ensure that marine shipping activities avoid sensitive wildlife habitat and species along the shipping route and use a routing south of Coats Island as the primary shipping route, subject to vessel and human safety considerations.</p>	<p><b>In Compliance</b> In 2022, Agnico Eagle emphasized the importance of routing south of Coats Island. As a result, captains were required to travel north of Coats Island on three occasions due to safety issues associated with inclement weather south of Coats Island.</p>	<p>3.1 Results</p>
<p><b>Whale Tail PC 008, Condition 39</b> The Proponent shall ensure that, subject to vessel safety requirements, a setback distance of at least 500 metres is maintained from colonies and aggregations of seabirds and marine mammals during Project shipping transiting through Hudson Strait, Hudson Bay, and Chesterfield Inlet.</p>	<p><b>In Compliance</b> In 2020, Agnico Eagle updated the maps and training materials showing the setbacks and mitigation measures when marine mammals and seabirds are observed. These materials were presented to Groupe Desgagnés and Woodward for distribution to all captains and bridge crew of vessels supplying Agnico Eagle Nunavut mines from 2020 through 2022. Vessel tracks, where sufficient data are available, show vessels avoiding sensitive areas for marine wildlife.</p>	<p>1.3 Training 1.4 Mitigation 3.1 Results</p>



Project Certificate and Condition #	Compliance	Section
<p><b>Whale Tail PC 008, Condition 40</b></p> <p>The Proponent shall develop and implement a ship-based marine mammal monitoring program, as part of a Marine Mammal Management and Monitoring Plan, in consultation with Fisheries and Oceans Canada, communities, and other interested parties. The Proponent shall report any accidental contact by project vessels with marine mammals or seabird colonies to applicable responsible authorities including Fisheries and Oceans Canada and Environment and Climate Change Canada.</p>	<p><b>In Compliance</b></p> <p>In 2020, Agnico Eagle updated the training materials for MMSO monitoring. These materials were presented to Groupe Desgagnés and Woodward for distribution to all captains and bridge crew of vessels supplying Agnico Eagle Nunavut projects from 2020 through 2022.</p> <p>Results of MMSO monitoring show compliance with updated training materials.</p> <p>No vessel strikes with marine mammals or seabirds were reported.</p>	<p>1.3 Training 1.4 Mitigation 3.2 Marine Mammal Results 3.3 Seabird Results Appendices A, B, C (Training documents including Mitigation Summary and SOPs)</p>
<p><b>Meliadine PC 006, Condition 82</b></p> <p>The Proponent shall require all contracted shipping companies to provide full-time marine wildlife monitoring using trained observers and established data collection and recording protocols. Monitoring plans should include provisions for all <i>Species At Risk Act</i> (SARA) and for the Committee on the Status of Endangered Wildlife in Canada (COSEWIC) listed species (birds and mammals).</p>	<p><b>In Compliance</b></p> <p>In 2020, Agnico Eagle updated the training materials for MMSO monitoring. These materials were presented to Groupe Desgagnés and Woodward for distribution to all captains and bridge crew of vessels supplying Agnico Eagle Nunavut mines from 2020 through 2022.</p> <p>Results of MMSO monitoring show compliance with updated training materials.</p> <p>No vessel strikes with marine mammals or marine birds were reported.</p>	<p>1.3 Training 1.4 Mitigation 3.2 Marine Mammal Results 3.3 Seabird Results</p>
<p><b>Meliadine PC 006, Condition 83</b></p> <p>The Proponent shall ensure that, subject to vessel and human safety considerations, all Project shipping adhere to the following mitigation procedures while in the vicinity of marine mammals (including polar bear) and birds:</p> <ol style="list-style-type: none"> <li>Marine mammals will be given right of way;</li> <li>Ships will, when possible, maintain a straight course and constant speed, avoiding erratic behaviour; and</li> <li>When marine mammals appear to be trapped or disturbed by vessel movements, the vessel will implement appropriate measures to mitigate disturbance, including stoppage of movement until wildlife have moved away from the immediate area.</li> </ol>	<p><b>In Compliance</b></p> <p>In 2020, Agnico Eagle updated the maps and training materials showing the setbacks and mitigation measures when marine mammals and seabirds are observed. These materials were presented to Groupe Desgagnés and Woodward for distribution to all captains and bridge crew of vessels supplying Agnico Eagle Nunavut mines from 2020 through 2022.</p> <p>Vessel tracks, where sufficient data are available, show vessels avoiding sensitive areas for marine wildlife.</p>	<p>1.3 Training 1.4 Mitigation 3.1 Results</p>

## *Vessel Mitigation*

Vessels are required to transit south of Coats Island whenever the weather is safe to do so. The majority (89%) of vessels servicing the Meadowbank and Meliadine projects in 2022 travelled south of Coats Island, with the exception of three occasions, one of which occurred in August due to windy conditions in Hudson Bay, and the other two occurred in October, both due to inclement weather.

## *Marine Mammal Monitoring*

In 2022, 92 transects were surveyed for marine mammals, and 47 stationary surveys were completed. There was a total of 32 sightings (19 during dedicated surveys and 13 incidentally) of marine mammals during the 2022 shipping season, compared to 35 (surveys and incidentally) in 2021, 12 (surveys and incidentally) in 2020, seven (all during surveys) in 2019, none in 2018, and six (all incidental) in 2017. The majority of all marine mammal sightings between 2017 and 2022 were recorded in the Hudson Strait or near Marble Island and Chesterfield Inlet. There is an insufficient number of marine mammal sightings recorded to conduct a density analysis. No marine mammal-vessel interactions (e.g., strikes) were recorded by Groupe Desgagnés or Woodward in 2022, or in previous years (2017 through 2021).

## *Seabird Monitoring*

No interactions between vessels and seabirds were recorded during the MMSO in 2022, or in previous years. Seabird survey effort on moving vessels in 2022 was similar to 2021 and higher than early years, with 163 surveys completed. Over five years of moving vessel surveys for seabirds between 2018 and 2022, 49 species and 8,624 individual birds were recorded. No new species were recorded in 2022. The most common species recorded in 2022 were northern fulmar, razorbill, herring gull, and common murre. For the second year, common murre were reported in large numbers; while they can occur in the eastern portion of the shipping zone near Newfoundland, they are not common through the majority of the survey area. It is possible that identifications of common murre were actually thick-billed murre, which occur throughout the survey area. Across all years, thick-billed murre and northern fulmar are consistently among the most commonly recorded species.

Seabird detectability and density were estimated using models which account for lower detectability of birds with greater distance from survey transects. Detectability estimates were mostly consistent between years, with the highest estimate in 2022, followed by 2019 and 2021. Despite the higher detectability estimate, 2022 had the lowest predicted seabird density. The spatial effort of surveys in 2022 was higher than all previous years, but the number of seabirds recorded was similar to other years. The differences in estimated density are a reflection of variability in the effort and number of birds detected between years.

Stationary vessel surveys in 2022 were frequently lacking records of survey time, creating a lower sample size of surveys which were used for analysis. A total of 2,592 individuals from 37 species were recorded during stationary vessel surveys from 2019 to 2022. Nearly 50% of records were from 2021, and the remaining records were almost all from 2022 and 2020. The detection rate for stationary vessel surveys is roughly half of that for moving vessel surveys. This result is generally consistent with the data, which indicate that both detections and number of birds recorded per survey were lower for stationary surveys compared to moving surveys.

## *Marine Wildlife Observations - Baker Lake*

Agnico Eagle conducts a program of community wildlife observers on barges ferrying supplies between Helicopter Island and Baker Lake within Chesterfield Inlet. Community wildlife observers record incidental sightings of wildlife rather than completing standardized surveys. There were 54 incidental observation sheets completed in 2022 by community members in July, August, and October. On seven of these sheets, observers noted that no birds were observed during a particular time. Wildlife were observed during 47 of the 54 “surveys” conducted in 2022. During these surveys, there were 45 separate sightings

of birds (total of 117 individuals), one sighting of caribou (a group of five animals), and one sighting of a muskox group (eight animals). No marine mammals were observed. The most commonly observed birds were unknown gull species.

In addition to community wildlife observers, the shipping companies continued to record marine wildlife sightings while vessels were at anchor near Helicopter Island, or on the tugs/barges between Helicopter Island and Baker Lake to supplement the community observer effort. In 2022, the tugs (Atlantic Beech and Atlantic Elm) recorded a total of 54 incidental sightings while transiting between Helicopter Island and Baker Lake over 27 separate days between July 13 and October 24. No marine mammals were recorded incidentally, and a total of 233 seabirds were recorded across 13 different species.

In addition to the incidental sightings by the barges, vessels also completed stationary surveys while anchored at Helicopter Island and moving transect surveys when conditions allowed. In 2022 there were 34 stationary surveys for marine mammals completed at Helicopter Island, and one moving transect survey between Helicopter Island and Baker Lake. No marine mammals were observed during any of these surveys. For seabirds, 110 stationary surveys were completed (27 of which had temporal effort recorded) and 15 moving transect surveys. During stationary seabird surveys, 383 individuals across 15 different species were observed, and during moving transect surveys, 172 individual seabirds across 12 different species were observed.



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## ACRONYMS AND ABBREVIATIONS

Agnico Eagle	Agnico Eagle Mines Limited
AIC	Akaike's Information Criterion
AIS	Automatic Identification System
CI	Confidence Interval
ECSAS	Eastern Canada Seabirds at Sea
GPS	Global Positioning System
km	Kilometre
MMMMP	Marine Mammal Management and Monitoring Plan
MMSO	Marine Mammal and Seabird Observer
NIRB	Nunavut Impact Review Board
RSA	Regional Study Area
SMP	Shipping Management Plan
SOP	Standard Operating Procedure
VTS	Vessel Traffic Services
Woodward	Woodward Group and Companies

## 1. INTRODUCTION

### 1.1 Project Background

Agnico Eagle Mines Limited (Agnico Eagle) contracts the shipping company Groupe Desgagnés to ship cargo and Woodward Group and Companies (Woodward) to ship fuel from Bécancour, Quebec, to its Nunavut Operations, Meadowbank and Meliadine. Since 2017, Agnico Eagle has required shipping companies to conduct vessel-based monitoring of marine mammals and seabirds using the vessel crew.

The Marine Mammal and Seabird Observer (MMSO) Annual Report summarizes results of the 2022 shipping season. The MMSO monitoring program and report satisfies the following Project Certificate Conditions from the Nunavut Impact Review Board (NIRB):

- Whale Tail NIRB Project Certificate No. 008, Terms and Conditions 38, 39, and 40 (NIRB 2020);
- Meliadine Mine NIRB Project Certificate No 006, Terms and Conditions 82 and 83 (NIRB 2022); and
- Meadowbank NIRB Project Certificate No. 004, Terms and Conditions 36 and 41 (NIRB 2018).

This monitoring program is described in:

- the Meadowbank Shipping Management Plan Version 4 (Agnico Eagle 2022a); and
- the Meliadine Shipping Management Plan Version 9 (Agnico Eagle 2022b).

In 2020, the MMSO program was improved following comments from interveners on previous years' MMSO reports. ERM worked with Agnico Eagle to:

- develop training materials, Standard Operating Procedures (SOPs), and data sheets for Groupe Desgagnés and Woodward personnel who would be acting as MMSO observers (Appendices A to C);
- develop mitigation SOPs for vessel crew when marine mammals and seabirds are observed; and
- develop and present training workshops for MMSO observers.

Since the requirements for the Meadowbank and Meliadine projects are very similar, and as initiated in 2020, the 2022 MMSO Annual Report addresses reporting for both projects.

#### 1.1.1 Agnico Eagle Meadowbank Division

Agnico Eagle – Meadowbank Complex operates the Meadowbank and Whale Tail Mines (Figure 1.1-1). The Meadowbank Complex holds NIRB Project Certificates 004 and 008.

Shipping is carried out during the open water season (typically from July to late October) and follows recommended shipping routes that are presently in use for the annual sea lift to Chesterfield Inlet, Baker Lake, and other communities. The shipping route extends through Hudson Strait and across Hudson Bay to Chesterfield Inlet (Figure 1.1-2). There, dry cargo is lightered onto tug-assisted barges and fuel is lightered onto smaller shuttle tankers for Groupe Desgagnés and/or Woodward through the Baker Lake access passage (Chesterfield narrows, south channel) to the Meadowbank Mine barge unloading facilities and laydown area in Baker Lake.

In addition, the Meadowbank Complex is required to place a local area marine wildlife monitor on-board all vessels transporting fuel or materials for the Project through Chesterfield Inlet to satisfy the NIRB Project Certificate No. 004, Term and Condition 36.

Whale Tail Mine Certificate No. 008, Term and Condition 39 requires that project vessels must follow a setback distance of 500 m from colonies and aggregation of seabirds and marine mammals while

transiting through the Hudson Strait, Hudson Bay, and Chesterfield Inlet. To support compliance with this condition, setback polygons were created (Figure 1.1-2).

### 1.1.2 Agnico Eagle Meliadine Division

Agnico Eagle – Meliadine Division operates the Meliadine Mine (Figure 1.1-1). The Meliadine Project holds the NIRB Project Certificate 006.

Shipping is carried out during the open water season (typically from July to late October) and follows the recommended shipping routes presently in use for the annual sea lift to Rankin Inlet and other Kivalliq communities. The shipping route study area extends through Hudson Strait and across Hudson Bay to Rankin Inlet, with vessels anchoring either outside or inside Melvin Bay (Figure 1.1-2).

### 1.1.3 MMSO Annual Report Overview

This MMSO Annual Report provides an overview of:

- training, mitigation, and monitoring required on vessels;
- the vessels that supplied Meadowbank Complex and Meliadine in 2022;
- mitigation measures conducted by these vessels, including setbacks from sensitive habitats, traveling south of Coats Island and avoiding marine mammals and seabirds observed at sea;
- marine mammal monitoring conducted from 2017 to 2022 (2017 was for Meliadine only);
- seabird monitoring conducted from 2018 to 2022; and
- community surveys carried out from barges between Helicopter Island in Chesterfield Inlet and the Hamlet of Baker Lake from 2008 to 2019 and in 2022, and completed by Groupe Desgagnés and Woodward in 2020, 2021, and 2022 (due to restrictions related to the Covid-19 pandemic).

## 1.2 MMSO Program Objectives

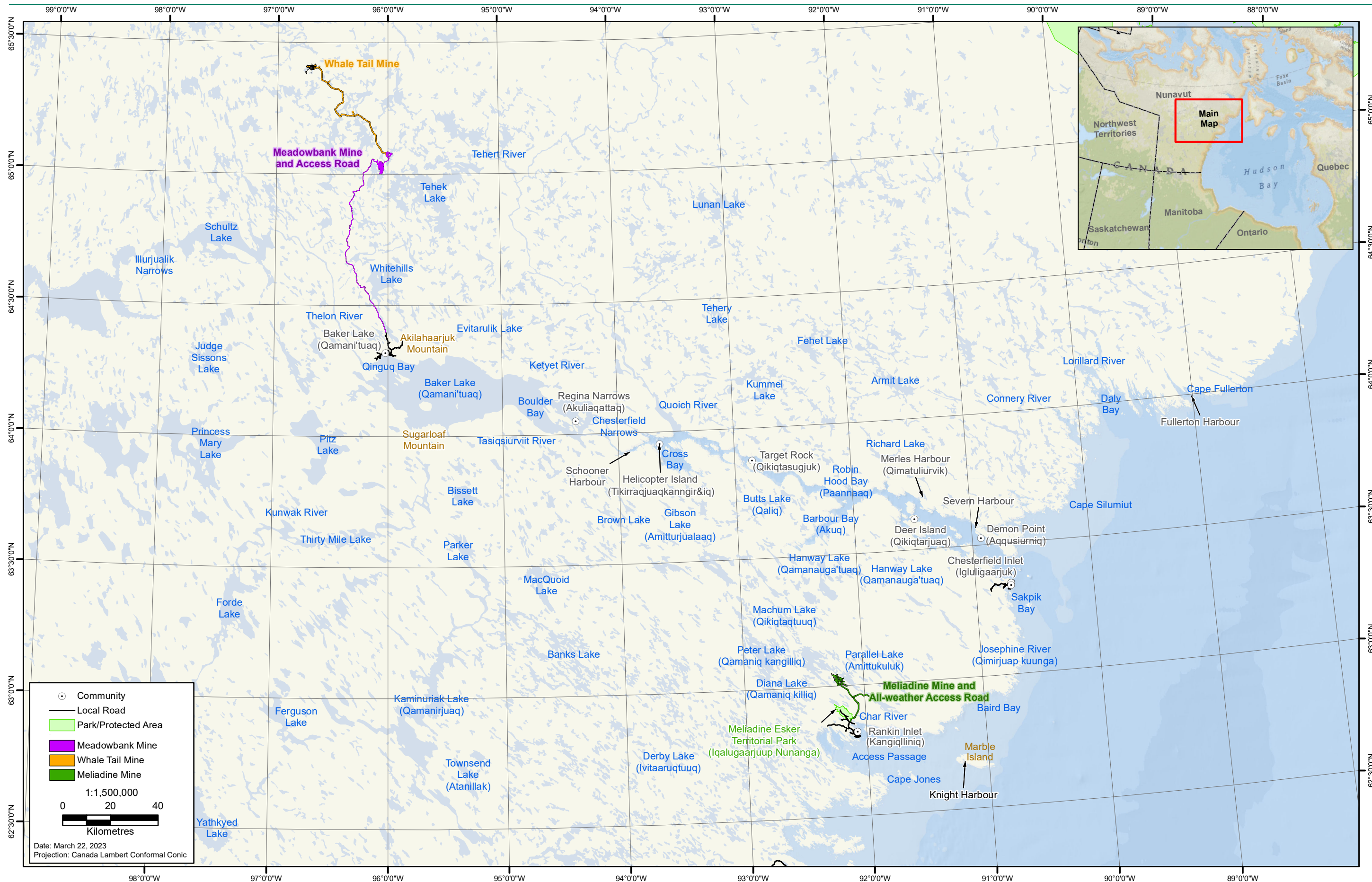
The Meadowbank and Meliadine Shipping Management Plans (SMPs) outline a MMSO program within the Meadowbank Complex Marine Mammal Management and Monitoring Plan (MMMMP; Agnico Eagle 2022c) and Meliadine Marine Environmental Management Plan (MEMP; Agnico Eagle 2022d) that is implemented by Project shipping contractors (Agnico Eagle 2022a, 2022b). Groupe Desgagnés and Woodward are required to implement a MMSO program during shipping activities in the marine Regional Study Area (RSA; Hudson Strait through Hudson Bay) and in Chesterfield Inlet.

The objectives of the MMSO program are to:

1. mitigate interactions between marine mammals and seabirds and Project vessels;
2. collect information on marine wildlife presence along the shipping route; and
3. engage local community members to record sightings of wildlife opportunistically while travelling through Chesterfield Inlet.

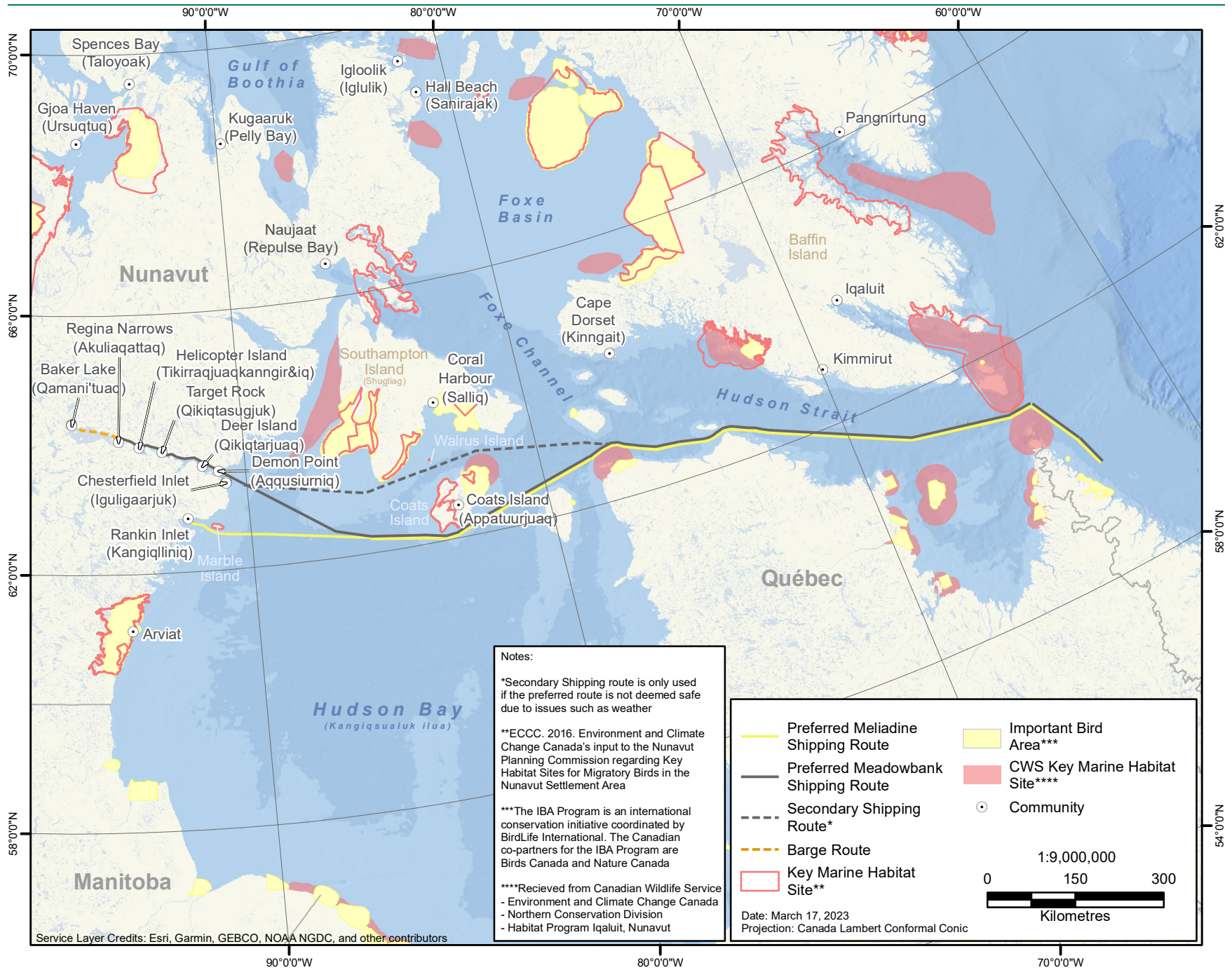
As the MMSO related Terms and Conditions are similar between Meadowbank and Meliadine, the MMSO program is presented in one consolidated report in 2022, as was done in 2020 and 2021. This report presents a summary of the MMSO data collected by Groupe Desgagnés and Woodward on-board their vessels during the 2022 MMSO program to provide information to support Agnico Eagle's 2022 Annual Reports to the NIRB. This report also includes a summary of all data collected between 2017 and 2022.





**Figure 1.1-1: Meliadine and Meadowbank Mine Locations**





**Figure 1.1-2: Marine Mammal and Seabird Observer Program Study Area along Shipping Route to Meliadine and Meadowbank Mines**

### 1.3 MMSO Training

Training provided by Agnico Eagle for the assigned MMSOs was updated in 2020. Minor updates to the seabird datasheets were completed in 2021 and 2022 following comments from Environment and Climate Change Canada (ECCC) to encourage MMSOs to improve data collection using five-minute survey intervals for seabird surveys (see survey methods in Section 2.3). In 2022, training was provided through virtual webinars, as well as holding monthly meetings with the shipping companies to provide additional recommendations and feedback on data collection. The enhanced training material included the following:

- A Marine Shipping Mitigation Summary Brochure (Appendix A), which is required to be reviewed by all captains and assigned MMSOs, and to be kept by captains onboard the vessel at all times for easy and quick reference. This is a 10-page document summarizing guidelines for operation of vessels (e.g., how to transit near animals, preferred routes), mitigation measures for captains based on Section 4.2 of the SMPs, as well as a summary of the monitoring program and survey techniques.
- A pre-trip training presentation/webinar was created and recorded in 2020 and was required to be reviewed by vessel crew members again in 2022. The recorded webinar is also available on the ship for review by MMSOs as needed.
- All MMSOs and captains are required to review and become proficient with the material provided in the Marine Mammal Monitoring SOP (Appendix B) and the Seabird Monitoring SOP (Appendix C), which details the methods for conducting both types of surveys.
- Crew are required to learn marine mammal and seabird identification, including common species (identification guides have been provided).
- All MMSOs and captains are required to review how to fill out the *Marine Mammal Sightings Form*, *Seabird Sightings Form*, *Incidental Marine Wildlife Sightings Form*, and the *Marine Mammal and Seabird Observer (MMSO) Incident Report Form* (Attachments in Appendices B and C).
- A one-page fact sheet for marine mammal surveys and a one-page fact sheet for seabird surveys were created and provided to the shipping companies in 2022 to emphasize survey methodologies for the MMSOs.

In addition, the *Marine Mammal Sightings Form*, *Seabird Sightings Form*, *Incidental Marine Wildlife Sightings Form*, and the *Marine Mammal and Seabird Observer (MMSO) Incident Report Form* were all updated between 2020 and 2022 to improve data collection and simplify the process for the MMSOs onboard the vessels. These data sheets are provided as attachments within Appendices B and C.

### 1.4 Marine Mammal and Seabird Mitigation

Project Certificates 004, 006, and 008 require vessels supplying the Meadowbank Complex and Meliadine mines to avoid sensitive marine mammal and seabird habitats such as haul-outs and breeding colonies. Mitigation and management measures (summarized from Section 4.2 of the Shipping Management Plans for Meadowbank and Meliadine; Agnico Eagle 2022a, 2022b) include the following:

1. General navigational requirements while travelling through Hudson Strait to Helicopter Island or Rankin Inlet, include the following:
  - ships will, when possible, maintain a straight course and constant speed, and avoid erratic behaviour;
  - marine mammals will be given right of way as safe navigation allows;
  - the ship will not be operated in such a way as to separate an individual member(s) of a group of marine mammals from other members of the group;

- ships will maintain the required setback distances (500 m) around marine mammals and seabirds on land;
  - ships will use a routing south of Coats Island as the primary shipping route;
  - ships travelling for the Meliadine mine will remain at least 2 km from Marble Island to avoid disturbing seals, walrus and marine birds that might be in the vicinity; and
  - ships will maintain the required setback distances around marine mammals and seabirds in the water (between 100 m and 500 m depending on group size or behaviour of animals, see Appendix A).
2. As part of the shipping companies' standard operating procedures, ship crews will monitor for marine mammals and seabirds from Hudson Strait to the lightering point near Helicopter Island (Meadowbank) or Rankin Inlet (Meliadine).
  3. The ship's Master will be notified if there is a concern of the ship striking a marine mammal.
  4. Ship personnel are required to take actions to avoid a possible collision by implementing management measures (e.g., reduce speed, stop vessel until animal moves away), if safe to do so.
  5. If a collision occurs, the appropriate people will be contacted and the incident will be documented.

This report describes the vessel routes, and their avoidance of sensitive wildlife areas. The report also describes any observations of marine mammals and seabirds that would trigger mitigation and the mitigation that occurred, if any.

## 1.5 MMSO Program Monitoring on Vessels

The MMSO Program was developed to meet commitments made during the NIRB hearings related to marine shipping. The MMSO program is required to be conducted during all routine shipping activities along the shipping route from Bécancour to the project. The program includes collection of information on marine wildlife species presence along the shipping route. In addition, surveys are occasionally conducted while the vessel is anchored at Helicopter Island or Rankin Inlet. The marine mammal and seabird monitoring is conducted by ship's crew and methods are provided in Section 2 and Appendices B and C. Results of MMSO monitoring at sea are reported in Sections 3.2 and 3.3.

## 1.6 Marine Wildlife Observations – Baker Lake

When transporting dry cargo and fuel from Bécancour to Baker Lake, deep-water vessels can enter Chesterfield Inlet, but must stop at Helicopter Island (Tikirraqjuaqkanngir&iq) at the west end of the Inlet. There, material is loaded aboard barges, and tugs move the barges through the narrow passage connecting Chesterfield Inlet to Baker Lake, and then on to the hamlet of Baker Lake.

To satisfy NIRB Project Certificate No. 004, Term and Condition 36, Agnico Eagle's Meadowbank Complex is required to engage a local area marine wildlife monitor onboard all vessels transporting fuel or dry cargo for the mine on barge shipping between Helicopter Island and Baker Lake.

During 2020 and 2021, due to the Covid-19 pandemic, Inuit observers were not allowed aboard vessels; therefore, marine wildlife observations were only made by vessel crew when possible. In 2022, standard practice resumed, and local monitors were again onboard vessels to record sightings of wildlife. Results of marine wildlife monitoring between Helicopter Island and Baker Lake are reported in Section 3.4. In addition to local monitors, both Groupe Desgagnés and Woodward MMSOs completed marine wildlife observations in 2022 between Helicopter Island and Baker Lake. These results are presented in Sections 3.2 and 3.3 and summarized in Section 3.4.1.

## 2. METHODS

Groupe Desgagnés and Woodward crew members were assigned MMSO duties and were trained to complete the surveys following the SOPs (Appendices B and C) and in accordance with the methods outlined in the SMPs (Agnico Eagle 2022a, 2022b). These methods are summarized below and described in detail in Appendices B and C.

### 2.1 Vessel Tracks

Agnico Eagle provided ERM with a list of vessel names and dates of delivery for shipments to Meadowbank and Meliadine. Each vessel is required by Transport Canada to transmit Automatic Identification System (AIS) data via a transceiver on board. These data are used by other vessels and Vessel Traffic Services (VTS) to monitor vessel movements. ERM acquired archived AIS data from Vesseltracker, a commercial AIS supplier that aggregates AIS data from satellite and shore-based stations. These data vary in frequency based on distance from shore, location of shore-based stations, and position of satellites. In some cases, AIS position data is available on an hourly or sub-hourly basis, but in other cases, position data can be 12 hours or more between fixes.

Tracks for the vessel names and dates provided by Agnico Eagle were downloaded from Vesseltracker (2023) and plotted using ArcGIS 10.8.1. Only vessels traveling to Meadowbank or Meliadine are presented in this report. In addition, important bird areas and marine mammal aggregations were buffered by 500 m, and Marble Island was buffered by 2 km, as defined by the SMPs (Agnico Eagle 2022a, 2022b), to establish setback polygons. A Geographic Information System (GIS) was used to perform an overlay and near analysis to identify which lines and points intersected or were in close proximity to these buffered areas.

### 2.2 Marine Mammals

MMSO observations were completed while the vessels were traveling to Agnico Eagle mines. Surveys are carried out by the dedicated MMSO from a high location on the vessel, either on the bow or in the wheelhouse, depending on weather. One to three surveys are completed daily from the same location on the vessel each time. Marine mammal surveys last for a minimum of 1.5 hours to not more than two hours to mitigate observer fatigue and eyestrain. A precise scan routine is carried out throughout the marine mammal observation period as described in the MMMMP and the Marine Mammal Survey SOP (Agnico Eagle 2022c, 2022d; Appendix B).

All marine mammals observed during the dedicated marine mammal survey periods are recorded on the “*Marine Mammal Sightings Form*”, including GPS location, distance to animal, angle to animal, number of individuals, species, and behaviour. If a marine mammal is observed during the voyage outside of the dedicated marine mammal observation period (i.e., off-effort), this is recorded as an incidental sighting on the “*Incidental Marine Wildlife Sightings Form*” (Appendix B).

Further details regarding survey methods for marine mammals are provided in the SOP provided in Appendix B, and within the MMMMP (Agnico Eagle 2022c, 2022d).

#### 2.2.1 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 Groupe Desgagnés and Woodward. There were not enough marine mammal sightings recorded during the MMSO programs to conduct a density analysis. However, after an additional shipping season and due to the improvement in data collection in recent years, the possibility for a density analysis will be revisited in 2023.



### 2.2.1.1 Temporal and Spatial Observation Effort

Temporal (hours) and spatial (km) marine mammal observation effort was defined as the effort dedicated to marine mammal surveys as recorded by Groupe Desgagnés and Woodward on the MMSO datasheets. Marine mammal spatial effort was calculated as linear kilometres using GPS coordinates that were recorded at the start and end of each MMSO survey transect. Start and end times were recorded on the datasheets and were used to determine temporal effort (i.e., the time spent completing marine mammal surveys). If a start or end location, or a start or end time was not entered in the datasheet, then spatial and/or temporal effort could not be calculated for that survey and was excluded from the survey effort.

### 2.2.1.2 Environmental Variables

Environmental variables were recorded on the datasheets during surveys. These variables include wind speed and direction, sea state (Beaufort scale), weather (e.g., precipitation and cloud conditions), visibility (in km), and sun glare. Environmental variables were summarized as a percentage of observation effort.

## 2.3 Seabirds

Dedicated MMSOs are directed to complete surveys from moving and stationary platforms according to the Eastern Canada Seabirds at Sea (ECSAS) standardized protocol for pelagic surveys from moving and stationary platforms (Gjerdrum et al. 2012). Surveys for seabirds were conducted by the dedicated MMSO from a high location on the vessel, either on the bridge or in the wheelhouse, depending on weather. Surveys are carried out at the same location on the vessel as much as possible. Surveys are best completed along a transect line; therefore, it is best to start a seabird observation period when the vessel is and will be moving in a straight line for an extended period of time (i.e., Moving Vessel Surveys, Appendix C Section 2.4.3). If the vessel is stationary (e.g., anchored) for a day or portion of a day, then a seabird survey will be required while anchored to ensure the minimum of one survey per day is met (i.e., Stationary Vessel Survey, Appendix C Section 2.4.4). Training for crew members focused on following the ECSAS protocol, which involves surveys conducted in 5-minute “snapshot” intervals, as per recommendations by ECCC.

For both survey types (moving and stationary), binoculars or spotting scopes are used to confirm species identification and other details when necessary. All seabirds observed during surveys are recorded including species, number of individuals, location (in flight or on water), distance to the vessel, and behaviour. Additional information regarding the seabird surveys can be found in Appendix C.

MMSOs are directed to complete each seabird survey period on a moving vessel during six consecutive five-minute periods and repeated three times a day to capture morning, afternoon and evening periods, when possible. A precise scan routine is conducted within 300 m from the vessel as described in the MMMMP and the Seabird Survey SOP (Agnico Eagle 2022c, 2022d; Appendix C). All birds observed within this 300 m transect, whether flying or on the water, are recorded and considered in-transect sightings.

Stationary vessel surveys are carried out as a 180° semi-circle scan of the surrounding area from the front (bow) of the vessel. Birds within 300 m are considered inside the survey area; however, birds beyond 300 m are still recorded. The survey ends when all seabirds within the semi-circle have been recorded, or if no seabirds are seen during the initial scan, the survey is complete.

If a seabird is observed during the voyage outside of the dedicated seabird observation period (i.e., off-effort), this is recorded as an incidental sighting on the “*Incidental Marine Wildlife Sightings Form*” (Appendix B).



## 2.3.1 Seabird Data Analysis

### 2.3.1.1 Temporal and Spatial Observation Effort

The number of survey hours and kilometres (km) were recorded as indices of effort for seabird surveys. Seabird spatial effort was calculated as linear kilometres using GPS coordinates that were recorded by Groupe Desgagnés and Woodward at the start and end of each survey. Start and end times recorded on datasheets were used to determine temporal effort (i.e., the time spent completing seabird surveys). Spatial effort is reported for moving vessel surveys only, while temporal effort is reported for both moving vessel and stationary vessel surveys.

In 2022, crew member training focused on emphasizing five-minute interval surveys, as per the Eastern Canada Seabirds at Sea (ECSAS) standardized protocol for pelagic surveys from moving and stationary platforms (Gjerdrum et al. 2012). Therefore, in 2022, shipping companies recorded start/end time and position for each five-minute interval of a survey (for moving vessel surveys). Each survey consisted of six five-minute intervals. Survey effort was summarized by incorporating all six intervals. However, each five-minute interval was considered separately for distance models because the precise start and end locations are required for modelling.

### 2.3.1.2 Environmental Variables

Environmental conditions were recorded on survey datasheets: wind speed (Beaufort scale) and direction, sea state, weather (e.g., precipitation and cloud conditions), visibility, and sun glare. Environmental variables were summarized according to the number of seabird detections so that any trends with poorer weather or visibility conditions could be visually assessed.

### 2.3.1.3 Data Analysis

Distance analyses estimate the diminishing detectability of objects (e.g., birds) with greater distance from observers. For example, a bird flying within 50 m is more likely to be seen and identified than a bird flying 300 m away from an observer. Because birds at greater distances are more likely to be missed during surveys, the number of birds recorded does not represent the true abundance of birds in the area. Distance models take these detectability changes into account and allow more accurate estimation of seabird density (Buckland et al. 2001). Seabird monitoring records included observations of seabirds at varying distances from the vessel. Data from a moving vessel can be approximated as sampling along line transects. This analysis is also possible for point data (i.e., stationary vessel surveys), but estimates of seabird density require repeated observations at the same point locations. Therefore, the analysis of the stationary vessel surveys only includes detection estimates, but not density estimates.

### 2.3.1.4 Moving Vessel Surveys – Data Analysis

Density of seabirds was estimated via distance modelling of moving vessel surveys, with comparison of results between years of surveying. Distance model selection did not include environmental variables, due to low sample size limiting modelling fitting capabilities (Buckland et al. 2001); visual assessment of variation in detection rate according to environmental variables was conducted to determine if any major anomalies were present with poor weather such as rain, snow, or fog.

Analysis of seabird data was performed using the Distance software adapted for R (Distance package v 1.0.7, run on R v 4.1.1; Miller et al. 2019, R Core Team 2021). First, model “key functions” are fit to the data to determine the general shape of the model curve, which describes the change in detection with distance. The three main key functions are: hazard rate, half-normal, and uniform. For example, a uniform function indicates that detection drops off consistently with distance (e.g., a bird is less likely to be seen at

50 m than 0 m, and less likely still to be seen at 100 m). Hazard rate and half-normal curves maintain consistent detection for a certain distance, but detection drops off more steeply at farther distances (e.g., a bird is just as likely to be detected if it is within 100 m but much less likely to be detected past 150 m; Miller et al. 2019). These key functions can have adjustment terms which refine the main model fit: cosine, simple polynomial, and hermite polynomial (a type of orthogonal polynomial) adjustments. All model key function and adjustment combinations were tested for fitting the data.

The observation data were binned into distance categories for analysis: 0-50 m, 50 to 100 m, 100 to 200 m, and 200 to 300 m. The closest distance bins were considered for grouping in case of evasive movements causing an abnormal detection distribution (e.g., if there are more sightings > 50 m away because birds dive or fly away as the ship approaches), but there did not appear to be any anomalies in the data requiring the distance bins to be grouped differently. Models accounted for variable detection according to group size; density estimates results are presented as individuals per km<sup>2</sup>. Analyses included only on-transect sightings and did not use re-sightings of the same birds.

Models were selected using the minimum Akaike's Information Criterion (AIC; Akaike 1973). AIC values provide relative rankings between models fit with the same data, where the lowest AIC ranked model is considered the best fit to the data. Top models were also checked for adequate goodness of fit indices including plotting model curves against the data.

## 2.4 Marine Wildlife Observations – Baker Lake

When transporting equipment and fuel from Bécancour to Baker Lake, deep-water vessels can enter Chesterfield Inlet, but must stop at Helicopter Island (Tikirraqjuaqkangir&iq) at the west end of the Inlet. There, material is loaded aboard barges, and tugs move the barges through the narrow passage connecting Chesterfield Inlet to Baker Lake, and then on to the hamlet of Baker Lake.

To satisfy NIRB Project Certificate No. 004, Term and Condition 36, Agnico Eagle's Meadowbank Complex is required to engage a local area marine wildlife monitor onboard all vessels transporting fuel or materials for the Mine on barge shipping between Helicopter Island and Baker Lake. Local area marine wildlife observers record all observations of wildlife as incidental sightings. Note that in 2020 and in 2021, community members were not permitted to board vessels due to health and safety restrictions in place related to the Covid-19 pandemic. Therefore, Groupe Desgagnés and Woodward had their MMSOs record sightings of marine mammals and seabirds when possible while travelling on the barge, following methods described in Section 2.2 and 2.3. Local monitors and Groupe Desgagnés and Woodward MMSOs completed the marine wildlife surveys in 2022, with results from the vessel companies presented in Sections 3.2 and 3.3 and summarized in Section 3.4.1.

### 3. RESULTS

#### 3.1 Shipping Activity in 2022

During the 2022 shipping season, a total of 27 vessels, (two of which were tugs, 14 cargo, and 11 fuel) travelled to Meadowbank (13 vessels), Meliadine (seven vessels), or to both Meadowbank and Meliadine (seven vessels) between July 3 and November 11, 2022 (Table 3.1-1; Figure 3.1-1 through 3.1-4). Vessel tracks broadcast using Automated Information System (AIS) vessel positioning were downloaded from Vesseltracker (2022) and plotted using ArcGIS 10.8.1.

**Table 3.1-1: Summary of Groupe Desgagnés and Woodward Vessels during the Shipping Season, July to November 2022**

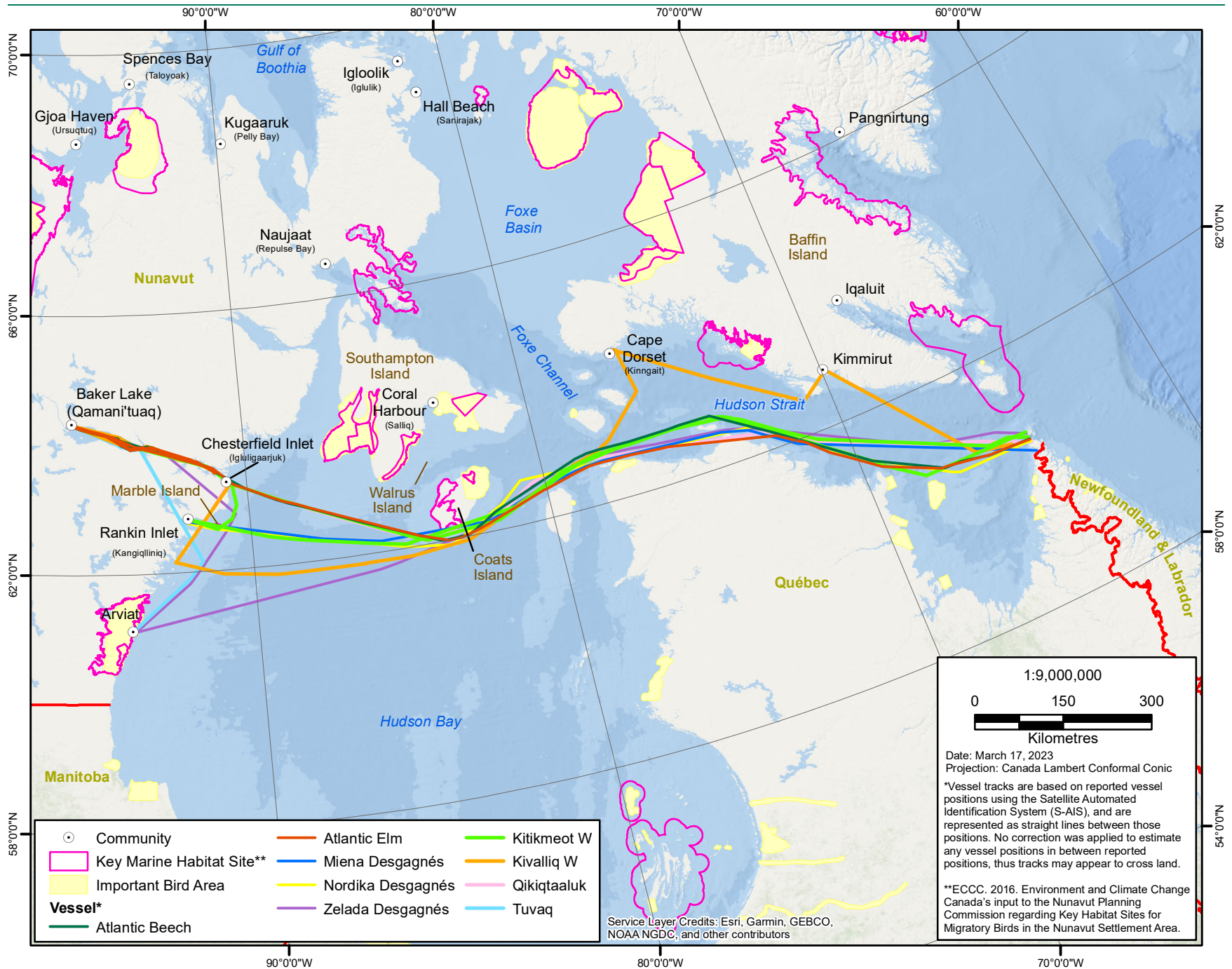
Vessel Name	Fuel or Cargo	Project and Number of Trips			Total Trips
		Meadowbank	Meliadine	Meadowbank and Meliadine	
Kivalliq W	Fuel	1	-	1	2
Kitikmeot W	Fuel	2	-	-	2
Tuvaq W <sup>1</sup>	Fuel	2	-	-	2
Qikiqtaaluk W	Fuel	-	2	1	3
Marlin Ametrine	Fuel	2	-	-	2
Nordika Desgagnés	Cargo	1	2	1	4
Atlantic Elm Tug <sup>2</sup>	Cargo	1	-	-	1
Atlantic Beech Tug <sup>2</sup>	Cargo	1	-	-	1
Acadia Desgagnés	Cargo	1	-	-	1
Claude Desgagnés	Cargo	-	1	1	2
Sedna Desgagnés	Cargo	-	1	-	1
Zélada Desgagnés	Cargo	1	-	1	2
Miena Desgagnés	Cargo	1	1	2	4
<b>Total</b>		<b>13</b>	<b>7</b>	<b>7</b>	<b>27</b>

<sup>1</sup>The Tuvaq W. was also transiting between Helicopter Island and Baker Lake for the Meadowbank mine between August 15 and August 23; however, this is not included as a separate trip due to the nature of the vessel transiting only locally.

<sup>2</sup>The Atlantic Elm and Atlantic Beech Tugs were also transiting between Helicopter Island and Baker Lake for the Meadowbank mine between July and October; however, these are not all considered separate trips due to the nature of the tug transiting only locally.

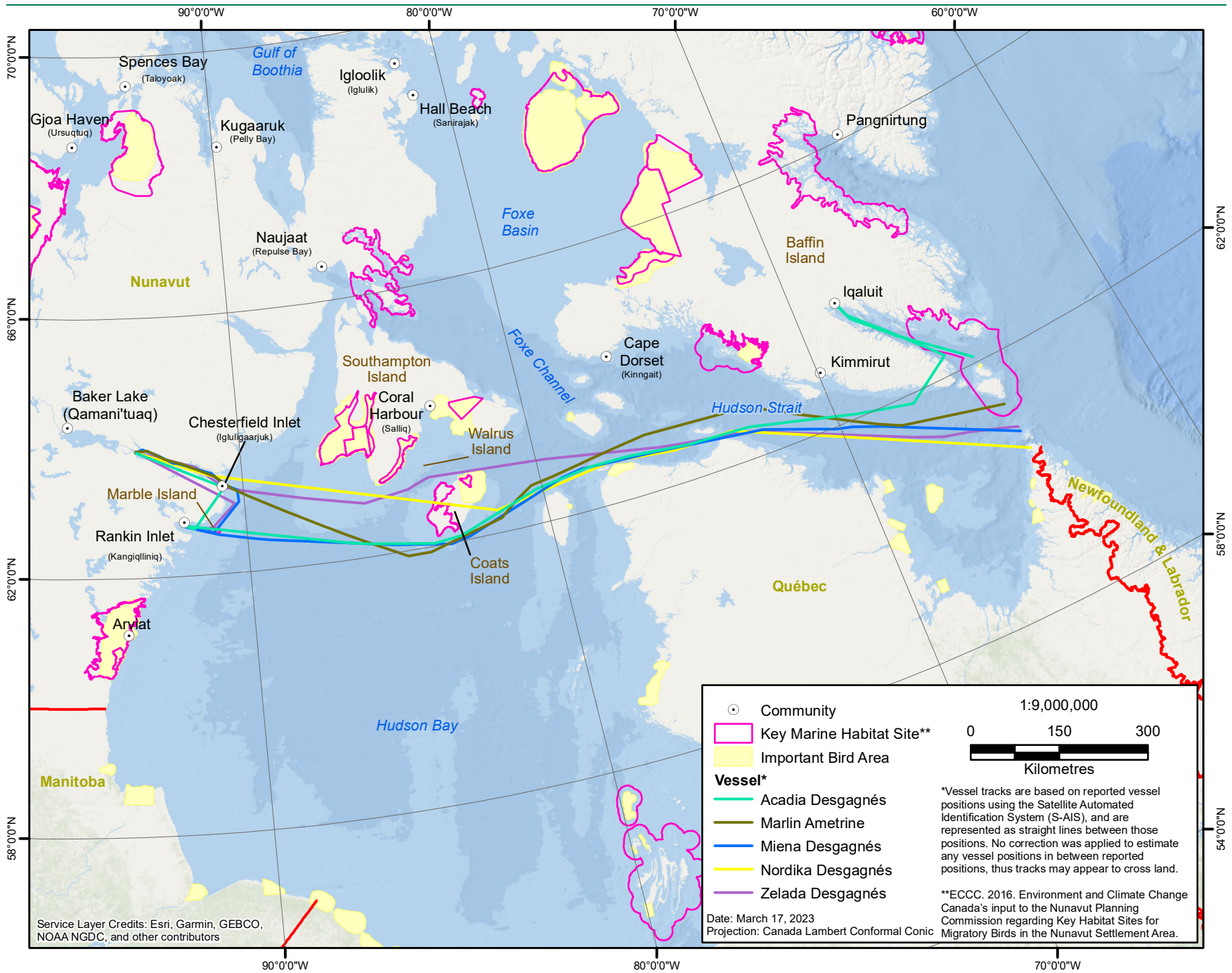
Most (67%) of these vessels delivered cargo and fuel exclusively for Agnico Eagle, while nine trips also conducted community re-supply before visiting Agnico Eagle mines, including the following:

- Three vessels in July (Kivalliq W., Tuvaq W. and Zelada Desgagnés.; Figure 3.1-1).
- One vessel in August (Acadia Desgagnés; Figure 3.1-2).
- One vessel in September (Sedna Desgagnés; Figure 3.1-3).
- Four vessels in October and November (Tuvaq W., Qikiqtaaluk W., Kivalliq W., and Marlin Ametrine; Figure 3.1-4).

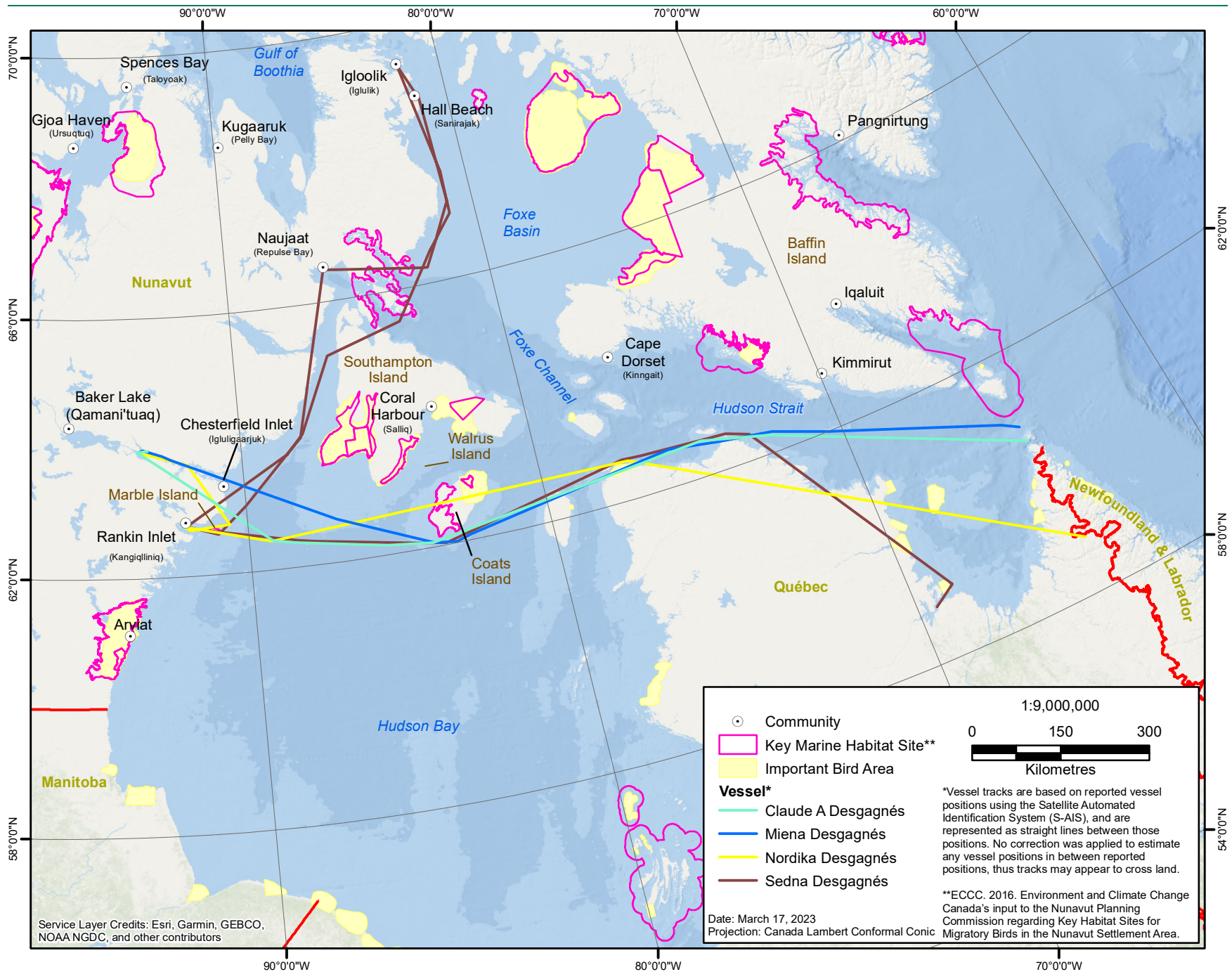


**Figure 3.1-1: Groupe Desgagnés and Woodward Shipping Tracks, July 2022**



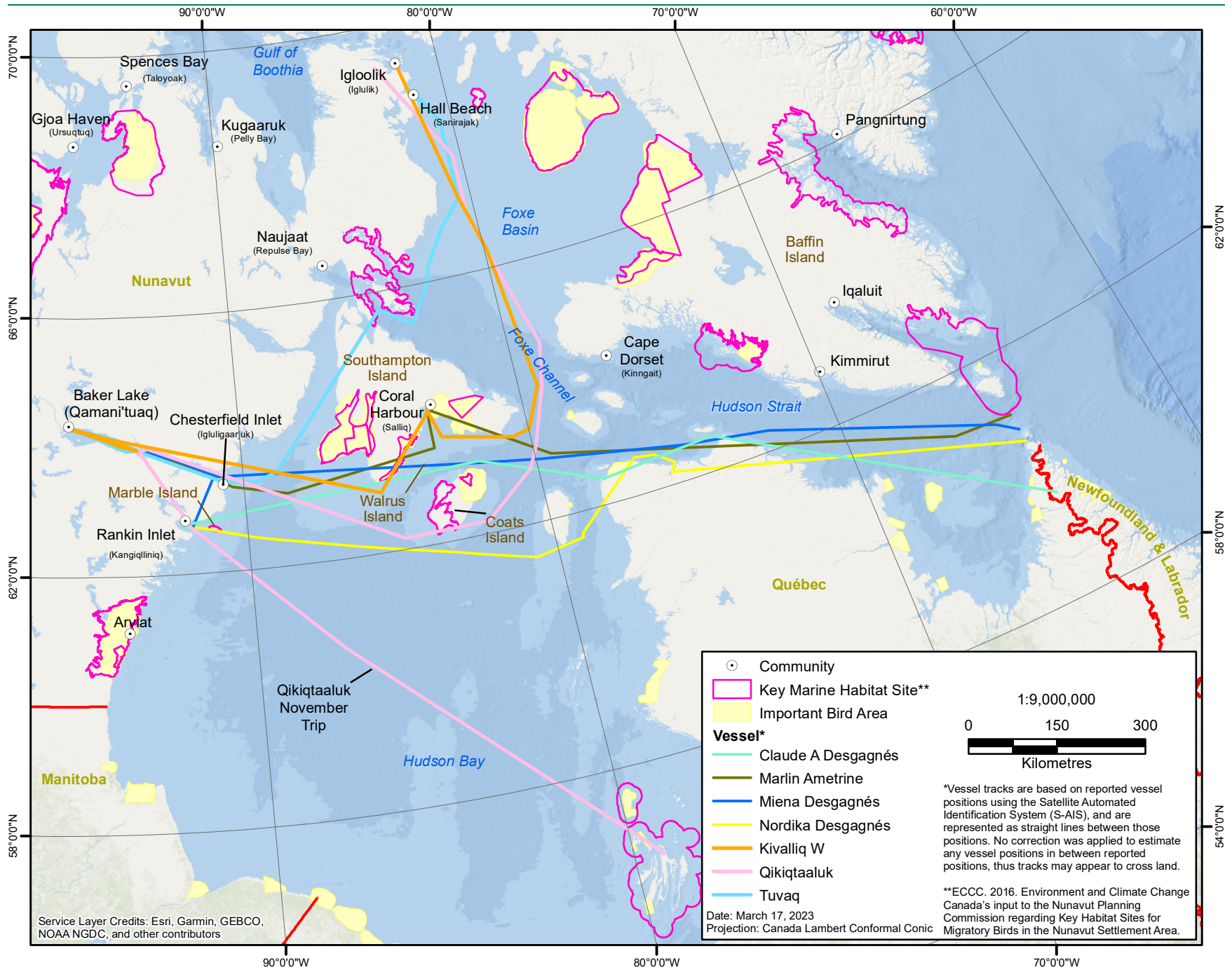


**Figure 3.1-2: Groupe Desgagnés and Woodward Shipping Tracks, August 2022**



**Figure 3.1-3: Groupe Desgagnés and Woodward Shipping Tracks, September 2022**





**Figure 3.1-4: Groupe Desgagnés and Woodward Shipping Tracks, October and November 2022**

### 3.1.1 Mitigation Measures – Setbacks from Sensitive Habitats

Project vessels must follow a setback distance of 500 m from colonies and aggregation of seabirds and marine mammals while transiting through the Hudson Strait, Hudson Bay, and Chesterfield Inlet, and a setback distance of 2 km from Marble Island. Maps were produced that included these locations, buffers, and the vessel tracks.

Where AIS data was recorded frequently (every hour), vessel tracks avoided the setback areas. However, in some cases, the AIS data was recorded less frequently (every 6 to 12 hours). These long delays between position fixes create erroneous vessel tracks, with vessels in some cases appearing to cross dry land and in other cases appearing to cross the setback areas. For example, during a vessel trip by the Nordika Desgagnés in August (Figure 3.1-2) and another trip in September (Figure 3.1-3), no positions were recorded over two days between August 14 and August 16, or between September 16 and September 18, respectively; therefore, the vessel tracks both appear as straight lines going directly across Coats Island. Due to the poor resolution of this data, information (e.g., route, setbacks) regarding these trips cannot be extrapolated with confidence.

Track data is based on satellite positioning; therefore, ship track intersections likely occurred due to lack of ship track resolution and the intersection of existing points to create a continuous shipping track.

Groupe Desgagnés and/or Woodward vessel tracks appeared to cross through the 2 km setback polygon at Marble Island on six occasions, and at the Coats Island setback polygon on six occasions (Figures 3.1-1 through 3.1-4). However, when examining the data, it appears that a vessel only entered the 2 km Marble Island buffer on one occasion, described below.

In all cases where track lines appeared to intersect the setbacks, the point locations were investigated further. From these 12 tracks, only one location point received from the satellite AIS was located within the setback polygons: on one occasion in August, the Miena Desgagnés appeared to be within the 2 km setback buffer around Marble Island. No other points were recorded within the Marble Island setback. The closest ship track point to the Coats Island setback was recorded by the Miena Desgagnés in October, 11.4 km from the setback polygon. Therefore, it is unlikely that the ship passed directly through the setbacks and that the intersections are due to lack of ship track resolution. Vessel captains will be reminded of the importance of maintaining a 2 km buffer around Marble Island prior to the start of the 2023 shipping season.

### 3.1.2 Mitigation Measures – Coats Island

The corridor between Southampton and Coats Islands has been identified by the community of Coral Harbour as an important breeding ground for walrus and marine birds, and as a potential migration route for marine mammals. Due to concerns that vessel traffic between Coats Island, Walrus Island (north of Coats Island) and Southampton Island may disturb these animals, vessels are required to transit south of Coats Island whenever the weather is safe to do so.

Of the 27 vessels servicing the Meadowbank and Meliadine mines in 2022, the majority (89%, 24 trips) travelled south of Coats Island. Vessels travelled north of Coats Island on the following three occasions (Figures 3.1-2 and 3.1-4):

1. On August 21, the Zelada Desgagnés was required to use the north passage due to high winds.
2. On October 6, the Miena Desgagnés was required to use the north passage due to high seas in Hudson Bay.
3. On October 13, the Claude Desgagnés was required to use the north passage due to high winds.

### 3.1.3 Mitigation Measures – Avoidance of Marine Mammals and Seabirds

Ships are required to follow mitigation measures outlined in Section 4.2 of the SMPs (Agnico Eagle 2022a, 2022b), summarized in Section 1.4 and Appendix A. In 2022, one incidental sighting of a polar bear triggered mitigation measures by the vessel on July 24. The animal was observed in the water swimming approximately 100 m from the vessel near Marble Island. As per the *Shipping Management Plans* (Agnico Eagle 2022a and 2022b) vessels are required to reduce speed and if possible, cautiously move away from the animal if a marine mammal approaches within 500 m of a ship. Therefore, in compliance with these guidelines, the vessel altered its course to increase the distance between the vessel and the polar bear. As a result, the vessel passed the polar bear approximately 200 m away. No other mitigation measures were reported in 2022. No incidents with marine mammals or seabirds were reported for the 2022 shipping season.

## 3.2 Marine Mammal Observations

### 3.2.1 Survey Effort

Surveys were conducted in 2022 by dedicated crew MMSOs between Hudson Strait and Rankin Inlet/Helicopter Island between July 4 and October 23 on board various Groupe Desgagnés and Woodward vessels. A total of 161 marine mammal surveys were conducted in 2022. However, of the 161 surveys, 22 (18 moving vessel surveys and four stationary surveys) were excluded from the analysis of survey effort due to missing start and/or end times, or missing start and/or end latitudes or longitudes. Therefore, a total of 139 marine mammal surveys (92 while the vessel was moving, and another 47 surveys while the vessel was stationary) were completed in 2022.

The 92 transects surveyed while the vessel was moving included a total spatial effort of 2,765.8 km of marine mammal transects over 109.3 hours (Table 3.2-1; Figure 3.2-1). An additional 56.6 hours of surveying was completed while the vessel was anchored. Of the 47 stationary surveys completed while the vessel was anchored, 35 were conducted within Chesterfield Inlet near Helicopter Island, and the remaining 11 were conducted in Rankin Inlet. One stationary survey was completed while the vessel was anchored at Ivujivik near Digges Islands. Appendix D summarizes all marine mammal surveys and sightings information.

**Table 3.2-1: Marine Mammal Survey Effort, 2017 to 2022**

Year of Survey	Moving Surveys			Stationary Surveys
	Number of Transects Surveyed	Total km Surveyed (Spatial Effort)	Total Time Surveyed (Temporal Effort; hr)	Total Time (hr) Anchored Vessel
2017	11	NA <sup>1</sup>	10.25	0.00
2018	31	1,155.7	29	0.00
2019	38	1,898.3	62.82	59.25
2020	58	2,354.7	112.33	92.5
2021	56	2,824.9	110.5	80.4
2022	92	2,765.8	109.3	56.6
<b>Total</b>	<b>286</b>	<b>8,644.7</b>	<b>434.2</b>	<b>288.75</b>

<sup>1</sup> Spatial data for the 2017 surveys are not available.

According to the observation datasheets completed by Groupe Desgagnés and Woodward, marine mammal observer effort in 2022 was similar to 2021 and 2020, all of which were greater than previous years (Table 3.2-1). In 2022, observer effort during transit was 109.3 hours and 2,765.8 km, and an

additional 56.6 hours of effort while the vessel was anchored, compared to 2021, when effort during transit was 110.5 hours and 2,824.9 km, and an additional 80.4 hours of effort while the vessel was anchored. In 2020, observer effort during transit was 112.3 hours and 2,354.7 km. A total of 92.5 hours of effort was conducted while anchored in 2020. In 2019, observer effort during transit was 62.8 hours and 1,8.3 km with 59.3 hours of stationary effort.

Datasheets with missing survey times, dates and/or GPS coordinates were not incorporated into the effort analysis. In 2022, there were 18 transects while the vessel was moving that were missing either a start or end time, or the GPS coordinates for the start or end location of the transect, and four stationary surveys that were missing start or end times (i.e., no temporal effort). Sightings during these surveys are reported as incidental observations (see Table 3.2.3).

### 3.2.1.1 Environmental Variables and Weather Conditions

The weather conditions (Figure 3.2-2a) for the 2022 marine mammal observation program were predominantly partly cloudy, cloudy, or clear (41%, 27%, and 19% of the survey effort, respectively). Rain and fog were present for a combined 9% of the survey time, while 4% of the survey effort lacks weather data. Average visibility extended to 11 km, with a maximum of 30 km and minimum of 1 km.

The sea state (Figure 3.2-2b) ranged from sea state 0 (calm) to sea state 6 (large waves with white foam crests); however, the sea state fell predominantly within states 0 (calm), 1 (ripples), and 2 (small wavelets all over; 20%, 22% and 20% of the survey effort, respectively). Large wavelets, few whitecaps (sea state 3) occurred 18% of the survey effort while sea state 4 (small waves, frequent whitecaps) occurred slightly more frequently (10% of survey effort). Sea state 5 (moderate waves, many whitecaps) and 6 (large waves and white foam crests) occurred rarely (8% and 1% of survey effort), and 1% of the survey effort lacked sea state data.

Glare conditions were generally favourable during surveys in 2022; however, one fifth (16%) of the 2022 marine mammal surveys proceeded with bright glare (Figure 3.2-2c). Glare was recorded as none and slight/grey 42% and 33% of the time respectively, and glare data is absent for 9% of the survey effort.

## 3.2.2 Marine Mammal Observations 2022

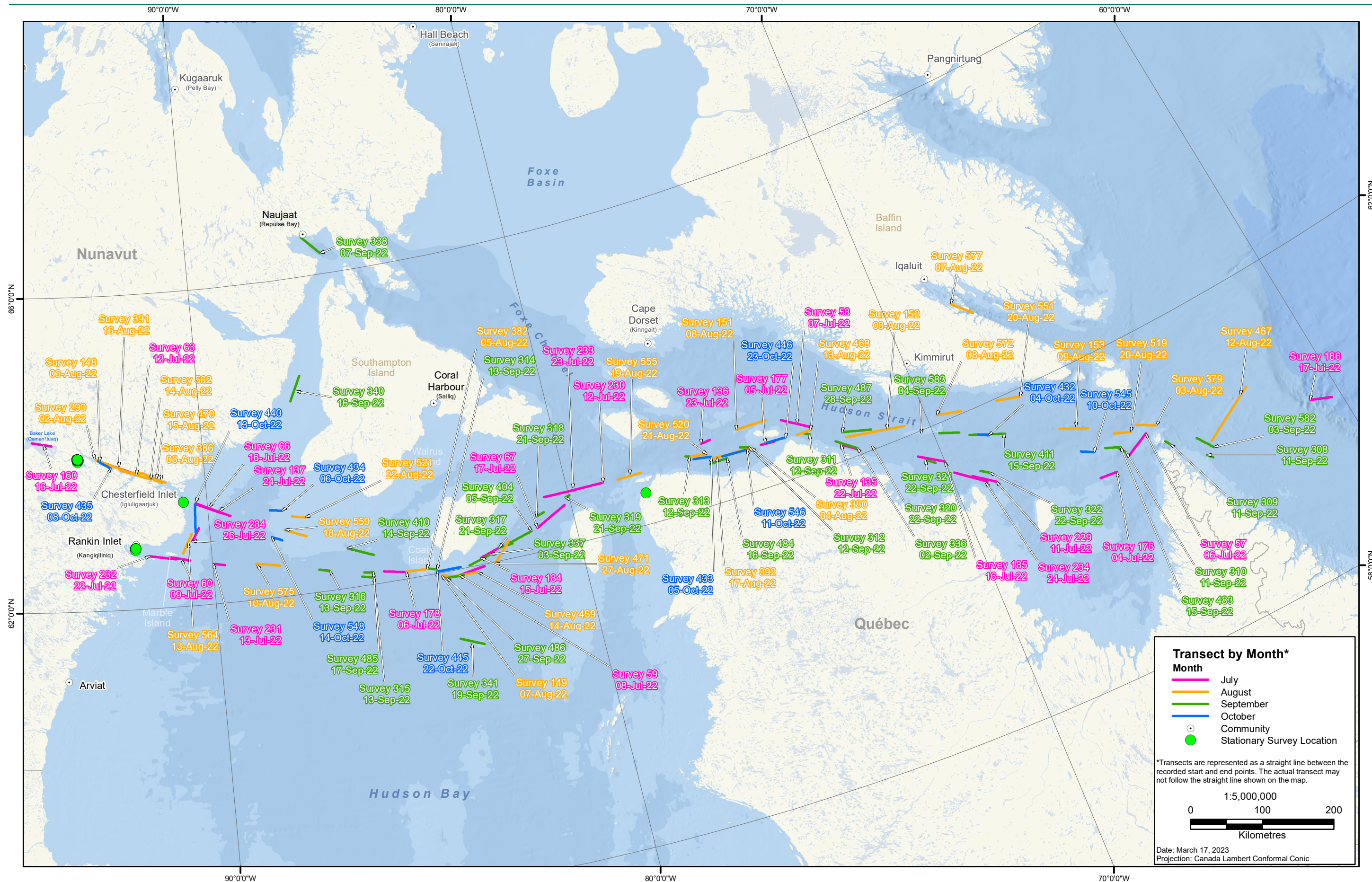
Marine mammals were observed during dedicated surveys and incidentally in 2022. Survey results, incidental sightings, and species descriptions are provided in the following sections.

### 3.2.2.1 Marine Mammal Observations during Surveys, 2022

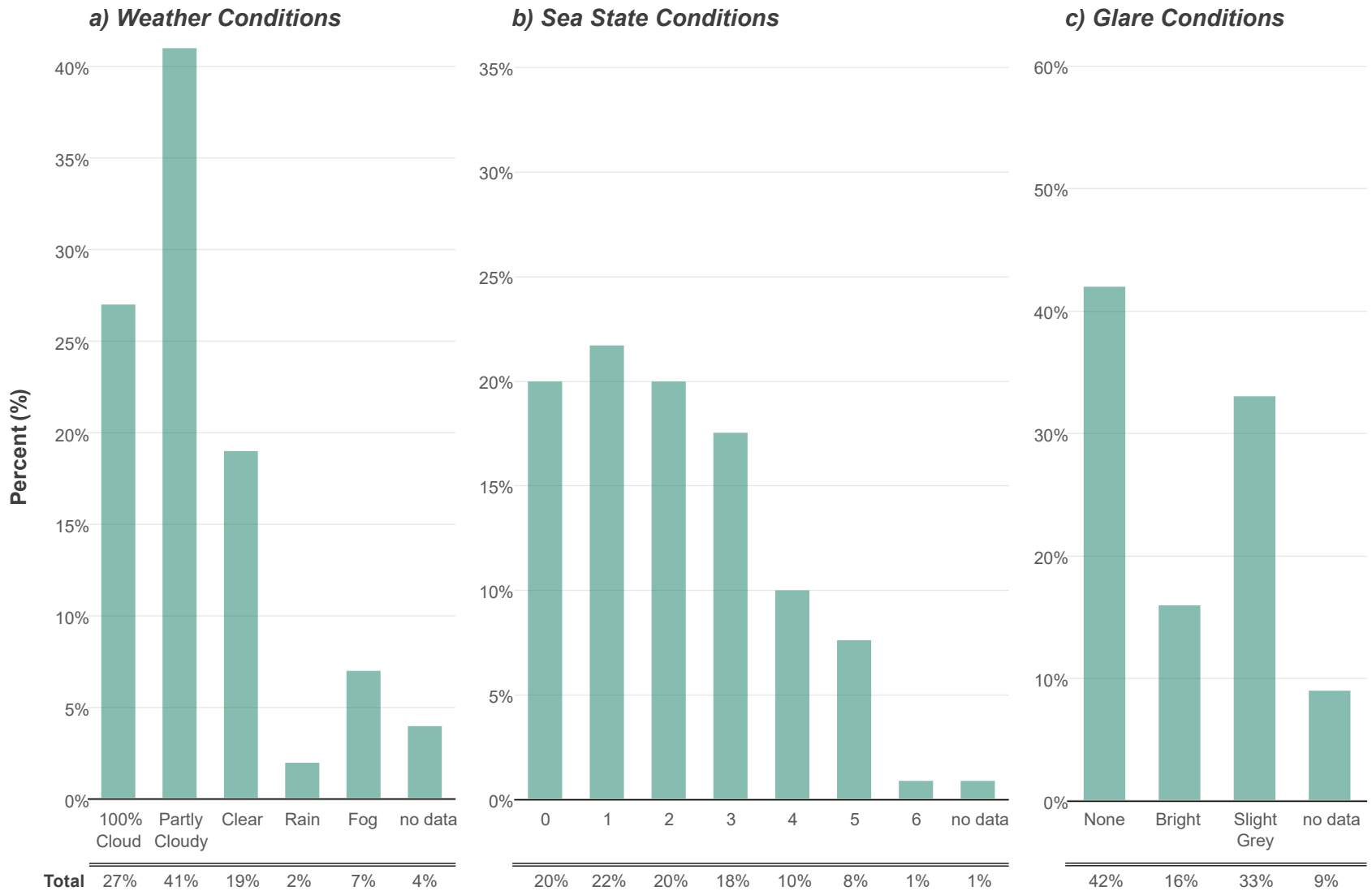
During dedicated marine mammal surveys, there was a total of 19 separate sightings of marine mammals (102 animals) by Groupe Desgagnés and Woodward during the MMSO Program in 2022. Three species of marine mammals and two unknown species were recorded during these surveys (Table 3.2-2; Figure 3.2-3). Species observed included Atlantic walrus (*Odobenus rosmarus rosmarus*), bearded seal (*Erignathus barbatus*), and fin whale (*Balaenoptera physalus*). In addition, there were 12 separate sightings of seals that were not identified to species, as well as a sighting of an unknown cetacean species that was observed “spraying”. This sighting has been categorized as an unknown whale species, as it was observed within Hudson Bay and is therefore unlikely to have been a dolphin.

The majority (89%) of sightings occurred in July (nine sightings) and August (eight sightings), and the most commonly observed species were unidentified seal species (11 separate sightings totalling 15 individuals) observed in July and August, and bearded seals (four separate sightings totalling 82 individuals) observed in July and August.





**Figure 3.2-1: Marine Mammal Survey Transects, July to October, 2022**



**Figure 3.2-2: Percent Weather, Sea State, and Glare Conditions During Marine Mammal Surveys Conducted in 2022**



**Table 3.2-2: Marine Mammal Observations during Surveys, July to September 2022**

Month	Species Observed	Number of Sightings	Number of Animals Observed
July	Unknown Seal	7	7
	Bearded Seal	2	80
August	Unknown Seal	4	8
	Bearded Seal	2	2
	Atlantic Walrus	1	1
	Unknown Whale	1	1
September	Fin Whale	1	2
	Unknown Seal	1	1
<b>Total</b>		<b>19</b>	<b>102</b>

### 3.2.2.2 Marine Mammals Observed Incidentally, 2022

Incidental observations of marine mammals are sightings of animals while on the vessel, but outside of the dedicated MMSO survey time (i.e., “off-effort” sightings). There were 13 incidental observations (59 animals) during 2022 (Table 3.2-3; Figure 3.2-4). Five species were observed incidentally including polar bear (*Ursus maritimus*), Atlantic walrus, harbour seal (*Phoca vitulina*), grey seal (*Halichoerus grypus*), and pilot whale (*Globicephala melas*). In addition, unknown seal species were observed on three separate occasions. Marine mammals were observed incidentally between July and September, 2022.

**Table 3.2-3: Incidental Observations of Marine Mammals, July to September 2022**

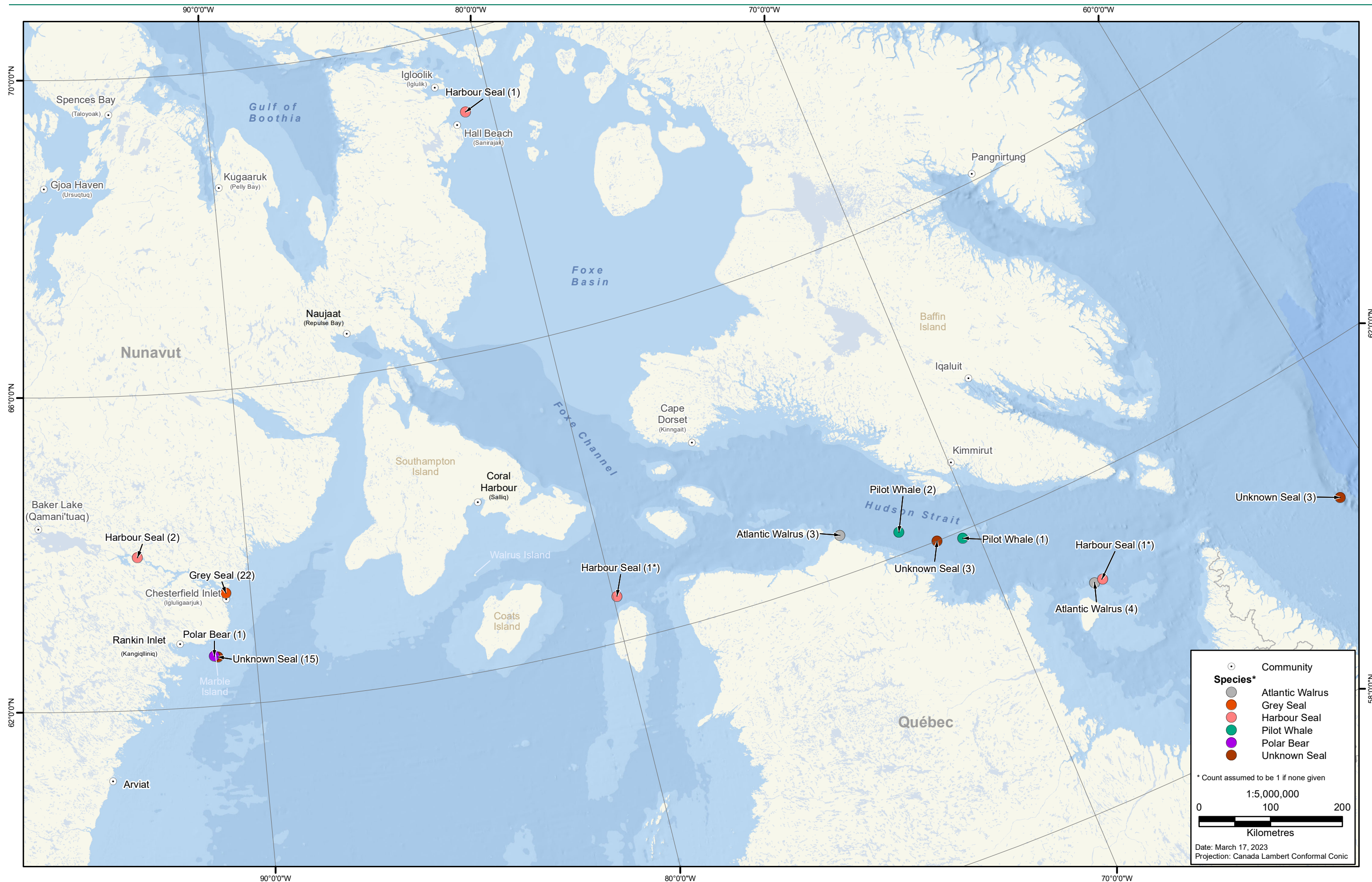
Month	Species Observed	Number of Sightings	Number of Animals Observed
July	Atlantic Walrus	2	7
	Polar Bear <sup>1</sup>	1	1
	Harbour Seal	2	2
	Unknown Seal	3	21
August	Grey Seal	1	22
	Pilot Whale <sup>2</sup>	2	3
September	Harbour Seal	2	3
<b>Total</b>		<b>13</b>	<b>59</b>

<sup>1</sup> Species listed on Schedule 1 of the federal Species at Risk Act (SARA).

<sup>2</sup> Species was identified as “pilot whale” – in the north Atlantic, this would be long-finned pilot whale. This species has not been observed before and is unlikely to occur in the study area, and therefore could be a misidentified species. However, recent studies show long-finned pilot whale sightings in Baffin Bay.







**Figure 3.2-4: Incidental Observations of Marine Mammals, July to September 2022**

### 3.2.2.3 Species Observed in 2022

A summary of the marine mammal sightings by the MMSOs in 2022 is provided in the following sections.

#### *Polar Bears*

One polar bear was observed incidentally (i.e., off-effort) on July 24, 2022. The animal was observed in the water swimming approximately 100 m from the vessel near Marble Island (Figure 3.2-4). As per the *Shipping Management Plans* (Agnico Eagle 2022a and 2022b), the vessel altered its course to increase the distance between the vessel and the polar bear. As a result, the vessel passed the polar bear approximately 200 m away (Section 3.1.3). Polar bears are listed as Special Concern on Schedule 1 of the federal *Species at Risk Act* (SARA).

#### *Long-finned Pilot Whale*

Two separate sightings of pilot whales (one group of two animals, one individual) were recorded on August 28, 2022. Both sightings were incidental observations. The first sighting occurred at 12:30pm, approximately 750 m from the vessel. Two animals were observed swimming in Hudson Strait. The second sighting occurred on the same day at 15:55, approximately 200 m from the vessel (Figure 3.2-3). This sighting was of a single animal swimming in Hudson Strait, approximately 90 km from the first sighting. This could have been a resighting of the same whale, given the proximity of the two sightings and the speed at which pilot whales can travel (approximately 35 km/hr).

Long-finned pilot whales are common in the north Atlantic, however are a rare sighting in the Arctic. This is the first time they have been recorded during MMSO surveys or incidentally for the Project. In the last 10 years, long-finned pilot whales have been recorded in Arctic waters. In 2012 and 2013, long-finned pilot whales were observed between July and October during surveys around Baffin Bay and Melville Bay (Froun-Mouy et al. 2017) and around Iceland between 2014 and 2020 (Selbmann et al. 2022).

#### *Fin Whale*

One group of two fin whales was reported on one occasion during dedicated marine mammal surveys on September 16, 2022, in Hudson Strait approximately 200 m from the vessel. Fin whales have a wide-ranging distribution in the north Atlantic up to Davis Strait. A fin whale was also recorded during MMSO surveys in 2019 and in 2021 in the eastern Hudson Strait at a similar location. Fin whales are listed as Special Concern on Schedule 1 of the federal *Species at Risk Act* (SARA).

#### *Seals*

A total of 24 separate sightings of seals were recorded in 2022: 16 separate occasions during dedicated marine mammal surveys (Figure 3.2-3) and eight separate incidental sightings (Figure 3.2-4). During dedicated surveys, bearded seals were observed on four occasions (total of 82 individuals), and there were 12 separate sightings of unknown seal species (16 individuals). Two large groups of bearded seals (50 animals and 30 animals) were observed in July near Chesterfield Inlet on July 16. It is possible that some of these animals were re-sightings, as the group of 30 animals was recorded approximately 16 km away from the first group two hours later, as bearded seals are capable of swimming 35 km/hr. Seals were most commonly observed in July (nine separate sightings of 87 individuals) but were observed between July and September (Table 3.2-2).

Seals were observed incidentally (i.e., off-effort) on an additional eight occasions in 2022 (Figure 3.2-4). Three separate sightings of unknown seal species occurred in July (21 individuals), four sightings of harbour seals, including two sightings in July (two animals) and two sightings in September (three animals), and one sighting of a group of 22 grey seals in August (Figure 3.2-4; Table 3.2-3).

One sighting of a seal was recorded as the animal being less than 100 m from the vessel. This was a sighting on July 17 of a seal species swimming in the water 50 m from the vessel. The seal was observed in the water and the vessel continued to travel without changing course. As a result, the seal continued to swim without responding to the vessel and no additional mitigation was required.

### *Atlantic Walrus*

A total of three separate sightings of Atlantic walrus were recorded in 2022. One Atlantic walrus was observed during dedicated MMSO surveys on August 20, 2022, on the ice south of Saddleback Island near the northern coastline of Hudson Strait (Figure 3.2-3). No additional information regarding this sighting was recorded. Two additional walrus groups were observed incidentally (i.e., off-effort) in 2022: one group of three individuals was observed swimming very close to each other in Hudson Strait east of Charles Island on July 5, and one group of four individuals was observed resting on ice north of Akpatok Island in Hudson Strait on July 13. The group of three individuals observed swimming on July 5 was observed 30 m from the vessel. The vessel did not change course to ensure the walrus were not disturbed by the vessel, and as a result, the walrus continued to swim by the vessel.

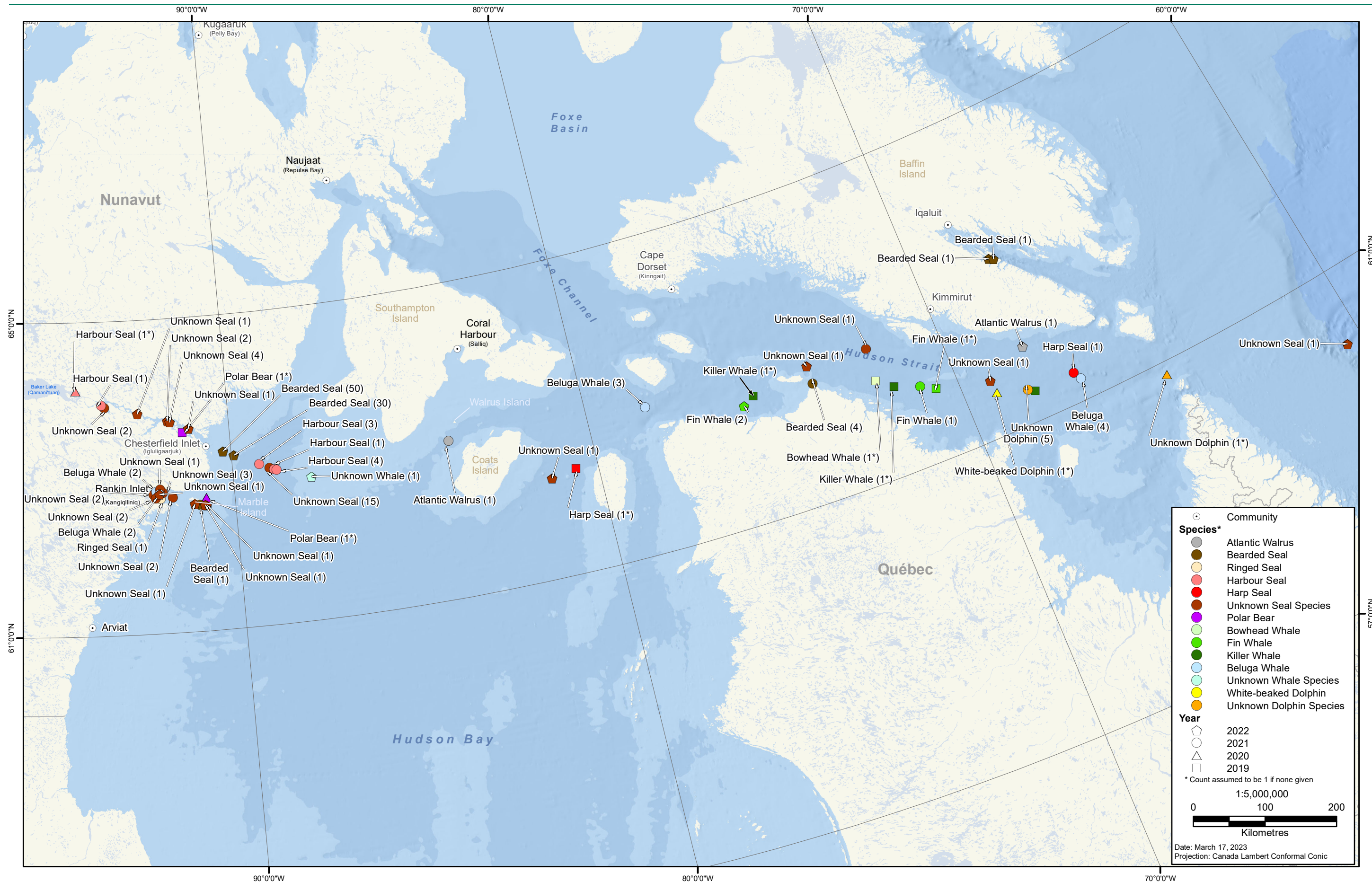
### **3.2.3 Marine Mammal Observations 2017 to 2022**

Marine mammals have been observed during surveys and incidentally between 2017 and 2022 (Figures 3.2-5 and 3.2-6). A total of seven different species were identified along the shipping route in 2022, and an additional two unknown species (unknown whale species and unknown seal species). This is a similar number to previous years. In 2021, 13 species were identified, in 2020 and 2019 five species were recorded, and there were no recorded observations of marine mammals during surveys in 2018 or 2017; however, marine mammals were observed incidentally (off-effort) in 2017 (Table 3.2-4). Since 2017, the number of marine mammal individuals observed has increased (Figure 3.2-7), while the diversity of species (i.e., number of different species observed) has fluctuated (Figure 3.2-7), with the highest diversity observed in 2021 (13 species, excluding unknowns) and 2022 (seven species, excluding unknowns).

Species observed in previous years are summarized in Table 3.2-4. Sightings during 2021 included white-beaked dolphin, white-sided dolphin, blue whale, minke whale, beluga whale, fin whale, killer whale, walrus, polar bears and seals. Sightings during surveys in 2020 included white-beaked dolphins, walrus, polar bears, and seals. Sightings during surveys in 2019 included bowhead whale (*Balaena mysticetus*; one sighting of three to four individuals), fin whale (one sighting of one individual), harp seal (one sighting of four individuals), killer whale (three sightings totaling eight individuals), and polar bear (one sighting of one individual; Table 3.2-4). All sightings of whales in 2019 were within Hudson Strait (Figure 3.2-5). No unidentified marine mammals were recorded during the 2019 MMSO program.

In 2017, marine mammals were only observed incidentally (i.e., off-effort), and no marine mammals were observed during dedicated surveys. The marine mammals observed incidentally in 2017 included walrus (three sightings of three, two, and one individual), harp seal (one sighting of one individual), and unidentified seal species (two sightings of one individual each; Table 3.2-4). The walrus were observed near Marble Island and near Charles Island in Hudson Strait (Figure 3.2-6).





**Figure 3.2-5: Marine Mammals Observed during MMSO Surveys, 2019 to 2022**







**Table 3.2-4: Number<sup>1</sup> of Marine Mammals Observed during Surveys and Incidentally<sup>2</sup> between 2017 and 2022<sup>3</sup>**

Species	2017	2019	2020	2021	2022	Total
Bowhead whale	-	3	-	-	-	3
Fin whale <sup>4</sup>	-	1	-	1	2	4
Killer whale	-	8	-	6	-	14
White-beaked dolphin	-	-	15	12	-	27
Unknown dolphin species	-	-	15	5	-	20
Harp seal	-	4	-	2	-	6
Harbour seal	-	-	1	9	5	15
Ringed seal	1	-	-	1	-	2
Unknown seal	2	-	4	29	37	72
Atlantic Walrus	6	-	4	10	8	28
Polar bear <sup>4</sup>	-	1	8	3	1	13
Blue whale <sup>4,5</sup>	-	-	-	2	-	2
Minke whale	-	-	-	1	-	1
White-sided dolphin	-	-	-	24	-	24
Long-finned Pilot Whale	-	-	-	-	3	3
Beluga whale	-	-	-	11	-	11
Unknown Whale	-	-	-	-	1	1
Grey Seal	-	-	-	-	22	22
Bearded seal	-	-	-	6	82	88
<b>Total</b>	<b>9</b>	<b>17</b>	<b>47</b>	<b>122</b>	<b>161</b>	<b>356</b>

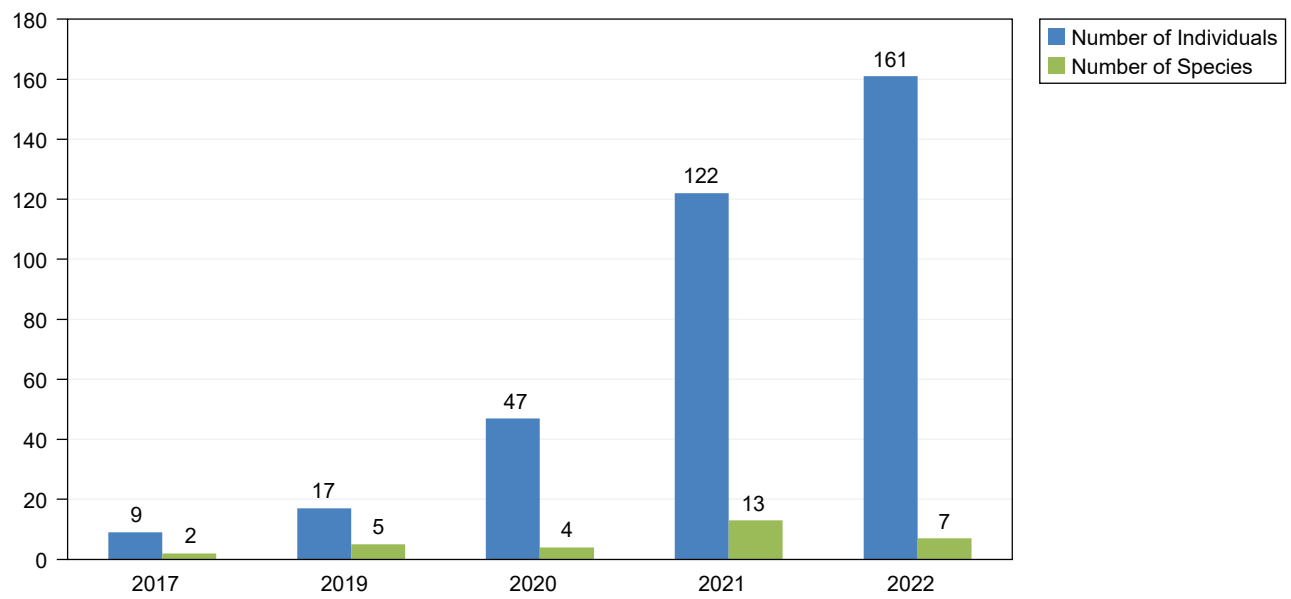
<sup>1</sup> Numbers are given as individuals observed not number of separate sightings.

<sup>2</sup> Marine mammals observed both during dedicated surveys and off-effort are included in the table. Note that all sightings in 2017 were incidental, in 2019 were during dedicated surveys, and during 2020 through 2022 were both during surveys and incidental.

<sup>3</sup> No sightings were recorded in 2018.

<sup>4</sup> Species listed on Schedule 1 of the federal Species at Risk Act (SARA).

<sup>5</sup> It is possible that the blue whale sighting was not identified properly while on the vessel, as it would be a rare occurrence for a blue whale to be recorded in Hudson Bay.



**Figure 3.2-7: Number of Marine Mammal Individuals and Number of Species Observed, 2017 to 2022**

### 3.3 Seabird Observations

#### 3.3.1 Survey Effort

Seabird surveys have been conducted since 2018. Surveys were conducted in 2022 by dedicated MMSOs between Hudson Straight and Rankin Inlet/Helicopter Island between July 4 and November 10 on board various Groupe Desgagnés and Woodward vessels. In 2022, 163 transects with known distance effort were surveyed while the vessel was moving, with 10,423 km of seabird survey distance recorded over 98 hours (Table 3.3-1; Figure 3.3-1). An additional 19 hours of stationary surveys were conducted while the vessel was anchored (Table 3.3-2).

Some surveys did not have effort recorded; surveys without spatial effort did not have location coordinates recorded at the start and/or end of the surveys, while surveys without temporal effort did not have the start and/or end times recorded. Surveys without spatial effort were not used for analysis (Table 3.3-1). Appendix E summarizes all seabird surveys and Appendix F summarizes all seabird sightings.

Spatial effort for moving surveys increased with each survey year, with 2022 having the highest spatial effort (Table 3.3-1). Spatial effort in 2022 was nearly one and a half times the effort of 2021, and more than triple the effort of earlier years of surveying (Table 3.3-1). Contrary to spatial effort, 2022 had the lowest temporal effort for moving surveys. The change in temporal effort is likely attributed to the change in survey methods in 2022, which involved successful implementation of six short consecutive survey periods opposed to one long survey period. Additionally, low temporal effort may be due to vessels moving faster, covering more distance during a survey.

Stationary vessel surveys were conducted in similar numbers as recent years, however 70% of surveys did not have a time recorded (105 surveys with no effort; Table 3.3-2). The number of stationary vessel surveys with effort in 2022 were roughly 60% lower than 2020 and 2021 (Table 3.3-2).

##### 3.3.1.1 Environmental Variables and Weather Conditions during Surveys

Key environmental variables that have the potential to impact seabird detection were plotted for visual assessments of trends in detection (Figure 3.3-2). Detections varied across weather conditions and years without clear trends in most cases; this indicates that detectability was not greatly affected by variable weather conditions. Detections appear lower in some severe adverse weather, including snow, gale force winds, and very rough sea states (Figure 3.3-2). However, there were relatively few surveys conducted in these adverse conditions, making trends difficult to determine; these observations only represent a handful of the thousands of detections recorded across all years of surveys, so it is unlikely that the overall detection estimates are impacted by weather variables. Models were created without covariates like weather variables due to low sample sizes restricting model fit. However, visual assessment indicates this omission is not likely impacting model results.

#### 3.3.2 Moving Vessel Seabird Observations 2018 to 2022

Analyses included only on-transect sightings and did not use re-sightings of the same birds. Table 3.3-3 summarizes samples sizes for surveys, detections (groups) and individuals (total number of birds). The average number of detections and the average number of individuals per detection varies across years and survey type (stationary/ moving). The number of seabird detections during moving vessel surveys was highest in 2022 compared to other years ( $n = 535$ ; Table 3.3-3). However, the average number of individuals per detection in 2022 was 60% lower than 2019 through 2021, but comparable to detections in 2018. This indicates that seabirds were recorded in much smaller group sizes in 2022.

**Table 3.3-1: Temporal and Spatial Effort for Moving Vessel Seabird Surveys, 2018 to 2022**

Year	Temporal Effort			Spatial Effort		
	Effort (hr)	No. of Transects with Effort	No. of Transects with No Effort <sup>1</sup>	Effort (km)	No. of Transects with Effort	No. of Transects with No Effort <sup>2</sup>
2018	139.87	72	7	407.1	33	46
2019	119.85	87	4	2,290.8	79	12
2020	111.88	84	14	3,614.8	79	20
2021	173.87	173	24	7,176.7	170	27
2022	98.47	182	46	10,423.3	163	65

<sup>1</sup> Surveys without distance effort did not have location coordinates recorded at the start and/or end of the surveys.

<sup>2</sup> Surveys without temporal effort did not have the start and/or end times recorded.

**Table 3.3-2: Temporal Effort for Stationary Seabird Surveys, 2018 to 2022**

Year	Effort (hr)	No. of Points with Effort	No. of Points with No Effort <sup>1</sup>
2018	18.75	5*	0
2019	19.82	15	27
2020	152.00	104	40
2021	152.37	111	3
2022	19.65	41	105

\* Surveys in 2018 did not include locations; therefore, these observations were not used in analysis.

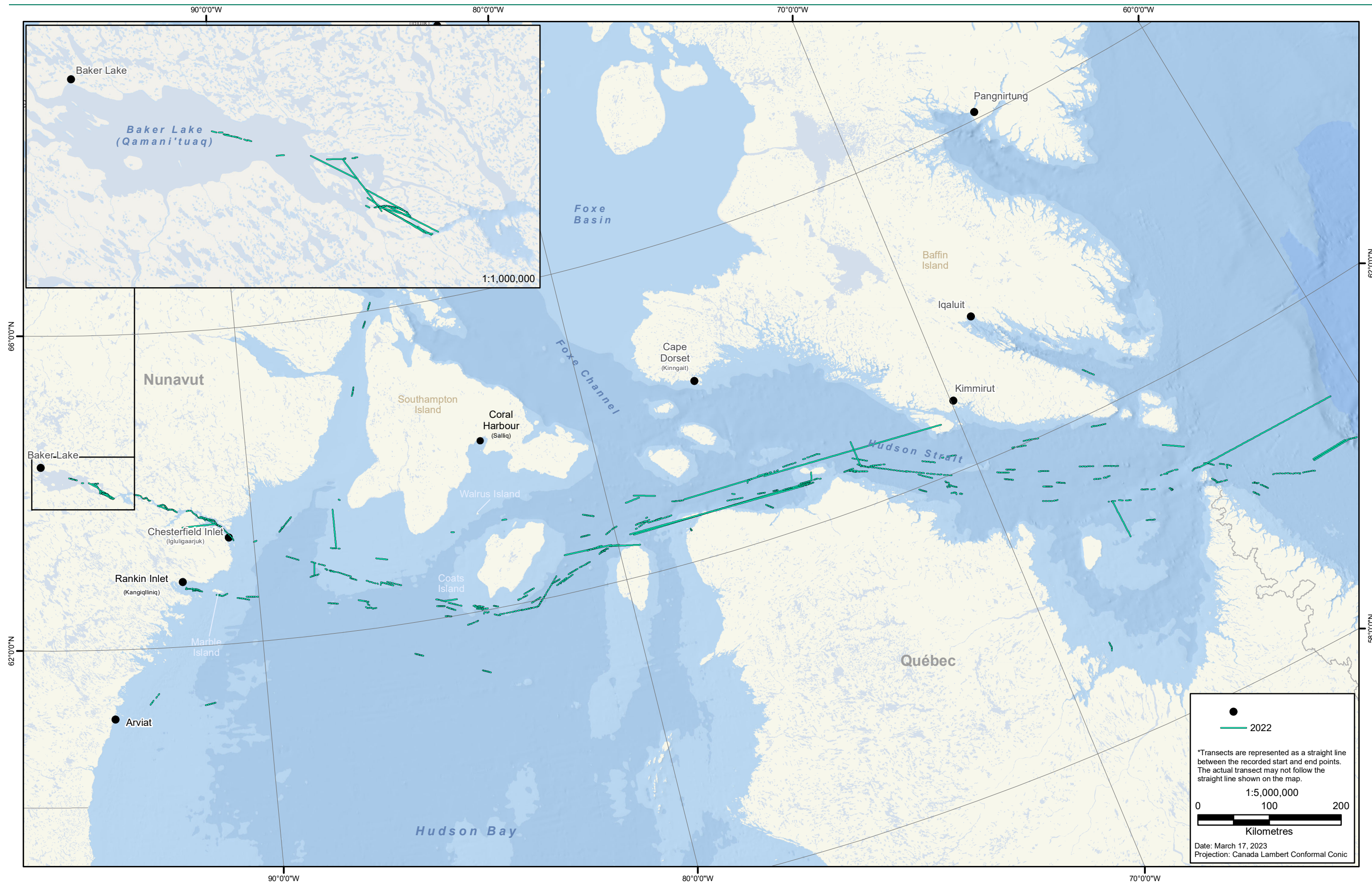
<sup>1</sup> Surveys with No Effort did not have start and/or end times recorded.

**Table 3.3-3: Seabird Survey Sample Sizes for Moving Vessel and Stationary Surveys, 2018 to 2022**

Year	Moving Vessel Surveys				Stationary Vessel Surveys			
	Transects	Detections	Individuals	Avg. Indiv/ Detection	Points	Detections	Individuals	Avg. Indiv/ Detection
2018	33	150	574	3.82	5	0*	0*	-
2019	79	271	1,639	6.04	42	22	24	1.09
2020	79	116	683	5.89	144	103	536	5.20
2021	170	459	2,850	6.21	115	145	1,268	8.74
2022	163	535	2,006	3.75	142	131	764	5.83

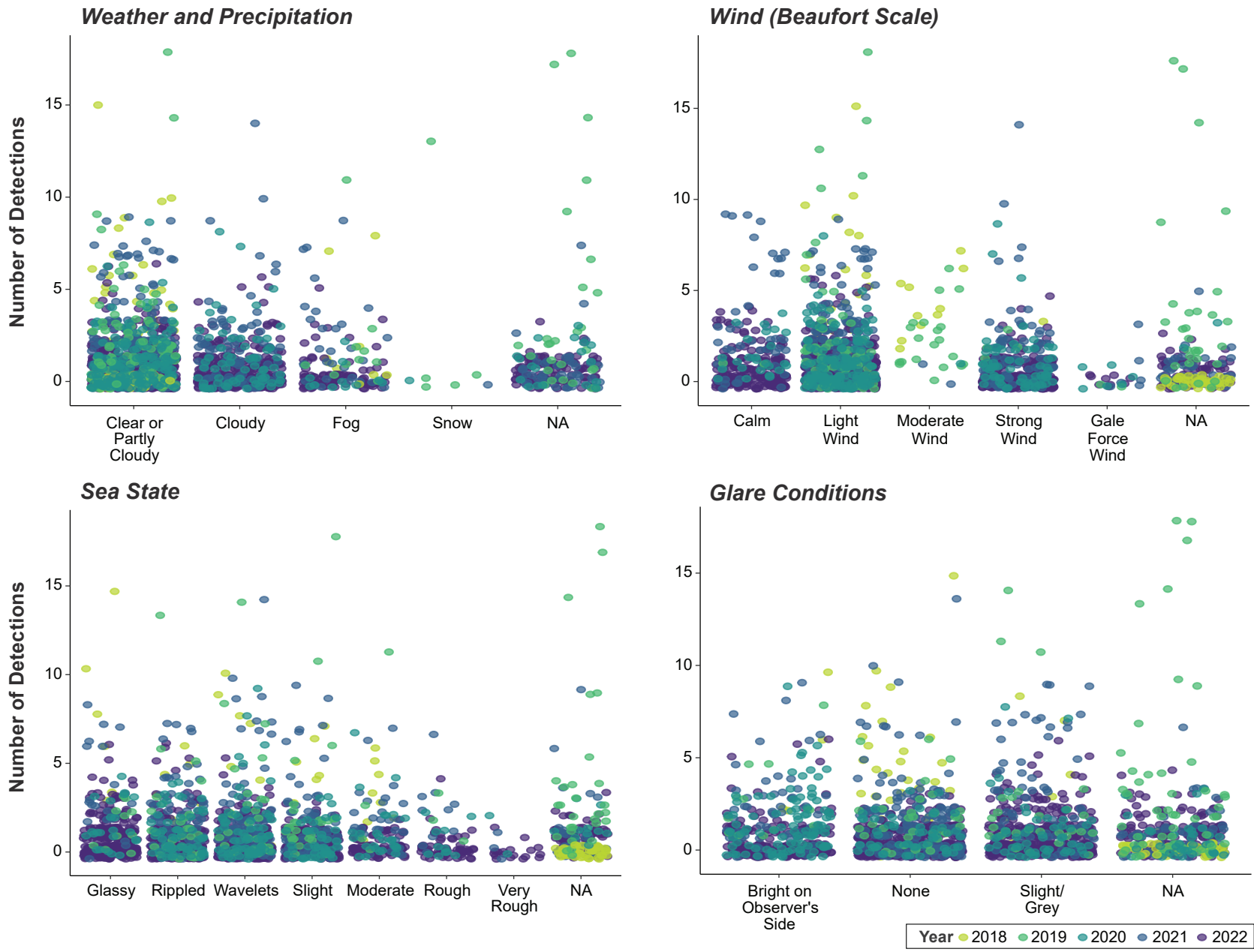
\* Locations were not given for 2018 stationary vessel data. Therefore, these observations were not used in analysis.





**Figure 3.3-1: Moving Transect Seabird Survey Effort, 2022**





**Figure 3.3-2: Weather Variables Summarized by Seabird Detections**

### 3.3.2.1 Species Present

Compared to previous yearly sightings, the 2022 survey year had the second highest number of individuals birds recorded, with a total of 2,328 individual birds belonging to 27 known species and five unknown species (Table 3.3-4). Across all five years of surveys between 2018 and 2022, 8,624 individual birds belonging to 38 known species and nine unknown species have been recorded during moving vessel surveys (Table 3.3-4; Figure 3.3-3).

There were no new species recorded in 2022 during moving vessel surveys. The most common species recorded in 2022 were northern fulmar ( $n = 678$ ), razorbill ( $n = 235$ ), herring gull ( $n = 178$ ), and common murre ( $n = 161$ ). For the second year, common murre were reported in large numbers; while they can occur in the eastern portion of the shipping zone near Newfoundland, they are not common through the majority of the survey area. It is possible that identifications of common murre were actually thick-billed murre, which occur throughout the survey area. Across all years, thick-billed murre and northern fulmar are consistently among the most commonly recorded species. Potential mis-identifications of species which are out of range have occurred in previous years, but typically in low numbers, such as records of great cormorant and great shearwater (Table 3.3-4).

### 3.3.2.2 Distance Analysis: Seabird Detection and Density Estimates

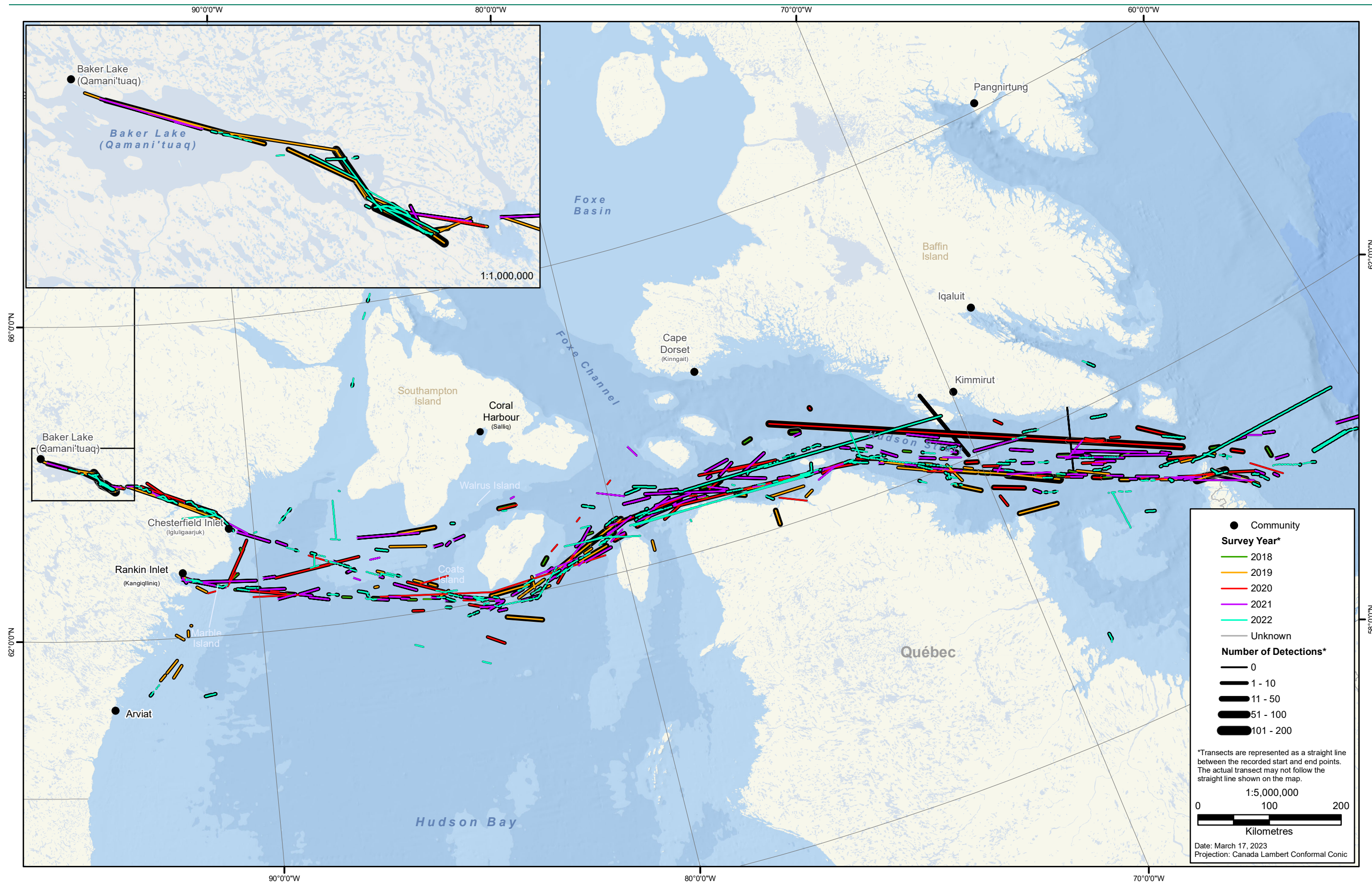
Distance analysis was conducted for moving vessel surveys in each year between 2019 and 2022 and all years combined (2018 to 2022). No distance model was fit independently for 2018 due to a low number of surveys.

As described in the methods, seabird observations were analyzed using distance analysis, which accounts for the fact that animals are easier to see when they are closer to the observer. The first step in this analysis is to examine whether the detectability curve (the change in detectability with distance from observer) and the detection estimate (probability of detecting a bird within the 300 m survey area) is the same between years.

Model fitting was mostly consistent across years, indicating that the detectability curve was the same between years of the study (according to AIC rankings and detectability estimates; Appendix G). The best model fits in all years were hazard rate functions, which means that detection remains high at closer distances (i.e., birds are just as likely to be detected within 100 m of an observer) but drops off steeply as distance increases. Detectability estimates were also consistent between years, ranging from 0.337 in 2020 to 0.500 in 2022 (Table 3.3-5). A higher detection estimate indicates that seabirds are more likely to be seen and recorded, even if they are a greater distance away from the ship/observer. The detectability estimate itself is not a key result, but consistency in estimates indicates that data are similar across years. In 2022, the standard error of the detectability estimate was much higher (0.25 compared to 0.021-0.056 in other years; Appendix G). The higher standard error is likely due to the volume of survey intervals with no observations in 2022, given that data were split into five-minute survey windows rather than broader 30-minute surveys. A larger volume of short surveys with fewer observations per survey may have altered the variability in the survey data, which is reflected in the higher standard error estimate.

The second part of distance sampling is to estimate the density, in this case the density of seabirds, accounting for the lower detectability with greater distance. Predicted seabird densities varied across years, with the highest density predicted in 2019 (1.879 birds/ km<sup>2</sup>), which was nearly four times higher than the lowest predicted density in 2022 (0.473 birds/ km<sup>2</sup>; Table 3.3-5). The differences in estimated density are a reflection of variability in the effort and number of birds detected between years. The spatial effort of surveys in 2022 was higher than all previous years, but the number of seabirds recorded was similar to recent years (see Tables 3.3-1 and 3.3-3), which translates to a much lower estimated seabird density in 2022.





**Figure 3.3-3: Seabird Detections during Moving Vessel Surveys, 2018 to 2022**

**Table 3.3-4: Bird Species Recorded during Moving Vessel Seabird Surveys, 2018 to 2022**

Species	Scientific Name	2018-2019	2020	2021	2022	Total
Arctic Tern	<i>Sterna paradisaea</i>	0	0	5	0	5
Bald Eagle	<i>Haliaeetus leucocephalus</i>	2	0	1	1	4
Black-legged Kittiwake	<i>Rissa tridactyla</i>	12	3	0	0	15
Black Guillemot	<i>Cepphus grylle</i>	151	0	6	61	218
Black Scoter	<i>Melanitta americana</i>	4	2	4	2	12
Cackling/Canada Goose	<i>Branta hutchinsii/ canadensis</i>	100	0	15	8	123
Common Eider	<i>Somateria mollissima</i>	16	81	76	5	178
Common Loon	<i>Gavia immer</i>	33	2	10	5	50
Common Murre	<i>Uria aalge</i>	40	3	538	161	742
Dovekie	<i>Alle alle</i>	103	19	87	41	250
Glaucous Gull	<i>Larus hyperboreus</i>	175	33	77	15	300
Great Cormorant	<i>Phalacrocorax carbo</i>	0	8	1	2	11
Great Shearwater	<i>Puffinus gravis</i>	0	1	0	1	2
Great Skua	<i>Stercorarius skua</i>	0	48	1	2	51
Harlequin Duck <sup>1</sup>	<i>Histrionicus histrionicus</i>	10	0	0	0	10
Herring Gull	<i>Larus argentatus</i>	288	73	111	178	650
Iceland Gull	<i>Larus glaucoides</i>	78	4	30	3	115
Ivory Gull <sup>2</sup>	<i>Pagophila eburnea</i>	2	0	0	0	2
Leach's Storm-petrel	<i>Oceanodroma leucorhoa</i>	8	0	16	5	29
Least Sandpiper	<i>Calidris minutilla</i>	5	1	0	0	6
Long-tailed Duck	<i>Clangula hyemalis</i>	7	0	14	7	28
Long-tailed Jaeger	<i>Stercorarius longicaudus</i>	7	0	1	5	13
Manx Shearwater	<i>Puffinus puffinus</i>	3	0	122	6	131
Northern Fulmar	<i>Fulmarus glacialis</i>	196	300	391	678	1565
Parasitic Jaeger	<i>Stercorarius parasiticus</i>	0	14	25	7	46
Peregrine Falcon	<i>Falco peregrinus</i>	3	1	3	0	7
Pomarine Jaeger	<i>Stercorarius pomarinus</i>	8	48	1	24	81
Razorbill	<i>Alca torda</i>	0	2	63	235	300
Red-breasted Merganser	<i>Mergus serrator</i>	0	2	5	4	11
Ruddy Turnstone	<i>Arenaria interpres</i>	1	0	0	0	1
Sabine's Gull	<i>Xema sabini</i>	4	5	0	0	9
Snow Goose	<i>Chen caerulescens</i>	542	10	1	32	585
Snowy Owl	<i>Bubo scandiacus</i>	1	0	7	0	8
Sooty Shearwater	<i>Ardenna grisea</i>	0	2	9	15	26

Species	Scientific Name	2018-2019	2020	2021	2022	Total
Thayer's Gull	<i>Larus thayeri</i>	5	1	0	0	6
Thick-billed Murre	<i>Uria lomvia</i>	369	90	800	84	1,343
White-winged Scoter	<i>Melanitta deglandi</i>	0	5	3	0	8
Wilson's Storm-petrel	<i>Oceanites oceanicus</i>	31	0	23	4	58
Unknown Bird		87	0	101	2	190
Unknown Duck		103	3	73	40	219
Unknown Falcon		1	2	2	0	5
Unknown Goose		0	0	6	1	7
Unknown Gull		82	152	108	234	576
Unknown Hawk		2	0	1	0	3
Unknown Jaeger		3	0	0	0	3
Unknown Murre		0	43	113	460	616
Unknown Sandpiper		6	0	0	0	6
<b>Total</b>		<b>2,488</b>	<b>958</b>	<b>2,850</b>	<b>2,328</b>	<b>8,624</b>

<sup>1</sup> Species listed as Special Concern on Schedule 1 of the federal Species at Risk Act (SARA).

<sup>2</sup> Species listed as Endangered on Schedule 1 of the federal Species at Risk Act (SARA).

**Table 3.3-5: Detection and Density Estimates by Year (2019 to 2022) during Moving Vessel Surveys**

Year	Detection Estimate	Detections 95% CIs <sup>1</sup>	Density (birds/ km <sup>2</sup> )	Density 95% CIs <sup>1</sup>
All Years	0.419	0.374 – 0.465	0.917	0.822 – 1.022
2019	0.426	0.316- 0.537	1.879	0.421- 3.170
2020	0.337	0.272- 0.402	0.701	0.421- 1.169
2021	0.425	0.385- 0.465	1.072	0.509- 2.261
2022	0.500	0.450 – 0.551	0.473	0.427 – 0.523

<sup>1</sup> Confidence Intervals (CIs). Values indicate the range in which 95% of samples fall.

Variability in the number of birds detected is driven by several elements, including random occurrence of large flocks (e.g., 100 to 200 birds), observer experience, local habitat variation near islands or channels, and time of day. These are differences in the number of birds encountered/recorded, rather than true differences in regional bird abundance. Therefore, the density estimate for all years of data together is likely the most accurate.



### 3.3.3 Stationary Vessel Seabird Observations 2019 to 2022

#### 3.3.3.1 Species Present

A total of 2,592 individuals from 29 known species and eight unknown species were recorded during stationary vessel surveys from 2019 to 2022 (Table 3.3-6, Figure 3.3-4). Nearly 50% of records were from 2021 (n = 1,268 individuals), and the remaining records were almost all from 2022 (n = 764) and 2020 (n = 536). In 2022, several species were recorded for the first time during stationary surveys, including dovekie, long-tailed duck, and parasitic jaeger; however, all were species that have been previously recorded during the moving vessel surveys (Table 3.3-6). The most common species recorded in 2022 were unknown gull (n = 206), snow goose (n = 182), and cackling/Canada goose (n = 90; Table 3.3-6). Snow goose was also among the most common species recorded in 2020 and 2021. Geese are likely recorded more frequently in stationary vessel surveys because many of these occur near shores, opposed to moving vessel surveys which happen throughout the open water areas.

**Table 3.3-6: Bird Species Recorded during Stationary Vessel Seabird Surveys, 2019 to 2022**

Species	Scientific Name	2019	2020	2021	2022	Total
American Crow	<i>Corvus brachyrhynchos</i>	0	1	0	0	1
Arctic Tern	<i>Sterna paradisaea</i>	0	1	0	0	1
Black-legged Kittiwake	<i>Rissa tridactyla</i>	0	8	0	0	8
Black Guillemot	<i>Cephus grylle</i>	1	4	17	48	70
Black Scoter	<i>Melanitta Americana</i>	2	0	9	8	19
Cackling/Canada Goose	<i>Branta hutchinsii/ canadensis</i>	0	25	447	90	562
Common Eider	<i>Somateria mollissima</i>	0	8	3	11	22
Common Loon	<i>Gavia immer</i>	0	0	2	2	4
Common Murre	<i>Uria aalge</i>	0	0	20	2	22
Dovkie	<i>Alle alle</i>	0	0	0	17	17
Glaucous Gull	<i>Larus hyperboreus</i>	4	18	6	16	44
Great Cormorant	<i>Phalacrocorax carbo</i>	0	0	1	0	1
Great Skua	<i>Stercorarius skua</i>	0	0	2	0	2
Herring Gull	<i>Larus argentatus</i>	6	64	41	64	175
Iceland Gull	<i>Larus glaucoides</i>	0	0	2	19	21
Leach's Storm-petrel	<i>Oceanodroma leucorhoa</i>	0	1	1	0	2
Long-tailed Duck	<i>Clangula hyemalis</i>	0	0	0	2	2
Northern Fulmar	<i>Fulmarus glacialis</i>	2	170	147	45	364
Parasitic Jaeger	<i>Stercorarius parasiticus</i>	0	0	0	1	1
Peregrine Falcon	<i>Falco peregrinus</i>	3	5	0	0	8
Pomarine Jaeger	<i>Stercorarius pomarinus</i>	1	4	5	1	11
Razorbill	<i>Alca torda</i>	0	3	0	7	10
Red-breasted Merganser	<i>Mergus serrator</i>	0	0	1	1	2
Sandhill Crane	<i>Grus canadensis</i>	0	1	0	0	1

Species	Scientific Name	2019	2020	2021	2022	Total
Snow Goose	<i>Chen caerulescens</i>	0	176	419	182	777
Snowy Owl	<i>Bubo scandiacus</i>	0	1	0	0	1
Thick-billed Murre	<i>Uria lomvia</i>	0	17	0	3	17
White-winged Scoter	<i>Melanitta deglandi</i>	0	2	0	0	2
Wilson's Storm-petrel	<i>Oceanites oceanicus</i>	0	0	2	0	2
Unknown Bird		1	0	35	0	36
Unknown Duck		0	0	48	23	71
Unknown Falcon		0	2	0	0	2
Unknown Goose		0	0	0	7	7
Unknown Gull		4	17	59	206	286
Unknown Hawk		0	0	1	0	1
Unknown Murre		0	6	0	9	6
Unknown Sandpiper		0	2	0	0	2
<b>Total</b>		<b>24</b>	<b>536</b>	<b>1,268</b>	<b>764</b>	<b>2,592</b>

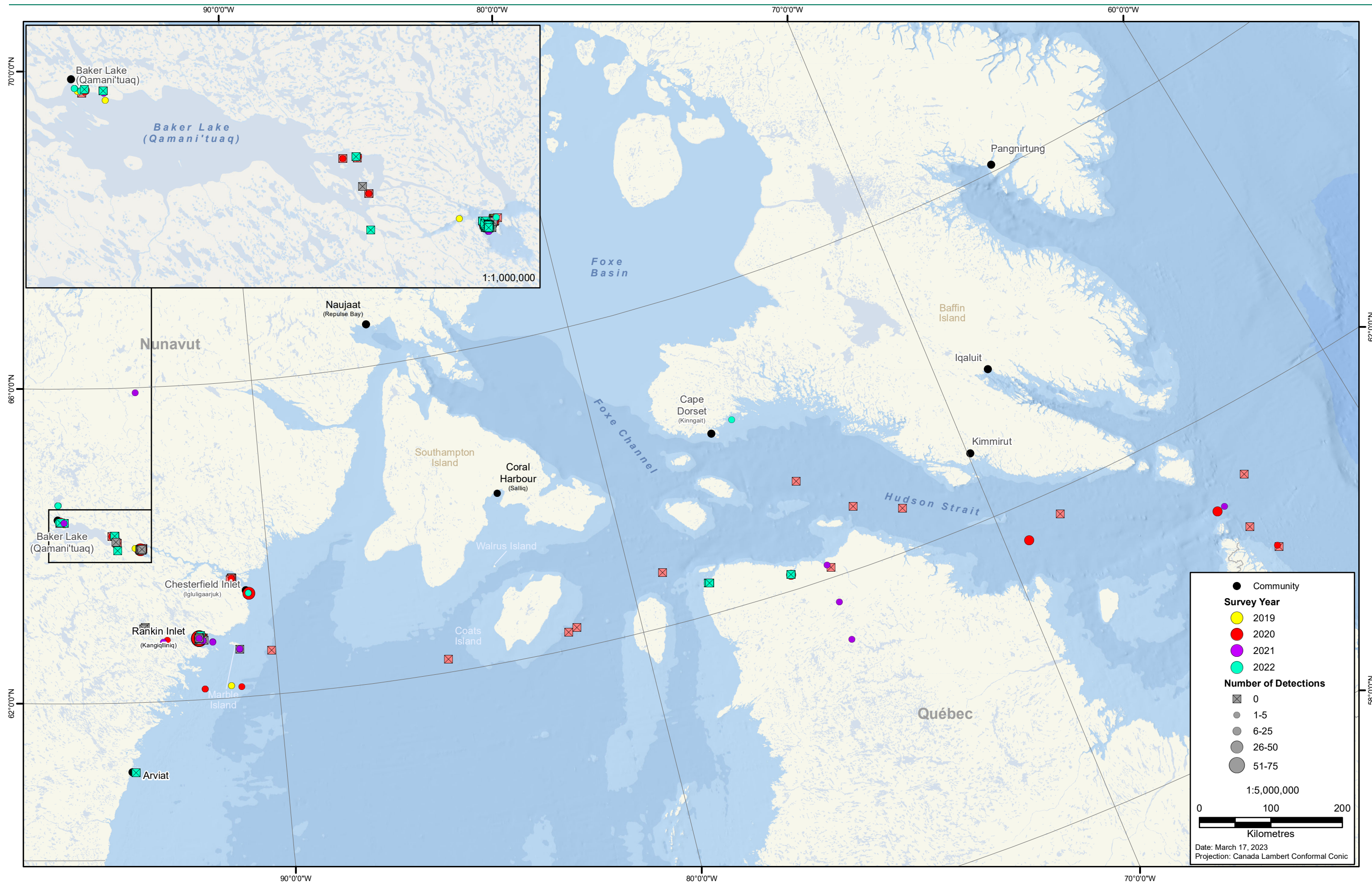
### 3.3.3.2 Distance Analysis: Seabird Detection Estimate

Stationary vessel surveys had lower sample sizes and, therefore, limited model fitting capabilities. Distance models were run for 2020, 2021, 2022 and for all years combined (2019 through 2022), though very little data were collected in 2019.

Only detection estimates were calculated for stationary vessel surveys. Density estimates could not be calculated because stationary effort requires repeated surveys at the same locations. While several of the stationary vessel surveys were conducted at anchor in Rankin Inlet, the sample size is currently too small for modelling. However, with additional sampling modelling for a density function may be possible in future years.

Detection estimates indicate the relative likelihood that a seabird will be detected within the survey area if it is there, taking into account the lower detectability when birds are farther away from the observer. A higher detection estimate indicates that seabirds are more likely to be seen and recorded, even if they are a greater distance away from the ship/observer.

The three key model selections were fit to estimate how quickly detectability changes with distance from the observer. Of the three model selection functions, hazard-rate models performed the best by AIC rating for all years of data combined (Table 3.3-7). However, the detection estimates for the top four AIC rated models were low (0.027 – 0.036; Table 3.3-7) with relatively high standard errors, making the detection estimates unpredictable and indicating poor model fit. Therefore, the half-normal model was selected as the most representative for all years of data because it indicated a reasonable detection estimate and standard error (Table 3.3-7). The half-normal model estimates that detection decreases gradually with greater distance from the observer. Although the model fitting was less consistent for the stationary vessel data compared to the moving vessel surveys, detection estimates for stationary vessel surveys were consistent between years, suggesting that results are likely reliable (Table 3.3-8).



**Figure 3.3-4: Seabird Detections during Stationary Vessel Surveys, 2019 to 2022**



**Table 3.3-7: Top AIC-rated Distance Models, Stationary Vessel Surveys, 2019 to 2022**

Model Key and Adjustment	Detection Estimate	Detection SE <sup>1</sup>	$\Delta$ AIC <sup>2</sup>
Hazard-rate with cosine adjustment	0.036	0.012	0.000
Hazard-rate, no adjustment	0.027	0.012	1.944
Hazard-rate with polynomial adjustment	0.027	0.012	1.944
Uniform with cosine adjustment	0.086	0.017	31.972
Half-normal, no adjustment	0.221	0.010	207.502

**Table 3.3-8: Detection Estimates by Year, Stationary Vessel Surveys between 2020 and 2022**

Year	Detection Estimate	Detection 95% CIs <sup>1</sup>
All Years	0.221	0.203 – 0.240
2020	0.173	0.146- 0.200
2021	0.239	0.206- 0.272
2022	0.109	0.039 – 0.178

<sup>1</sup> Confidence Intervals (CIs). Values indicate the range in which 95% of samples fall.

The detection estimate for all years of data slightly increased with the addition of 2022 data (estimate increased from 0.193 to 0.221; Table 3.3-8). The detection estimate for stationary vessel surveys is roughly half of that for moving vessels, suggesting that seabirds are less likely to be detected during stationary vessel surveys compared to moving vessel surveys. The result is generally consistent with the data, which indicate that both detections and number of birds recorded per survey were lower for stationary surveys compared to moving surveys (Table 3.3-3). The detection estimate for stationary vessel surveys was much lower in 2022 than previous years (0.109; Table 3.3-8). Survey effort was much lower in 2022 than 2020 and 2021, so the detection estimate is less likely to be accurate. The 95% Confidence Intervals also show a high variability in the 2022 data, likely due to the high number of surveys with no observations, further indicating that the detection estimate may not be accurate. Data from 2021, which represents the majority of the stationary vessel data, shows a higher detection rate (Tables 3.3-3 and 3.3-8). This may indicate that a lack of data is driving the lower detection rate, and more stationary vessel surveys generally increase the detection estimate.

### 3.4 Marine Wildlife Observations – Baker Lake

When transporting equipment and fuel to Baker Lake for Meadowbank, deep-water vessels can enter Chesterfield Inlet, but must stop at Helicopter Island (Tikirraquajaqkanngir&iq) at the west end of the Inlet. There, material or fuel is loaded aboard barges, and tugs move the barges through the narrow passage connecting Chesterfield Inlet to Baker Lake, and then on to the hamlet of Baker Lake.

To satisfy NIRB Project Certificate No. 004 Term and Condition 36, Agnico Eagle’s Meadowbank Complex is required to engage a local area marine wildlife monitor onboard all vessels transporting fuel or materials for the Project on barge shipping between Helicopter Island and Baker Lake.

Community surveys have been conducted since 2008; however, in 2020 and 2021, community members were not permitted to board vessels due to health and safety restrictions in place related to the Covid-19 pandemic. Therefore, Groupe Desgagnés and Woodward had their MMSOs record sightings of marine mammals and seabirds when possible while travelling on the barge. The vessel companies continued to conduct surveys on the barges in 2022; survey effort and results from these surveys are included in



Sections 3.2 and 3.3 and summarized in Section 3.4.1. Community members were permitted to board the vessels again in 2022 and surveys were resumed as in the years prior to 2020. Agnico Eagle remains committed to meet compliance with Project Certificate No.004 Term and Condition 36 and continues to seek out monitors from the Chesterfield Inlet when possible.

In 2022, 54 incidental surveys were conducted over 22 days by local wildlife monitors between Helicopter Island and Baker Lake in July, August, and October, 32 of which had GPS coordinates to plot their locations (see Figure 3.4-1). Table 3.4-1 summarizes the survey effort while on the barges between 2008 and 2022. Wildlife were observed during 47 of the 54 surveys conducted in 2022. During these surveys, there were 45 separate sightings of birds (total of 117 individuals), one sighting of caribou (a group of five animals), and one sighting of a muskox group (eight animals).

**Table 3.4-1: Barge Incidental Survey Effort by Local Wildlife Monitors between Helicopter Island and Baker Lake, 2008 to 2022<sup>1</sup>**

Year	Survey Dates	Total Number of Days Surveyed
2008*	July 28-31; August 2-5	8
2009	August 19-22; August 26-31; September 3-7	14
2010	October 18-27	10
2011	July 28-31; August 6-7	6
2012	August 6-7	2
2013	August 13-19; October 9-16	15
2014	October 6-10	5
2015	July 9-July 22; July 23-August 5; October 13-21	37
2016*	July 26-31; October 2-13	18
2017*	July; October	-
2018*	-	19 <sup>2</sup>
2019	September 19-24	6
2020	July 27-28; August 9-10; August 12; August 15; August 18	7
2021 <sup>3</sup>	July 28; October 5-6; October 10; October 18	5
2022 <sup>4</sup>	July 21-27; August 4-8; October 16-23	22

\* Indicates specific dates were not provided – either only months were provided, approximates dates, number of hours surveyed, or dates where observations occurred. A best estimate of number of days surveyed is therefore provided for these years (2008, 2016, 2017, 2018).

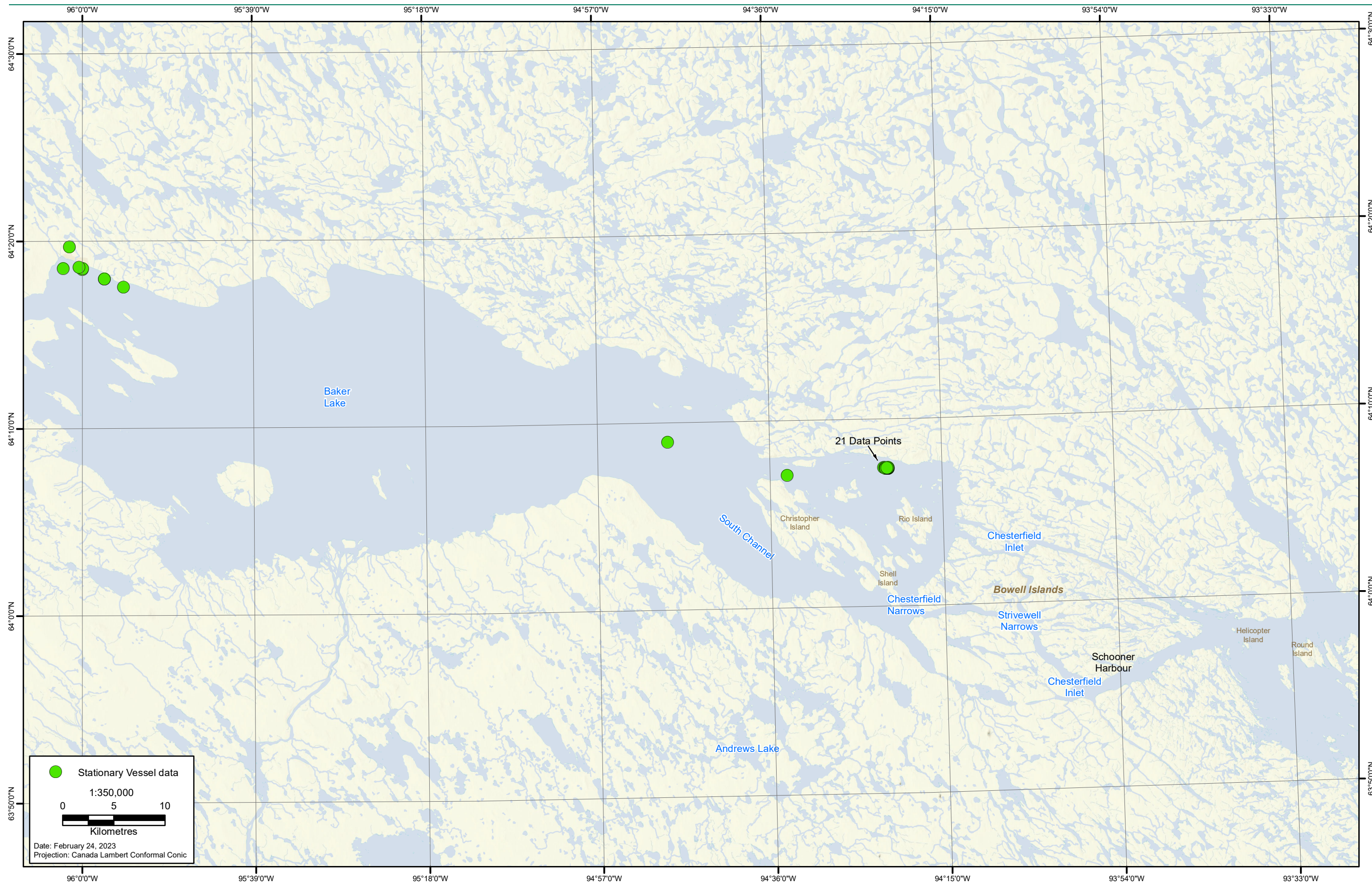
<sup>1</sup> During 2020 and 2021, surveys were conducted by Groupe Desgagnés and Woodward vessel crew members rather than community members.

<sup>2</sup> No dates were provided for 2018, however it was noted that 153 hrs of surveys were completed. Therefore, it was assumed that surveys were conducted 8 hrs per day, for a total of 19 survey days. But it is important to note that this is an estimate based on number of hours surveyed.

<sup>3</sup> All surveys conducted on the barge while travelling between Helicopter Island and Baker Lake were seabird survey transects; no marine mammal transects were completed on the barge in 2021.

<sup>4</sup> In addition to the local wildlife monitor effort, Groupe Desgagnés and Woodward vessel crew members continued to survey between Helicopter Island and Baker Lake. Survey effort and results are summarized in Section 3.4.1 and included in Sections 3.2 and 3.3.





**Figure 3.4-1: Wildlife Monitoring Observations between Helicopter Island and Baker Lake, 2022**



Tables 3.4-2 and 3.4-3 summarize marine mammal and seabird observations made by the local wildlife monitors onboard contractor vessels transporting fuel for the Meadowbank Mine between Helicopter Island and Baker Lake between 2008 and 2019 and in 2022, and by Groupe Desgagnés Woodward crew members in 2020 and 2021.

**Table 3.4-2: Marine Mammals Observed by Local Wildlife Monitors on Barges between Helicopter Island and Baker Lake, 2008 to 2022<sup>1</sup>**

Year	Month	Number of Days Surveyed	Seals	Polar Bears <sup>2</sup>
2008	August	2	2	3
2008	July	1	-	-
2009	August	2	6	-
2009	September	1	2	-
2010	October	1	1	-
2020	August	4	1	-
2021	July	NA <sup>3</sup>	-	-
2022 <sup>4</sup>	August	34	-	-
2022 <sup>4</sup>	September	16	-	-
2022 <sup>4</sup>	October	4	-	-

<sup>1</sup> Marine mammals were only observed during wildlife monitoring surveys on the barge in 2008, 2009, 2010, and 2020. No other marine mammals were recorded during surveys between 2011 and 2019. During 2020 and 2021, surveys were conducted by Groupe Desgagnés and/or Woodward vessel crew members rather than community members.

<sup>2</sup> Species listed as Special Concern on Schedule 1 of the federal Species at Risk Act (SARA).

<sup>3</sup> No surveys were conducted on the barge travelling between Helicopter Island and Baker Lake in 2021 due to crew requirements and the majority of transits occurring during dark hours; however, 25 stationary surveys for marine mammals were conducted while the vessel was at anchor at Helicopter Island, but these results are presented in Section 3.2.2 of the report and not summarized in this table.

<sup>4</sup> Groupe Desgagnés and Woodward vessel crew member survey effort and observations between Helicopter Island and Baker Lake are not included in this table but are included in Section 3.2 and summarized in Section 3.4.1.

**Table 3.4-3: Seabirds Observed by Local Wildlife Monitors on Barges between Helicopter Island and Baker Lake, 2008 to 2022**

Year	Month	Number of Surveys	Gulls/ Terns	Loons	Snow Geese	Waterfowl	Other Seabird	Eagle/ Falcon	Unknown Birds
2008	July	1	- <sup>2</sup>	1	-	-	-	-	-
2008	August	2	1+	1	-	-	-	-	-
2009	August	2	1+	-	1+	1+	-	3	-
2009	September	1	1+	3	1,000+	5	-	1	-
2010	October	1	-	-	-	-	-	-	-
2011	July	1	-	-	-	2	-	-	-
2011	August	1	1+	-	-	-	-	-	-
2012	August	1	24	-	-	-	-	-	-
2013	August	2	10+	1	15+	-	-	-	10+

Year	Month	Number of Surveys	Gulls/Terns	Loons	Snow Geese	Waterfowl	Other Seabird	Eagle/Falcon	Unknown Birds
2013	October	1	6	-	12	-	-	-	2
2014	October	1	-	-	-	-	-	-	-
2015	July	1	-	2+	-	-	-	-	-
2015	August	1	-	-	-	-	-	-	-
2015	October	1	-	-	-	-	-	-	-
2016	July	1	14	-	-	-	-	-	2+
2016	October	1	32	1	-	-	-	-	53
2017	July	1	65	-	-	3	-	-	-
2018	August	1	-	-	-	-	-	-	-
2019	September	1	85	-	540	270	-	4	3
2020	July	2	1	-	-	2	-	-	-
2020	August	2	8	-	-	-	6 <sup>2</sup>	-	-
2021	July	1	30	-	-	-	-	-	-
2021	October	8	14	-	-	24	-	-	28
2022 <sup>3</sup>	July	34	75	1	-	1	-	-	-
2022 <sup>3</sup>	August	16	33	-	-	-	-	-	4
2022 <sup>3</sup>	October	4	-	-	-	-	-	-	-

\* Number of individuals observed was often not recorded, just the species seen. In these cases, 1+ is entered in the table, as the number observed is unknown.

<sup>1</sup> '-' indicates none observed.

<sup>2</sup> Includes northern fulmar, petrel, cormorant, and jaeger.

<sup>3</sup> Groupe Desgagnés and Woodward vessel crew member survey effort and observations between Helicopter Island and Baker Lake in 2022 are not included in this table but are included in Section 3.3 and summarized in Section 3.4.1.

### 3.4.1 Groupe Desgagnés and Woodward Observations – Baker Lake

In addition to community wildlife observers, the shipping companies continued to record marine wildlife sightings while vessels were at anchor near Helicopter Island, or on the tugs/barges between Helicopter Island and Baker Lake to supplement the community observer effort. These results are presented in Sections 3.2 and 3.3 and summarized here.

In 2022, crew members onboard the tugs (Atlantic Beech and Atlantic Elm) recorded a total of 54 incidental sightings while transiting between Helicopter Island and Baker Lake over 27 separate days between July 13 and October 24. No marine mammals were recorded incidentally, and a total of 233 seabirds were recorded across 13 different species. These results are included in Section 3.2 and 3.3.

In addition to the incidental sightings by the barges, vessels also completed stationary surveys while anchored at Helicopter Island and moving transect surveys when conditions allowed. In 2022 there were 34 stationary surveys for marine mammals completed at Helicopter Island, and one moving transect survey between Helicopter Island and Baker Lake. No marine mammals were observed during any of these surveys.

For seabirds, 110 stationary surveys completed while anchored at Helicopter Island. Of these surveys, 27 had sufficient data to calculate temporal effort while 83 were missing either a survey start time, end



time, or both. There was a total of 13.6 hours of survey time across those 27 surveys lasting an average of 0.5 hours per survey. The stationary surveys recorded a total of 383 individual seabirds across 15 different species (included in Section 3.3).

In addition to the stationary surveys, 15 moving transect surveys for seabirds were completed between Helicopter Island and Baker Lake. Of these 15 surveys 14 were conducted by the Kivalliq W. and one was conducted by the Tuvaq W. Of these surveys all 15 had sufficient spatial data to calculate spatial effort. There was a total of 154 km of survey effort. During moving transect surveys, 172 individual seabirds of 12 different species were observed (included in Section 3.3).

No sightings of marine mammals were recorded during the barge surveys between 2011 and 2019, or between 2021 and 2022. In previous years, seals were the most commonly observed marine mammal. Bird observations are summarized by species groups, as they were not often identified to the species. Gulls were the most commonly observed bird during surveys. In addition, caribou (*Rangifer tarandus*), muskox (*Ovibos moschatus*), fox (*Vulpes* species), wolves (*Canis lupis*), and rabbits (*Lepus arcticus*) were observed on land from the vessel between 2008 and 2019, and caribou and muskox were observed on land in 2022.

## 4. CONCLUSIONS

Overall, survey effort and quality of data collected by the MMSOs has improved since 2019. Marine mammal survey effort in 2022 was similar to 2020 and 2021, all of which were improvements from previous years. It is likely that the enhanced training for vessel crew members over the last three years helped improve the number of surveys completed, as well as the quality of data collected. Seabird survey effort in 2022 was generally greater than in previous years, illustrating increased understanding by the vessel captains and crew of the MMSO Program requirements.

Agnico Eagle will continue to improve training for the vessel crew members in the following areas:

1. The training given to the vessel's crew MMSO will be reviewed every year to ensure all crew members are prepared for the shipping season.
2. The seabird surveys were primarily completed in six consecutive five-minute periods, repeated three times a day according to the ECSAS protocol. Updated datasheets in 2022 helped emphasize the correct data collection protocol. Training for the MMSOs will continue to focus on this aspect of the methodology again in 2023.
3. Incomplete data entry (i.e., data entry fields for survey effort left blank) continues to occur. In 2022, approximately 15% of marine mammal survey data were missing information such as start or end times, or positions. This is a decrease from early years of the program and similar to 2021. For seabird surveys, roughly 40% of moving vessel surveys and 70% of stationary vessel surveys were missing effort. This is more than double the number of missing effort entries in 2021. The increase in missing effort information is likely due to the change in survey data collection requiring six intervals, and therefore six records of start/end times and positions per survey. The requirement for all six entries on the datasheet increased the proportion of seabird surveys with some missing data. Agnico Eagle will continue to emphasize the importance of complete data collection and continue to encourage all MMSOs to complete the data entry fields.
4. Species identification while at sea can be challenging. Agnico Eagle provided species identification sheets to the vessels in 2020, 2021, and 2022 but additional aids (e.g., species identification posters) will be investigated for the 2023 shipping season.
5. The vessel's captain and crew will continue to be informed of specific mitigations to be used to manage interactions with marine mammals and birds.

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**APPENDIX A          SHIPPING MANAGEMENT PLAN SUMMARY BROCHURE –  
MEADOWBANK AND MELIADINE**





AGNICO EAGLE

# SHIPPING MANAGEMENT PLAN

Meadowbank and Meliadine



# SHIPPING MANAGEMENT PLAN SUMMARY

This document summarizes the information found in the Agnico Eagle Shipping Management Plans for Meadowbank and Meliadine (Agnico Eagle 2018a; 2018b) into a single convenient package for review and as a reference document. It is expected that all bridge crew on all vessels supplying Meadowbank and Meliadine review this document and have it available on the bridge of the vessel while under way.

The Meadowbank division has implemented a vessel-based Marine Mammal and Seabird Observer (MMSO) program since 2010, and the Meliadine division since 2016. These programs will continue to be implemented during all routine project-shipping activities, in accordance with Meadowbank Mine NIRB Project Certificate No. 004 Condition 36 and Meliadine NIRB Project Certificate No. 008 Condition 40.



The NIRB conditions require Agnico Eagle to include in its contracts that ships must remain mindful of marine areas having a high density of marine mammals and birds. Agnico Eagle's NIRB Project Certificates include conditions to ensure the mitigation measures and monitoring programs outlined in this summary document are conducted by shipping companies; thus, shipping companies are required to review and become familiar with the information summarized in this document.

## GENERAL GUIDELINES FOR OPERATION OF VESSELS

The Shipping Management Plans include Mitigation, Management, Monitoring and Reporting requirements:

**1. Mitigation:** Standard operation of the vessel.

Avoidance of seabird colonies and marine mammal haul-outs on shore

Vessel operation – maintain straight course, constant speed, avoid erratic behaviour

**2. Management:** What to do when you see a marine mammal or seabird.

Avoidance of marine mammals and seabirds on the water

What to do if a marine mammal approaches the vessel

**3. Monitoring:** The Marine Mammal and Seabird Observation Program.

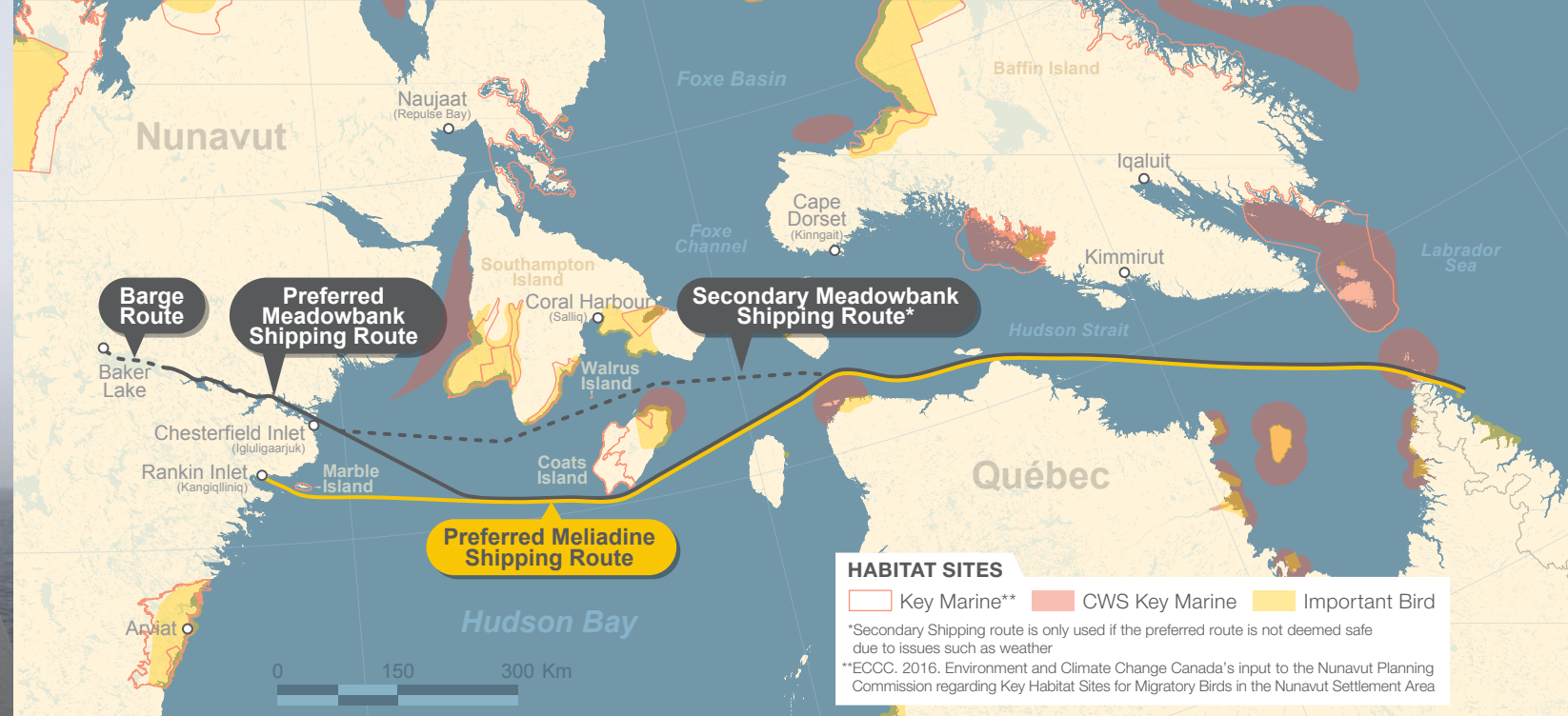
Monitoring for marine mammals and seabirds

**4. Reporting:** Monitoring data sent to Agnico Eagle. How to report collisions or incidents to Agnico Eagle and the government.

Monitoring data sent to Agnico Eagle

What to do if there is a collision with a marine mammal





Ship captains and crew should review the following mitigation measures and be familiar with guidelines around marine mammals and seabirds, as well as navigational options for vessel maneuvers when encountering marine mammals and seabirds. Mitigation and management measures are summarized from the Shipping Management Plans for Meadowbank and Meliadine.

1. General navigational requirements while travelling through Hudson Strait to Helicopter Island or Rankin Inlet, include the following:

- a. Ships will, when possible, maintain a straight course and constant speed, and avoid erratic behaviour;
- b. Marine mammals will be given right of way as safe navigation allows;
- c. The ship will not be operated in such a way as to separate an individual member(s) of a group of marine mammals from other members of the group;
- d. Ships will maintain the required setback distances around marine mammals and seabirds on land;

**Avoiding Marine Mammals and Seabird Colonies on Land**

Maintain a setback distance of >500 m from colonies of seabirds and marine mammals on shore



**Avoiding Marine Mammals on Sea Ice**

Do not approach within 300 m of a walrus or polar bear observed on sea ice



- e. Ships will use a routing south of Coats Island as the primary shipping route;
- f. Ships travelling for the Meliadine project will remain at least 2 km from Marble Island to avoid disturbing seals, walrus and marine birds that might be in the vicinity; and

g. Ships will maintain the required setback distances around marine mammals and seabirds in the water.

**General Guidance on the Water**

Vessels maintain > 500 meters from aggregations of seabirds and marine mammals on the water\*



**Whales Always Have Right-of-Way**

**Vessel Operation:** Maintain straight course, constant speed, avoid erratic behavior

As per **Marine Mammal Regulations s.7(3)**, maintain a minimum of 100 m from marine mammals at all times

**What to do if a Marine Mammal Approaches the Vessel**

**Option 1**

Reduce its speed and, if possible, cautiously move away from the animal

**Option 2**

If it is not possible for the ship to move away from or detour around a stationary marine mammal or group of marine mammals, the ship will reduce its speed and wait until the animal(s) move to the side and remain 100 m to 500 m (Meadowbank) from the ship prior to resuming speed

**Option 3**

If animals appear to be trapped or disturbed by ship movements, the ship will mitigate disturbance (e.g., stoppage of movement) until the animal(s) has moved away from the immediate area

**\* The two projects have slightly different guidance on setbacks:**

Meadowbank – Maintain 500 m away from feeding marine mammals and aggregations of seabirds and marine mammals  
 Meliadine – Maintain 300 m from feeding marine mammals.  
 Meliadine – Maintain 100 m away at all times.

- 2. As part of shipping companies' standard operating procedures, ship crews will monitor for marine mammals and seabirds from Hudson Strait to the lightering point near Helicopter Island (Meadowbank) or Rankin Inlet (Meliadine).
- 3. The ship's Master will be notified if there is a concern of the ship striking a marine mammal.
- 4. Ship personnel will make a decision if actions are required to avoid a possible collision by implementing management measures, if safe to do so.
- 5. If a collision occurs, the appropriate people will be contact and the incident will be documented.



# MARINE MAMMAL MANAGEMENT AND MONITORING PROGRAM

The Marine Mammal Management and Monitoring Plan (MMMMP) was developed for the Project to meet commitments made during the Nunavut Impact Review Board (NIRB) hearings related to Marine Shipping. The MMMMP was designed to provide protocols for conducting a vessel-based Marine Mammal and Seabird Observer (MMSO) program during all routine shipping activities along the shipping route.

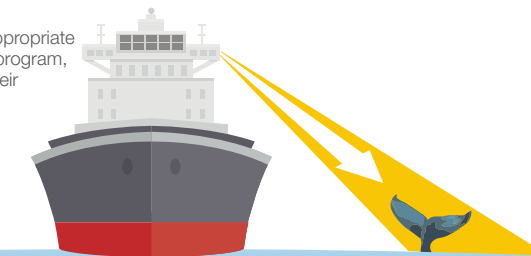
A Marine Mammal and Seabird Observer (MMSO) will be assigned by the captain prior to departure. The role of the MMSO is to record and report on marine mammals and seabird sightings during shipping activities along the shipping routes, and to advise the ship's crew on the location of observed marine mammals and if any action is recommended based on mitigation measures. MMSO and other crew members are also encouraged to collect incidental sightings (i.e., observations of marine mammals or seabirds NOT during dedicated monitoring) during their voyage and to report it to Agnico Eagle in addition to the MMSO data. Standard monitoring and data collection protocols for marine mammals and seabirds will be provided to the crew in the form of Standard Operating Procedures (SOPs) and in-person or online training.



## THE MARINE MAMMAL AND SEABIRD OBSERVATION (MMSO) PROGRAM

1. Ship crews (the assigned MMSO) will monitor for marine mammals and seabirds from Hudson Strait to the lightering point near Helicopter Island (Meadowbank) or Rankin Inlet (Meliadine)
2. The ship's Master will be notified if there is a concern of the ship striking a marine mammal
3. Ship personnel will make a decision if actions are required to avoid a possible collision

\*It is the responsibility of captains to ensure that appropriate crew members have been trained on the MMSO program, conduct the MMSO while underway and report their findings to Agnico Eagle.



## HOW OFTEN DOES THE MMSO SURVEY?

**Marine Mammal Monitoring:** Conduct at least 1 dedicated survey per day, lasting 1.5 to 2 hrs beginning in Hudson Strait

### Seabird Monitoring:

- Conduct 1 to 3 dedicated surveys per day
- Each survey lasts 30 min, made up of **6 separate 5-min observation periods**, beginning in Hudson Strait

**Incidental Sightings:** While traveling from Hudson Strait to Rankin Inlet/Helicopter Island, look for marine mammals incidentally to avoid collisions and record incidental sightings





# REPORTING

Data collected by the MMSOs must be submitted annually by Agnico Eagle to the Government of Nunavut and other applicable regulators (e.g., Environment and Climate Change Canada (ECCC) - Canadian Wildlife Service (CWS)) regarding the location, behaviour, abundance, and species observed as well as any interactions with Project vessels during shipping activities along the shipping route. Therefore, data and ship tracks must be submitted to Agnico Eagle within 2-3 weeks of completion of the voyage.

## VESSEL OPERATORS REPORT THE FOLLOWING INFORMATION ANNUALLY TO AGNICO EAGLE

### Vessel Information:

- Name
- Dates of Transit
- Track log from Montreal to Agnico Eagle site
- General description of cargo

### Track Information:

- A GPS track of the vessel route

### MMSO Information:

- All data sheets collected by MMSO
- A record of any Management – avoidance of marine mammals or seabirds
- All incidental sightings of marine mammals or seabirds collected during the voyage (i.e., not during the dedicated MMSO surveys)

## IF A COLLISION OCCURS

### Report all collisions to Agnico Eagle:

Sara Savoie: Work: +1 (819) 759-3555 x 460321 Cell: +1 (819) 856-9349  
 Alexandre Lavallee: Cell: +1 (819) 860-0804



**AGNICO EAGLE**

### If a Marine Mammal and Vessel Collision Occurs Contact DFO:

Central and Arctic, Nunavut – Iqaluit: +1 (867) 979-8000



### Captain must report the following information

#### (as per Marine Mammal Regulations s.39):

- Date, time and location of the incident;
- Species of marine mammal involved in the incident;
- Circumstances of the incident;
- Size and type of vehicle;
- Weather and sea conditions at the time of the incident;
- Observed state of the marine mammal after the incident; and
- Direction of travel of the marine mammal after the incident, to the extent that it can be determined.

### Agnico Eagle Contact:

Anne-Laurence Paquet: [anne-laurence.paquet@agnicoeagle.com](mailto:anne-laurence.paquet@agnicoeagle.com)  
 Marie-Pier Marcil: [marie-pier.marcil@agnicoeagle.com](mailto:marie-pier.marcil@agnicoeagle.com)

### If a Seabird and Vessel Collision Occurs Contact:

CWS, Jean-Francois Dufour: [jean-francois.dufour2@canada.ca](mailto:jean-francois.dufour2@canada.ca)  
 ECCC Wildlife Enforcement: [ec.dalfnord-wednorth.ec@canada.ca](mailto:ec.dalfnord-wednorth.ec@canada.ca)







# REFERENCES

**Agnico Eagle (2022a).**

***Agnico Eagle- Meadowbank Division – Shipping Management Plan Version 4. Agnico Eagle.***

**Agnico Eagle (2022b).**

***Agnico Eagle – Meliadine Division – Shipping Management Plan Version 9. Agnico Eagle.***



## **APPENDIX B      MARINE MAMMAL MONITORING SOP**



# Meadowbank and Meliadine Projects

## Marine Mammal Monitoring

STANDARD OPERATING PROCEDURE

SHIP-01

June 8 2022

Version B.3

**Scope of Work:** This SOP provides guidance for marine mammal monitoring procedures for shipping companies contracted by Agnico Eagle. Monitoring is conducted to avoid potential effects to marine mammals. The shipping companies are required to record marine mammal observations based on the protocols outlined in this SOP along the shipping route between Hudson Strait and Helicopter Island/Rankin Inlet.

**Contacts:**

<b>Agnico Eagle</b>	
Anne-Laurence Paquet	<a href="mailto:anne-laurence.paquet@agnicoeagle.com">anne-laurence.paquet@agnicoeagle.com</a>
Compliance Specialist	819.759.3555
Marie-Pier Marcil	<a href="mailto:marie-pier.marcil@agnicoeagle.com">marie-pier.marcil@agnicoeagle.com</a>
Environmental Project Coordinator	819.759.3555

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## 1. PROGRAM DESCRIPTION AND OBJECTIVES

A Marine Mammal Monitoring Standard Operating Procedure (SOP) has been developed to guide onboard monitoring for marine mammals. This SOP satisfies the Meadowbank Mine NIRB Project Certificate No. 008 Condition 40 and the Meliadine NIRB Project Certificate No.006 Condition 82.

The purpose of this SOP is to identify the monitoring procedures for shipping companies contracted by Agnico Eagle to avoid potential effects to marine mammals. This document outlines the following:

- how to avoid or adjust shipping speed near sensitive wildlife habitat along shipping routes;
- how to record observations of marine mammals, which includes whales, pinnipeds (i.e., seals and walruses), and polar bears;
- potential mitigation if marine mammals are observed;
- how to record and report mitigation measures taken, if applicable; and
- how to record and report ship strikes of marine mammals if they occur.

Agnico Eagle will update this SOP as necessary, in response to feedback from the Department of Fisheries and Oceans (DFO), Environment and Climate Change Canada (ECCC) or in response to data collected in the field or scientific advances.

## 2. MARINE MAMMAL MONITORING

### 2.1 Overview

The following protocol will be implemented during the Marine Mammal and Seabird Observer (MMSO) program:

- A minimum of one assigned MMSO will be present on-board vessels during all transits;
- The MMSO will conduct marine mammal observations along the shipping route from the bridge during daylight hours and record sightings into the *Marine Mammal Sightings Form* (Attachment A); and
- The shipping contractor will initiate mitigation measures designed to minimize Project impacts on marine mammals, as identified in the Marine Shipping Mitigation Summary Booklet and summarized in Attachment B.

### 2.2 Training

The captain is responsible to assign an MMSO to the bridge, and to ensure that the MMSO has been trained to identify marine mammals and seabirds.

Training for the assigned MMSOs includes:

- The pre-trip training live webinar, or review of the recorded webinar prior to beginning the MMSO duties. The recorded webinar will also be available on the ship for review as needed;
- Review the Marine Mammal Monitoring SOP (this document), the Marine Shipping Mitigation Summary Booklet, and the Seabird Monitoring SOP (SOP # SHIP-02);
- Review marine mammal identification, including common species provided in Attachment C (Whale ID Guide and Pinniped ID Guide);
- Know how to estimate distances to animals observed; and



- Review how to fill out the *Marine Mammal Sightings Form* (Attachment A) and the *Marine Mammal and Seabird Observer (MMSO) Incident Report Form* (Attachment D).

## 2.3 Equipment

Bridge staff participating in wildlife monitoring will require the following when conducting surveys:

1. This SOP;
2. Whale ID Guide and Pinniped ID Guide (Attachment C);
3. *Marine Mammal Sightings Form* (Attachment A);
4. *MMSO Incident Report Form* (Attachment D);
5. Binoculars;
6. GPS (only required if unable to get GPS coordinates from the ship); and
7. Clipboard and pencil.

## 2.4 Marine Mammal Monitoring Methods

Marine mammal surveys are required along the shipping route from Hudson Strait to Helicopter Island/Rankin Inlet, and during the return journey from Helicopter Island/Rankin Inlet through Hudson Strait (Figure 2.4-1). Surveys must be conducted at least once per day, but two surveys per day is preferred.

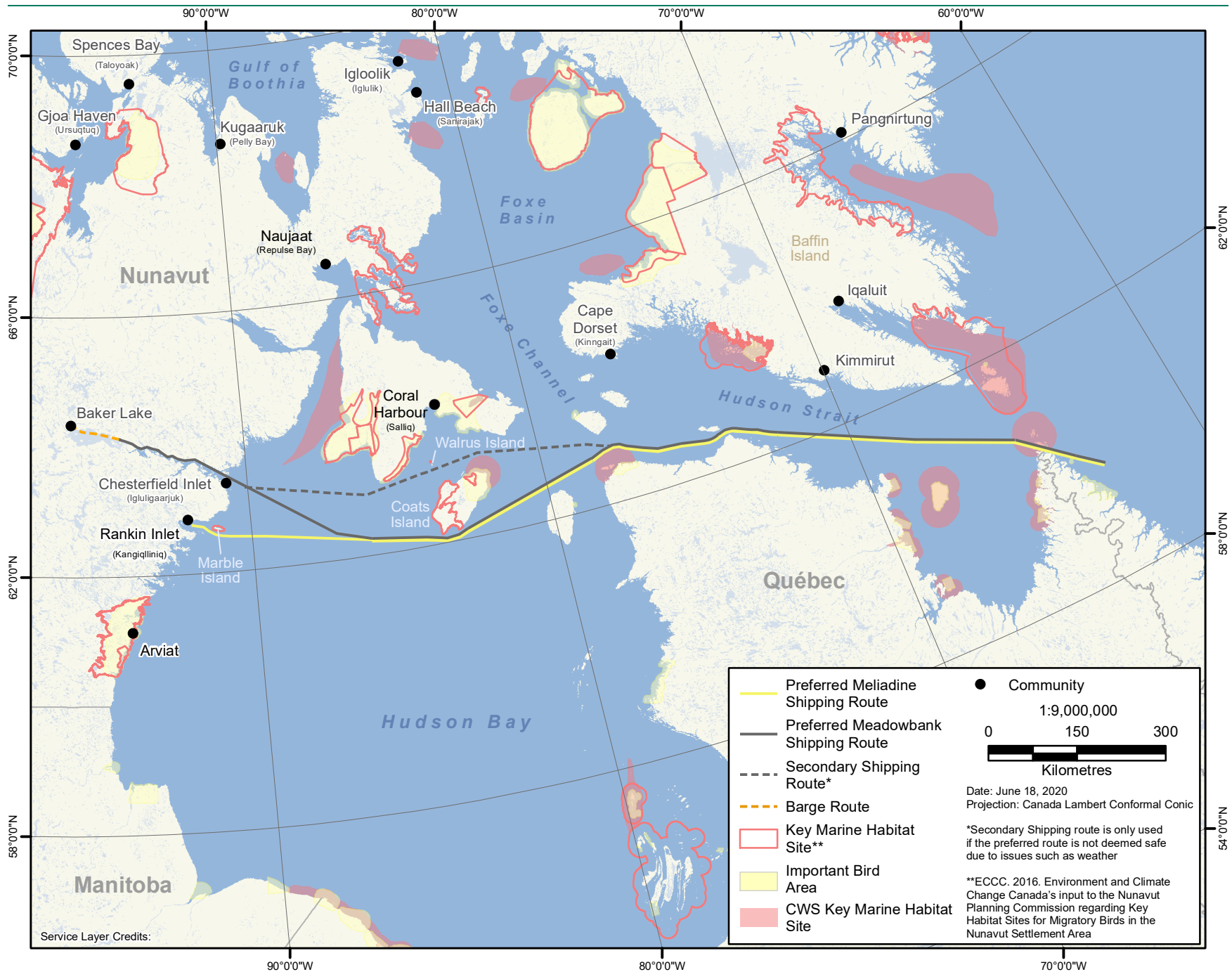
General environmental and marine mammal sightings information is to be collected and recorded by filling out the form in Attachment A. The protocol outlined in this section are best conducted along a transect line, therefore, it is best to start a marine mammal observation period when the vessel is and will be moving in a straight line for an extended period of time.

### 2.4.1 Observation Period

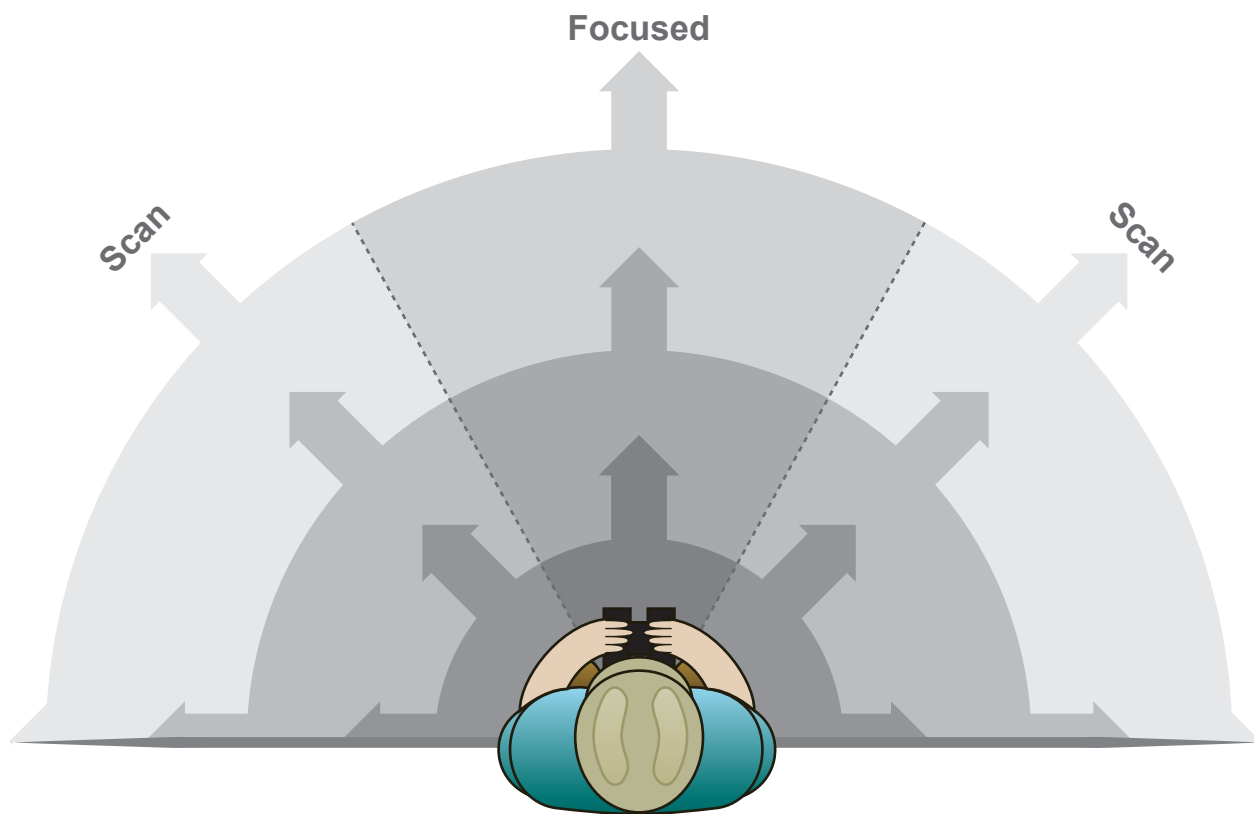
- Marine mammal monitoring is required from Hudson Strait to Helicopter Island (Meadowbank) or Rankin Inlet (Meliadine), along the shipping route presented in Figure 2.4-1.
- Conduct a minimum of 1 survey per day; however, 2 surveys per day is preferred when timing allows.
- Prioritize conducting surveys around Coats Island, Hudson Strait, and/or approaching Helicopter Island/Rankin Inlet.
- MMSO observation periods should last approximately 1.5 hours, but should not last longer than 2 hours to mitigate observer fatigue and eyestrain.
- During dedicated surveys, sightings are only recorded by the MMSO, with no assistance permitted by other crew members.
- For each observation period, document information on the ship's location, travelling speed and direction, environmental conditions on a *Marine Mammal Sightings Form*.

### 2.4.2 Observer Position

- Observations will be done from a high location on the vessel and ideally outdoors if possible and will be conducted at the same location each time.
- For marine mammal observations, depending on the weather conditions and safety requirements for the crew, the MMSO will position themselves in the middle of the ship at the front (bow) to observe marine mammals on both the starboard and the port side (Figure 2.4-2).



**Figure 2.4-1: Shipping Routes during the Open Water Season**



MMSO will record observations of marine mammals noted within a 180° viewing area (port to starboard) out to the horizon

**Figure 2.4-2: Illustration of MMSO Position and Observation Field on a Vessel**



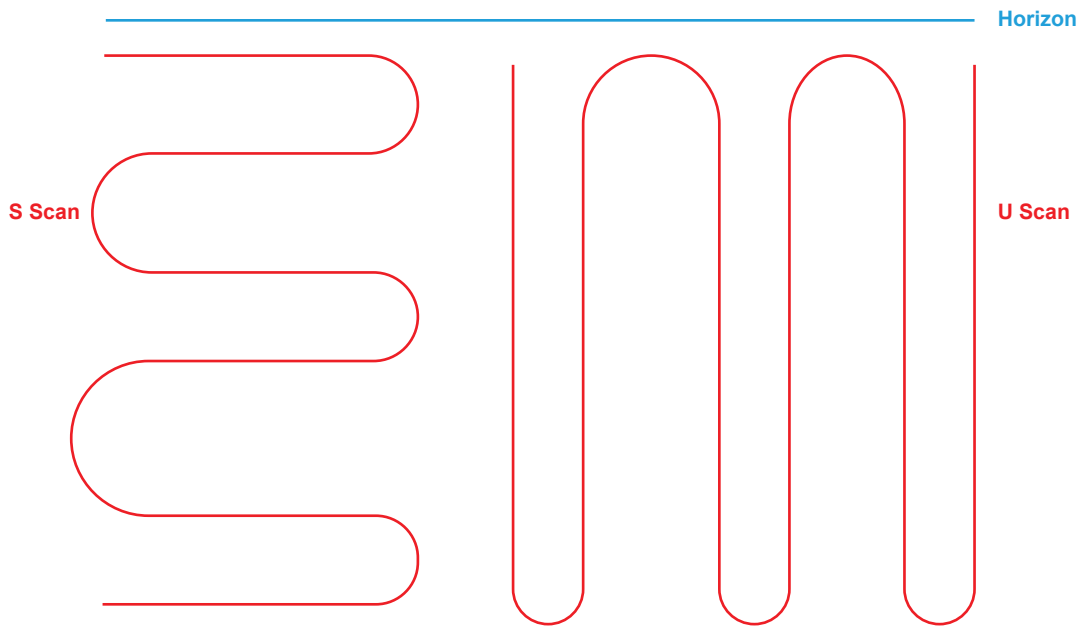
### 2.4.3 Scan Routine

#### 1. How to Scan for Marine Mammals

- Scan the water from the vessel out to the horizon with the naked eye and use binoculars only to focus on possible sightings.
- Scans should be made from the middle of the vessel and cover the scan area shown in Figure 2.4-2 with a focus on the water ahead and to the side to the moving vessel (e.g., focused scan area in Figure 2.4-2).
- Perform S and U scans (Figure 2.4-3) of the observation field about every 20 seconds looking for whale cues (e.g., blow, back surfacing). The most important aspect of marine mammal observing is to constantly scan the observation field to capture animals that could be located in the peripheral view for brief moments (e.g., surfacing).
- If a whale or pinniped (seal or walrus) is observed, record the sighting on the *Marine Mammal Sightings Form*, as per instructions in Step 2 below.
- Surveys are prioritized when the vessel is moving; however, if the vessel is stationary (e.g., anchored) for a day or portion of a day, then a marine mammal survey will be required while anchored. If this is required, scans should be conducted over the entire scan area in a uniform fashion.

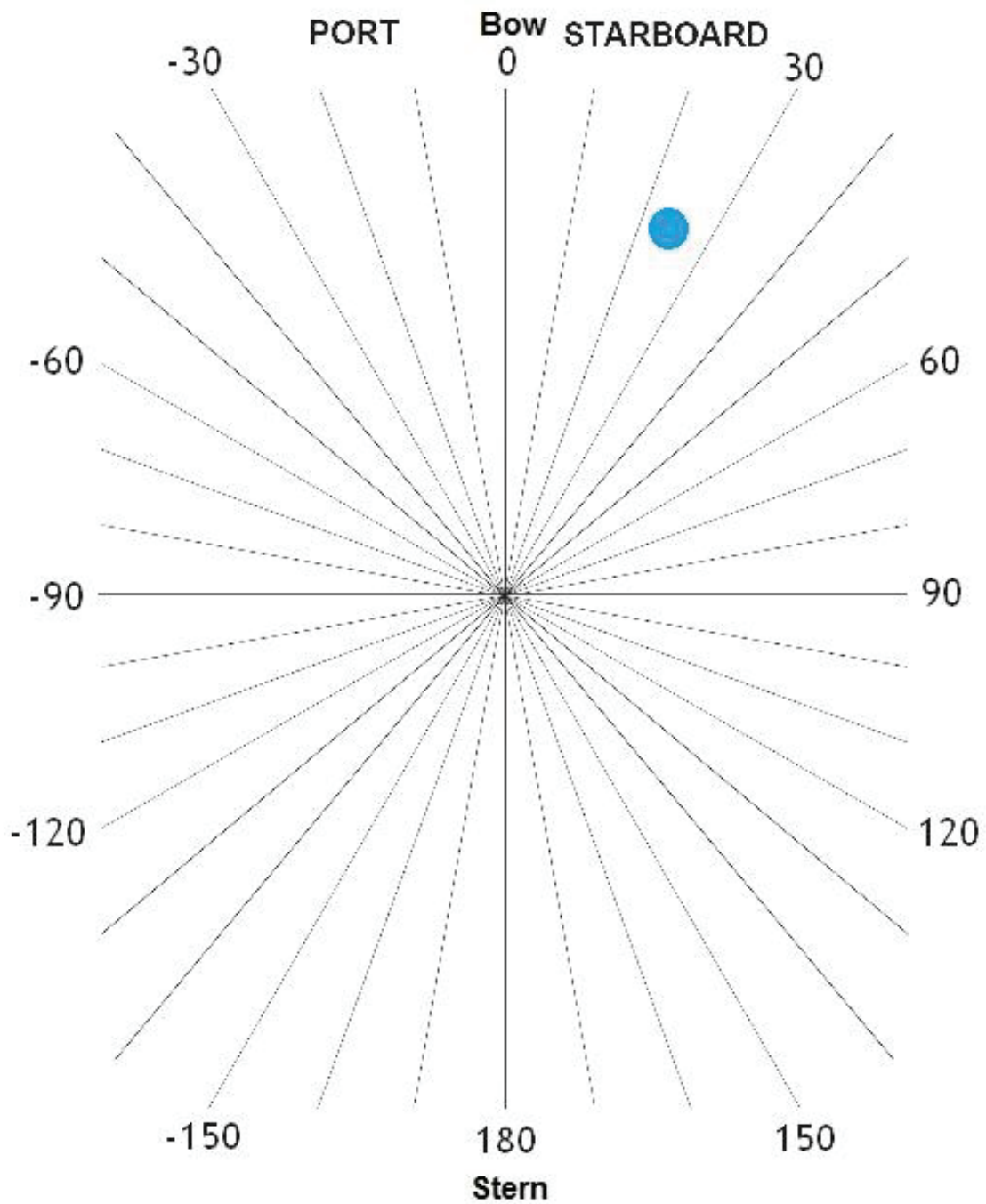
#### 2. What to Do When a Marine Mammal is Observed

- Marine mammals observed during the dedicated marine mammal observational periods will be recorded on the *Marine Mammal Sightings Form*, including:
  - GPS location;
  - Distance to animal from vessel;
  - Angle to animal (Figure 2.4-4 shows how an angle to a marine mammal from the vessel should be estimated);
  - Number of marine mammal individuals;
  - Unknown species – if a species is unknown or if a blow is the only detection of the animal observed, then mark the sighting as unknown or record the general species group (e.g., whale, seal, walrus, polar bear), and provide a description of what was seen (e.g., colour of animal, how many were observed, behaviour, dorsal fin present or absent, etc.); and
  - Behaviour (e.g., travelling, feeding, other).
- Marine mammals in large groups that are close together should be marked as a single sighting.
- Sightings of pinnipeds (seals, walrus) hauled-out on land or of a polar bear on land will be recorded with a description in the “Notes” section indicating the animal(s) were observed on land.
- If a marine mammal is counted twice or more in the sightings record, then a note of a re-sighting should be marked.
- When possible, take photographs of marine mammal sightings and record the photo name/number alongside sightings records. These photos must be provided to Agnico Eagle along with the completed datasheets.
- If no marine mammals are observed during a survey period, then the top sections of the *Marine Mammal Sightings Form* must still be completed (including “General Information”, “Vessel Information”, and “Environmental Information”) with “No animals observed” entered into the “Notes” section.
- If a marine mammal sighting is close to the vessel and requires mitigation measures, or if a ship strike occurs, refer to Section 3 of this SOP and complete the *MMSO Incident Report Form* (Attachment D);
- Ensure no cell on the *Marine Mammal Sightings Form* is left blank.



Source: Agnico Eagle 2020.

**Figure 2.4-3: Illustration Showing How to Conduct S & U Scanning Techniques**



Note: Example shows angle to the animal (blue dot) is approximately 22°.

Source: Agnico Eagle 2020.

**Figure 2.4-4: How to Determine Angle to Marine Mammal**



## 2.5 Incidental Marine Mammal Sightings – “Off Effort”

During sailing from Hudson Strait to Helicopter Island/Rankin Inlet, the ship’s crew is required to keep watch for marine mammals along the shipping route. This is not part of the MMSO dedicated surveys. Whenever a marine mammal is observed outside of the dedicated survey time, this is called an incidental sighting, or “off-effort”. These sightings are recorded on the *Incidental Marine Wildlife Sightings Form* (Attachment E) and provided to Agnico Eagle for reporting. This includes all sightings of whales, seals, walruses, polar bears, and hauled-out animals.

If an incidental sighting is close to the vessel and requires mitigation measures, or if a ship strike occurs, refer to Section 3 of this SOP and complete the *MMSO Incident Report Form* (Attachment D).

## 3. MITIGATION AND REPORTING

In the event bridge crew observe marine mammals within 100 m of the vessel for Meliadine, and 500 m of the vessel for Meadowbank, refer to the Marine Shipping Mitigation Summary Booklet for recommended responses (e.g., slowing vessel, change direction). Management responses will be documented on the *Marine Mammal Sightings Form* for that observation. In addition, if a ship strike occurred or other incident (e.g., animal appears affected by the vessel), the MMSO must also fill in the *MMSO Incident Report Form* (Attachment D). Mitigation measures are also summarized in Attachment B.

If bridge crew determine a ship strike of a marine mammal has occurred, complete the *Marine Mammal Sightings Form* and indicate that the observation was the result of a ship strike. If the ship strike is a marine mammal the ship’s captain is to report the strike to Agnico Eagle (contact listed at the top of this SOP) as soon as practical and within 24 hours.

In addition, as per *Marine Mammal Regulations* s.39, the captain must also report a strike to the DFO minister, including the following information:

- the date, time and location of the incident;
- the species of marine mammal involved in the incident;
- the circumstances of the incident;
- the size and type of vehicle and, if applicable, the type of fishing gear involved in the incident;
- the weather and sea conditions at the time of the incident;
- the observed state of the marine mammal after the incident; and
- the direction of travel of the marine mammal after the incident, to the extent that it can be determined.

### DFO Contact Information:

- Central and Arctic, Nunavut – Iqaluit: 1-867-979-8000.

## 4. END OF TRIP REPORTING REQUIREMENTS

The following information will be submitted to the Agnico Eagle Environment Team (contact information provided at the top of this SOP) after each shipping trip for collation into a database:

1. Spatial file of the shipping route;
2. Completed *Marine Mammal Sightings Forms*;
3. Completed *MMSO Incident Report Forms* (if required); and
4. Photographs taken of sightings.

## 5. RECOMMENDED GUIDES

Reeves et al. 2002. *National Audubon Society's Guide to marine Mammals of the World*.

Additional Recommended Training/Practice: <http://www.dfo-mpo.gc.ca/species-especes/mammals-mammiferes/identification-guide/index-eng.html>.

## **ATTACHMENT A MARINE MAMMAL SIGHTINGS FORM**





## **ATTACHMENT B MARINE SHIPPING MITIGATION SUMMARY**

## General Guidance on the Water

Vessels maintain > 500 meters from aggregations of seabirds and marine mammals on the water\*



## Whales Always Have Right-of-Way

**Vessel Operation:** Maintain straight course, constant speed, avoid erratic behavior

As per **Marine Mammal Regulations s.7(3)**, maintain a minimum of 100 m from marine mammals at all times

## What to do if a Marine Mammal Approaches the Vessel

### Option 1

Reduce its speed and, if possible, cautiously move away from the animal

### Option 2

if it is not possible for the ship to move away from or detour around a stationary marine mammal or group of marine mammals, the ship will reduce its speed and wait until the animal(s) move to the side and remain at least 100 m (Meliadine) or 500 m (Meadowbank)

### Option 3

If animals appear to be trapped or disturbed by ship movements, the ship will mitigate disturbance (e.g., stoppage of movement) until the animal(s) has moved away

### \* The two projects have slightly different guidance on setbacks:

Meadowbank – Maintain 500 m away from feeding marine mammals and aggregations of seabirds and marine mammals

Meliadine – Maintain 300 m from feeding marine mammals.

Meliadine – Maintain 100 m away at all times.



## **ATTACHMENT C MARINE MAMMAL ID GUIDES**

# COMMON WHALE ID GUIDE

## Narwhal

**Size:** 4 - 5 m

**Body:** Small head, stocky body, short/round flippers, tusk

**Dorsal Fin:** No

**Colour:** Mottled black and white, grey or brownish



## Beluga

**Size:** 4 - 5 m

**Body:** Stout body, small head, short, broad paddle-shaped flippers

**Dorsal Fin:** No

**Colour:** Adults white, calves brown/grey



## Bowhead Whale

**Size:** up to 19 m

**Body:** Large and rotund

**Dorsal Fin:** No

**Colour:** Black/brown, white lower jaw

**Blow:** Bushy V-shaped

**Fluke:** Shows fluke when diving



## Fin Whale

**Size:** up to 23m

**Body:** Streamlined and long

**Dorsal Fin:** hooked

**Colour:** Grey body, white lower jaw right-side only

**Blow:** Tall and straight

**Fluke:** Rarely shows fluke



## Orca/Killer Whale

**Size:** 7-9 m

**Body:** Long rounded body

**Dorsal Fin:** Tall dorsal fin

**Colour:** Black-and-white, saddle patch (grey area) behind dorsal fin, white underside





# COMMON PINNIPED ID GUIDE

## Walrus

**Size:** 2.5 - 3m

**Body:** large, blubbery, long tusks

**Head:** Large thick neck, dark mouth with whiskers

**Colour:** Dark brown



## Harbour Seal

**Size:** 2m

**Body:** Medium size, spindle shaped body

**Head:** like dog, heart-shaped snout

**Colour:** Blue-grey with dark spots/speckles



## Hooded Seal

**Size:** 2.5 m

**Body:** Large, robust

**Head:** Broad head short narrow snout, males of "hood" they inflate

**Colour:** Black head, silver/grey fur, dark patches



## Harp Seal

**Size:** 1.5 - 2 m

**Body:** Medium size, robust

**Head:** Small head, pointy snout

**Colour:** Light grey, harp-shaped black patch on back, black face



## Bearded Seal

**Size:** 2 - 2.5 m

**Body:** Large, robust

**Head:** Small head, short snout, long whiskers

**Colour:** Dark brown/grey with dark rings/spots





## **ATTACHMENT D MMSO INCIDENT REPORT FORM**

## Marine Mammals and Seabird Observer (MMSO) Incident Report

Project Information		
Client: <b>Agnico Eagle</b>	Date:	
Project Name (circle one): <i>Meadowbank</i> <i>Meliadine</i>	General Location:	
Vessel Contractor Information		
Vessel Contractor Name:	Site Supervisor or Captain:	
Vessel Name/Type:		
MMSO Name:		
General Weather Conditions (throughout the day):	Wind (knots):	
	Sea State:	
	Swell Height (m):	
	Temperature (°C):	
	Notes:	
Time Start/Time End MMSO Duties (HH:MM):	Start:	End:

### Mitigation Log\*

Time (UTC; HH:MM)	Was Mitigation Implemented?	Location		Rationale for Implementation
		Latitude (DD)	Longitude (DD)	

*\*Fill in this section if vessel is required to route north of Coats Island due to safety concerns*

### Record of Vessel-Animal Collisions/Interactions

Species	Number of Individuals	Time (HH:MM)	Location		Visibility (m)/ Sea State	Comments
			Latitude (DD)	Longitude (DD)		

### Summary of Issues and Recommendations/Actions

Date Noted	Issue	Recommendation/Action	Date Resolved	Comments

## **ATTACHMENT E INCIDENTAL MARINE WILDLIFE SIGHTINGS FORM**






**AGNICO EAGLE**

# Incidental Marine Wildlife Sightings Form

(1 form per observation; PLEASE PRINT; circle options provided in *italics* as appropriate)

General Information			
Vessel Name		Date	
Observer Name		Local Time (24 hr)	
Vessel Information			
Ship Speed (kt)		Ship Heading (compass)	
Latitude (decimal degrees)		Longitude (decimal degrees)	
Environmental Information			
Beaufort Wind Force		Visibility (km)	
Wind Direction			
Observation Information			
Species <sup>1</sup>		ID Reliability	<i>Positive / Probable / Maybe</i>
Distance from vessel when first seen (m)		How close did the animal get to the vessel (m)?	
Number of Individuals	<i>Best Estimate:</i> _____ <b>OR</b> <i>Maximum/Minimum:</i> _____		
Behaviour	Mammals:	<i>Swimming</i>	<i>Diving</i>
		<i>Dead</i>	<i>Resting on land</i>
	Birds:	<i>Flying</i>	<i>Feeding</i>
		<i>Resting on land</i>	<i>Resting on ocean surface</i>
	<i>Escape Ship - Flying</i>	<i>Escape Ship - Diving</i>	<i>Dead</i>
	Other (describe): _____		
Other notes (e.g., physical descriptions, distinctive behaviours, drawing)		Position & Travel Relative to Ship [draw arrow]	 <b>OR</b> Variable Travel Directions
Was this observation the result of a SHIP STRIKE?	Yes _____ No _____ <i>If yes, fill out "MMSO Incident Report"</i>		
Mitigation Action Taken			
	Yes	No	
If yes, describe mitigation actions (e.g., change in course or speed) and result (e.g., maintained a buffer of x metres from wildlife)	<b>ACTION:</b>  <b>RESULT:</b>		

<sup>1</sup> Refer to list of species in the ID Guides.

## **APPENDIX C      SEABIRD MONITORING SOP**



# Meadowbank and Meliadine Projects

## Seabird Monitoring

STANDARD OPERATING PROCEDURE

SHIP-02

14 June 2022

Version C.1

**Scope of Work:** This SOP provides guidance for seabird monitoring procedures for shipping companies contracted by Agnico Eagle. Monitoring is conducted to avoid potential effects to seabirds. The shipping companies are required to record seabird observations based on the protocols outlined in this SOP along the shipping route between Hudson Strait and Helicopter Island/Rankin Inlet.

**Contacts:**

<b>Agnico Eagle</b>	
Anne-Laurence Paquet	<a href="mailto:anne-laurence.paquet@agnicoeagle.com">anne-laurence.paquet@agnicoeagle.com</a>
Compliance Specialist	819.759.3555
Marie-Pier Marcil	<a href="mailto:marie-pier.marcil@agnicoeagle.com">marie-pier.marcil@agnicoeagle.com</a>
Environmental Project Coordinator	819.759.3555

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- ATTACHMENT C COMMON SEABIRD ID GUIDE
- ATTACHMENT D INCIDENTAL MARINE WILDLIFE SIGHTINGS FORM





## 1. PROGRAM DESCRIPTION AND OBJECTIVES

A Seabird Monitoring Standard Operating Procedure (SOP) has been developed to guide onboard monitoring for seabirds. This SOP satisfies the Meadowbank Mine NIRB Project Certificate No. 008 Condition 40 and the Meliadine NIRB Project Certificate No.006 Condition 82.

The purpose of this SOP is to identify the monitoring and mitigation procedures for shipping companies contracted by Agnico Eagle to avoid potential effects to seabirds, as per the Marine Mammal and Seabird Monitoring (MMSO) program. This document outlines the following:

- How to avoid or adjust shipping speed near sensitive wildlife habitat along shipping routes;
- How to record observations of seabirds;
- Potential mitigation if large groups of seabirds are observed;
- How to record and report mitigation measures taken, if applicable; and
- How to record and report ship strikes of seabirds, if they occur.

Agnico Eagle will update this SOP as necessary, in response to feedback from Environment and Climate Change Canada (ECCC) or in response to data collected in the field or scientific advances.

## 2. SEABIRD MONITORING

### 2.1 Overview

The following protocol will be implemented during the Marine Mammal and Seabird Observer (MMSO) program:

- A minimum of one assigned MMSO will be present on-board vessels during all transits;
- The MMSO will conduct seabird observations along the shipping route from the bridge during daylight hours and record sightings into the *Seabird Sightings Form* (Attachment A); and
- The shipping contractor will initiate mitigation measures designed to minimize Project impacts on seabirds, as identified in the Marine Shipping Mitigation Summary Booklet (e.g., remain 500 m from bird colonies on land, remain 2 km from Marble Island, remain 500 m from large aggregations of seabirds on water).

### 2.2 Training

The captain is responsible to assign an MMSO to the bridge, and to ensure that the MMSO has been trained to identify marine mammals and seabirds.

Training for the assigned MMSOs includes:

- The pre-trip training live webinar, or review of the recorded webinar prior to beginning the MMSO duties. The recorded webinar will also be available on the ship for review as needed;
- Review the Seabird Monitoring SOP (this document), the Marine Shipping Mitigation Summary Booklet, and the Marine Mammal Monitoring SOP (SOP #SHIP-01);
- Review how to fill out the *Seabird Sightings Form* (Attachment A) and the *Marine Mammal and Seabird Observer (MMSO) Incident Report Form* (Attachment B);
- Review seabird identification, including common species provided in Attachment C; and
- Know how to estimate distances to animals observed.

## 2.3 Equipment Checklist

Bridge staff participating in wildlife monitoring will require the following:

1. This SOP;
2. *Seabird Sightings Form* (Attachment A);
3. Seabird ID Guide (Attachment C);
4. *MMSO Incident Report Form* (Attachment B);
5. Binoculars;
6. GPS (only required if unable to get GPS coordinates from the ship); and
7. Clipboard and pencil.

## 2.4 Seabird Monitoring Methods

Seabird surveys are required along the shipping route from Hudson Strait to Helicopter Island/Rankin Inlet, and during the return journey from Helicopter Island/Rankin Inlet through Hudson Strait (Figure 2.4-1). Surveys must be conducted a minimum of once daily, but three times per day is preferred.

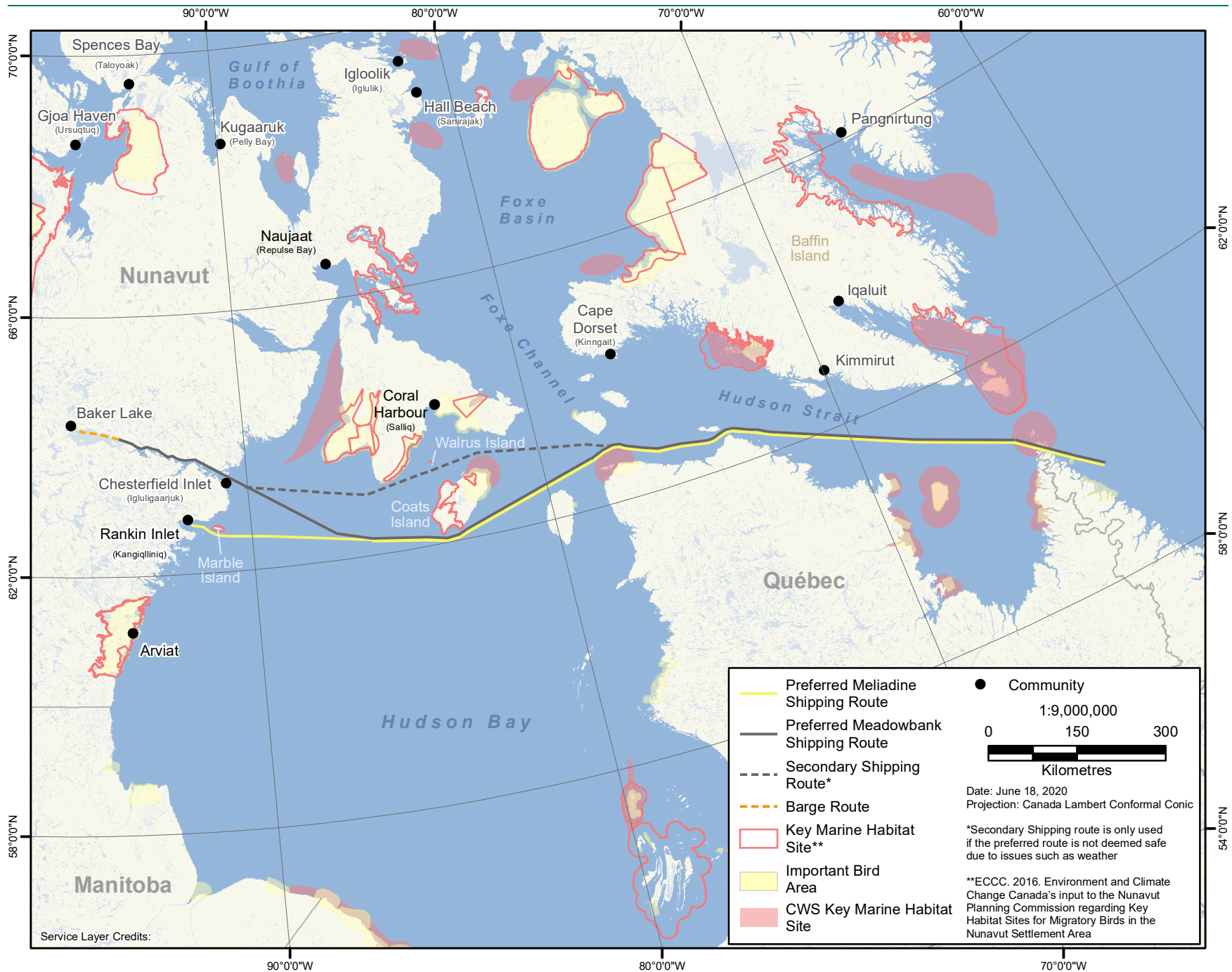
General environmental and seabird sightings information is to be collected and recorded by filling out the *Seabird Sightings Form* (Attachment A). The protocol outlined in this section are best conducted along a transect line, therefore, it is best to start a seabird observation period when the vessel is and will be moving in a straight line for an extended period of time.

### 2.4.1 Observation Period

- Seabird monitoring is required from Hudson Strait to Helicopter Island (Meadowbank) or Rankin Inlet (Meliadine), along the shipping route presented in Figure 2.4-1.
- Conduct three surveys per day, when possible: one morning, one afternoon, and one evening.
- Each seabird survey period will be conducted during **six consecutive five-minute periods** (total of 30 minutes each session). Take a short break at the end of each five-minute period to record the vessel's position and any conditions (ship speed, direction, weather, etc.) that may have changed since the last five-minute survey period.
- Each five-minute survey should be dedicated to surveying for seabirds only and should be completed regardless if birds are present or not.
- If possible, attempt to prioritize conducting surveys around Coats Island, when passing near the shore entering Hudson Bay, and/or approaching Helicopter Island/Rankin Inlet.
- If the vessel is moving (preferred), use methods in Section 2.4.3; if vessel is not moving (stationary), use the methods in Section 2.4.4 below.
- For each observation period, document information on the ship's location, travelling speed and direction, environmental conditions on a *Seabird Sightings Form* (one form per observation period).

### 2.4.2 Observer Position

- Observations should be done from a high location on the vessel, when possible, at a location as close to the port or starboard edge of the platform as possible to increase the detection of seabirds.
- All surveys should be conducted at the same location each time.



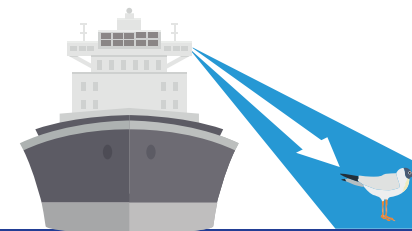
**Figure 2.4-1: Shipping Routes during the Open Water Season**



### 2.4.3 Survey Methods – Moving Vessel

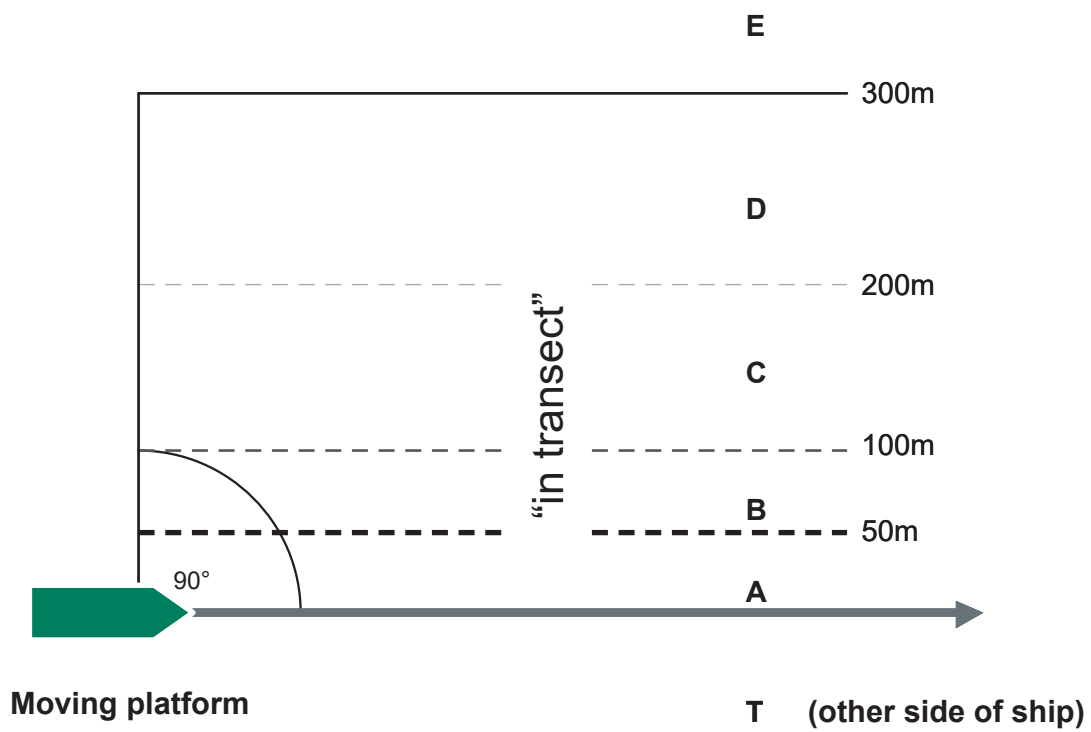
- Conduct 1 to 3 dedicated surveys per day
- Each survey lasts 30 min, made up of **6 separate 5-min observation periods**, beginning in Hudson Strait (see Figure 2.4-2).
- Look forward from the side of the vessel, scanning at a 90° angle from either the port or starboard side depending where the observer is located.
- The transect width within which seabirds are recorded is 300 m from the side of the vessel (see Figure 2.4-3).
- Begin all five-minute surveys by conducting a snapshot survey of birds in flight – i.e., an initial count of all birds seen flying (Section 2.4.3.1).
- Scan ahead regularly (e.g., every minute) to spot birds that may dive as the vessel approaches.
- All birds observed within the 300 m transect, whether flying or on the water, or on sea ice or land, are recorded and are considered in-transect sightings. (Figure 2.4-3).
- Use Figure 2.4-3 (A to E, or T) to record the distance to each bird or flock of birds (to the center of the flock). Ensure to record birds/group of birds only once.
- Birds observed outside the 300 m transect are also recorded if this does not affect observations within the 300 m transect. Distance categories “E” and “T” in Figure 2.4-3 are both considered not in transect.
- Binoculars and spotting scopes can be used to confirm species identification and other details as necessary.
- When a survey period cannot be done because of poor visibility (i.e., when the entire width of the 300 m transect is not visible), the extent of visibility should be noted on the *Seabird Sightings Form*.
- If no birds are observed during a five-minute survey period, “no seabirds observed” must be noted in the “Notes” on the *Seabird Sightings Form*.
- For each observation period crew will document information on the ship’s location, travelling speed and direction, environmental conditions and the details of the wildlife observation (species, behaviour, distance from ship, etc.) on a *Seabird Sightings Form*.
- Attachment C (Common Seabird ID Guide) summarizes general species groups and individual species that are most likely to be observed and is meant to provide a cheat-sheet for only the most common species – other species may occur and Bird ID book can be used. Note that recording a general species group or “unknown species” with a description of the bird in the comments column is better than an incorrect species identification.
- When possible, take photographs of seabird sightings and record the photo name/number alongside sightings records. These photos must be provided to Agnico Eagle along with the completed datasheets
- Ensure no cell on the *Seabird Sightings Form* is left blank.

**Timeline to Complete One 30-Minute Survey  
Using 6 Observations Periods Lasting 5-Minutes**



**Figure 2.4-2: Seabird Survey Methodology using Six Consecutive 5-Minute Observation Periods**

### Distance Categories



Extracted from Gjerdrum et al. 2012

**Figure 2.4-3: Average Proportion of Each Behaviour Type Observed Among at the Start of the Survey.**



### 2.4.3.1 Tips for Recording Birds

If the species of seabird cannot be identified, please ensure to indicate the species group (e.g., gull, puffin-like seabird) as described in the Common Seabird ID Guide (Attachment C), and provide a description of the bird in the comments column of the *Seabird Sightings Form*.

#### Birds on the Water

- All birds observed on the water are recorded throughout the five-minute survey period. If birds in the transect fly off the surface of the water as the vessel approaches, use binoculars to help count them, and record these birds as being on the water. Ensure not to record twice as flying birds during a snapshot survey.

#### Large Groups of Birds

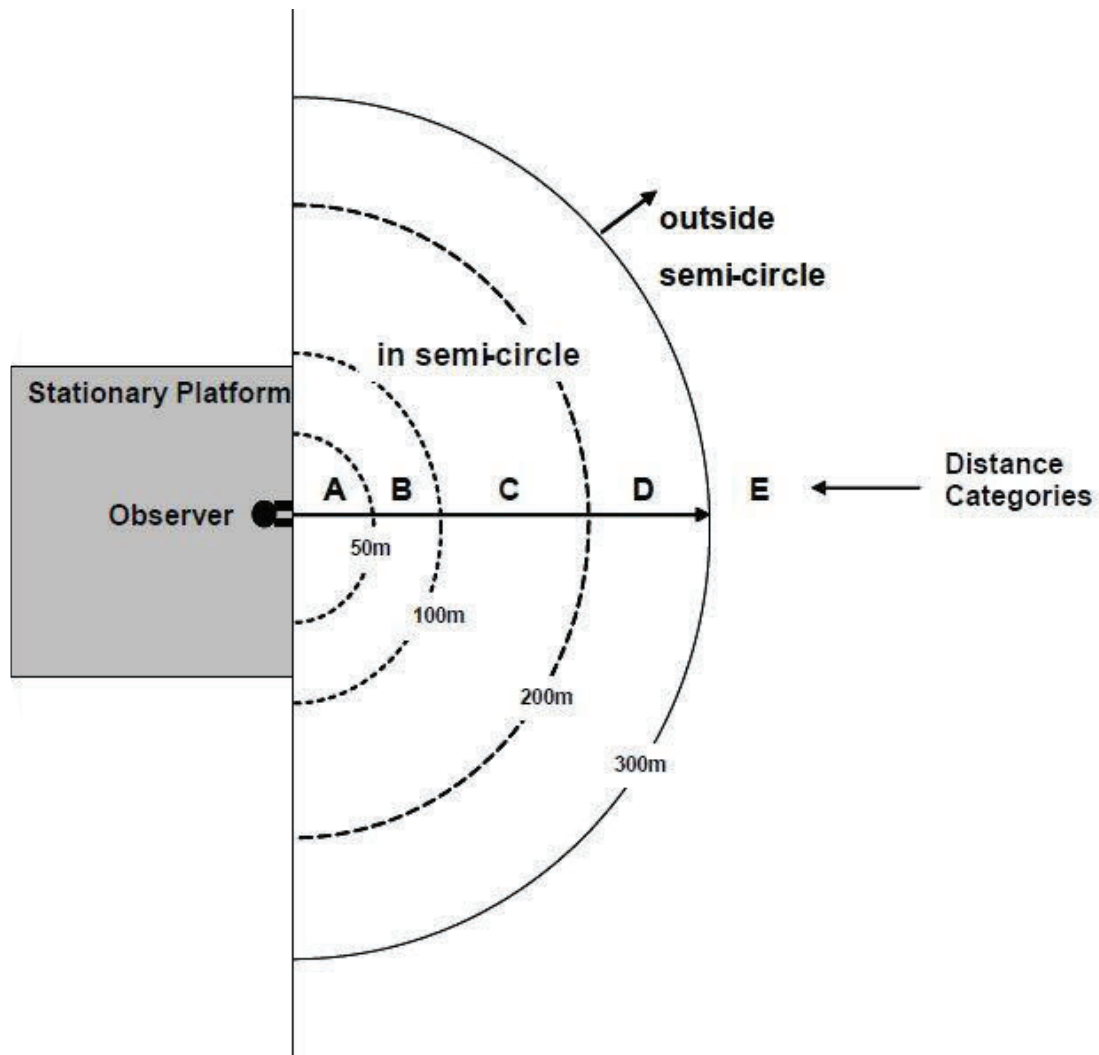
- If it is not practical to estimate distance to each bird or flock of birds, record whether the birds were observed in or out of transect. If it is not practical to note which birds are on the water and which are in flight use the following guidelines:
  - If the majority of the birds are in the air, they can be recorded as flying.
  - If birds appear first on the water and then fly away as the vessel approached, or they continuously move between the water and air, recorded them being as on the water.

#### Birds that Follow the Vessel

- To avoid double counting birds, once a bird is recorded in-flight it is not subsequently recorded again if it follows the ship.

### 2.4.4 Survey Methods – Stationary Vessel

- If the vessel is stationary (e.g., anchored) for a day or portion of a day, then a seabird survey will be required while anchored to ensure the minimum of one survey per day is met.
- Surveys when the vessel is stationary are conducted from the bow (front) of the vessel.
- The length of each scan will depend on the number of birds present at the time of the scan (e.g., it may only last a few seconds if there are no birds present).
- Surveys while the vessel is stationary (e.g., on standby or anchored) are done using counts of birds within a 300 m “semi-circle” area from the vessel, scanning through a 180° arc (Figure 2.4-4).
- All seabirds on water and in flight that are observed within 300 m are recorded. If seabirds are visible beyond 300 m, they are recorded as outside of the 300 m semi-circle.
- The distance to seabirds (inside and outside the 300 m area) from the observer is estimated and recorded for all birds, using Figure 2.4-4 (A to E).
- Binoculars and spotting scopes can be used to confirm species identification and other details as necessary.
- If no birds are observed during the survey, “no seabirds observed” must be noted on the *Seabird Sightings Form*.



Source: extracted from Gjerdrum et al. 2012

**Figure 2.4-4: Seabird Survey Using an 180° Scan from the Bow, Surveying an Area 300 m from a Stationary Observer**

## 2.5 Incidental Seabird Sightings – “Off Effort”

During sailing between Hudson Strait and Helicopter Island/Rankin Inlet, the ship’s crew is required to keep watch for groups of seabirds along the shipping route. This is in addition to the MMSO dedicated surveys. Whenever a group of seabirds is observed outside of the dedicated survey time, this is called an incidental sighting, or “off-effort” sighting. These sightings are recorded on the *Incidental Marine Wildlife Sightings Form* (Attachment D) and provided to Agnico Eagle for reporting. This includes sightings of large groups of seabirds on water, colonies of seabirds on land, or large flocks of seabirds flying.

If an incidental sighting is close to the vessel and requires mitigation measures, or if a ship strike occurs, refer to Section 3 of this SOP and complete the *MMSO Incident Report Form* (Attachment B).

## 3. MITIGATION AND REPORTING

In the event bridge crew observe large groups of seabirds requiring mitigation or management measures, recommended responses are outlined in Table 3-1. Mitigation responses will be documented on the *Seabird Sightings Form* in the “Comments” column for that observation.

**Table 3-1: Recommended Shipping Mitigation Responses for Seabirds**

Observation	Management Response
<b>Seabirds</b>	
Marble Island	2 km
Colonies and aggregations of seabirds (on water or land) during Project shipping transiting through Hudson Strait, Hudson Bay, and Chesterfield Inlet	500 m setback

If bridge crew determine a ship strike of a group of seabirds has occurred, they will complete the *MMSO Incident Report Form* (Attachment B), and indicate on the *Seabird Sightings Form* that the observation was the result of a ship strike.

All records of bird collisions will be provided to Canadian Wildlife Service (CWS) on a weekly basis, as vessel communications allow (i.e., as internet connections allow). Immediate reporting will be required in the event that multiple bird collisions occur (involving more than five individuals) and the incidents appear related (i.e., similar time period, location, and weather conditions). In this instance, the regional Environment and Climate Change Canada (ECCC) Wildlife Enforcement Officer (contact information provided below) will be contacted to provide advice on the implementation of adaptive management techniques to attempt to reduce the likelihood of collisions occurring in the future.

### If a seabird and vessel collision occurs, contact:

- CWS, Jean-Francois Dufour: [jean-francois.dufour2@Canada.ca](mailto:jean-francois.dufour2@Canada.ca)
- ECCC Wildlife Enforcement: [ec.dalfnord-wednorth.ec@canada.ca](mailto:ec.dalfnord-wednorth.ec@canada.ca)



## 4. END OF TRIP REPORTING REQUIREMENTS

The following information will be submitted to the Agnico Eagle Environment Team (contact information provided at the top of this SOP) after each shipping trip for collation into a database:

1. Spatial file of the shipping route;
2. Completed *Seabird Sightings Forms*;
3. Completed *MMSO Incident Report Form* (if required); and
4. Photographs taken of sightings.

## 5. REFERENCES AND RECOMMENDED GUIDES

ECCC. 2016. *Environment and Climate Change Canada's input to the Nunavut Planning Commission regarding Key Habitat Sites for Migratory Birds in the Nunavut Settlement Area*. Revised May 2016. 140 pp.

Gjerdrum et al. 2012. *Eastern Canada Seabirds at Sea (ECSAS) Standardized Protocol for Pelagic Seabird Surveys from Moving and Stationary Platforms*.

Latour, P. B., J. Leger, J. E. Hines, M. L. Mallory, D. L. Mulders, H. G. Gilchrist, P. A. Smith, and D. L. Dickson. 2008. *Key Migratory Bird Terrestrial Habitat Sites in the Northwest Territories and Nunavut*. Canadian Wildlife Service Occasional Paper Number 114. Canadian Wildlife Service: Ottawa, ON.

Mallory, M. L. and A. J. Fontaine. 2004. *Key Marine Habitat Sites for Migratory Birds in Nunavut and the Northwest Territories*. Canadian Wildlife Service Occasional Paper Number 109. Canadian Wildlife Service: Ottawa, ON.

Sibley. 2016. *Field Guide to the Birds of Eastern North America: Second Edition*.

## **ATTACHMENT A SEABIRD SIGHTINGS FORM**

**Seabird Sightings Form** (circle options that are *italicized* as appropriate)

<b>Survey Type</b> (circle one):		<i>Moving Vessel</i>		<i>Stationary Vessel</i>	
<b>General Information</b>					
<b>Date (DD/MMM/YYYY)</b>		<b>Observer Name</b>		<b>Height of Eye (m)</b>	
<b>Vessel Information</b>					
<b>Company/Agency</b>		<b>Vessel Type</b>		<b>Vessel Heading</b>	
<b>Vessel Name</b>		<b>Vessel Activity</b>	<i>Moving</i> <i>Stationary</i>	<b>Vessel Speed (kt)</b>	
<b>Environmental Information</b>					
<b>Weather</b>	<i>Clear</i>	<i>Partly Cloudy</i>	<i>100% Cloud</i>	<i>Fog</i>	<i>Rain</i> <i>Snow</i>
<b>Beaufort Wind Force</b>	<i>Calm</i>	<i>Light Wind</i>	<i>Strong Wind</i>	<i>Gale Force Wind</i>	<i>Stormy</i>
<b>Wind Direction (Deg)</b>		<b>Glare Conditions</b>	<i>None</i> <i>Slight Grey</i> <i>Bright</i>	<b>Visibility (km)</b>	
<b>Survey Information</b>					
<b>Observer Location</b>	<i>Outdoors</i>	<i>Indoors</i>	<b>Observation Side</b>	<i>Starboard</i>	<i>Port</i> <i>Bow</i>
<b>Notes:</b>					

5-min Survey #1 of 6 Start		Local Time (24 hr)			Latitude (DD)			Longitude (DD)	
Species	Count	Observation Type (Fly or Water)	In Transect (Y/N)	Distance Zone (A,B,C,D,E)	Behaviour (escape flight, rafting, other)	Flight Direction (Deg)	Age (Adult/Young)	Plumage (breeding/non-breeding/molt)	Comments*
5-min Survey #1 of 6 End		Local Time (24 hr)			Latitude (DD)			Longitude (DD)	

5-min Survey #2 of 6 Start		Local Time (24 hr)			Latitude (DD)			Longitude (DD)	
Species	Count	Observation Type (Fly or Water)	In Transect (Y/N)	Distance Zone (A,B,C,D,E)	Behaviour (escape flight, rafting, other)	Flight Direction (Deg)	Age (Adult/Young)	Plumage (breeding/non-breeding/molt)	Comments*
5-min Survey #2 of 6 End		Local Time (24 hr)			Latitude (DD)			Longitude (DD)	

5-min Survey #3 of 6 Start		Local Time (24 hr)			Latitude (DD)			Longitude (DD)	
Species	Count	Observation Type (Fly or Water)	In Transect (Y/N)	Distance Zone (A,B,C,D,E)	Behaviour (escape flight, rafting, other)	Flight Direction (Deg)	Age (Adult/Young)	Plumage (breeding/non-breeding/molt)	Comments*
5-min Survey #3 of 6 End		Local Time (24 hr)			Latitude (DD)			Longitude (DD)	



5-min Survey #4 of 6 Start		Local Time (24 hr)			Latitude (DD)			Longitude (DD)	
Species	Count	Observation Type (Fly or Water)	In Transect (Y/N)	Distance Zone (A,B,C,D,E)	Behaviour (escape flight, rafting, other)	Flight Direction (Deg)	Age (Adult/Young)	Plumage (breeding/non-breeding/molt)	Comments*
5-min Survey #4 of 6 End		Local Time (24 hr)			Latitude (DD)			Longitude (DD)	

5-min Survey #5 of 6 Start		Local Time (24 hr)			Latitude (DD)			Longitude (DD)	
Species	Count	Observation Type (Fly or Water)	In Transect (Y/N)	Distance Zone (A,B,C,D,E)	Behaviour (escape flight, rafting, other)	Flight Direction (Deg)	Age (Adult/Young)	Plumage (breeding/non-breeding/molt)	Comments*
5-min Survey #5 of 6 End		Local Time (24 hr)			Latitude (DD)			Longitude (DD)	

5-min Survey #6 of 6 Start		Local Time (24 hr)			Latitude (DD)			Longitude (DD)	
Species	Count	Observation Type (Fly or Water)	In Transect (Y/N)	Distance Zone (A,B,C,D,E)	Behaviour (escape flight, rafting, other)	Flight Direction (Deg)	Age (Adult/Young)	Plumage (breeding/non-breeding/molt)	Comments*
5-min Survey #6 of 6 End		Local Time (24 hr)			Latitude (DD)			Longitude (DD)	

## **ATTACHMENT B MMSO INCIDENT REPORT FORM**

## Marine Mammals and Seabird Observer (MMSO) Incident Report

Project Information		
Client: Agnico Eagle		Date:
Project Name (circle one): <i>Meadowbank</i> <i>Meliadine</i>		General Location:
Vessel Contractor Information		
Vessel Contractor Name:		Site Supervisor or Captain:
Vessel Name/Type:		
MMSO Name:		
General Weather Conditions (throughout the day):	Wind (knots):	
	Sea State:	
	Swell Height (m):	
	Temperature (°C):	
	Notes:	
Time Start/Time End MMSO Duties (HH:MM):	Start:	End:

### Mitigation Log\*

Time (UTC; HH:MM)	Was Mitigation Implemented?	Location		Rationale for Implementation
		Latitude (DD)	Longitude (DD)	

\*Fill in this section if vessel is required to route north of Coats Island due to safety concerns

### Record of Vessel-Animal Collisions/Interactions

Species	Number of Individuals	Time (HH:MM)	Location		Visibility (m)/ Sea State	Comments
			Latitude (DD)	Longitude (DD)		

### Summary of Issues and Recommendations/Actions

Date Noted	Issue	Recommendation/Action	Date Resolved	Comments



## **ATTACHMENT C COMMON SEABIRD ID GUIDE**

# COMMON SEABIRD ID GUIDE

## Small Seabirds

### Red Phalarope

**Size:** L 8.5" WS 17" WT 1.9 oz (55 g)

**Body:** Very small, shorebird-like seabird



### Red-necked Phalarope

**Size:** L 7.75" WS 15" WT 1.2 oz (35 g)

**Body:** Very small, shorebird-like seabird



## Puffin-like Seabirds

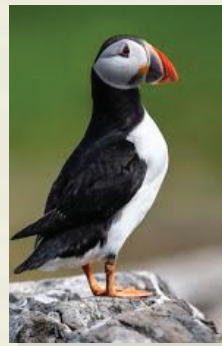
### Atlantic Puffin

**Size:** L 12.5" WS 21" WT 13 oz (380 g)

**Body:** Small, stocky, bright bill, black and white plumage

**DCs:**

- Colourful bill
- Black band around neck while flying



### Razorbill

**Size:** L 17" WS 26" WT 1.6 lbs

**Body:** Medium, long tail, black and white plumage

**DCs:**

- Large, thick bill
- Long-pointed tail
- Dark rump



### Thick-billed Murre

**Size:** L 18" WS 28" WT 2.1 lbs

**Body:** Medium, stocky; black and white plumage

**DCs:**

- Short bill
- Pure white belly
- Larger head than Common





# COMMON SEABIRD ID GUIDE

## Long-winged Seabirds

### Northern Fulmar

**Size:** L 18" WS 42"  
WT 1.3 lbs

**Body:** Large, stocky and thick-necked



## Gulls

### Herring Gull

**Size:** L 25" WS 58" WT 2.5 lbs

**Body:** Large, white-headed

**DCs:**

- Medium grey back
- Black and white wing tips



### Iceland Gull

**Size:** L 22" WS 54" WT 1.8 lbs

**Body:** Medium, white-headed

**DCs:**

- Light- great back
- No or less dark marks on wing tips



### Glaucous Gull

**Size:** L 27" WS 60" WT 3.1 lbs

**Body:** Large, white-headed

**DCs:**

- Light- great back
- White wing tips



### Black-legged Kittiwake

**Size:** L 17" WS 36"  
WT 14 oz (400g)

**Body:** Small, white-headed

**DCs:**

- Black legs
- Solid yellow bill
- Black tipped wings



## Gull-like Seabirds

### Long-tailed Jaeger

**Size:** L 15" WS 43" WT 11 oz (300 g)

**Body:** Medium, Slender gull-like seabird

**DCs:**

- Very long tail
- State grey back, dark cap
- No chest band



### Parasitic Jaeger

**Size:** L 16.5" WS 46" WT 1 lb

**Body:** Medium, Slender gull-like seabird

**DCs:**

- Dark back and wings; dark cap
- Pale chest with weak dark band
- Longer tail



### Pomarine Jaeger

**Size:** L 18.5" WS 52" WT 1.5 lbs

**Body:** Medium, heavy body, broad wings

**DCs:**

- Dark back and wings; dark head
- Pale chest with dark band





# COMMON SEABIRD ID GUIDE

## Sea Ducks

### Greater Scaup

**Size:** L 18" WS 28" WT 2.3 lbs

**Body:** Medium; black and white duck (male)



### Common Eider

**Size:** L 24" WS 38" WT 4.7 lbs

**Body:** Large; wedge-shaped head, mainly white face, neck and back (male)



### Long-tailed Duck

**Size:** L 16.5" WS 28" WT 1.6 lbs

**Body:** Small; round body, dark wings, distinctive patterns and long tail (male)



## Loons

### Common Loon

**Size:** L 32" WS 46" WT 9 lbs

**Body:** Very large; thick body, boldly patterned back and neck; heavy bill

**DCs:**

- Black head and bill
- Black and white pattern on back
- White chest and belly



## Sea Ducks/Seabirds

### Surf Scoter

**Size:** L 20" WS 30" WT 2.1 lbs

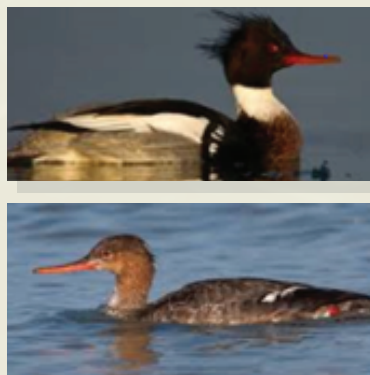
**Body:** Medium; dark-bodied sea duck; large multicoloured bill (male)



### Red-breasted Merganser

**Size:** L 25" WS 34" WT 2.3 lbs

**Body:** Large; thin-billed, black, tufted-head, white neck (male)



### Black Guillemot

**Size:** L 13" WS 21" WT 15 oz (430g)

**Body:** Small; chunky, black body, white wings



### Red-throated Loon

**Size:** L 25" WS 38" WT 3.1 lbs

**Body:** Large; smaller, slender body, short neck compared to Common

**DCs:**

- Grey head and back
- Rust coloured throat
- White chest and belly






## **ATTACHMENT D INCIDENTAL MARINE WILDLIFE SIGHTINGS FORM**



**AGNICO EAGLE**

# Incidental Marine Wildlife Sightings Form

(1 form per observation; PLEASE PRINT; circle options provided in *italics* as appropriate)

General Information			
Vessel Name		Date	
Observer Name		Local Time (24 hr)	
Vessel Information			
Ship Speed (kt)		Ship Heading (compass)	
Latitude (decimal degrees)		Longitude (decimal degrees)	
Environmental Information			
Beaufort Wind Force		Visibility (km)	
Wind Direction			
Observation Information			
Species <sup>1</sup>		ID Reliability	<i>Positive / Probable / Maybe</i>
Distance from vessel when first seen (m)		How close did the animal get to the vessel (m)?	
Number of Individuals	<i>Best Estimate:</i> <input type="text"/> <b>OR</b> <i>Maximum/Minimum:</i> <input type="text"/>		
Behaviour	Mammals:	<i>Swimming</i>	<i>Diving</i>
		<i>Dead</i>	<i>Resting on land</i>
	Birds:	<i>Flying</i>	<i>Feeding</i>
		<i>Resting on ocean surface</i>	<i>Resting on land</i>
	<i>Escape Ship - Flying</i>	<i>Escape Ship - Diving</i>	<i>Dead</i>
Other (describe):	<input type="text"/>		
Other notes (e.g., physical descriptions, distinctive behaviours, drawing)	<input type="text"/>	Position & Travel Relative to Ship [draw arrow]	 <b>OR</b> <i>Variable Travel Directions</i>
Was this observation the result of a SHIP STRIKE?	Yes	No	<i>If yes, fill out "MMSO Incident Report"</i>
Mitigation Action Taken			
	Yes	No	
If yes, describe mitigation actions (e.g., change in course or speed) and result (e.g., maintained a buffer of x metres from wildlife)	ACTION: <input type="text"/>  RESULT: <input type="text"/>		

<sup>1</sup> Refer to list of species in the ID Guides

## **APPENDIX D      MARINE MAMMAL SURVEY DATA AND SIGHTINGS INFORMATION, 2022**

Appendix D: Marine Mammal Survey Data And Sightings Information, 2022

Survey Target	Project	Date	Survey Type	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather Notes	Glare Condition Notes	Sea State Code	Wave Height (m)	Wind Speed (Beaufort Scale)	True Wind Direction (deg)	Platform Speed (Knots)	Height of Eye (m)	Species Observed?	Species	Count
Mammals																				Yes	Other Species	
Mammals		13-Jul-22	Transect							Moving	10					Calm		3		Yes	Atlantic Walrus	4
Mammals		13-Jul-22	Transect							Moving	10					Calm		6		Yes	Harbour Seal	
Mammals		15-Jul-22	Transect							Moving	30					Light Wind	225	7.4		Yes	Harbour Seal	
Mammals		22-Jul-22	Transect	22:30	0:00	062°04.5°N	-072°03.1°E	062°12.5°N	-072°26.6°E	Moving	10	Partly Cloudy	Slight Grey	1	0.5	Light Wind	90	11.5	20	No	No Observations	
Mammals		23-Jul-22	Transect	8:35	10:35	062°48.5°N	-075°48.9°E	062°47.7°N	-076°05.2°E	Moving	10	100% Cloud	Slight Grey	1	0.5	Light Wind	90	12	20	No	No Observations	
Mammals		24-Jul-22	Transect	21:00	0:00	063°05.7°N	-089°23.4°E	063°17.7°N	-090°19.8°E	Moving	10	Clear	Bright	1	1	Light Wind	322	9	20	No	No Observations	
Mammals		27-Jul-22	Stationary	10:00	12:00	063°56.5°N	-093°37.7°E	063°56.5°N	-093°37.7°E	Stationary	10	Clear	None	0	0	Light Wind	300	0	20	No	No Observations	
Mammals		28-Jul-22	Stationary	8:00	12:00	063°56.5°N	-093°37.7°E	063°56.5°N	-093°37.7°E	Stationary	10	Partly Cloudy	Slight Grey	0	0	Light Wind		0	20	No	No Observations	
Mammals		29-Jul-22	Stationary	22:00	0:00	063°56.5°N	-093°37.7°E	063°56.5°N	-093°37.7°E	Stationary	7	Partly Cloudy	Slight Grey	1	0.5	Strong Wind	30	0	20	No	No Observations	
Mammals		30-Jul-22	Stationary	9:30	11:30	063°56.5°N	-093°37.7°E	063°56.5°N	-093°37.7°E	Stationary	10	Clear	Slight Grey	1	0.5	Light Wind	340	0	20	No	No Observations	
Mammals		31-Jul-22	Stationary	21:30	0:00	063°56.5°N	-093°37.7°E	063°56.5°N	-093°37.7°E	Stationary	10	Partly Cloudy	None	0	0	Calm		0	20	No	No Observations	
Mammals		01-Aug-22	Stationary	21:00	0:00	063°56.4°N	-093°37.7°E	063°56.4°N	-093°37.7°E	Stationary	10	Partly Cloudy	None	1	1	Strong Wind	350	0	20	No	No Observations	
Mammals		02-Aug-22	Stationary	8:00	12:00	063°56.4°N	-093°37.7°E	063°56.4°N	-093°37.7°E	Stationary	10	Partly Cloudy	None	1	1	Strong Wind	340	0	20	No	No Observations	
Mammals		03-Aug-22	Stationary	20:00	0:00	063°56.4°N	-093°37.7°E	063°56.4°N	-093°37.7°E	Stationary	10		None	1	1	Strong Wind	340	0	20	No	No Observations	
Mammals		04-Aug-22	Stationary	9:00	11:00	063°54.3°N	-093°37.7°E	063°54.3°N	-093°37.7°E	Stationary	10		Slight Grey	1	1	Strong Wind	350	0	26	No	No Observations	
Mammals		05-Aug-22	Stationary	8:00	10:00	063°56.4°N	-093°37.7°E	063°56.4°N	-093°37.7°E	Stationary	10	Clear	Bright	0	0	Light Wind		0	20	No	No Observations	
Mammals		06-Aug-22	Transect	8:00	10:00	063°54.3°N	-092°58.8°E	063°41.4°N	-091°51.0°E	Moving	16	Clear	Slight Grey	0	0.5	Calm	30	11	20	Yes	Unknown Seal	6
Mammals		07-Aug-22	Transect	10:00	12:00	061°57.7°N	-083°51.3°E	061°53.4°N	-083°17.4°E	Moving	10	Partly Cloudy	None	2	1	Light Wind	292	10	20	No	No Observations	
Mammals		08-Aug-22	Transect	10:00	12:00	062°49.7°N	-075°01.5°E	062°49.5°N	-074°10.5°E	Moving	10	Partly Cloudy	Bright	1	0.5	Calm		10	20	No	No Observations	
Mammals		08-Aug-22	Transect	20:00	22:00	062°16.4°N	-072°14.5°E	062°08.1°N	-070°39.3°E	Moving	10	Clear		1	0.5	Calm		10	20	No	No Observations	
Mammals		08-Aug-22																		Yes	Muskox	3
Mammals		09-Aug-22	Transect	8:00	10:00	061°18.5°N	-066°52.6°E	061°09.5°N	-066°11.3°E	Moving	10	Partly Cloudy	Bright	1	0.5	Light Wind	247	11.5	20	No	No Observations	
Mammals	Both	10-Oct-22	Stationary	13:00	14:30	063°56.1°N	-093°37.2°E	063°56.1°N	-093°37.2°E	Stationary	10	Partly Cloudy	None	2	0.3	Light Wind	40	0	34	No	No Observations	
Mammals	Both	11-Oct-22	Stationary	13:00	14:30	063°56.1°N	-093°37.5°E	063°56.1°N	-093°37.5°E	Stationary	8	100% Cloud	None	4	1.2	Strong Wind	125	0	34	No	No Observations	
Mammals	Both	12-Oct-22	Stationary	9:30	11:00	063°56.1°N	-093°37.5°E	063°56.1°N	-093°37.5°E	Stationary	6	100% Cloud	None	4	1.2	Gale Force Wind	115	0	34	No	No Observations	
Mammals	Both	13-Oct-22	Transect	13:11	15:18	063°17.1°N	-090°21.2°E	062°55.8°N	-090°24.1°E	Moving	1			5	1.5	Light Wind	90	10.2	34	No	No Observations	
Mammals	Both	15-Oct-22	Stationary	10:00	11:30	062°46.7°N	-092°05.8°E	062°46.6°N	-092°05.8°E	Stationary	6	100% Cloud	None	2	0.2	Light Wind	250	0	34	No	No Observations	
Mammals	Both	16-Oct-22	Stationary	10:00	11:30	062°45.3°N	-092°06.2°E	062°45.3°N	-092°06.2°E	Stationary	10	100% Cloud	None	5	1.2	Gale Force Wind	340	0	34	No	No Observations	
Mammals	Both	17-Oct-22	Stationary	13:00	14:30	062°46.5°N	-092°05.6°E	062°46.5°N	-092°05.6°E	Stationary	10	Partly Cloudy	None	2	30	Light Wind	345	0	34	No	No Observations	
Mammals	Both	19-Oct-22	Stationary	13:00	14:30	062°46.4°N	-092°05.3°E	062°46.4°N	-092°05.3°E	Stationary	10	Partly Cloudy	Slight Grey	2	0.2	Light Wind	330	0	34	No	No Observations	
Mammals	Both	22-Oct-22	Transect	16:03	17:20	062°01.3°N	-083°57.3°E	062°01.3°N	-083°18.5°E	Moving	7	100% Cloud	None	4	1.3	Strong Wind	290	13	34	No	No Observations	
Mammals	Both	23-Oct-22	Transect	10:49	12:00	062°32.9°N	-074°23.0°E	062°32.1°N	-073°49.8°E	Moving	7	Partly Cloudy	None	3	1	Strong Wind	270	12.5	34	No	No Observations	
Mammals	Both	04-Oct-22	Transect	9:08	10:08	061°36.5°N	-068°39.6°E	061°40.2°N	-068°53.9°E	Moving	5	100% Cloud	None	5	1.5	Strong Wind	270	11.3	34	No	No Observations	
Mammals	Both	05-Oct-22	Transect	8:39	10:01	062°36.0°N	-075°55.5°E	062°38.2°N	-076°24.2°E	Moving	5	100% Cloud	None	6	2	Strong Wind	310	9.6	34	No	No Observations	
Mammals	Both	06-Oct-22	Transect	11:19	12:03	063°05.3°N	-087°55.4°N	063°06.7°N	-088°16.0°E	Moving	7	Partly Cloudy	Slight Grey	4	1	Light Wind	290	13.5	34	No	No Observations	
Mammals	Both	08-Oct-22	Transect							Moving	5	100% Cloud	None	1	0.2	Calm	225	12.1	34	Yes	Other Species	13
Mammals	Both	08-Oct-22	Transect	15:47	16:48	063°48.7°N	-092°40.6°E	063°54.6°N	-093°02.6°E	Moving	7	100% Cloud	None	1	0.2	Light Wind	225	12.5	34	Yes	Muskox	1
Mammals	Both	09-Oct-22	Stationary	10:00	11:30	063°56.0°N	-093°37.3°E	063°56.0°N	-093°37.3°E	Stationary	10	100% Cloud	None	3	0.6	Strong Wind	330	0	34	No	No Observations	
Mammals	Both	20-Aug-22	Transect	5:00	6:00	060°52.3°N	-065°13.1°E	060°56.9°N	-065°37.9°E	Moving	4	Fog	None	4	1	Strong Wind		12.2	20	No	No Observations	
Mammals	Both	21-Aug-22	Transect	5:00	6:00	062°38.8°N	-076°00.4°E	062°40.8°N	-076°28.0°E	Moving	12	100% Cloud	None	4	0.35	Strong Wind	140	13.5	20	No	No Observations	
Mammals	Both	22-Aug-22	Transect	5:00	6:00	062°58.0°N	-087°18.3°E	063°00.0°N	-087°40.8°E	Moving	12	Partly Cloudy	Slight Grey	5	2	Strong Wind	348	11.5	20	No	No Observations	
Mammals	Both	23-Aug-22	Stationary	5:00	6:00	063°19.5°N	-090°40.4°E	063°19.5°N	-090°40.4°E	Stationary	12	100% Cloud	None	3	0.15	Strong Wind	340	0	20	No	No Observations	
Mammals	Both	24-Aug-22	Stationary	5:00	6:00	063°56.4°N	-093°36.7°E	063°56.4°N	-093°36.7°E	Stationary	12	Partly Cloudy	None	2	0.15	Strong Wind	343	0	20	No	No Observations	
Mammals	Both	25-Aug-22	Stationary	7:00	8:00	063°56.4°N	-093°36.7°E	063°56.5°N	-093°36.7°E	Stationary	12	100% Cloud	None	3	0.2		345	0	20	No	No Observations	
Mammals	Both	26-Aug-22	Stationary	6:00	7:00	063°56.5°N	-093°36.7°E	063°56.5°N	-093°36.7°E	Stationary	12	Partly Cloudy	None	3	0.2		335	0	20	No	No Observations	
Mammals	Both	27-Aug-22	Stationary	6:00	7:00	063°56.5°N	-093°37.2°E	063°56.5°N	-093°37.2°E	Stationary	12	100% Cloud	None	1	0	Calm	180	0	20	No	No Observations	
Mammals	Both	15-Sep-22	Transect	13:00	14:00	060°45.4°N	-065°38.0°E	060°50.0°N	-066°00.3°E	Moving	1	Fog	Slight Grey	2	1.5	Light Wind	315	13	33	No	No Observations	
Mammals	Both	16-Sep-22	Transect	13:00	14:00	062°31.2°N	-075°30.9°E	062°30.9°N	-076°00.3°E	Moving	15	100% Cloud	None	1	1	Light Wind	225	14	33	Yes	Fin Whale	2



Appendix D: Marine Mammal Survey Data And Sightings Information, 2022

Survey Target	Project	Date	Survey Type	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather Notes	Glare Condition Notes	Sea State Code	Wave Height (m)	Wind Speed (Beaufort Scale)	True Wind Direction (deg)	Platform Speed (Knots)	Height of Eye (m)	Species Observed?	Species	Count
Mammals	Both	17-Sep-22	Transect	13:00	14:00	062°05.0'N	-085°40.3'E	062°07.0'N	-085°59.5'E	Moving	20	Partly Cloudy	None	2	2	Light Wind	315	14	33	No	No Observations	
Mammals	Both	26-Sep-22	Transect							Moving	15					Light Wind	315	13.6		Yes	Harbour Seal	2
Mammals	Both	27-Sep-22	Transect	13:00	14:00	061°55.1'N	-083°44.1'E	061°55.0'N	-083°15.6'E	Moving	20	Clear	None	2	2	Light Wind	315	15	33	No	No Observations	
Mammals	Both	28-Sep-22	Transect	13:00	14:00	062°21.0'N	-072°17.5'E	062°15.0'N	-071°32.0'E	Moving	20	Partly Cloudy	None	2	2	Strong Wind		14	33	No	No Observations	
Mammals	Meadowbank	10-Jul-22	Stationary	14:00	15:30	062°46.6'N	-092°05.5'E	062°46.6'N	-092°05.5'E	Stationary	10	Clear	None	2	0.2	Light Wind	190	0	33	Yes	Unknown Seal	1
Mammals	Meadowbank	10-Jul-22	Stationary	13:20		062°48.8'N	-092°03.3'E			Stationary	6	100% Cloud	Slight Grey	0	0	Light Wind	128	0	10	No	No Observations	
Mammals	Meadowbank	11-Jul-22	Stationary	10:00	11:30	062°46.6'N	-092°05.5'E	062°46.6'N	-092°05.5'E	Stationary	10	Clear	Bright	2	0.15	Light Wind	200	0	33	No	No Observations	
Mammals	Meadowbank	11-Jul-22	Stationary	13:30		062°48.9'N	-092°03.3'E	062°48.9'N	-092°03.3'E	Stationary	7	100% Cloud	Slight Grey	0	0	Light Wind	210	0	10	No	No Observations	
Mammals	Meadowbank	12-Jul-22	Transect	7:00	8:57	063°43.0'N	-091°56.9'E	063°52.2'N	-092°46.7'E	Moving	7	100% Cloud	Slight Grey	0	0	Light Wind	210	16.1	10	Yes	Unknown Seal	1
Mammals	Meadowbank	13-Jul-22	Transect	8:30	10:30	064°00.8'N	-094°19.3'E	064°30.6'N	-094°06.0'E	Moving	7	Clear	None	1	0	Light Wind	225	12	20	No	No Observations	
Mammals	Meadowbank	13-Jul-22	Stationary	10:00	11:30	062°46.5'N	-092°05.3'E	062°46.5'N	-092°05.3'E	Stationary	10	Clear	Bright	0	0	Calm		0	34	No	No Observations	
Mammals	Meadowbank	13-Jul-22	Stationary	14:00	15:50	063°56.0'N	-093°38.1'E	063°56.0'N	-093°38.1'E	Stationary	8	Partly Cloudy	Slight Grey	0	0	Calm	180	0	10	No	No Observations	
Mammals	Meadowbank	14-Jul-22	Stationary	8:00	10:00	063°56.3'N	-093°38.2'E	063°56.3'N	-093°38.4'E	Stationary	6	Clear	None	1	0.5	Light Wind	315	12	20	No	No Observations	
Mammals	Meadowbank	14-Jul-22	Stationary	13:00	14:45	063°56.0'N	-093°38.1'E	063°56.1'N	-093°38.1'E	Stationary	7	Partly Cloudy	Slight Grey	1	0.3	Strong Wind	145	0	10	No	No Observations	
Mammals	Meadowbank	15-Jul-22	Stationary							Stationary	6	Partly Cloudy	Slight Grey	1	1		315	0	20	No	No Observations	
Mammals	Meadowbank	15-Jul-22	Transect	15:41	17:01	062°05.2'N	-082°43.5'E	062°10.9'N	-082°04.4'E	Moving	0.2	Fog	None	2	0.4	Light Wind	19	13.7	34	No	No Observations	
Mammals	Meadowbank	16-Jul-22	Transect	12:05	14:10	064°07.3'N	-094°22.1'E	064°09.8'N	-094°56.3'E	Moving		Clear	None	0	0	Light Wind	315	1.5	20	No	No Observations	
Mammals	Meadowbank	16-Jul-22	Transect	16:40	15:05	061°42.5'N	-070°37.3'E	061°31.4'N	-070°00.8'E	Moving	15	Partly Cloudy	Bright	0	0.1	Calm	12	12.4	34	No	No Observations	
Mammals	Meadowbank	16-Jul-22	Transect	19:30	21:30	063°17.1'N	-090°20.0'E	063°08.3'N	-089°36.5'E	Moving	20	Partly Cloudy	Slight Grey	0	0	Calm	280	12	20	Yes	Bearded Seal	80
Mammals	Meadowbank	17-Jul-22	Transect							Moving	10							13		Yes	Unknown Seal	3
Mammals	Meadowbank	17-Jul-22	Transect	13:41	15:00	060°07.8'N	-060°45.6'E	060°01.3'N	-060°15.2'E	Moving	10	Partly Cloudy	Slight Grey	0	0.1		20	12.9	34	Yes	Unknown Seal	
Mammals	Meadowbank	17-Jul-22	Transect	19:00	21:00	062°18.4'N	-081°02.5'E	062°30.7'N	-080°10.2'E	Moving	12	Partly Cloudy	Slight Grey	0	0	Light Wind	30	12	20	No	No Observations	
Mammals	Meadowbank	18-Jul-22	Transect			061°59.8'N	-071°06.3'E			Moving	15					Calm		13		Yes	Unknown Seal	3
Mammals	Meadowbank	24-Jul-22	Transect							Moving	10					Light Wind		10.4		Yes	Unknown Seal	15
Mammals	Meadowbank	24-Jul-22	Transect							Moving	10					Light Wind		10.4		Yes	Polar Bear	1
Mammals	Meadowbank	26-Jul-22	Transect	4:50	5:50	062°49.1'N	-090°30.6'E	062°58.7'N	-090°18.0'E	Moving		Clear	Slight Grey	2	0.3	Calm		12.1	20	No	No Observations	
Mammals	Meadowbank	28-Jul-22	Stationary	5:00		063°56.5'N	-093°38.4'E	063°56.5'N	-093°38.5'E	Stationary	10	100% Cloud	None	2	0.3	Light Wind	270	0	20	No	No Observations	
Mammals	Meadowbank	29-Jul-22	Stationary	5:00	6:00	063°56.5'N	-093°38.5'E	063°56.5'N	-093°38.5'E	Stationary	10	Partly Cloudy		2	0.2	Strong Wind	320	0	20	No	No Observations	
Mammals	Meadowbank	30-Jul-22	Stationary	5:00	6:00	063°56.4'N	-093°38.4'E	063°56.4'N	-093°38.4'E	Stationary	10	Partly Cloudy	None	2	0.1	Strong Wind	320	0	20	No	No Observations	
Mammals	Meadowbank	31-Jul-22	Stationary	21:00	22:00	063°56.5'N	-093°38.4'E	063°56.5'N	-093°38.4'E	Stationary	10	Partly Cloudy	Slight Grey	0	0.2	Strong Wind	312	0	20	No	No Observations	
Mammals	Meadowbank	04-Jul-22	Transect	18:45	19:45	060°29.7'N	-066°00.33E	060°30.92N	-066°27.45E	Moving	0.7	Fog	None	2	0.4	Light Wind		12.8		No	No Observations	
Mammals	Meadowbank	05-Jul-22	Transect			062°30.1'N	-073°31.7'E			Moving	5							12.3		Yes	Atlantic Walrus	3
Mammals	Meadowbank	05-Jul-22	Transect	16:00	17:15	062°31.9'N	-074°08.1'E	062°32.7'N	-074°31.0'E	Moving	5	Partly Cloudy	Slight Grey	1	0.2	Light Wind	250	12.5	33	No	No Observations	
Mammals	Meadowbank	06-Jul-22	Transect	15:36	17:10	062°05.1'N	-084°47.0'E	062°08.4'N	-085°22.8'E	Moving	10	Partly Cloudy	Slight Grey	1	0.2	Light Wind	242	12.6	33	No	No Observations	
Mammals	Meadowbank	06-Jul-22	Transect	12:06	14:00	060°46.1'N	-064°53.1'E	060°36.2'N	-065°34.8'E	Moving	0.1	Fog	Slight Grey	0	0	Calm	180	9	8	No	No Observations	
Mammals	Meadowbank	07-Jul-22	Transect	15:10	17:06	062°33.3'N	-073°04.2'E	062°45.7'N	-073°46.5'E	Moving	5	100% Cloud	Slight Grey	0	0	Light Wind	135	11.9	8	Yes	Unknown Seal	1
Mammals	Meadowbank	08-Jul-22	Stationary	14:30	16:00	062°46.5'N	-092°05.4'E	062°46.5'N	-092°05.4'E	Stationary	10	Clear	None	0	0	Calm		0	32	No	No Observations	
Mammals	Meadowbank	08-Jul-22	Transect	14:40	16:30	061°58.5'N	-082°40.0'E	061°55.4'N	-083°23.1'E	Moving	5	100% Cloud	Slight Grey	1	0.5	Strong Wind	270	11.8	10	No	No Observations	
Mammals	Meadowbank	09-Jul-22	Stationary	14:30	16:00	062°46.5'N	-092°05.7'E	062°46.5'N	-092°05.7'E	Stationary	10	Clear	None	2	0.2	Light Wind	95	0	32	No	No Observations	
Mammals	Meadowbank	09-Jul-22	Transect	9:50	11:40	062°34.6'N	-090°37.0'E	062°38.4'N	-091°10.1'E	Moving	5	100% Cloud	Slight Grey	0	0.2	Light Wind	0	10.7	10	Yes	Unknown Seal	3
Mammals	Meadowbank	01-Aug-22	Stationary	20:30	21:30	063°56.5'N	-093°38.4'E	063°56.5'N	-093°38.4'E	Stationary			None	2		Strong Wind	300	0	20	No	No Observations	
Mammals	Meadowbank	10-Aug-22	Stationary	10:00	11:30	063°56.0'N	-093°36.1'E	063°56.0'N	-093°36.1'E	Stationary	10	Clear	Bright	1	0.1	Light Wind	270	0	33	No	No Observations	
Mammals	Meadowbank	10-Aug-22	Transect	8:43	10:17	062°23.80N	-088°10.06E	062°27.52N	-088°49.41E	Moving	30	Clear	Bright	1	1	Light Wind	315	12.2	30	No	No Observations	
Mammals	Meadowbank	11-Aug-22	Stationary	10:00	11:00	063°56.1'N	-093°36.8'E	063°56.1'N	-093°36.8'E	Stationary	8	100% Cloud	None	3	0.5	Strong Wind	250	0	34	No	No Observations	
Mammals	Meadowbank	12-Aug-22	Stationary	7:00	8:00	063°56.0'N	-093°36.7'E	063°56.0'N	-093°36.7'E	Stationary	10	100% Cloud	None	3	0.5	Strong Wind	270	0	34	No	No Observations	
Mammals	Meadowbank	12-Aug-22	Transect	16:00	17:00	060°41.3'N	-062°00.9'E	060°17.7'N	-063°28.3'E	Moving	0	Fog	None	0		Light Wind		13	20	No	No Observations	
Mammals	Meadowbank	13-Aug-22	Transect	16:00	17:00	062°30.9'N	-073°05.5'E	062°31.0'N	-073°29.5'E	Moving	10	100% Cloud	None	2	0	Light Wind		11.5	20	No	No Observations	
Mammals	Meadowbank	13-Aug-22	Transect	14:30	16:00	062°40.50N	-090°47.64E	062°54.75N	-090°30.60E	Moving	20	Partly Cloudy	Bright	2	1	Light Wind	270	11	30	No	No Observations	
Mammals	Meadowbank	14-Aug-22	Transect	15:30	17:00	061°54.9'N	-082°52.2'E	061°55.5'N	-083°35.2'E	Moving	10	Partly Cloudy	Bright	3	0	Strong Wind	270	13.5	20	No	No Observations	

Appendix D: Marine Mammal Survey Data And Sightings Information, 2022

Survey Target	Project	Date	Survey Type	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather Notes	Glare Condition Notes	Sea State Code	Wave Height (m)	Wind Speed (Beaufort Scale)	True Wind Direction (deg)	Platform Speed (Knots)	Height of Eye (m)	Species Observed?	Species	Count
Mammals	Meadowbank	14-Aug-22	Transect	9:10	11:30	063°38.63N	-091°32.89E	063°47.06N	-092°25.66E	Moving	20	Partly Cloudy	Bright	0	0	Light Wind	337	12	30	No	No Observations	
Mammals	Meadowbank	15-Aug-22	Transect	16:00	17:00	063°35.5°N	-091°14.9°E	063°39.5°N	-091°33.5°E	Moving	10	Clear	None	1	0	Light Wind	180	10.7	20	No	No Observations	
Mammals	Meadowbank	15-Aug-22	Transect							Moving	10					Calm		10		Yes	Other Species	22
Mammals	Meadowbank	16-Aug-22	Transect	8:45	10:01	063°45.0°N	-092°13.8°E	063°43.5°N	-091°48.6°E	Moving	10	Partly Cloudy	Bright	2	0	Light Wind	170	13.6	34	No	No Observations	
Mammals	Meadowbank	17-Aug-22	Transect	19:06	20:30	062°34.5°N	-075°55.7°E	062°33.2°N	-075°16.8°E	Moving	0.2	Fog	None	1	0.1	Light Wind	70	13	34	No	No Observations	
Mammals	Meadowbank	18-Aug-22	Transect	8:40		061°45.9°N	-069°15.4°E	061°37.0°N	-068°41.1°E	Moving	0.5	100% Cloud	Slight Grey	3	0.3	Light Wind	160	13.5	34	Yes	Unknown Seal	1
Mammals	Meadowbank	18-Aug-22	Transect	9:30	11:00	062°50.44N	-087°55.51E	062°43.62N	-087°20.86E	Moving	15	100% Cloud		3	1	Light Wind		11.8	30	Yes	Unknown	1
Mammals	Meadowbank	19-Aug-22	Transect	9:30	11:00	062°39.18N	-078°35.04E	062°39.65N	-077°54.33E	Moving	30	Clear	Bright	2	1	Light Wind	22	11.8	30	No	No Observations	NA
Mammals	Meadowbank	02-Aug-22	Transect	6:15	7:15	063°56.4°N	-093°07.7°E	063°51.8°N	-092°46.0°E	Moving										No	No Observations	NA
Mammals	Meadowbank	20-Aug-22	Transect	9:45	11:15	061°58.19N	-068°05.27E	061°53.46N	-067°27.0°E	Moving	27	100% Cloud	Slight Grey	2	1	Light Wind	135	12.8	30	Yes	Atlantic Walrus	1
Mammals	Meadowbank	27-Aug-22	Transect	15:30	17:00	061°58.7°N	-082°22.6°E	062°13.9°N	-081°52.4°E	Moving	10	Partly Cloudy	None	1	0	Light Wind		14	20	No	No Observations	
Mammals	Meadowbank	28-Aug-22	Transect							Moving	10					Light Wind		14		Yes	Other Species	2
Mammals	Meadowbank	28-Aug-22	Transect							Moving	10							15		Yes	Other Species	1
Mammals	Meadowbank	03-Aug-22	Transect	8:32	10:00	060°47.9°N	-064°32.7°E	060°55.2°N	-065°00.8°E	Moving	15	Partly Cloudy	Slight Grey	5	1.2	Strong Wind	300	8.7	34	No	No Observations	
Mammals	Meadowbank	04-Aug-22	Transect	8:41	9:40	062°32.7°N	-074°46.9°E	062°33.8°N	-075°21.0°E	Moving	0.7	Fog		5	1.8	Strong Wind		11.8	34	No	No Observations	
Mammals	Meadowbank	05-Aug-22	Transect	9:17	10:50	062°04.6°N	-084°12.7°E	062°05.4°N	-084°46.7°E	Moving	15	Clear	Slight Grey	4	0.9	Light Wind		10.7	34	No	No Observations	
Mammals	Meadowbank	06-Aug-22	Stationary	15:00	16:00	062°46.5°N	-092°05.7°E	062°46.5°N	-092°05.7°E	Stationary	10	Clear	Bright	1		Light Wind	170	0	34	No	No Observations	
Mammals	Meadowbank	07-Aug-22	Stationary	10:00	11:00	062°46.5°N	-092°05.7°E	062°46.5°N	-092°05.7°E	Stationary	10	Clear	Bright	0	0	Calm		0	34	No	No Observations	
Mammals	Meadowbank	07-Aug-22	Transect	16:00	17:30	063°19.6°N	-068°08.1°E	063°06.7°N	-067°40.4°E	Moving	20	Partly Cloudy	Bright	0	1	Light Wind	90	12.4	30	Yes	Bearded Seal	2
Mammals	Meadowbank	08-Aug-22	Transect	9:14	11:00	063°35.2°N	-091°08.7°E	063°43.5°N	-091°47.0°E	Moving	10	Clear	Bright	0	0	Calm	148	11.8	34	Yes	Unknown Seal	1
Mammals	Meadowbank	08-Aug-22	Transect	9:40	11:20	062°01.93N	-069°04.66E	062°06.31N	-069°43.7°E	Moving	20	Partly Cloudy	Bright	1	1	Light Wind	100	11.4	30	No	No Observations	
Mammals	Meadowbank	09-Aug-22	Stationary	13:00	14:30	063°56.0°N	-093°36.8°E	063°56.0°N	-093°36.8°E	Stationary	10	Clear	Bright	0	0	Calm		0	33	No	No Observations	
Mammals	Meadowbank	09-Aug-22	Transect	9:15		062°38.19N	-078°57.25E	062°35.51N	-079°38.96E	Moving	20	Clear	Bright	1	1	Light Wind	45	12.8	30	No	No Observations	
Mammals	Meadowbank	10-Sep-22	Stationary	10:30	12:00	063°55.9°N	-093°36.9°E	063°55.9°N	-093°36.9°E	Stationary	3	Fog	Slight Grey	4	1	Strong Wind	325	0	34	No	No Observations	
Mammals	Meadowbank	11-Sep-22	Transect	12:00	12:30	060°06.0°N	-063°38.0°E	060°10.0°N	-063°45.0°E	Moving	20	Partly Cloudy	None	3	1.5	Light Wind	270	10.7	30	No	No Observations	
Mammals	Meadowbank	11-Sep-22	Transect	15:30	16:00	060°30.0°N	-064°27.0°E	060°34.0°N	-064°32.0°E	Moving	20	Partly Cloudy		3	1.5	Light Wind	270	13	30	No	No Observations	
Mammals	Meadowbank	11-Sep-22	Transect	18:00	18:30	060°40.0°N	-065°34.0°E	060°45.0°N	-065°42.0°E	Moving	20	Partly Cloudy	None	3	1.5	Light Wind	270	13	30	No	No Observations	
Mammals	Meadowbank	11-Sep-22	Stationary	10:30	12:00	065°56.0°N	-093°36.9°E	065°56.0°N	-093°36.9°E	Stationary	6	100% Cloud		2	0.2	Light Wind	280	0	34	No	No Observations	
Mammals	Meadowbank	12-Sep-22	Transect	12:00	12:30	062°28.0°N	-073°09.0°E	062°31.0°N	-073°20.0°E	Moving	20		Slight Grey	3	1.5	Light Wind	225	13	30	No	No Observations	
Mammals	Meadowbank	12-Sep-22	Transect	15:30	16:00	062°34.0°N	-074°51.0°E	062°36.0°N	-075°05.0°E	Moving	15	Partly Cloudy		4	2	Light Wind	315	13	30	No	No Observations	
Mammals	Meadowbank	12-Sep-22	Transect	18:00	18:30	062°41.0°N	-076°29.0°E	062°42.0°N	-076°36.0°E	Moving	20	Partly Cloudy	None	3	1.5	Light Wind	270	14	30	No	No Observations	
Mammals	Meadowbank	13-Sep-22	Transect	12:00	12:30	062°03.0°N	-083°57.0°E	062°05.0°N	-084°13.0°E	Moving	20	Partly Cloudy	Slight Grey	4	3	Strong Wind	315	13	30	No	No Observations	
Mammals	Meadowbank	13-Sep-22	Transect	15:30	16:00	062°09.0°N	-085°40.0°E	062°10.0°N	-085°55.0°E	Moving	20	Partly Cloudy	Slight Grey	4	3	Light Wind		13	30	No	No Observations	
Mammals	Meadowbank	13-Sep-22	Transect	18:00	18:30	062°15.0°N	-086°50.0°E	062°17.0°N	-087°07.0°E	Moving	20	Partly Cloudy	Slight Grey	4	2	Light Wind	315	13	30	No	No Observations	
Mammals	Meadowbank	14-Sep-22	Transect	8:43	10:01	062°30.1°N	-086°16.1°E	062°22.1°N	-085°35.1°E	Moving	8	Partly Cloudy	Slight Grey	3	0.5	Strong Wind	270	15	34	No	No Observations	
Mammals	Meadowbank	15-Sep-22	Transect	16:24	18:10	061°42.5°N	-069°07.2°E	061°32.4°N	-068°14.0°E	Moving	8	Partly Cloudy	Bright	3	0.5	Light Wind	315	13.8	34	No	No Observations	
Mammals	Meadowbank	21-Sep-22	Transect	12:00	12:30	062°10.0°N	-082°11.0°E	062°11.0°N	-081°48.0°E	Moving	20	100% Cloud	None	5	2	Strong Wind	0	12	30	No	No Observations	
Mammals	Meadowbank	21-Sep-22	Transect	15:30	16:00	062°27.0°N	-081°00.0°E	062°29.0°N	-080°47.0°E	Moving	20	100% Cloud	None	5	2	Strong Wind	0	13	30	No	No Observations	
Mammals	Meadowbank	21-Sep-22	Transect	18:00	18:30	062°36.0°N	-080°06.0°E	062°37.0°N	-079°59.0°E	Moving	20	100% Cloud	None	5	3	Strong Wind	0	13	30	No	No Observations	
Mammals	Meadowbank	22-Sep-22	Transect	12:00		062°03.0°N	-071°40.0°E	061°53.0°N	-071°28.0°E	Moving	20	Partly Cloudy	Slight Grey	3	1.5	Strong Wind	0	15	30	No	No Observations	
Mammals	Meadowbank	22-Sep-22	Transect	15:30	16:00	061°38.0°N	-070°28.0°E	061°33.0°N	-070°15.0°E	Moving	20	Partly Cloudy	Slight Grey	3	1.5	Strong Wind	0	15	30	No	No Observations	
Mammals	Meadowbank	22-Sep-22	Transect	18:00	18:30	061°14.0°N	-069°14.0°E	061°10.0°N	-069°02.0°E	Moving	20	Partly Cloudy	Slight Grey	4	2	Strong Wind	0	15	30	No	No Observations	
Mammals	Meadowbank	03-Sep-22	Transect	16:43	18:00	060°12.7°N	-063°29.9°E	060°25.0°N	-063°46.6°E	Moving	7	Partly Cloudy		4	1.2	Strong Wind		12	34	No	No Observations	
Mammals	Meadowbank	04-Sep-22	Transect	8:54	10:08	061°47.4°N	-069°21.2°E	061°52.9°N	-069°51.2°E	Moving	7	Partly Cloudy		5	2.5	Gale Force Wind		11.8	34	No	No Observations	
Mammals	Meadowbank	05-Sep-22	Transect	10:17	11:45	062°17.0°N	-081°13.1°E	062°11.5°N	-081°54.2°E	Moving	1	100% Cloud	None	2	0.2	Light Wind	135	14.3	34	Yes	Unknown Seal	1
Mammals	Meadowbank	07-Sep-22	Stationary	10:30	12:00	063°56.0°N	-093°36.8°E	063°56.0°N	-093°36.8°E	Stationary	6	Rain	None	3	0.7	Gale Force Wind	325	0	34	No	No Observations	
Mammals	Meadowbank	08-Sep-22	Stationary	14:00	15:30	063°56.0°N	-093°36.8°E	063°56.0°N	-093°36.8°E	Stationary	4	100% Cloud	None	3	0.6	Strong Wind	280	0	34	No	No Observations	
Mammals	Meadowbank	09-Sep-22	Stationary	13:00	14:30	063°55.9°N	-093°37.3°E	063°55.9°N	-093°37.3°E	Stationary	10	Partly Cloudy	Slight Grey	2	0.2	Light Wind	45	0	34	No	No Observations	
Mammals	Meliadine	10-Oct-22	Transect	9:10	10:40	060°50.9°N	-066°18.8°E	060°55.8°N	-066°37.2°E	Moving	26	100% Cloud	None	5	2.5	Light Wind		9.7	12	No	No Observations	

**Appendix D: Marine Mammal Survey Data And Sightings Information, 2022**

Survey Target	Project	Date	Survey Type	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather Notes	Glare Condition Notes	Sea State Code	Wave Height (m)	Wind Speed (Beaufort Scale)	True Wind Direction (deg)	Platform Speed (Knots)	Height of Eye (m)	Species Observed?	Species	Count
Mammals	Meliadine	11-Oct-22	Transect	8:15	9:45	062°32.6°N	-074°54.8°E	062°33.6°N	-075°37.2°E	Moving	26	100% Cloud	None	1	0.15	Calm	120	11.5	12	No	No Observations	
Mammals	Meliadine	13-Oct-22	Stationary	8:11	9:41	062°23.8°N	-077°55.3°E	062°23.8°N	-077°55.3°E	Stationary	22	Partly Cloudy	None	1	0.3	Light Wind	290	0	12	No	No Observations	
Mammals	Meliadine	14-Oct-22	Transect	8:07	9:40	062°46.2°N	-088°18.0°E	062°42.9°N	-088°01.5°E	Moving	1	Fog	None	1	0.3	Light Wind		13.3	12	No	No Observations	
Mammals	Meliadine	11-Jul-22	Transect	16:30	17:00	061°01.64N	-068°57.83E	061°12.72N	-069°28.96E	Moving	6	100% Cloud	Slight Grey	3		Light Wind		12.4	20	No	No Observations	
Mammals	Meliadine	12-Jul-22	Transect	16:00	18:00	062°39.9°N	-078°59.6°E	062°40.0°N	-079°52.8°E	Moving	6	Partly Cloudy	Slight Grey	2		Light Wind		12.9	20	No	No Observations	
Mammals	Meliadine	13-Jul-22	Transect	16:00	16:37	062°28.8°N	-089°40.5°E	062°30.5°N	-089°59.2°E	Moving	6	Partly Cloudy	Slight Grey	2		Light Wind		13.6	20	No	No Observations	
Mammals	Meliadine	22-Jul-22	Transect	15:00	16:31	062°40.1°N	-091°42.9°E	062°36.4°N	-091°00.43E	Moving	7	Clear	None	3		Light Wind	270	11.8	20	No	No Observations	
Mammals	Meliadine	23-Jul-22	Transect	16:00	17:50	062°40.1°N	-080°40.8°E	062°39.9°N	-079°47.8°E	Moving	6	100% Cloud	Slight Grey	3		Strong Wind	45	12.7	20	No	No Observations	
Mammals	Meliadine	24-Jul-22	Transect	16:00	18:00	061°20.6°N	-069°53.3°E	061°04.5°N	-069°10.8°E	Moving	4	Rain		3		Light Wind	90	12.4	20	No	No Observations	
Mammals	Meliadine	15-Sep-22	Transect	18:00		067°24.37N	-080°59.62E	067°06.39N	-080°59.76E	Moving	15	100% Cloud	None	2	1	Strong Wind	130	12.8	20	No	No Observations	
Mammals	Meliadine	15-Sep-22	Transect							Moving	16					Light Wind	202	13.7		Yes	Harbour Seal	1
Mammals	Meliadine	16-Sep-22	Transect	18:00	19:30	064°45.62N	-086°56.14E	064°27.25N	-087°17.72E	Moving	16	100% Cloud	Slight Grey	3	1	Light Wind	350	14	20	No	No Observations	
Mammals	Meliadine	19-Sep-22	Transect	18:00	19:00	061°07.51N	-083°40.23E	061°00.20N	-083°05.00E	Moving	15	100% Cloud		5	2	Light Wind	130	12.6	20	No	No Observations	
Mammals	Meliadine	02-Sep-22	Transect	10:30	12:00	062°05.50N	-072°03.80E	062°16.14N	-072°32.90E	Moving	16	Partly Cloudy	None	1	1	Light Wind	330	12	20	No	No Observations	
Mammals	Meliadine	03-Sep-22	Transect	10:30	12:00	062°06.35N	-082°26.94E	062°01.22N	-083°03.94E	Moving	16	Clear	Slight Grey	3	1	Light Wind	300	12.5	20	No	No Observations	
Mammals	Meliadine	07-Sep-22	Transect	10:30	12:00	066°15.58N	-085°45.19E	066°29.56N	-086°16.93E	Moving	16	100% Cloud	Bright	3	1	Light Wind	90	13	20	No	No Observations	

## **APPENDIX E      SEABIRD SURVEY DATA, 2022**



Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Coastal Shipping	Kitikmeot W.	06-Jul-22	11:30	11:35	00:05	60.75	-60.79999924	60.76666641	-64.67166901	Moving	10	Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	06-Jul-22	11:37	11:42	00:05	60.77000046	-64.69166565	60.77333345	-64.73000336	Moving	10	Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	06-Jul-22	11:44	11:49	00:05	60.77500153	-64.74333191	60.77833176	-64.77999878	Moving	10	Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	06-Jul-22	11:50	11:55	00:05	60.77833176	-64.78666687	60.78166658	-64.81833649	Moving	10	Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	06-Jul-22	11:55	12:00	00:05	60.78166658	-64.81833649	60.77500153	-64.84833527	Moving	10	Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	06-Jul-22	12:01	12:06	00:05	60.77500153	-64.85500336	60.76833344	-64.88500214	Moving	10	Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	06-Jul-22	17:58	18:03	00:05	60.42333221	-66.32333374	60.42833328	-66.34833527	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	06-Jul-22	18:05	18:10	00:05	60.43000031	-66.36166382	60.43500137	-66.38666534	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	06-Jul-22	18:13	18:18	00:05	60.4383316	-66.40000153	60.44499969	-66.42500305	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	06-Jul-22	18:20	18:25	00:05	60.44833374	-66.43499756	60.45333481	-66.46166992	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	06-Jul-22	18:28	18:33	00:05	60.45500183	-66.47499847	60.45833206	-66.49666595	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	06-Jul-22	18:37	18:42	00:05	60.46166611	-66.51166534	60.46500015	-66.52999878	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	07-Jul-22	08:30	08:30	00:00	61.91833496	-70.90333557	61.85666656	-70.92333221	Moving	10	Cloudy	None	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	07-Jul-22	08:35	08:37	00:02	61.92666626	-70.9466629	60.93500137	-70.96833038	Moving	10	Cloudy	None	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	07-Jul-22	08:37			60.94666672	-70.98000336	61.93500137	-70.95166779	Moving	10	Cloudy	None	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	07-Jul-22	08:40	08:40	00:00	61.86999893	-70.97166443	61.88000107	-70.98332977	Moving	10	Cloudy	None	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	07-Jul-22	08:40	08:42	00:02	61.86666489	-70.98000336	61.88000107	-70.98666382	Moving	10	Cloudy	None	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	07-Jul-22	08:45	08:46	00:01	61.88999939	-70.0083313	61.88999939	-70.0083313	Moving	10	Cloudy	None	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	07-Jul-22	14:20	14:25	00:05	62.46333313	-72.79000092	62.47166824	-72.81500244	Moving	6	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	07-Jul-22	14:29	14:34	00:05	62.47833252	-72.83999634	62.48666763	-72.86333466	Moving	6	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	07-Jul-22	14:38	14:43	00:05	62.49333191	-72.8833313	62.50166702	-72.91333008	Moving	6	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	07-Jul-22	14:48	14:53	00:05	62.51333237	-72.9466629	62.52166748	-72.97333527	Moving	6	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	07-Jul-22	14:55	15:00	00:05	62.52500153	-72.98332977	62.53499985	-73.01499939	Moving	6	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	07-Jul-22	15:02	15:07	00:05	62.53833389	-73.02500153	62.54999924	-73.05500031	Moving	6	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	07-Jul-22	21:00	21:05	00:05	62.63666534	-70.50499725	62.79166794	-75.60333252	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	07-Jul-22	21:15	21:20	00:05	62.80333328	-75.65666962	62.80333328	-75.67500305	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	07-Jul-22	21:22	21:27	00:05	62.80333328	-75.73500061	62.80833435	-75.75333405	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	07-Jul-22	21:37	21:42	00:05	62.80333328	-75.70500183	62.79999924	-77.91999817	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	07-Jul-22	22:05	21:10	00:05	52.80666733	-75.97166443	62.79666519	-76.02166748	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	07-Jul-22	21:12	21:17	00:05	62.80500031	-76.05500031	62.77166748	-76.10182953	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	08-Jul-22	05:20	05:25	00:05	62.66666794	-79	62.65999985	-79.04499817	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.2	Light Wind
Coastal Shipping	Kitikmeot W.	08-Jul-22	05:30	05:35	00:05	62.65333176	-79.06833649	62.6483345	-79.11333466	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.2	Light Wind
Coastal Shipping	Kitikmeot W.	08-Jul-22	05:40	05:45	00:05	62.64166641	-79.15000153	62.63666534	-79.18166351	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.2	Light Wind
Coastal Shipping	Kitikmeot W.	08-Jul-22	05:50	05:55	00:05	62.63000107	-79.22499847	62.62333298	-79.26333618	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.2	Light Wind
Coastal Shipping	Kitikmeot W.	08-Jul-22	06:00	06:05	00:05	62.61833191	-79.29333496	62.61333466	-79.32499695	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.2	Light Wind
Coastal Shipping	Kitikmeot W.	08-Jul-22	06:15	06:20	00:05	62.60333252	-79.38666534	62.59666824	-79.42666626	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.2	Light Wind
Coastal Shipping	Kitikmeot W.	08-Jul-22	13:55	14:00	00:05	62.02666855	-82.38166809	62.02166748	-82.41000366	Moving	5	Cloudy	Slight/ Grey	Rippled	0.5	Strong Wind
Coastal Shipping	Kitikmeot W.	08-Jul-22	14:02	14:07	00:05	62.01833344	-82.42500305	62.01333237	-82.45833588	Moving	5	Cloudy	Slight/ Grey	Rippled	0.5	Strong Wind
Coastal Shipping	Kitikmeot W.	08-Jul-22	14:10	14:15	00:05	62.00999832	-82.47499847	62.00333405	-82.5083313	Moving	5	Cloudy	Slight/ Grey	Rippled	0.5	Strong Wind
Coastal Shipping	Kitikmeot W.	08-Jul-22	14:17	14:22	00:05	62.00166702	-82.52166748	61.99666595	-82.55166626	Moving	5	Cloudy	Slight/ Grey	Rippled	0.5	Strong Wind
Coastal Shipping	Kitikmeot W.	08-Jul-22	14:25	14:30	00:05	61.99166489	-82.57333374	61.98666763	-82.60666656	Moving	5	Cloudy	Slight/ Grey	Rippled	0.5	Strong Wind
Coastal Shipping	Kitikmeot W.	08-Jul-22	14:32	14:37	00:05	61.98333359	-82.61833191	61.97833252	-82.64833069	Moving	5	Cloudy	Slight/ Grey	Rippled	0.5	Strong Wind
Coastal Shipping	Kitikmeot W.	09-Jul-22	09:00	09:05	00:05	62.54000092	-90.27666473	62.54333496	-90.3033371	Moving	5	Cloudy	Slight/ Grey	Glassy	0.2	Light Wind
Coastal Shipping	Kitikmeot W.	09-Jul-22	09:10	09:15	00:05	62.54666519	-90.33666992	62.55166626	-90.375	Moving	5	Cloudy	Slight/ Grey	Glassy	0.2	Light Wind
Coastal Shipping	Kitikmeot W.	09-Jul-22	09:18	09:23	00:05	62.55333328	-90.39333344	62.55833435	-90.4283371	Moving	5	Cloudy	Slight/ Grey	Glassy	0.2	Light Wind
Coastal Shipping	Kitikmeot W.	09-Jul-22	09:27	09:32	00:05	62.56000137	-90.45166779	62.56499863	-90.49333191	Moving	5	Cloudy	Slight/ Grey	Glassy	0.2	Light Wind
Coastal Shipping	Kitikmeot W.	09-Jul-22	09:34	09:39	00:05	62.56499863	-90.50499725	62.56833267	-90.54166412	Moving	5	Cloudy	Slight/ Grey	Glassy	0.2	Light Wind
Coastal Shipping	Kitikmeot W.	09-Jul-22	09:42	09:47	00:05	62.57166672	-90.55833435	62.57500076	-90.59833527	Moving	5	Cloudy	Slight/ Grey	Glassy	0.2	Light Wind
Coastal Shipping	Kitikmeot W.	09-Jul-22	13:23	13:28	00:05	62.69666672	-91.61333466	62.70000076	-91.63500214	Moving	5	Cloudy	Slight/ Grey	Glassy	0.2	Light Wind

Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Coastal Shipping	Kitikmeot W.	09-Jul-22	13:31	13:36	00:05	62.70166779	-91.65000153	62.70500183	-91.66833496	Moving	5	Cloudy	Slight/ Grey	Glassy	0.2	Light Wind
Coastal Shipping	Kitikmeot W.	09-Jul-22	13:39	13:44	00:05	62.70500183	-91.81500244	62.70833206	-91.70666504	Moving	5	Cloudy	Slight/ Grey	Glassy	0.2	Light Wind
Coastal Shipping	Kitikmeot W.	09-Jul-22	13:50	13:55	00:05	62.71166611	-91.74333191	62.71500015	-91.75166321	Moving	5	Cloudy	Slight/ Grey	Glassy	0.2	Light Wind
Coastal Shipping	Kitikmeot W.	09-Jul-22	13:58	14:03	00:05	62.71666718	-91.76667023	62.72000122	-91.79000092	Moving	5	Cloudy	Slight/ Grey	Glassy	0.2	Light Wind
Coastal Shipping	Kitikmeot W.	09-Jul-22	14:05	14:10	00:05	62.72166824	-91.79666901	62.72499847	-91.82333374	Moving	5	Cloudy	Slight/ Grey	Glassy	0.2	Light Wind
Coastal Shipping	Kitikmeot W.	09-Jul-22	18:00			62.81333316	-92.05500031	62.81333316	-92.05500031	Stationary	5	Cloudy	Slight/ Grey	Glassy	0.1	Light Wind
Coastal Shipping	Kitikmeot W.	10-Jul-22	10:30			62.81499863	-92.05500031	62.81499863	-92.05500031	Stationary	7	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	10-Jul-22	13:10			62.81333316	-92.05500031	62.81333316	-92.05500031	Stationary	6	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	10-Jul-22	15:00			62.81499863	-92.05500031	62.81499863	-92.05500031	Stationary	7	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	10-Jul-22	19:00			62.81499863	-92.05500031	62.81499863	-92.05500031	Stationary	7	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	11-Jul-22	09:15			62.81333316	-92.05500031	62.81333316	-92.05500031	Stationary	7	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	11-Jul-22	11:25			62.81333316	-92.05500031	62.81333316	-92.05500031	Stationary	7	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	11-Jul-22	13:20			62.81499863	-92.05500031	62.81499863	-92.05500031	Stationary	7	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	11-Jul-22	16:00			62.81499863	-92.05500031	62.81499863	-92.05500031	Stationary	7	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	12-Jul-22	06:10	06:15	00:05	63.65000153	-91.55666351	63.66500092	-91.57666779	Moving	7	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	12-Jul-22	06:17	06:22	00:05	63.66833496	-91.58833313	63.68000031	-91.625	Moving	7	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	12-Jul-22	06:25	06:30	00:05	63.6866684	-91.65000153	63.70000076	-91.67500305	Moving	7	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	12-Jul-22	06:33	06:38	00:05	63.71166611	-91.69000244	63.72333145	-91.72000122	Moving	7	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	12-Jul-22	06:40	06:45	00:05	63.72499847	-91.74333191	63.72499847	-91.78333282	Moving	7	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	12-Jul-22	06:47	06:52	00:05	63.72499847	-91.80166626	63.72166824	-91.84833527	Moving	7	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	12-Jul-22	15:55			63.93833316	-93.63166809	63.93833316	-93.63166809	Stationary	7	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0	Calm
Coastal Shipping	Kitikmeot W.	12-Jul-22	20:50			63.93833316	-93.63333313	63.93833316	-93.63333313	Stationary	8	Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	12-Jul-22		20:15		63.93333435	-93.63333313	63.59999847	-93.63333313	Stationary	20	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	13-Jul-22	00:30	00:00	23:30	63.93500137	-93.63333313	63.93500137	-93.63333313	Stationary	7	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	13-Jul-22	04:00			63.93833316	-93.63333313	63.93833316	-93.63333313	Stationary	15	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	13-Jul-22	09:00	09:00	00:00	63.93333435	-93.63333313	63.93333435	-93.63333313	Stationary	20	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	13-Jul-22	13:50			63.93333435	-93.63333313	63.93333435	-93.63333313	Stationary	7	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	13-Jul-22	21:00			63.93333435	-93.63500214	63.93333435	-93.63500214	Stationary	8	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	14-Jul-22	00:15	00:00	23:45	63.93333435	-93.63500214	63.93333435	-93.63500214	Stationary	7	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	14-Jul-22	06:30			63.93500137	-93.63333313	63.93500137	-93.63333313	Stationary	7	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	14-Jul-22	12:30			63.93333435	-93.63500214	63.93333435	-93.63500214	Stationary	7		Slight/ Grey	Rippled	0.2	Strong Wind
Coastal Shipping	Kitikmeot W.	14-Jul-22	15:45			63.9366684	-93.63500214	63.9366684	-93.63500214	Stationary	7	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.3	Strong Wind
Coastal Shipping	Kitikmeot W.	14-Jul-22	18:20			63.9366684	-93.63500214	63.9366684	-93.63500214	Stationary	7	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.3	Strong Wind
Coastal Shipping	Kitikmeot W.	15-Jul-22	01:17			63.9366684	-94.30000305	63.9366684	-73.6333313	Stationary	5		None	Rippled	0	Light Wind
Coastal Shipping	Kitikmeot W.	15-Jul-22	08:10			63.93833316	-93.63500214	63.93833316	-93.63500214	Stationary	2	Cloudy	None	Rippled	0	Light Wind
Coastal Shipping	Kitikmeot W.	15-Jul-22	13:00			63.93833316	-93.63500214	63.93833316	-93.63500214	Stationary	7	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	15-Jul-22	13:50			63.93333435	-93.63333313	63.93333435	-93.63333313	Stationary	7	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	15-Jul-22	16:20			63.93333435	-93.63333313	63.93333435	-93.63333313	Stationary	8	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0	Calm
Coastal Shipping	Kitikmeot W.	15-Jul-22	19:00			63.93500137	-93.63500214	63.93500137	-93.63500214	Stationary	7	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	16-Jul-22	08:00			63.93500137	-93.63666534	63.93500137	-93.63666534	Stationary	7	Cloudy	Slight/ Grey	Wavelets	0.5	Strong Wind
Coastal Shipping	Kitikmeot W.	16-Jul-22	13:10			63.93500137	-93.63500214	63.93500137	-93.63500214	Stationary	7	Cloudy	Slight/ Grey	Wavelets	0.4	Strong Wind
Coastal Shipping	Kitikmeot W.	16-Jul-22	16:50	16:55	00:05	63.78833389	-92.43333435	63.76833344	-92.40499878	Moving	5	Cloudy	Slight/ Grey	Glassy	0	Strong Wind
Coastal Shipping	Kitikmeot W.	16-Jul-22	16:57	17:02	00:05	63.76166534	-92.39167023	63.75166702	-92.34999847	Moving	5	Cloudy	Slight/ Grey	Glassy	0	Strong Wind
Coastal Shipping	Kitikmeot W.	16-Jul-22	17:02	17:07	00:05	63.75166702	-92.34999847	63.75333405	-92.3033371	Moving	5	Cloudy	Slight/ Grey	Glassy	0	Strong Wind
Coastal Shipping	Kitikmeot W.	16-Jul-22	17:09	17:14	00:05	63.75500107	-92.28166962	63.75	-92.23332977	Moving	5	Cloudy	Slight/ Grey	Glassy	0	Strong Wind
Coastal Shipping	Kitikmeot W.	16-Jul-22	17:15	17:20	00:05	63.74833298	-92.22333527	63.73166656	-92.1883316	Moving	5	Cloudy	Slight/ Grey	Glassy	0	Strong Wind
Coastal Shipping	Kitikmeot W.	16-Jul-22	17:21	17:26	00:05	63.72999954	-92.18166351	63.71500015	-92.125	Moving	5	Cloudy	Slight/ Grey	Glassy	0	Strong Wind
Coastal Shipping	Kitikmeot W.	16-Jul-22	17:30	17:36	00:06	63.63333511	-91.43499756	63.625	-91.39666748	Moving	20	Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	16-Jul-22	17:42	17:47	00:05	63.62333298	-91.38833618	63.58833313	-91.33666992	Moving	20	Cloudy	Slight/ Grey	Glassy	0	Calm

Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Coastal Shipping	Kitikmeot W.	16-Jul-22	17:48	17:53	00:05	63.60333252	-91.29666901	63.59166718	-91.23000336	Moving	20	Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	16-Jul-22	18:00	18:05	00:05	63.58833313	-91.1883316	63.58499908	-91.14499664	Moving	20	Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	16-Jul-22	18:10	18:17	00:07	63.581666504	-91.10832977	63.57500076	-91.07166629	Moving	20	Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	16-Jul-22	18:20	18:25	00:05	63.75833511	-91.08666992	63.73666763		Moving	20	Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	17-Jul-22	10:57	11:02	00:05	62.17499924	-84.87166595	62.16999817	-84.83666992	Moving	7	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Coastal Shipping	Kitikmeot W.	17-Jul-22	11:04	11:09	00:05	62.16666794	-84.82499695	62.15833282	-84.77833557	Moving	7	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Coastal Shipping	Kitikmeot W.	17-Jul-22	11:15	11:20	00:05	62.15166855	-84.74500275	62.14500046	-84.70833588	Moving	7	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Coastal Shipping	Kitikmeot W.	17-Jul-22	11:22	11:27	00:05	62.14166641	-84.69000244	62.13499832	-84.65833282	Moving	7	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Coastal Shipping	Kitikmeot W.	17-Jul-22	11:30	11:35	00:05	62.13166809	-84.63666534	62.12333298	-84.61499786	Moving	7	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Coastal Shipping	Kitikmeot W.	17-Jul-22	11:39	11:44	00:05	62.11833191	-84.5716629	62.11000061	-84.53500366	Moving	7	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Coastal Shipping	Kitikmeot W.	17-Jul-22	18:15	18:20	00:05	62.14500046	-81.76499939	62.15166855	-81.77833557	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	17-Jul-22	18:25	18:30	00:05	62.15833282	-81.69166565	62.16500092	-81.66000366	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	17-Jul-22	18:35	18:40	00:05	62.17166519	-81.62999725	62.17833328	-81.59833527	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	17-Jul-22	18:45	18:50	00:05	62.18500137	-81.56666565	62.19333267	-81.53333282	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	17-Jul-22	18:55	19:00	00:05	62.20000076	-81.50166321	62.20666504	-81.47000122	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	17-Jul-22	19:05	19:10	00:05	62.21333313	-81.4383316	62.22166824	-81.40499878	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	17-Jul-22	19:50	19:56	00:06	62.42499924	-80.47000122	62.42166519	-80.41000366	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	17-Jul-22	20:00	20:05	00:05	62.42166519	-80.38999939	62.42166519	-80.47333527	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	17-Jul-22	20:05	20:10	00:05	62.42333221	-80.5	62.4383316	-80.35666656	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	17-Jul-22	22:15	22:20	00:05	62.38833237	-79.41166687	62.46666718	-80.23999786	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	18-Jul-22	10:30	10:35	00:05	62.83833313	-74.43000031	62.83833313	-74.35666656	Moving	6	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	18-Jul-22	10:40	10:45	00:05	62.84500122	-74.3033371	62.84000015	-74.25333405	Moving	6	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	18-Jul-22	10:53	10:58	00:05	62.84166718	-74.20500183	62.8433342	-74.15333557	Moving	6	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	18-Jul-22	11:00	11:05	00:05	62.8433342	-74.12833405	62.8433342	-74.07833099	Moving	6	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	18-Jul-22	11:07	11:12	00:05	62.84500122	-74.05999756	62.84500122	-74.01000214	Moving	6	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	18-Jul-22	11:14	11:19	00:05	62.8433342	-73.99666595	62.83333206	-73.94499969	Moving	6	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	18-Jul-22	13:10	13:15	00:05	62.64333344	-73.1333313	62.63499832	-73.09500122	Moving	7	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Coastal Shipping	Kitikmeot W.	18-Jul-22	13:20	13:25	00:05	62.625	-73.06500244	62.61500168	-73.00333405	Moving	7	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Coastal Shipping	Kitikmeot W.	18-Jul-22	13:30	13:35	00:05	62.60833359	-72.99666595	62.59833145	-72.96166992	Moving	7	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Coastal Shipping	Kitikmeot W.	18-Jul-22	13:40	13:45	00:05	62.59166718	-72.93000031	62.58000183	-72.88999939	Moving	7	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Coastal Shipping	Kitikmeot W.	18-Jul-22	13:50	13:55	00:05	62.57333374	-72.86166382	62.56499863	-72.82833099	Moving	7	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Coastal Shipping	Kitikmeot W.	18-Jul-22	14:00	14:05	00:05	62.55500031	-72.79499817	62.54833221	-72.76667023	Moving	7	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Coastal Shipping	Kitikmeot W.	18-Jul-22	17:25	17:30	00:05	62.15499878	-71.58999634	62.14500046	-71.5616684	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	18-Jul-22	17:35	17:40	00:05	62.13666534	-71.53666687	62.12666702	-71.51000214	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	18-Jul-22	17:45	17:50	00:05	62.11833191	-71.48500061	62.10666656	-71.45333099	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	18-Jul-22	17:55	18:00	00:05	62.09666824	-71.42333221	62.08666611	-71.38999939	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	18-Jul-22	18:05	18:10	00:05	62.07833481	-71.36499786	62.06666565	-71.32833099	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	18-Jul-22	18:15	18:20	00:05	62.05833435	-71.30500031	62.04833221	-71.27166748	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	19-Jul-22	09:00	09:05	00:05	60.8983345	-65.68499756	60.89666748	-65.64833069	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	19-Jul-22	09:15	09:20	00:05	60.89500046	-65.59333038	60.87666702	-65.5083313	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	19-Jul-22	09:25	09:30	00:05	60.89166641	-65.51499939	60.88999939	-65.46666718	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	19-Jul-22	09:35	09:40	00:05	60.88833237	-65.4383316	60.88666534	-65.40499878	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	19-Jul-22	09:45	09:50	00:05	60.88499832	-65.37666321	60.88166809	-65.33833313	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	19-Jul-22	10:00	10:05	00:05	60.87666702	-65.28666687	60.86833191	-65.21833038	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	19-Jul-22	14:00	14:05	00:05	60.6866684	-64.17666626	60.68000031	-64.15666962	Moving	7	Cloudy	Slight/ Grey	Wavelets	1.5	Strong Wind
Coastal Shipping	Kitikmeot W.	19-Jul-22	14:10	14:15	00:05	64.67500305	-64.13999939	60.66666794	-64.11833191	Moving	7	Cloudy	Slight/ Grey	Wavelets	1.5	Strong Wind
Coastal Shipping	Kitikmeot W.	19-Jul-22	14:20	14:25	00:05	60.66166687	-64.09666443	60.65333176	-64.07499695	Moving	7	Cloudy	Slight/ Grey	Wavelets	1.5	Strong Wind
Coastal Shipping	Kitikmeot W.	19-Jul-22	14:30	14:35	00:05	60.59500122	-64.05166626	60.63666534	-64.02666473	Moving	7	Cloudy	Slight/ Grey	Wavelets	1.5	Strong Wind
Coastal Shipping	Kitikmeot W.	19-Jul-22	14:40	14:45	00:05	60.62833405	-64.00166321	60.61833191	-63.98166656	Moving	7	Cloudy	Slight/ Grey	Wavelets	1.5	Strong Wind

Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Coastal Shipping	Kitikmeot W.	19-Jul-22	14:50	14:55	00:05	60.60833359	-63.96166611	60.59666824	-63.93999863	Moving	7	Cloudy	Slight/ Grey	Wavelets	1.5	Strong Wind
Coastal Shipping	Kitikmeot W.	22-Jul-22	09:15	09:20	00:05	60.77999878	-66.66166687	60.78666687	-66.69833374	Moving	0	Fog	Bright on Observer's Side	Rippled	0	Light Wind
Coastal Shipping	Kitikmeot W.	22-Jul-22	09:30	09:35	00:05	60.79000092	-66.71666718	60.80166626	-66.78833008	Moving	0	Fog	Bright on Observer's Side	Rippled	0	Light Wind
Coastal Shipping	Kitikmeot W.	22-Jul-22	09:45	09:50	00:05	60.81999969	-66.85832977	60.84500122	-66.94833374	Moving	0	Fog	Bright on Observer's Side	Rippled	0	Light Wind
Coastal Shipping	Kitikmeot W.	22-Jul-22	10:00	10:05	00:05	60.85499954	-67.04333496	60.86999893	-67.1333313	Moving	0	Fog	Bright on Observer's Side	Rippled	0	Light Wind
Coastal Shipping	Kitikmeot W.	22-Jul-22	10:10	10:15	00:05	60.88499832	-67.21333313	60.88499832	-67.20999908	Moving	0	Fog	Bright on Observer's Side	Rippled	0	Light Wind
Coastal Shipping	Kitikmeot W.	22-Jul-22	10:20	10:25	00:05	61.36333466	-67.07333374	60.87166595	-67.11499786	Moving	0	Fog	Bright on Observer's Side	Rippled	0	Light Wind
Coastal Shipping	Kitikmeot W.	22-Jul-22	13:56	14:01	00:05	61.17333221	-68.40833282	61.17499924	-68.44166565	Moving	0.2	Fog	Bright on Observer's Side	Rippled	0.3	Strong Wind
Coastal Shipping	Kitikmeot W.	22-Jul-22	14:05	14:10	00:05	61.17833328	-68.47499847	61.18333435	-68.5083313	Moving	0.2	Fog	Bright on Observer's Side	Rippled	0.3	Strong Wind
Coastal Shipping	Kitikmeot W.	22-Jul-22	14:15	14:20	00:05	61.18999863	-68.55000305	61.19499969	-68.57666779	Moving	0.2	Fog	Bright on Observer's Side	Rippled	0.3	Strong Wind
Coastal Shipping	Kitikmeot W.	22-Jul-22	14:25	14:30	00:05	61.20000076	-68.61000061	61.20666504	-68.64666748	Moving	0.2	Fog	Bright on Observer's Side	Rippled	0.3	Strong Wind
Coastal Shipping	Kitikmeot W.	22-Jul-22	14:35	14:40	00:05	61.21500015	-68.68166351	61.22166824	-68.71333313	Moving	0.2	Fog	Bright on Observer's Side	Rippled	0.3	Strong Wind
Coastal Shipping	Kitikmeot W.	22-Jul-22	14:45	14:50	00:05	61.22999954	-68.74666595	61.23666763	-68.77999878	Moving	0.2	Fog	Bright on Observer's Side	Rippled	0.3	Strong Wind
Coastal Shipping	Kitikmeot W.	22-Jul-22	20:15	20:20	00:05	61.82666779	-70.74500275	61.83333206	-70.77166748	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	22-Jul-22	20:20	20:25	00:05	61.83333206	-70.77666473	61.84500122	-70.80500031	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	22-Jul-22	20:25	20:30	00:05	61.84833145	-70.81999969	61.85499954	-70.83999634	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	22-Jul-22	20:30	20:35	00:05	61.85833359	-70.84833527	61.875	-70.87666321	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	22-Jul-22	20:35	20:40	00:05	61.86999893	-70.88500214	60.87666702	-70.90499878	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	22-Jul-22	20:41	20:46	00:05	61.87666702	-70.90833282	61.88499832	-70.93166351	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	23-Jul-22	08:40	08:45	00:05	62.80833435	-75.19000244	62.80666733	-75.21666718	Moving	10	Cloudy	Slight/ Grey	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	23-Jul-22	08:50	08:55	00:05	62.80833435	-75.27833557	62.81000137	-75.29833221	Moving	10	Cloudy	Slight/ Grey	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	23-Jul-22	09:00	09:05	00:05			62.8116684	-75.375	Moving	10	Cloudy	Slight/ Grey	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	23-Jul-22	09:05	09:10	00:05	62.8116684	-75.37999725	62.8133316	-75.43166351	Moving	10	Cloudy	Slight/ Grey	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	23-Jul-22	09:10	09:15	00:05	62.81666565	-75.77166748	62.8116684	-75.4916687	Moving	10	Cloudy	Slight/ Grey	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	23-Jul-22	09:20	09:25	00:05	62.8116684	-75.49500275	62.80833435	-75.55166626	Moving	10	Cloudy	Slight/ Grey	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	23-Jul-22	17:35	17:40	00:05	62.70500183	-79.04000092	62.69833374	-79.07333374	Moving	8	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	1.5	Strong Wind
Coastal Shipping	Kitikmeot W.	23-Jul-22	21:00	21:05	00:05	62.44333267	-80.34333038	62.4366684	-80.37333679	Moving	10		Slight/ Grey	Wavelets	1	Light Wind
Coastal Shipping	Kitikmeot W.	23-Jul-22	21:07	21:11	00:04	62.43333435	-80.38833618	62.43000031	-80.41333008	Moving	10		Slight/ Grey	Wavelets	1	Light Wind
Coastal Shipping	Kitikmeot W.	23-Jul-22	21:12	21:17	00:05	62.42666626	-80.42333221	62.42166519	-80.45166779	Moving	10		Slight/ Grey	Wavelets	1	Light Wind
Coastal Shipping	Kitikmeot W.	23-Jul-22	21:20	21:25	00:05	62.41833496	-80.46333313	62.41333389	-80.48999786	Moving	10		Slight/ Grey	Wavelets	1	Light Wind
Coastal Shipping	Kitikmeot W.	23-Jul-22	21:25	21:30	00:05	62.41666794	-80.50166321	62.4066658	-80.52833557	Moving	10		Slight/ Grey	Wavelets	1	Light Wind
Coastal Shipping	Kitikmeot W.	23-Jul-22	21:30	21:35	00:05	62.41333389	-80.53166962	62.40000153	-80.56500244	Moving	10		Slight/ Grey	Wavelets	1	Light Wind
Coastal Shipping	Kitikmeot W.	24-Jul-22	09:00	09:05	00:05	62.19833374	-84.9366684	62.20166779	-84.94999695	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Strong Wind
Coastal Shipping	Kitikmeot W.	24-Jul-22	09:08	09:13	00:05	62.20333481	-84.62833405	62.20833206	-84.98833466	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Strong Wind
Coastal Shipping	Kitikmeot W.	24-Jul-22	09:15	09:21	00:06	62.21166611	-85	62.2183342	-85.04166412	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Strong Wind
Coastal Shipping	Kitikmeot W.	24-Jul-22	09:22	09:27	00:05	62.22000122	-85.04666901	62.22499847	-85.07499695	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Strong Wind
Coastal Shipping	Kitikmeot W.	24-Jul-22	09:30	09:35	00:05	62.23166656	-85.10500336	62.23666763	-85.1333313	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Strong Wind
Coastal Shipping	Kitikmeot W.	24-Jul-22	09:40	09:45	00:05	62.23833466	-85.13999939	62.24499893	-85.19000244	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Strong Wind
Coastal Shipping	Kitikmeot W.	24-Jul-22	13:30	13:35	00:05	62.53666687	-86.6333313	62.5616684	-86.60166931	Moving	7	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Coastal Shipping	Kitikmeot W.	24-Jul-22	13:40	13:45	00:05	62.54999924	-86.69833374	62.55833435	-86.71666718	Moving	7	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Coastal Shipping	Kitikmeot W.	24-Jul-22	13:50	13:55	00:05	62.5633316	-86.76499939	62.56833267	-86.78833008	Moving	7	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Coastal Shipping	Kitikmeot W.	24-Jul-22	14:00	14:05	00:05	62.57666779	-86.83000183	62.58333206	-86.86499786	Moving	7	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Coastal Shipping	Kitikmeot W.	24-Jul-22	14:10	14:15	00:05	62.59000015	-86.89499664	62.59666824	-86.93499756	Moving	7	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Coastal Shipping	Kitikmeot W.	24-Jul-22	14:20	14:25	00:05	62.60499954	-86.95999908	62.61333466	-87.00333405	Moving	7	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Coastal Shipping	Kitikmeot W.	24-Jul-22	15:30	15:35	00:05	62.69499969	-87.41500092	62.70166779	-87.44833374	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	24-Jul-22	15:40	15:45	00:05	62.70833206	-87.48166656	62.71500015	-87.51667023	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	24-Jul-22	15:50	15:55	00:05	62.72166824	-87.55000305	62.72999954	-87.58499908	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	24-Jul-22	16:00	16:05	00:05	62.73500061	-87.60832977	62.74333191	-87.64666748	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	24-Jul-22	16:10	16:15	00:05	62.75	-87.6783371	62.75666809	-87.70999908	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Light Wind



Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Coastal Shipping	Kitikmeot W.	24-Jul-22	16:20	16:25	00:05	62.76333237	-87.73999786	62.76833344	-87.77166748	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	25-Jul-22	06:26	06:31	00:05	63.73166656	-92.181666351	63.74499893	-92.21333313	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	25-Jul-22	06:35	06:40	00:05	63.75166702	-92.23500061	63.75166702	-92.27500153	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	25-Jul-22	06:43	06:48	00:05	63.75166702	-92.29666901	63.75166702	-92.33499908	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	25-Jul-22	06:50	06:55	00:05	63.75166702	-92.34833527	63.75833511	-92.37999725	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	25-Jul-22	07:00	07:05	00:05	63.77166748	-92.40499878	63.78499985	-92.42500305	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	25-Jul-22	07:10	07:15	00:05	63.79833221	-92.44499969	63.81000137	-92.47166443	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	25-Jul-22	15:05			63.93333435	-93.6166687	63.93333435	-93.6166687	Stationary	7	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	25-Jul-22	19:30			63.9366684	-93.62999725	63.9366684	-93.62999725	Stationary	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	25-Jul-22	22:00			63.93999863	-93.61833191	63.93999863	-93.61833191	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	26-Jul-22	08:15			63.93999863	-93.61833191	63.93999863	-93.61833191	Stationary	8	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	26-Jul-22	11:30			63.93999863	-93.61833191	63.93999863	-93.61833191	Stationary	8	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	26-Jul-22	15:50			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	7	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	26-Jul-22	18:00			63.93999863	-93.61833191	63.93999863	-93.61833191	Stationary	8	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	26-Jul-22	21:30			63.93999863	-93.61833191	63.93999863	-93.61833191	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	27-Jul-22	08:00			67.94000244	-93.61833191	67.94000244	-93.61833191	Stationary	8	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	27-Jul-22	10:15			67.94000244	-93.61833191	67.94000244	-93.61833191	Stationary	8	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	27-Jul-22	14:05			68.08333588	-93.6166687	67.93333435	-93.6166687	Stationary	7	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	28-Jul-22	09:00			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	10	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	28-Jul-22	11:00			67.9383316	-93.61833191	67.9383316	-93.61833191	Stationary	7	Cloudy	Slight/ Grey	Rippled	0.3	Strong Wind
Coastal Shipping	Kitikmeot W.	28-Jul-22	14:40			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	7	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	28-Jul-22	18:10			67.9383316	-93.61833191	67.9383316	-93.61833191	Stationary	7	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	28-Jul-22	09:00			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	29-Jul-22	09:10			67.9383316	-93.61833191	67.9383316	-93.61833191	Stationary	8	Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	29-Jul-22	11:00			67.9383316	-93.61833191	67.9383316	-93.61833191	Stationary	8	Clear or Partly Cloudy	Slight/ Grey	Glassy	0.1	Light Wind
Coastal Shipping	Kitikmeot W.	29-Jul-22	16:00			67.9383316	-93.61833191	67.9383316	-93.61833191	Stationary	7	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Strong Wind
Coastal Shipping	Kitikmeot W.	29-Jul-22	22:00			67.9383316	-93.6166687	67.9383316	-93.6166687	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	30-Jul-22	08:15			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	7	Clear or Partly Cloudy	None	Wavelets	1	Strong Wind
Coastal Shipping	Kitikmeot W.	30-Jul-22	12:05			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	7	Clear or Partly Cloudy	None	Wavelets	1	Strong Wind
Coastal Shipping	Kitikmeot W.	30-Jul-22	14:14			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	7	Clear or Partly Cloudy	None	Wavelets	1	Strong Wind
Coastal Shipping	Kitikmeot W.	30-Jul-22	17:45			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	7	Clear or Partly Cloudy	None	Wavelets	1	Strong Wind
Coastal Shipping	Kitikmeot W.	31-Jul-22	08:15			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	7	Cloudy	None	Wavelets	1	Strong Wind
Coastal Shipping	Kitikmeot W.	31-Jul-22	12:15			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	7		None	Wavelets	1	Strong Wind
Coastal Shipping	Kitikmeot W.	31-Jul-22	15:40			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	7		Slight/ Grey	Rippled	1	Strong Wind
Coastal Shipping	Kitikmeot W.	31-Jul-22	22:00			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	10	Cloudy	None	Rippled	0.5	Strong Wind
Coastal Shipping	Kitikmeot W.	01-Aug-22	15:50			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	6		Slight/ Grey	Wavelets	2	Strong Wind
Coastal Shipping	Kitikmeot W.	01-Aug-22	17:30			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	7		None	Wavelets	1	Strong Wind
Coastal Shipping	Kitikmeot W.	01-Aug-22	22:00			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	10		Slight/ Grey	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	02-Aug-22	09:00			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	8	Clear or Partly Cloudy	None	Wavelets	0.75	Strong Wind
Coastal Shipping	Kitikmeot W.	02-Aug-22	15:50			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	7		Slight/ Grey	Rippled	1	Strong Wind
Coastal Shipping	Kitikmeot W.	02-Aug-22	17:10			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	8	Clear or Partly Cloudy	None	Wavelets	1	Strong Wind
Coastal Shipping	Kitikmeot W.	02-Aug-22	21:50			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	10	Cloudy	Slight/ Grey	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	03-Aug-22	08:15			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	7	Cloudy	None	Rippled	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	03-Aug-22	11:00			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	6	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	
Coastal Shipping	Kitikmeot W.	03-Aug-22	15:45			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	6		Slight/ Grey	Rippled	1	Strong Wind
Coastal Shipping	Kitikmeot W.	04-Aug-22	07:00			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	04-Aug-22	11:05			63.9366684	-93.62666321	63.9366684	-93.62666321	Stationary	7	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.3	Strong Wind
Coastal Shipping	Kitikmeot W.	04-Aug-22	14:25			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	7	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Strong Wind
Coastal Shipping	Kitikmeot W.	04-Aug-22	22:00			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	10		None	Glassy	0.5	Strong Wind

Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Coastal Shipping	Kitikmeot W.	05-Aug-22	10:10			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	8	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	05-Aug-22	11:45			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	8	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	05-Aug-22	14:05			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	7	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	05-Aug-22	18:25			67.93333435	-93.6166687	67.93333435	-93.6166687	Stationary	8	Cloudy	Slight/ Grey	Glassy	0	Light Wind
Coastal Shipping	Kitikmeot W.	06-Aug-22	07:10	07:10	00:00	63.96333313	-93.31833649	63.96166611	-93.29166412	Moving	10	Clear or Partly Cloudy	None	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	06-Aug-22	07:17	07:23	00:06	63.95999908	-93.26000214	63.95500183	-93.22000122	Moving	10	Clear or Partly Cloudy	None	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	06-Aug-22	07:25	07:30	00:05	63.95500183	-93.20999908	63.95000076	-93.17166901	Moving	10	Clear or Partly Cloudy	None	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	06-Aug-22	07:35	07:40	00:05	63.94333267	-93.13999939	63.92833328	-93.11499786	Moving	10	Clear or Partly Cloudy	None	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	06-Aug-22	07:45	07:50	00:05	63.90999985	-93.08333588	63.90999985	-93.04166412	Moving	10	Clear or Partly Cloudy	None	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	06-Aug-22	07:53	07:58	00:05	63.91166687	-93.03333282	63.91666794	-92.98999786	Moving	10	Clear or Partly Cloudy	None	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	06-Aug-22	19:00	19:05	00:05	63.04333496	-89.12833405	63.03666687	-89.09666443	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	06-Aug-22	19:10	19:15	00:05	63.0316658	-89.06833649	63.02666855	-89.03833008	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	06-Aug-22	19:20	19:25	00:05	63.02000046	-89.0083313	63.01499939	-88.98000336	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	06-Aug-22	19:30	19:35	00:05	63.00833511	-88.94833374	63.00333405	-88.91999817	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	06-Aug-22	19:40	19:45	00:05	62.99833298	-88.88999939	62.99166489	-88.86000061	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	06-Aug-22	19:50	19:55	00:05	62.98666763	-88.83166504	62.97999954	-88.80166626	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	06-Aug-22	22:00	22:05	00:05	62.82833481	-88.09333038	62.82333374	-88.0633316	Moving	10	Clear or Partly Cloudy	None	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	06-Aug-22	22:10	22:15	00:05	62.81666565	-88.03666687	62.81166684	-88.0533371	Moving	10	Clear or Partly Cloudy	None	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	06-Aug-22	22:20	22:25	00:05	62.80500031	-87.98166656	62.79833221	-87.94000244	Moving	10	Clear or Partly Cloudy	None	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	06-Aug-22	22:25	22:30	00:05	62.79499817	-87.95666504	62.79499817	-87.92500305	Moving	10	Clear or Partly Cloudy	None	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	06-Aug-22	22:35	22:40	00:05	62.79000092	-87.95166779	62.78499985	-87.87000275	Moving	10	Clear or Partly Cloudy	None	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	06-Aug-22	22:45	22:50	00:05	62.7816658	-87.88666534	62.77500153	-87.81666565	Moving	10	Clear or Partly Cloudy	None	Glassy	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	07-Aug-22	10:22	10:27	00:05	61.95999908	-83.97833252	61.9766655	-83.95500183	Moving	10		None	Wavelets	1	Light Wind
Coastal Shipping	Kitikmeot W.	07-Aug-22	10:10	10:15	00:05	61.97333145	-83.91500092	61.96500015	-83.87333679	Moving	10		None	Wavelets	1	Light Wind
Coastal Shipping	Kitikmeot W.	07-Aug-22	10:20	10:25	00:05	61.9683342	-83.85500336	61.97166824	-83.83666992	Moving	10		None	Wavelets	1	Light Wind
Coastal Shipping	Kitikmeot W.	07-Aug-22	10:50	10:55	00:05	61.92666626	-83.69499969	61.92166519	-83.66666412	Moving	10		None	Wavelets	1	Light Wind
Coastal Shipping	Kitikmeot W.	07-Aug-22	11:00	11:05	00:05	61.91500092	-83.64167023	61.90999985	-83.61166382	Moving	10		None	Wavelets	1	Light Wind
Coastal Shipping	Kitikmeot W.	07-Aug-22	11:10	11:15	00:05	61.90499878	-83.58499908	61.90333176	-83.55833435	Moving	10		None	Wavelets	1	Light Wind
Coastal Shipping	Kitikmeot W.	07-Aug-22	16:16	16:21	00:05	62.13166809	-81.87999725	62.13833237	-81.84999847	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Light Wind
Coastal Shipping	Kitikmeot W.	07-Aug-22	16:25	16:30	00:05	62.14333344	-81.83000183	62.15000153	-81.80000305	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Light Wind
Coastal Shipping	Kitikmeot W.	07-Aug-22	16:33	16:38	00:05	62.15333176	-81.78333282	62.15999985	-81.75333405	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Light Wind
Coastal Shipping	Kitikmeot W.	07-Aug-22	16:40	16:45	00:05	62.16333389	-81.74500275	62.16999817	-81.71166992	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Light Wind
Coastal Shipping	Kitikmeot W.	07-Aug-22	16:50	16:55	00:05	62.17666626	-81.68333435	62.18333435	-81.65333557	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Light Wind
Coastal Shipping	Kitikmeot W.	07-Aug-22	17:00	17:05	00:05	62.1883316	-81.62666321	62.19666672	-81.59166718	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Light Wind
Coastal Shipping	Kitikmeot W.	07-Aug-22	20:10	20:15	00:05	62.41999817	-80.46333313	62.42666626	-80.4366684	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	07-Aug-22	20:20	20:25	00:05	62.43000031	-80.40499878	62.43500137	-80.37000275	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	07-Aug-22	20:30	20:35	00:05	62.44166565	-80.34666443	62.44833374	-80.33666992	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	07-Aug-22	20:35	20:40	00:05	62.4383316	-80.30500031	62.44499969	-80.29166412	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	07-Aug-22	20:45	20:50	00:05	62.45666504	-79.98833466	62.46500015	-80.23500061	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	07-Aug-22	21:00	21:05	00:05	62.4766655	-80.18000031	62.48500061	-81.50166321	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	08-Aug-22	10:00	10:05	00:05	62.82833481	-75.02500153	62.82833481	-74.98999786	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Calm
Coastal Shipping	Kitikmeot W.	08-Aug-22	10:10	10:15	00:05	62.83000183	-74.95833588	62.83000183	-74.92166901	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Calm
Coastal Shipping	Kitikmeot W.	08-Aug-22	10:20	10:25	00:05	62.83000183	-74.89666748	62.83000183	-74.85832977	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Calm
Coastal Shipping	Kitikmeot W.	08-Aug-22	10:30	10:35	00:05	62.83000183	-74.82333374	62.83000183	-74.79166412	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Calm
Coastal Shipping	Kitikmeot W.	08-Aug-22	10:40	10:45	00:05	62.83000183	-74.76000214	62.82833481	-74.72499847	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Calm
Coastal Shipping	Kitikmeot W.	08-Aug-22	10:50	10:55	00:05	62.82833481	-74.68000031	62.82833481	-74.65333557	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Calm
Coastal Shipping	Kitikmeot W.	08-Aug-22	20:00	20:05	00:05	62.29499817	-71.36000061	62.28666687	-71.33666992	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Calm
Coastal Shipping	Kitikmeot W.	08-Aug-22	20:10	20:15	00:05	62.2816658	-71.30166626	62.2733345	-71.26999664	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Calm
Coastal Shipping	Kitikmeot W.	08-Aug-22	20:20	20:25	00:05	62.26833344	-71.24333191	62.25999832	-71.21333313	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Calm

Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Coastal Shipping	Kitikmeot W.	08-Aug-22	20:30	20:35	00:05	62.25500107	-71.1866684	62.24499893	-71.16333008	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Calm
Coastal Shipping	Kitikmeot W.	08-Aug-22	20:40	20:45	00:05	62.24166489	-71.13166809	62.23500061	-71.09999847	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Calm
Coastal Shipping	Kitikmeot W.	08-Aug-22	20:50	20:55	00:05	62.22833252	-71.07499695	62.22000122	-71.04666901	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Calm
Coastal Shipping	Kitikmeot W.	09-Aug-22	06:20	06:25	00:05	61.44666672	-67.51667023	61.43999863	-67.48332977	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	09-Aug-22	06:30	06:35	00:05	61.43333435	-67.45166779	61.42666626	-67.41833496	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	09-Aug-22	06:40	06:45	00:05	61.41999817	-67.38999939	61.41333389	-67.36166382	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	09-Aug-22	06:50	06:55	00:05	61.4066658	-67.33000183	61.40000153	-67.30000305	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	09-Aug-22	07:00	07:05	00:05	61.39333344	-67.26999664	61.38666534	-67.23999786	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	09-Aug-22	07:10	07:15	00:05	61.38000107	-67.20833588	61.37333298	-67.17500305	Moving	15	Clear or Partly Cloudy	None	Glassy	0	Calm
Coastal Shipping	Kitikmeot W.	09-Aug-22	08:00	08:05	00:05	61.31833267	-66.91999817	61.3133316	-66.88666534	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	09-Aug-22	08:10	08:15	00:05	61.30500031	-66.86000061	61.29833221	-66.8216629	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	09-Aug-22	08:20	08:25	00:05	61.29166794	-66.79833221	61.28499985	-66.75666809	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	09-Aug-22	08:30	08:35	00:05	61.27666855	-66.73666382	61.27000046	-66.70500183	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	09-Aug-22	08:40	08:45	00:05	61.26333237	-66.67333221	61.25500107	-66.64666748	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Coastal Shipping	Kitikmeot W.	09-Aug-22	08:50	08:55	00:05	61.24833298	-66.61166382	61.24000168	-66.57666779	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
CSL	Kivalliq W.	13-Jul-22	22:00			64.30666351	-76.00166321	64.30666351	-76.00166321	Stationary	7	Clear or Partly Cloudy	None	Glassy	0.5	Light Wind
CSL	Kivalliq W.	13-Jul-22	22:40			64.30000305	-95.97666931	64.30000305	-95.97666931	Stationary	7	Clear or Partly Cloudy	None	Glassy	0.5	Light Wind
CSL	Kivalliq W.	13-Jul-22	22:45	22:50	00:05	64.30000305	-95.84333038	64.30000305	-95.84333038	Stationary	7	Clear or Partly Cloudy	None	Glassy	0.5	Light Wind
CSL	Kivalliq W.	13-Jul-22	23:00			64.30000305	-95.84333038	64.30000305	-95.84333038	Stationary	7	Clear or Partly Cloudy	None	Glassy	0.5	Light Wind
CSL	Kivalliq W.	13-Jul-22	23:05			64.30000305	-95.84333038	64.30000305	-95.84333038	Stationary	7	Clear or Partly Cloudy	None	Glassy	0.5	Light Wind
CSL	Kivalliq W.	13-Jul-22	23:00			64.30000305	-95.84333038	64.30000305	-95.84333038	Stationary	7	Clear or Partly Cloudy	None	Glassy	0.5	Light Wind
CSL	Kivalliq W.	14-Jul-22	07:54	08:00	00:06	63.9383316	-93.63500214	63.9383316	-93.63500214	Stationary	6	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	
CSL	Kivalliq W.	14-Jul-22	08:10	08:15	00:05	63.9383316	-93.63666534	63.9383316	-93.63666534	Stationary	6	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	
CSL	Kivalliq W.	14-Jul-22	08:20	08:25	00:05	63.9383316	-93.63666534	63.9383316	-93.63666534	Stationary	6	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	
CSL	Kivalliq W.	14-Jul-22	08:30	08:35	00:05	63.9383316	-93.63666534	63.9383316	-93.63666534	Stationary	6	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	
CSL	Kivalliq W.	14-Jul-22	08:40	08:45	00:05	63.9383316	-93.63666534	63.9383316	-93.63666534	Stationary	6	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	
CSL	Kivalliq W.	14-Jul-22	08:50	09:00	00:10	63.9383316	-93.64167023	63.9383316	-93.64167023	Stationary	6	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	
CSL	Kivalliq W.	16-Jul-22	12:06	12:11	00:05	64.12166595	-94.3666687	64.12166595	-94.37999725	Moving	6	Clear or Partly Cloudy	None	Glassy	0	Light Wind
CSL	Kivalliq W.	16-Jul-22	12:11	12:16	00:05	64.12000275	-94.37999725	64.12000275	-94.39666748	Moving	6	Clear or Partly Cloudy	None	Glassy	0	Light Wind
CSL	Kivalliq W.	16-Jul-22	12:22	12:27	00:05	64.12000275	-94.44333649	64.12000275	-94.43499756	Moving	6	Clear or Partly Cloudy	None	Glassy	0	Light Wind
CSL	Kivalliq W.	16-Jul-22	12:27	12:38	00:11	64.11816406	-94.44333649	64.11816406	-94.44333649	Moving	6	Clear or Partly Cloudy	None	Glassy	0	Light Wind
CSL	Kivalliq W.	16-Jul-22	12:38	12:43	00:05	64.11816406	-94.4366684	64.1186676	-94.54499817	Moving	6	Clear or Partly Cloudy	None	Glassy	0	Light Wind
CSL	Kivalliq W.	16-Jul-22	13:10	13:15	00:05	64.13166809	-94.79166412	64.12999725	-94.83666992	Moving	6	Clear or Partly Cloudy	None	Glassy	0	Light Wind
CSL	Kivalliq W.	15-Jul-22	16:00	16:05	00:05	64.12333679	-94.37333679	64.12333679	-94.37333679	Stationary	6	Clear or Partly Cloudy	None	Rippled	0.5	
CSL	Kivalliq W.	15-Jul-22	16:06	16:11	00:05	64.12333679	-94.37333679	64.12333679	-94.37333679	Stationary	6	Clear or Partly Cloudy	None	Rippled	0.5	
CSL	Kivalliq W.	15-Jul-22	16:15	16:20	00:05	64.12333679	-94.37333679	64.12333679	-94.37333679	Stationary	6	Clear or Partly Cloudy	None	Rippled	0.5	
CSL	Kivalliq W.	15-Jul-22	16:30	16:35	00:05	64.12333679	-94.37333679	64.12333679	-94.37333679	Stationary	6	Clear or Partly Cloudy	None	Rippled	0.5	
CSL	Kivalliq W.	15-Jul-22	16:40	16:45	00:05	64.12333679	-94.37333679	64.12333679	-94.37333679	Stationary	6	Clear or Partly Cloudy	None	Rippled	0.5	
CSL	Kivalliq W.	15-Jul-22	17:00	17:05	00:05	64.12333679	-94.37333679	64.12333679	-94.37333679	Stationary	6	Clear or Partly Cloudy	None	Rippled	0.5	
Desgagnes	Miena	04-Jul-22		18:00				60.5	-65.80000305	Moving	1	Fog	None		0.4	Light Wind
Desgagnes	Miena	04-Jul-22	16:11	16:16	00:05					Moving	1	Fog	None		0.4	Light Wind
Desgagnes	Miena	04-Jul-22	16:16	16:21	00:05					Moving	1	Fog	None		0.4	Light Wind
Desgagnes	Miena	04-Jul-22	16:22	16:27	00:05					Moving	1	Fog	None		0.4	Light Wind
Desgagnes	Miena	04-Jul-22	16:28	16:37	00:09					Moving	1	Fog	None		0.4	Light Wind
Desgagnes	Miena	04-Jul-22	16:35	16:40	00:05				-66.00499725	Moving	1	Fog	None		0.4	Light Wind
Desgagnes	Miena	05-Jul-22	14:52	14:57	00:05	62.49666595	-73.37000275			Moving	5	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.5	Light Wind
Desgagnes	Miena	05-Jul-22	14:59	15:04	00:05					Moving	5	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.5	Light Wind
Desgagnes	Miena	05-Jul-22	15:06	15:11	00:05			62.50166702	-73.52833557	Moving	5	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.5	Light Wind
Desgagnes	Miena	05-Jul-22	15:12	15:17	00:05			62.50333405	-73.58166504	Moving	5	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.5	Light Wind

Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Desgagnes	Miena	05-Jul-22	15:19	15:25	00:06			62.50666809	-73.59166718	Moving	5	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.5	Light Wind
Desgagnes	Miena	05-Jul-22	15:26	15:31	00:05			62.50999832	-73.70500183	Moving	5	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.5	Light Wind
Desgagnes	Miena	06-Jul-22	14:55	15:00	00:05	62.04333496	-84.3216629			Moving		Clear or Partly Cloudy	None	Rippled	0.2	
Desgagnes	Miena	06-Jul-22	15:04	15:09	00:05	63.04949951	-84.38916779	63.05500031	-84.45833588	Moving		Clear or Partly Cloudy	None	Rippled	0.2	
Desgagnes	Miena	06-Jul-22	15:11	15:16	00:05			60.0613327	-84.51667023	Moving		Clear or Partly Cloudy	None	Rippled	0.2	
Desgagnes	Miena	06-Jul-22	16:19	16:24	00:05			62.06499863	-84.55833435	Moving		Clear or Partly Cloudy	None	Rippled	0.2	
Desgagnes	Miena	06-Jul-22	16:25	16:30	00:05			62.06833267	-84.60166931	Moving		Clear or Partly Cloudy	None	Rippled	0.2	
Desgagnes	Miena	06-Jul-22	06:31	16:36	00:05			62.07166672	-84.64499664	Moving		Clear or Partly Cloudy	None	Rippled	0.2	
Desgagnes	Miena	08-Jul-22	14:30	15:00	00:30	62.76666641	-92.08333588	62.76666641	-92.08333588	Stationary	10	Clear or Partly Cloudy	None	Glassy	0	Calm
Desgagnes	Miena	09-Jul-22	14:30	15:00	00:30	62.77666855	-92.09500122	62.77666855	-92.09500122	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Desgagnes	Miena	10-Jul-22	14:00	14:30	00:30	62.77666855	-92.09166718	62.77666855	-92.09166718	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Desgagnes	Miena	11-Jul-22	10:00	10:30	00:30	62.77666855	-92.09166718	62.77666855	-92.09166718	Stationary	10	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.15	Light Wind
Desgagnes	Miena	13-Jul-22	10:00	10:30	00:30	62.77500153	-92.08833313	62.75833511	-92.08833313	Stationary	10	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Desgagnes	Miena	15-Jul-22	15:05	15:10	00:05	62.04833221	-82.99500275	62.05500031	-82.95166779	Moving	0.2	Fog	None		0.5	Light Wind
Desgagnes	Miena	15-Jul-22	15:12	15:17	00:05	62.05500031	-82.99500275	62.06000137	-82.90833282	Moving	0.2	Fog	None		0.5	Light Wind
Desgagnes	Miena	15-Jul-22	15:18	15:23	00:05			62.06666565	-82.86333466	Moving	0.2	Fog	None		0.5	Light Wind
Desgagnes	Miena	15-Jul-22	15:24	15:29	00:05	62.06666565	-82.86499786	62.07333374	-82.81500244	Moving	0.2	Fog	None		0.5	Light Wind
Desgagnes	Miena	15-Jul-22	15:30	15:35	00:05	62.07333374	-82.81500244	62.08000183	-82.77500153	Moving	0.2	Fog	None		0.5	Light Wind
Desgagnes	Miena	15-Jul-22	15:30	15:41	00:11	62.08000183	-82.77500153	62.08666611	-82.72499847	Moving	0.2	Fog	None		0.5	Light Wind
Desgagnes	Miena	16-Jul-22	15:04	15:09	00:05	61.77999878	-70.94499969	61.77333345	-70.86166382	Moving	15	Clear or Partly Cloudy		Glassy	0	Calm
Desgagnes	Miena	16-Jul-22	15:10	15:15	00:05	61.77333345	-70.86000061	61.76166534	-70.81833649	Moving	15	Clear or Partly Cloudy		Glassy	0	Calm
Desgagnes	Miena	16-Jul-22	15:16	15:21	00:05	61.76166534	-70.81833649	61.74166489	-70.82833099	Moving	15	Clear or Partly Cloudy		Glassy	0	Calm
Desgagnes	Miena	16-Jul-22	16:22	16:27	00:05	61.73333359	-70.74166687	61.72999954	-70.70666504	Moving	15	Clear or Partly Cloudy		Glassy	0	Calm
Desgagnes	Miena	16-Jul-22	16:28	16:33	00:05	61.72000122	-70.70166779	61.72000122	-70.6783371	Moving	15	Clear or Partly Cloudy		Glassy	0	Calm
Desgagnes	Miena	16-Jul-22	16:35	16:40	00:05			61.70833206	-70.62166595	Moving	15	Clear or Partly Cloudy		Glassy	0	Calm
Desgagnes	Miena	17-Jul-22	13:01	13:06	00:05	60.17666626	-61.04999924	60.16833496	-61.99833298	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.2	Light Wind
Desgagnes	Miena	17-Jul-22	13:08	13:13	00:05	60.15000153	-61.99666595	60.15999985	-60.95999908	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.2	Light Wind
Desgagnes	Miena	17-Jul-22	13:16	13:21	00:05	60.15833282	-60.94166565	60.15166855	-60.90000153	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.2	Light Wind
Desgagnes	Miena	17-Jul-22	13:22	13:27	00:05	60.15166855	-60.8983345	60.14333344	-60.85333252	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.2	Light Wind
Desgagnes	Miena	17-Jul-22	13:29	13:34	00:05	60.14333344	-60.84833145	60.13833237	-60.81499863	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.2	Light Wind
Desgagnes	Miena	17-Jul-22	13:35	13:40	00:05	60.13666534	-60.81166684	60.13000107	-60.75999832	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.2	Light Wind
	Atlantic Beech	05-Aug-22	09:00			64.3033371	-95.95333099			Stationary	10					Calm
	Atlantic Beech	31-Jul-22	21:00			64	-94.31666565			Moving	12					Light Wind
	Atlantic Beech	29-Jul-22	12:00			63.94166565	-93.64167023			Stationary	6					Light Wind
	Atlantic Beech	28-Jul-22	19:30			64.28333282	-95.88833618			Moving	10					Light Wind
	Atlantic Beech	18-Jul-22	15:30			64.04166412	-94.31666565			Moving	20					Strong Wind
	Atlantic Beech	17-Jul-22	14:30			63.58333206	-91.21833038			Moving	24					Calm
	Atlantic Beech	15-Jul-22	11:33			62.63333511	-80.28333282			Moving	24					Calm
	Atlantic Beech	14-Jul-22	11:30			62.82500076	-75.72000122			Moving	20					Calm
	Atlantic Beech	14-Jul-22	14:20			62.83416748	-74.46067047			Moving	10					Calm
	Atlantic Beech	14-Jul-22	12:35			62.81116486	-74.05049896			Moving	10					Calm
	Atlantic Beech	14-Jul-22	08:08			62.47333145	-72.92500305			Moving	26					Calm
	Atlantic Elm	14-Jul-22	06:30			60.7171669	-67.76716614			Moving	3					Light Wind
	Atlantic Elm	14-Jul-22	21:16			61.56666565	-70.8833313			Moving	30					Light Wind
	Atlantic Elm	14-Jul-22	21:15			61.66666794	-70.83333588			Moving	30					Light Wind
	Atlantic Elm	14-Jul-22	21:00			61.66666794	-70.83333588			Moving	30					Light Wind
	Atlantic Elm	15-Jul-22	06:36			62.2254982	-72.33666992			Moving	10					Light Wind
	Atlantic Elm	16-Jul-22	20:00			62.54999924	-75.81666565			Moving	30					Light Wind
	Atlantic Elm	16-Jul-22	07:00			62.59483337	-78.64533234			Moving	10					Calm



Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
	Atlantic Elm	16-Jul-22	07:25			62.58499908	-78.73049927			Moving	10					Calm
	Atlantic Elm	16-Jul-22	20:00			62.08850098	-82.46666718			Moving	12					Light Wind
	Atlantic Elm	16-Jul-22	20:15			62.08200073	-82.51633453			Moving	12					Light Wind
	Atlantic Elm	16-Jul-22	20:35			62.06733322	-82.58999634			Moving	8					Light Wind
	Atlantic Elm	17-Jul-22	20:49			63.1894989	-88.84549713			Moving	20					Light Wind
	Atlantic Elm	17-Jul-22	20:55			62.98600006	-88.90682983			Moving	20					Light Wind
	Atlantic Elm	17-Jul-22	20:55			62.98600006	-88.90682983			Moving	20					Light Wind
	Atlantic Elm	25-Jul-22	06:15			63.95916748	-93.57033539			Stationary	10					Light Wind
	Atlantic Elm	13-Jul-22				60.55049896	-65.59500122			Moving	12					Light Wind
	Nordika Desgagnes	11-Jul-22	13:00	13:05	00:05	60.67950058	-67.7488327			Moving	7	Cloudy		Wavelets		Light Wind
	Nordika Desgagnes	11-Jul-22	13:05	13:10	00:05					Moving	7	Cloudy		Wavelets		Light Wind
	Nordika Desgagnes	11-Jul-22	13:10	13:15	00:05					Moving	7	Cloudy		Wavelets		Light Wind
	Nordika Desgagnes	11-Jul-22	13:15	13:20	00:05					Moving	7	Cloudy		Wavelets		Light Wind
	Nordika Desgagnes	11-Jul-22	13:20	13:25	00:05					Moving	7	Cloudy		Wavelets		Light Wind
	Nordika Desgagnes	11-Jul-22	13:25	13:30	00:05					Moving	7	Cloudy		Wavelets		Light Wind
	Nordika Desgagnes	11-Jul-22	14:00	14:05	00:05	60.85150146	-68.42549896			Moving	6	Cloudy	Slight/ Grey	Wavelets		Light Wind
	Nordika Desgagnes	11-Jul-22	14:05	14:10	00:05					Moving	6	Cloudy	Slight/ Grey	Wavelets		Light Wind
	Nordika Desgagnes	11-Jul-22	14:10	14:15	00:05					Moving	6	Cloudy	Slight/ Grey	Wavelets		Light Wind
	Nordika Desgagnes	11-Jul-22	14:15	14:20	00:05					Moving	6	Cloudy	Slight/ Grey	Wavelets		Light Wind
	Nordika Desgagnes	11-Jul-22	14:20	14:25	00:05					Moving	6	Cloudy	Slight/ Grey	Wavelets		Light Wind
	Nordika Desgagnes	11-Jul-22	14:25	14:30	00:05					Moving	6	Cloudy	Slight/ Grey	Wavelets		Light Wind
	Nordika Desgagnes	11-Jul-22	15:00	15:05	00:05	60.94683456	-68.80966949			Moving	6	Cloudy	Slight/ Grey	Slight		Light Wind
	Nordika Desgagnes	11-Jul-22	15:05	15:10	00:05					Moving	6	Cloudy	Slight/ Grey	Slight		Light Wind
	Nordika Desgagnes	11-Jul-22	15:10	15:15	00:05					Moving	6	Cloudy	Slight/ Grey	Slight		Light Wind
	Nordika Desgagnes	11-Jul-22	15:15	15:20	00:05					Moving	6	Cloudy	Slight/ Grey	Slight		Light Wind
	Nordika Desgagnes	11-Jul-22	15:20	15:25	00:05					Moving	6	Cloudy	Slight/ Grey	Slight		Light Wind
	Nordika Desgagnes	11-Jul-22	15:25	15:30	00:05			61.2120018	-69.48266602	Moving	6	Cloudy	Slight/ Grey	Slight		Light Wind
	Nordika Desgagnes	13-Jul-22	13:00			62.32833481	-88.13166809			Moving	6	Clear or Partly Cloudy	Slight/ Grey	Wavelets		Light Wind
	Nordika Desgagnes	22-Jul-22	14:00	14:05	00:05	62.75999832	-92.0633316			Moving	7	Clear or Partly Cloudy		Slight		Light Wind
	Nordika Desgagnes	23-Jul-22	13:00	13:05	00:05	62.28333282	-81.77500153			Moving	6	Cloudy	Slight/ Grey	Slight		Strong Wind
	Nordika Desgagnes	24-Jul-22	13:00	13:05	00:05	61.78166658	-71.03333282			Moving	4			Slight		
	Nordika Desgagnes	24-Jul-22	13:05	13:10	00:05					Moving	4			Slight		
	Nordika Desgagnes	24-Jul-22	13:10	13:15	00:05					Moving	4			Slight		
	Nordika Desgagnes	24-Jul-22	13:15	13:20	00:05					Moving	4			Slight		
	Nordika Desgagnes	24-Jul-22	13:20	13:25	00:05					Moving	4			Slight		
	Nordika Desgagnes	24-Jul-22	13:25	13:30	00:05					Moving	4			Slight		
Coastal Shipping	Tuvaq W.	12-Jul-22	12:00	13:00	01:00	63.51499939	-90.99666595			Moving	7	Clear or Partly Cloudy		Glassy	0	Calm
Coastal Shipping	Tuvaq W.	13-Jul-22	12:00	13:00	01:00	63.51499939	-90.99666595	63.61000061	-91.33000183	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Coastal Shipping	Tuvaq W.	14-Jul-22	10:00	11:00	01:00	63.92666626	-93.91000366	63.99499893	-94.19333649	Moving	7	Clear or Partly Cloudy	None	Slight	2	
Coastal Shipping	Tuvaq W.	14-Jul-22	12:00	13:00	01:00	62.97333145	-79.11499786	62.95000076	-79.51499939	Moving	20	Clear or Partly Cloudy		Wavelets	0	Light Wind
Coastal Shipping	Tuvaq W.	15-Jul-22	12:00	13:00	01:00	63.98666763	-94.11499786	64.04000092	-94.32333374	Moving	7	Clear or Partly Cloudy	None	Wavelets	2	Light Wind
Coastal Shipping	Tuvaq W.	15-Jul-22	12:00	13:00	01:00	61.09000015	-64.79666901	61.23166656	-65.27333069	Moving	8	Clear or Partly Cloudy	None			Light Wind
Coastal Shipping	Tuvaq W.	16-Jul-22	12:00	13:00	01:00	63.91999817	-93.94999695	63.99333191	-94.23666382	Moving	10	Clear or Partly Cloudy	None	Slight	2	
Coastal Shipping	Tuvaq W.	16-Jul-22	12:00	13:00	01:00	63.98333359	-94.23332977	64.11666687	-94.44999695	Moving		Clear or Partly Cloudy				
Coastal Shipping	Tuvaq W.	17-Jul-22	12:00	13:00	01:00	63.92666626	-93.99166687	63.99499893	-94.23300171	Moving	10	Cloudy	None	Glassy	0	Light Wind
Coastal Shipping	Tuvaq W.	17-Jul-22	12:00	13:00	01:00	64.29833221	-95.97499847	64.29833221	-95.97499847	Stationary		Clear or Partly Cloudy		Slight	2	Light Wind
Coastal Shipping	Tuvaq W.	20-Jul-22	15:00	16:00	01:00	64.12833405	-94.63666534	64.06833649	-94.37666321	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Coastal Shipping	Tuvaq W.	21-Jul-22	10:00	10:20	00:20	63.3116684	-90.63833618	63.3116684	-90.63833618	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0	Calm
Coastal Shipping	Tuvaq W.	22-Jul-22	12:50	13:50	01:00	63.57833481	-91.09333038	63.63333511	-91.52999878	Moving	10	Clear or Partly Cloudy	None	Glassy	0	Calm

Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Coastal Shipping	Tuvaq W.	24-Jul-22	14:00	15:00	01:00	63.62833405	-91.41333008	63.58000183	-91.09833527	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	Light Wind
Coastal Shipping	Tuvaq W.	26-Jul-22	13:00			63.75333405	-92.375	63.81000137	-92.63999939	Moving	10	Clear or Partly Cloudy		Rippled	0	Calm
Coastal Shipping	Tuvaq W.	02-Aug-22	14:28	15:00	00:32	63.99499893	-94.23999786	64.01833344	-94.3133316	Moving	10	Clear or Partly Cloudy		Rippled	0.3	Light Wind
Coastal Shipping	Tuvaq W.	04-Aug-22	15:10	15:56	00:46	62.97000122	-94.06999969	63.99333191	-94.24500275	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.1	Strong Wind
Coastal Shipping	Tuvaq W.	27-Jul-22	10:15			64.03833008	-94.31833649			Moving						Light Wind
Desgagnes	Zelada Desgagnes	23-Jul-22	09:11	09:16	00:05	62.66333389	-79.09816742	62.65999985	-79.17500305	Moving	15	Clear or Partly Cloudy		Wavelets	0.5	Light Wind
Desgagnes	Zelada Desgagnes	23-Jul-22	09:17	09:22	00:05	62.65999985	-79.17500305	62.65833282	-79.20166779	Moving	15	Clear or Partly Cloudy		Wavelets	0.5	Light Wind
Desgagnes	Zelada Desgagnes	23-Jul-22	09:23	09:28	00:05	62.65833282	-79.20666504	62.6566658	-79.25666809	Moving	15	Clear or Partly Cloudy		Wavelets	0.5	Light Wind
Desgagnes	Zelada Desgagnes	23-Jul-22	09:29	09:34	00:05	62.6566658	-79.27500153	62.65499878	-79.30666351	Moving	15	Clear or Partly Cloudy		Wavelets	0.5	Light Wind
Desgagnes	Zelada Desgagnes	23-Jul-22	09:35	09:40	00:05	62.65416718	-79.26000214	62.65166855	-79.35832977	Moving	15	Clear or Partly Cloudy		Wavelets	0.5	Light Wind
Desgagnes	Zelada Desgagnes	23-Jul-22	09:41	09:46	00:05	62.65000153	-79.36000061	62.64833345	-79.40166473	Moving	15	Clear or Partly Cloudy		Wavelets	0.5	Light Wind
Desgagnes	Zelada Desgagnes	23-Jul-22	20:05	20:10	00:05	61.88499832	-84.16333008	61.88333511	-84.18000031	Moving	10	Clear or Partly Cloudy		Wavelets	1	Light Wind
Desgagnes	Zelada Desgagnes	23-Jul-22	20:12	20:17	00:05	61.88166809	-84.1883316	61.87833405	-84.22333527	Moving	10	Clear or Partly Cloudy		Wavelets	1	Light Wind
Desgagnes	Zelada Desgagnes	23-Jul-22	20:20	20:25	00:05	61.87333298	-84.26333618	61.87166595	-84.28500366	Moving	10	Clear or Partly Cloudy		Wavelets	1	Light Wind
Desgagnes	Zelada Desgagnes	23-Jul-22	20:28	20:33	00:05	61.86833191	-84.31666565	61.86500168	-84.35333252	Moving	10	Clear or Partly Cloudy		Wavelets	1	Light Wind
Desgagnes	Zelada Desgagnes	23-Jul-22	20:35	20:40	00:05	61.86333466	-84.38166809	61.86166763	-84.41166687	Moving	10	Clear or Partly Cloudy		Wavelets	1	Light Wind
Desgagnes	Zelada Desgagnes	23-Jul-22	20:42	20:47	00:05	61.85833359	-84.43000031	61.85666656	-84.45999908	Moving	10	Clear or Partly Cloudy		Wavelets	1	Light Wind
Desgagnes	Zelada Desgagnes	24-Jul-22	11:00	11:05	00:05	61.26499939	-91.39833069	61.26333237	-91.43333435	Moving	15	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes	Zelada Desgagnes	24-Jul-22	11:07	11:12	00:05	61.26166534	-91.44333649	61.25833511	-91.47000122	Moving	15	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes	Zelada Desgagnes	24-Jul-22	11:13	11:18	00:05	61.25749969	-91.4908371	61.25500107	-91.52500153	Moving	15	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes	Zelada Desgagnes	24-Jul-22	11:19	11:24	00:05	61.25333405	-91.53333282	61.25	-91.57499695	Moving	15	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes	Zelada Desgagnes	24-Jul-22	11:25	11:30	00:05	61.24900055	-91.58000183	61.24583435	-91.61833191	Moving	15	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes	Zelada Desgagnes	24-Jul-22	11:31	11:36	00:05	61.24499893	-91.62999725	61.24166489	-91.66666412	Moving	15	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes	Zelada Desgagnes	24-Jul-22	21:08	21:13	00:05	61.10666656	-93.96333313	61.10666656	-93.96333313	Stationary		Clear or Partly Cloudy	Bright on Observer's Side			Calm
Desgagnes	Zelada Desgagnes	24-Jul-22	21:20	21:25	00:05	61.10666656	-93.96333313	61.10666656	-93.96333313	Stationary		Clear or Partly Cloudy	Bright on Observer's Side			Calm
Desgagnes	Zelada Desgagnes	24-Jul-22	21:29	21:24	23:55	61.10666656	-93.96333313	61.10666656	-93.96333313	Stationary		Clear or Partly Cloudy	Bright on Observer's Side			Calm
Desgagnes	Zelada Desgagnes	24-Jul-22	21:35	21:40	00:05	61.10666656	-93.96333313	61.10666656	-93.96333313	Stationary		Clear or Partly Cloudy	Bright on Observer's Side			Calm
Desgagnes	Zelada Desgagnes	24-Jul-22	21:42	21:47	00:05	61.10666656	-93.96333313	61.10666656	-93.96333313	Stationary		Clear or Partly Cloudy	Bright on Observer's Side			Calm
Desgagnes	Zelada Desgagnes	24-Jul-22	21:55	22:00	00:05	61.10666656	-93.96333313	61.10666656	-93.96333313	Stationary		Clear or Partly Cloudy	Bright on Observer's Side			Calm
Desgagnes	Zelada Desgagnes	25-Jul-22	19:05	19:12	00:07	61.28666687	-93.12166595	61.31499863	-93.0716629	Moving	16	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes	Zelada Desgagnes	25-Jul-22	19:18	19:23	00:05	61.31999969	-93.0616684	61.33666611	-93.03500366	Moving	16	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes	Zelada Desgagnes	25-Jul-22	19:27	19:32	00:05		-93.01999664	61.35833359	-92.9916687	Moving	16	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes	Zelada Desgagnes	25-Jul-22	19:38	19:43	00:05	61.37166595	-92.96499634	61.38666534	-92.9366684	Moving	16	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes	Zelada Desgagnes	25-Jul-22	19:45	19:50	00:05	61.38999939	-92.93000031		-92.90499878	Moving	16	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes	Zelada Desgagnes	25-Jul-22	19:51	19:56	00:05	61.40499878	-92.90333557	61.41833496	-92.87999725	Moving	16	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes	Zelada Desgagnes	27-Jul-22	04:00	04:05	00:05	63.94166565	-93.64333344	63.94166565	-93.64333344	Stationary	12	Clear or Partly Cloudy	None	Glassy	0	Calm
Desgagnes	Zelada Desgagnes	27-Jul-22	04:05	04:10	00:05	63.94166565	-93.64333344	63.94166565	-93.64333344	Stationary	12	Clear or Partly Cloudy	None	Glassy	0	Calm
Desgagnes	Zelada Desgagnes	27-Jul-22	04:10	04:15	00:05	63.94166565	-93.64333344	63.94166565	-93.64333344	Stationary	12	Clear or Partly Cloudy	None	Glassy	0	Calm
Desgagnes	Zelada Desgagnes	27-Jul-22	04:15	04:20	00:05	63.94166565	-93.64333344	63.94166565	-93.64333344	Stationary	12	Clear or Partly Cloudy	None	Glassy	0	Calm
Desgagnes	Zelada Desgagnes	27-Jul-22	04:20	04:25	00:05	63.94166565	-93.64333344	63.94166565	-93.64333344	Stationary	12	Clear or Partly Cloudy	None	Glassy	0	Calm
Desgagnes	Zelada Desgagnes	27-Jul-22	04:25	04:30	00:05	63.94166565	-93.64333344	63.94166565	-93.64333344	Stationary	12	Clear or Partly Cloudy	None	Glassy	0	Calm
Desgagnes	Zelada Desgagnes	27-Jul-22	20:00	20:05	00:05	63.94166565	-93.64167023	63.94166565	-93.64167023	Stationary	12	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Desgagnes	Zelada Desgagnes	27-Jul-22	20:10	20:15	00:05	63.94166565	-93.63999939	63.94166565	-93.64167023	Stationary	12	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Desgagnes	Zelada Desgagnes	27-Jul-22	20:19	20:24	00:05	63.94166565	-93.64167023	63.94166565	-93.64167023	Stationary	12	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Desgagnes	Zelada Desgagnes	27-Jul-22	20:30	20:35	00:05	63.94166565	-93.63999939	63.94166565	-93.63999939	Stationary	12	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Desgagnes	Zelada Desgagnes	27-Jul-22	20:40	20:45	00:05	63.94166565	-93.64167023	63.94166565	-93.64167023	Stationary	12	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Desgagnes	Zelada Desgagnes	27-Jul-22	20:51	21:01	00:10	63.94166565	-93.63999939	63.94166565	-93.63999939	Stationary	12	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Desgagnes	Zelada Desgagnes	28-Jul-22	19:00	19:08	00:08	63.94166565	-93.64199829	63.94166565	-93.64167023	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Desgagnes	Zelada Desgagnes	28-Jul-22	19:18	19:23	00:05	63.94166565	-93.63999939	63.94166565	-93.63999939	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind

Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Desgagnes	Zelada Desgagnes	28-Jul-22	19:27	19:32	00:05	63.94166565	-93.63999939	63.94166565	-93.63999939	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Desgagnes	Zelada Desgagnes	28-Jul-22	19:39	19:44	00:05	63.94166565	-93.63999939	63.94166565	-93.63999939	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Desgagnes	Zelada Desgagnes	28-Jul-22	19:53	19:58	00:05	63.94166565	-93.63999939		-93.63999939	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Desgagnes	Zelada Desgagnes	28-Jul-22	20:05	20:10	00:05	63.94166565	-93.64167023	63.94166565	-93.64167023	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Desgagnes	Zelada Desgagnes	29-Jul-22	19:20	19:27	00:07	63.94166565	-93.64167023	63.94166565	-93.64167023	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.2	Strong Wind
Desgagnes	Zelada Desgagnes	29-Jul-22	19:31	19:36	00:05	63.94166565	-93.64167023	63.94166565	-93.64167023	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.2	Strong Wind
Desgagnes	Zelada Desgagnes	29-Jul-22	19:42	19:48	00:06	63.94166565	-93.64167023	63.94166565	-93.64167023	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.2	Strong Wind
Desgagnes	Zelada Desgagnes	29-Jul-22	20:01	20:06	00:05	63.94166565	-93.64167023	63.94166565	-93.64167023	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.2	Strong Wind
Desgagnes	Zelada Desgagnes	29-Jul-22	20:10	20:15	00:05	63.94166565	-93.64167023	63.94166565	-93.64167023	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.2	Strong Wind
Desgagnes	Zelada Desgagnes	29-Jul-22	20:18	20:24	00:06	63.94166565	-93.64167023	63.94166565	-93.64167023	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.2	Strong Wind
Desgagnes	Zelada Desgagnes	30-Jul-22	19:00	19:05	00:05	63.93999863	-93.63999939	63.93999863	-93.63999939	Stationary	10	Cloudy	None	Wavelets	0.9	Strong Wind
Desgagnes	Zelada Desgagnes	30-Jul-22	19:09	19:16	00:07	63.93999863	-93.63999939	63.93999863	-93.63999939	Stationary	10	Cloudy	None	Wavelets	0.9	Strong Wind
Desgagnes	Zelada Desgagnes	30-Jul-22	19:20	19:25	00:05	63.93999863	-93.63999939	63.93999863	-93.63999939	Stationary	10	Cloudy	None	Wavelets	0.9	Strong Wind
Desgagnes	Zelada Desgagnes	30-Jul-22	19:30	19:35	00:05	63.93999863	-93.63999939	63.93999863	-93.63999939	Stationary	10	Cloudy	None	Wavelets	0.9	Strong Wind
Desgagnes	Zelada Desgagnes	30-Jul-22	19:42	19:47	00:05	63.93999863	-93.63999939	63.93999863	-93.63999939	Stationary	10	Cloudy	None	Wavelets	0.9	Strong Wind
Desgagnes	Zelada Desgagnes	30-Jul-22	19:50	19:55	00:05	63.93999863	-93.63999939	63.93999863	-93.63999939	Stationary	10	Cloudy	None	Wavelets	0.9	Strong Wind
Desgagnes	Zelada Desgagnes	31-Jul-22	19:25	19:30	00:05	63.93999863	-93.63999939	63.93999863	-93.63999939	Stationary	12			Slight	0.5	Gale Force Wind
Desgagnes	Zelada Desgagnes	31-Jul-22	19:33	19:39	00:06	63.93999863	-93.63999939	63.93999863	-93.63999939	Stationary	12			Slight	0.5	Gale Force Wind
Desgagnes	Zelada Desgagnes	31-Jul-22	19:42	19:47	00:05	63.93999863	-93.63999939	63.93999863	-93.63999939	Stationary	12			Slight	0.5	Gale Force Wind
Desgagnes	Zelada Desgagnes	31-Jul-22	19:45	19:50	00:05	63.93999863	-93.63999939	63.93999863	-93.63999939	Stationary	12			Slight	0.5	Gale Force Wind
Desgagnes	Zelada Desgagnes	31-Jul-22	19:54	19:59	00:05		-93.63999939	63.93999863	-93.63999939	Stationary	12			Slight	0.5	Gale Force Wind
Desgagnes	Zelada Desgagnes	31-Jul-22	20:03	20:08	00:05	63.93999863	-93.63999939	63.93999863	-93.63999939	Stationary	12			Slight	0.5	Gale Force Wind
Desgagnes	Zelada Desgagnes	01-Aug-22	18:36	18:41	00:05	63.93999863	-93.63999939	63.93999863	-93.63999939	Stationary	10	Cloudy	None	Slight	0.2	Strong Wind
Desgagnes	Zelada Desgagnes	01-Aug-22	18:45	18:49	00:04	63.93999863	-93.63999939	63.93999863	-93.63999939	Stationary	10	Cloudy	None	Slight	0.2	Strong Wind
Desgagnes	Zelada Desgagnes	01-Aug-22	18:49	18:54	00:05	63.93999863	-93.63999939	63.93999863	-93.63999939	Stationary	10	Cloudy	None	Slight	0.2	Strong Wind
Desgagnes	Zelada Desgagnes	01-Aug-22	18:54	18:59	00:05	63.93999863	-93.63999939	63.93999863	-93.63999939	Stationary	10	Cloudy	None	Slight	0.2	Strong Wind
Desgagnes	Zelada Desgagnes	01-Aug-22	19:01	19:05	00:04	63.93999863	-93.63999939	63.93999863	-93.63999939	Stationary	10	Cloudy	None	Slight	0.2	Strong Wind
Desgagnes	Zelada Desgagnes	01-Aug-22	19:07	19:11	00:04	63.93999863	-93.63999939	63.93999863	-93.63999939	Stationary	10	Cloudy	None	Slight	0.2	Strong Wind
Desgagnes	Zelada Desgagnes	01-Aug-22	19:12	19:16	00:04	63.68333435	-87.48000336	62.67499924	-87.44166565	Moving	10	Cloudy	None	Wavelets	0.2	Strong Wind
Desgagnes	Zelada Desgagnes	01-Aug-22	19:18	19:22	00:04	62.67499924	-87.4383316	62.66833496	-87.41166687	Moving	10	Cloudy	None	Wavelets	0.2	Strong Wind
Desgagnes	Zelada Desgagnes	01-Aug-22	19:24	19:29	00:05	62.66666794	-87.40499878	62.66333389	-87.38500214	Moving	10	Cloudy	None	Wavelets	0.2	Strong Wind
Desgagnes	Zelada Desgagnes	01-Aug-22	19:31	19:36	00:05	62.66166687	-87.37833405	62.6566658	-87.35166931	Moving	10	Cloudy	None	Wavelets	0.2	Strong Wind
Desgagnes	Zelada Desgagnes	01-Aug-22	19:38	19:43	00:05	62.65499878	-87.34500122	62.64666748	-87.30999756	Moving	10	Cloudy	None	Wavelets	0.2	Strong Wind
Desgagnes	Zelada Desgagnes	01-Aug-22	19:45	19:50	00:05	62.64333344	-87.29166412	62.63833237	-87.27166748	Moving	10	Cloudy	None	Wavelets	0.2	Strong Wind
Desgagnes	Zelada Desgagnes	03-Aug-22	10:20	10:25	00:05	62.62333298	-80.25666809	62.63333511	-80.20999908	Moving	8	Cloudy	Slight/ Grey	Slight	1	Strong Wind
Desgagnes	Zelada Desgagnes	03-Aug-22	10:26	10:31	00:05	62.63499832	-80.20333099	62.64500046	-80.15666962	Moving	8	Cloudy	Slight/ Grey	Slight	1	Strong Wind
Desgagnes	Zelada Desgagnes	03-Aug-22	10:32	10:37	00:05	62.64666748	-80.15166473	62.6566658	-80.11833191	Moving	8	Cloudy	Slight/ Grey	Slight	1	Strong Wind
Desgagnes	Zelada Desgagnes	03-Aug-22	10:42	10:47	00:05	62.66500092	-80.06999969	62.67499924	-80.02333069	Moving	8	Cloudy	Slight/ Grey	Slight	1	Strong Wind
Desgagnes	Zelada Desgagnes	03-Aug-22	10:49	10:54	00:05	62.67666626	-80.01833344	62.68166733	-79.97833252	Moving	8	Cloudy	Slight/ Grey	Slight	1	Strong Wind
Desgagnes	Zelada Desgagnes	03-Aug-22	10:55	11:00	00:05	62.68249893	-79.96499634	62.6866684	-79.92500305	Moving	8	Cloudy	Slight/ Grey	Slight	1	Strong Wind
Desgagnes	Zelada Desgagnes	04-Aug-22	20:50	20:55	00:05	60.49333191	-64.47833252	60.48833466	-64.44000244	Moving	15	Clear or Partly Cloudy		Slight	1	Strong Wind
Desgagnes	Zelada Desgagnes	04-Aug-22	20:56	21:01	00:05	60.48666763	-64.4366684	60.48166656	-64.39167023	Moving	15	Clear or Partly Cloudy		Slight	1	Strong Wind
Desgagnes	Zelada Desgagnes	04-Aug-22	21:02	21:07	00:05	60.48166656	-64.38999939	60.47833252	-64.35500336	Moving	15	Clear or Partly Cloudy		Slight	1	Strong Wind
Desgagnes	Zelada Desgagnes	04-Aug-22	21:08	21:13	00:05	60.4766655	-64.35166931	60.47333145	-64.32333374	Moving	15	Clear or Partly Cloudy		Slight	1	Strong Wind
Desgagnes	Zelada Desgagnes	04-Aug-22	21:16	21:21	00:05	60.46666718	-64.27500153	60.46333313	-64.24500275	Moving	15	Clear or Partly Cloudy		Slight	1	Strong Wind
Desgagnes	Zelada Desgagnes	04-Aug-22	21:22	21:27	00:05	60.46333313	-64.23500061	60.45999908	-64.20999908	Moving	15	Clear or Partly Cloudy		Slight	1	Strong Wind
Desgagnes	Claude A Desgagnes	11-Sep-22	12:00	12:05	00:05	60.09999847	-63.63333511			Moving	20	Clear or Partly Cloudy	None	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	11-Sep-22	12:05	12:10	00:05	60.09999847	-63.65000153	60.11666489	-63.66666794	Moving	20	Clear or Partly Cloudy	None	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	11-Sep-22	12:10	12:15	00:05	60.11666489	-63.66666794	60.13333511	-63.70000076	Moving	20	Clear or Partly Cloudy	None	Slight	1.5	Light Wind

Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Desgagnes	Claude A Desgagnes	11-Sep-22	12:15	12:20	00:05	60.13333511	-63.70000076	60.15000153	-63.71666718	Moving	20	Clear or Partly Cloudy	None	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	11-Sep-22	12:20	12:25	00:05	60.15000153	-63.71666718	60.15000153	-63.73333359	Moving	20	Clear or Partly Cloudy	None	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	11-Sep-22	12:25	12:30	00:05	60.15000153	-63.73333359	60.16666794	-63.75	Moving	20	Clear or Partly Cloudy	None	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	11-Sep-22	15:30	15:35	00:05	60.5	-64.44999695	60.51666641	-64.46666718	Moving	20	Clear or Partly Cloudy	None	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	11-Sep-22	15:35	15:35	00:00	60.51666641	-64.48332977	60.53333282	-64.48332977	Moving	20	Clear or Partly Cloudy	None	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	11-Sep-22	15:35	15:40	00:05	60.53333282	-64.48332977	60.53333282	-64.5	Moving	20	Clear or Partly Cloudy	None	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	11-Sep-22	15:40	15:45	00:05	60.53333282	-64.5	60.54999924	-64.51667023	Moving	20	Clear or Partly Cloudy	None	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	11-Sep-22	15:45	15:50	00:05	60.54999924	-64.51667023	60.56666565	-64.53333282	Moving	20	Clear or Partly Cloudy	None	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	11-Sep-22	18:00	18:05	00:05	60.66666794	-65.56666565	60.68333435	-65.58333588	Moving	20	Clear or Partly Cloudy	None	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	11-Sep-22	18:05	18:10	00:05	60.66666794	-65.56666565	60.66666794	-65.58333588	Moving	20	Clear or Partly Cloudy	None	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	11-Sep-22	18:10	18:15	00:05	60.66666794	-65.58333588	60.66666794	-65.59999847	Moving	20	Clear or Partly Cloudy	None	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	11-Sep-22	18:15	18:20	00:05	60.66666794	-65.59999847	60.68333435	-65.59999847	Moving	20	Clear or Partly Cloudy	None	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	11-Sep-22	18:20	18:25	00:05	60.68333435	-65.59999847	60.70000076	-65.6166687	Moving	20	Clear or Partly Cloudy	None	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	11-Sep-22	18:25	18:30	00:05	60.70000076	-65.6166687	60.70000076	-65.6333313	Moving	20	Clear or Partly Cloudy	None	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	12-Sep-22	12:00	12:05	00:05	62.46666718	-73.15000153	62.46666718	-73.16666412	Moving		Clear or Partly Cloudy	Slight/ Grey	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	12-Sep-22	12:05	12:10	00:05	62.46666718	-73.16666412	62.46666718	-73.18333435	Moving		Clear or Partly Cloudy	Slight/ Grey	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	12-Sep-22	12:10	12:15	00:05	62.46666718	-73.18333435	62.48333359	-73.23332977	Moving		Clear or Partly Cloudy	Slight/ Grey	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	12-Sep-22	12:15	12:20	00:05	62.48333359	-73.23332977	62.5	-73.26667023	Moving		Clear or Partly Cloudy	Slight/ Grey	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	12-Sep-22	12:20	12:25	00:05	62.5	-73.26667023	62.5	-73.31666565	Moving		Clear or Partly Cloudy	Slight/ Grey	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	12-Sep-22	12:25	12:30	00:05	62.5	-73.31666565	62.51666641	-73.33333588	Moving		Clear or Partly Cloudy	Slight/ Grey	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	12-Sep-22	15:30	15:35	00:05	62.53333282	-74.1333313	62.53333282	-74.16666412	Moving	20		Slight/ Grey	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	12-Sep-22	15:35	15:40	00:05	62.53333282	-74.44999695	62.53333282	-74.48332977	Moving	20		Slight/ Grey	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	12-Sep-22	15:40	15:45	00:05	62.53333282	-74.48332977	62.53333282	-79.51667023	Moving	20		Slight/ Grey	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	12-Sep-22	15:45	15:50	00:05	62.53333282	-74.51667023	62.54999924	-74.56666565	Moving	20		Slight/ Grey	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	12-Sep-22	15:50	15:55	00:05	62.54999924	-74.56666565	62.54999924	-74.6166687	Moving	20		Slight/ Grey	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	12-Sep-22	15:55	16:00	00:05	62.54999924	-79.6166687	62.51666641	-74.65000153	Moving	20		Slight/ Grey	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	12-Sep-22	18:00	18:05	00:05	62.68333435	-76.48332977	62.68333435	-76.48332977	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	12-Sep-22	18:25	18:30	00:05	62.68333435	-76.53333282	62.70000076	-76.59999847	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Slight	1.5	Light Wind
Desgagnes	Claude A Desgagnes	13-Sep-22	12:00	12:05	00:05	62.04999924	-83.94999695	62.04999924	-83.98332977	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Moderate	3	Light Wind
Desgagnes	Claude A Desgagnes	13-Sep-22	12:05	12:10	00:05	62.04999924	-83.98332977	62.06666565	-84.05000305	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Moderate	3	Light Wind
Desgagnes	Claude A Desgagnes	13-Sep-22	12:10	12:15	00:05	62.06666565	-84.05000305	62.06666565	-84.09999847	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Moderate	3	Light Wind
Desgagnes	Claude A Desgagnes	13-Sep-22	12:15	12:20	00:05	62.06666565	-84.09999847	62.06666565	-84.1333313	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Moderate	3	Light Wind
Desgagnes	Claude A Desgagnes	13-Sep-22	12:20	12:25	00:05	62.06666565	-84.1333313	62.08333206	-84.16666412	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Moderate	3	Light Wind
Desgagnes	Claude A Desgagnes	13-Sep-22	12:25	12:30	00:05	62.08333206	-84.16666412	62.08333206	-84.21666718	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Moderate	3	Light Wind
Desgagnes	Claude A Desgagnes	13-Sep-22	18:00	18:05	00:05	62.25166702	-86.83333588	62.25166702	-86.8833313	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Moderate	3	Light Wind
Desgagnes	Claude A Desgagnes	13-Sep-22	18:05	18:10	00:05	62.25166702	-86.8833313	62.25	-86.93333435	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Moderate	3	Light Wind
Desgagnes	Claude A Desgagnes	13-Sep-22	18:10	18:15	00:05	62.25	-86.93333435	62.26666641	-86.98332977	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Moderate	3	Light Wind
Desgagnes	Claude A Desgagnes	13-Sep-22	18:15	18:20	00:05	62.26666641	-86.98332977	62.26666641	-87.03333282	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Moderate	3	Light Wind
Desgagnes	Claude A Desgagnes	13-Sep-22	18:20	18:25	00:05	62.26666641	-87.03333282	62.26666641	-87.08333588	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Moderate	3	Light Wind
Desgagnes	Claude A Desgagnes	13-Sep-22	18:25	18:30	00:05	62.26666641	-87.08333588	62.28333282	-87.1166687	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Moderate	3	Light Wind
Desgagnes	Claude A Desgagnes	14-Sep-22	18:00	18:05	00:05	62.75	-91.98332977	62.73333359	-92	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Claude A Desgagnes	14-Sep-22	18:05	18:10	00:05	62.73333359	-92	62.73333359	-91.94999695	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Claude A Desgagnes	14-Sep-22	18:10	18:15	00:05	62.73333359	-91.94999695	62.73333359	-91.91666412	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Claude A Desgagnes	14-Sep-22	18:15	18:20	00:05	62.73333359	-91.91666412	62.73333359	-91.8833313	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Claude A Desgagnes	14-Sep-22	18:20	18:25	00:05	62.73333359	-91.8833313	62.73333359	-91.8666687	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Claude A Desgagnes	14-Sep-22	18:25	18:30	00:05	62.73333359	-91.8666687	62.73333359	-91.81666565	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Claude A Desgagnes	15-Sep-22	18:00	18:05	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Strong Wind
Desgagnes	Claude A Desgagnes	15-Sep-22	18:05	18:10	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Strong Wind
Desgagnes	Claude A Desgagnes	15-Sep-22	18:10	18:15	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Strong Wind



Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Desgagnes	Claude A Desgagnes	15-Sep-22	18:15	18:20	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Strong Wind
Desgagnes	Claude A Desgagnes	15-Sep-22	18:20	18:25	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Strong Wind
Desgagnes	Claude A Desgagnes	15-Sep-22	18:25	18:30	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Strong Wind
Desgagnes	Claude A Desgagnes	16-Sep-22	18:00	18:05	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Clear or Partly Cloudy		Wavelets	1	Strong Wind
Desgagnes	Claude A Desgagnes	16-Sep-22	18:05	18:10	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Clear or Partly Cloudy		Wavelets	1	Strong Wind
Desgagnes	Claude A Desgagnes	16-Sep-22	18:10	18:15	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Clear or Partly Cloudy		Wavelets	1	Strong Wind
Desgagnes	Claude A Desgagnes	16-Sep-22	18:15	18:20	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Clear or Partly Cloudy		Wavelets	1	Strong Wind
Desgagnes	Claude A Desgagnes	16-Sep-22	18:20	18:25	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Clear or Partly Cloudy		Wavelets	1	Strong Wind
Desgagnes	Claude A Desgagnes	16-Sep-22	18:25	18:30	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Clear or Partly Cloudy		Wavelets	1	Strong Wind
Desgagnes	Claude A Desgagnes	17-Sep-22	18:00	18:05	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Strong Wind
Desgagnes	Claude A Desgagnes	17-Sep-22	18:05	18:10	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Strong Wind
Desgagnes	Claude A Desgagnes	17-Sep-22	18:10	18:15	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Strong Wind
Desgagnes	Claude A Desgagnes	17-Sep-22	18:15	18:20	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Strong Wind
Desgagnes	Claude A Desgagnes	17-Sep-22	18:20	18:25	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Strong Wind
Desgagnes	Claude A Desgagnes	17-Sep-22	18:25	18:30	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Strong Wind
Desgagnes	Claude A Desgagnes	18-Sep-22	18:00	18:05	00:05	63.95000076	-93.65000153	63.95000076	-93.65000153	Stationary	20	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Light Wind
Desgagnes	Claude A Desgagnes	18-Sep-22	18:05	18:10	00:05	63.95000076	-93.65000153	63.95000076	-93.65000153	Stationary	20	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Light Wind
Desgagnes	Claude A Desgagnes	18-Sep-22	18:10	18:15	00:05	63.95000076	-93.65000153	63.95000076	-93.65000153	Stationary	20	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Light Wind
Desgagnes	Claude A Desgagnes	18-Sep-22	18:15	18:20	00:05	63.95000076	-93.65000153	63.95000076	-93.65000153	Stationary	20	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Light Wind
Desgagnes	Claude A Desgagnes	18-Sep-22	18:20	18:25	00:05	63.95000076	-93.65000153	63.95000076	-93.65000153	Stationary	20	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Light Wind
Desgagnes	Claude A Desgagnes	18-Sep-22	18:25	18:30	00:05	63.95000076	-93.65000153	63.95000076	-93.65000153	Stationary	20	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Light Wind
Desgagnes	Claude A Desgagnes	19-Sep-22	18:00	18:05	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Cloudy		Rippled	1	Light Wind
Desgagnes	Claude A Desgagnes	19-Sep-22	18:05	18:10	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Cloudy		Rippled	1	Light Wind
Desgagnes	Claude A Desgagnes	19-Sep-22	18:10	18:15	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Cloudy		Rippled	1	Light Wind
Desgagnes	Claude A Desgagnes	19-Sep-22	18:15	18:20	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Cloudy		Rippled	1	Light Wind
Desgagnes	Claude A Desgagnes	19-Sep-22	18:20	18:25	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Cloudy		Rippled	1	Light Wind
Desgagnes	Claude A Desgagnes	19-Sep-22	18:25	18:30	00:05	63.95000076	-93.6333313	63.95000076	-93.6333313	Stationary	20	Cloudy		Rippled	1	Light Wind
Desgagnes	Claude A Desgagnes	22-Sep-22	13:18			61.86666489	-71.15000153			Moving	20					Light Wind
Desgagnes	Claude A Desgagnes	22-Sep-22	14:46			61.66666794	-70.5333282			Moving						Light Wind
Desgagnes	Sedna Desgagnes	01-Sep-22	16:30	16:35	00:05	59.13750076	-68.69966888	59.15333176	-63.6855011	Moving	16	Clear or Partly Cloudy	None	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	01-Sep-22	16:35	16:40	00:05	59.15333176	-68.6855011	59.17316818	-68.66799927	Moving	16	Clear or Partly Cloudy	None	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	01-Sep-22	16:40	16:45	00:05	59.17316818	-68.66799927	59.19150162	-68.66916656	Moving	16	Clear or Partly Cloudy	None	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	01-Sep-22	16:45	16:50	00:05	59.19150162	-68.66916656	59.21266556	-68.67383575	Moving	16	Clear or Partly Cloudy	None	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	01-Sep-22	16:50	16:55	00:05	59.21266556	-68.67383575	59.23433304	-68.67783356	Moving	16	Clear or Partly Cloudy	None	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	01-Sep-22	16:55	17:00	00:05	59.23433304	-68.67783356	59.2480011	-68.67983246	Moving	16	Clear or Partly Cloudy	None	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	02-Sep-22	09:00	09:05	00:05	61.91466522	-71.55249786	61.92250061	-71.57583618	Moving	16	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Calm
Desgagnes	Sedna Desgagnes	02-Sep-22	09:05	09:10	00:05	61.92250061	-71.57583618	61.93249893	-71.60516357	Moving	16	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Calm
Desgagnes	Sedna Desgagnes	02-Sep-22	09:10	09:15	00:05	61.93249893	-71.60516357	61.94216537	-71.632164	Moving	16	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Calm
Desgagnes	Sedna Desgagnes	02-Sep-22	09:15	09:20	00:05	61.94216537	-71.632164	61.95216751	-71.66083527	Moving	16	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Calm
Desgagnes	Sedna Desgagnes	02-Sep-22	09:20	09:25	00:05	61.95216751	-71.66083527	61.96183395	-71.68916321	Moving	16	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Calm
Desgagnes	Sedna Desgagnes	02-Sep-22	09:25	09:30	00:05	61.96183395	-71.68916321	61.9715004	-71.71633148	Moving	16	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Calm
Desgagnes	Sedna Desgagnes	02-Sep-22	16:30	16:35	00:05	62.54899979	-74.46749878	62.55016708	-74.50333405	Moving	16	Cloudy	Slight/ Grey	Moderate	2	Strong Wind
Desgagnes	Sedna Desgagnes	02-Sep-22	16:35	16:40	00:05	62.55016708	-74.50333405	62.55133438	-74.54599762	Moving	16	Cloudy	Slight/ Grey	Moderate	2	Strong Wind
Desgagnes	Sedna Desgagnes	02-Sep-22	16:40	16:45	00:05	62.55133438	-74.54599762	62.55250168	-74.58883667	Moving	16	Cloudy	Slight/ Grey	Moderate	2	Strong Wind
Desgagnes	Sedna Desgagnes	02-Sep-22	16:45	16:50	00:05	62.55250168	-74.58883667	62.55333328	-74.62783051	Moving	16	Cloudy	Slight/ Grey	Moderate	2	Strong Wind
Desgagnes	Sedna Desgagnes	02-Sep-22	16:50	16:55	00:05	62.55333328	-74.62783051	62.55483246	-74.66866302	Moving	16	Cloudy	Slight/ Grey	Moderate	2	Strong Wind
Desgagnes	Sedna Desgagnes	02-Sep-22	16:55	17:00	00:05	62.55483246	-74.66866302	62.5561676	-74.70783234	Moving	16	Cloudy	Slight/ Grey	Moderate	2	Strong Wind
Desgagnes	Sedna Desgagnes	03-Sep-22	09:00	09:05	00:05	62.19883347	-81.77532959	62.19333267	-81.81349945	Moving	16	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	03-Sep-22	09:05	09:10	00:05	62.19333267	-81.81349945	62.18799973	-81.85099792	Moving	16	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Light Wind

Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Desgagnes	Sedna Desgagnes	03-Sep-22	09:10	09:15	00:05	62.18799973	-81.85099792	62.18266678	-81.88999939	Moving	16	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	03-Sep-22	09:15	09:20	00:05	62.18266678	-81.88999939	62.17766571	-81.92583466	Moving	16	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	03-Sep-22	09:20	09:25	00:05	62.17766571	-81.92583466	62.17216492	-81.96600342	Moving	16	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	03-Sep-22	09:25	09:30	00:05	62.17216492	-81.96600342	62.1673317	-82.00233459	Moving	16	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	03-Sep-22	16:30	16:35	00:05	62.14016724	-84.98266602	62.14300156	-85.01899719	Moving	16	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Strong Wind
Desgagnes	Sedna Desgagnes	03-Sep-22	16:35	16:40	00:05	62.14300156	-85.01899719	62.14566803	-85.05400085	Moving	16	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Strong Wind
Desgagnes	Sedna Desgagnes	03-Sep-22	16:40	16:45	00:05	62.14566803	-85.05400085	62.14849854	-85.08983612	Moving	16	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Strong Wind
Desgagnes	Sedna Desgagnes	03-Sep-22	16:45	16:50	00:05	62.14849854	-85.08983612	62.15100098	-85.11883545	Moving	16	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Strong Wind
Desgagnes	Sedna Desgagnes	03-Sep-22	16:50	16:55	00:05	62.15100098	-85.11883545	62.15449905	-85.15682983	Moving	16	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Strong Wind
Desgagnes	Sedna Desgagnes	03-Sep-22	16:55	17:00	00:05	62.15449905	-85.15682983	62.15766525	-85.1969986	Moving	16	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Strong Wind
Desgagnes	Sedna Desgagnes	06-Sep-22	18:30	18:35	00:05	63.36116791	-89.26533508	63.3738327	-89.23833466	Moving	13	Cloudy	None	Rough	2	Strong Wind
Desgagnes	Sedna Desgagnes	06-Sep-22	18:35	18:40	00:05	63.3738327	-89.23833466	63.38499832	-89.21350098	Moving	13	Cloudy	None	Rough	2	Strong Wind
Desgagnes	Sedna Desgagnes	06-Sep-22	18:40	18:45	00:05	63.38499832	-89.21350098	63.39649963	-89.18683624	Moving	13	Cloudy	None	Rough	2	Strong Wind
Desgagnes	Sedna Desgagnes	06-Sep-22	18:45	18:50	00:05	63.39649963	-89.18683624	63.40833282	-89.16116333	Moving	13	Cloudy	None	Rough	2	Strong Wind
Desgagnes	Sedna Desgagnes	06-Sep-22	18:50	18:55	00:05	63.40833282	-89.16116333	63.42050171	-89.13366699	Moving	13	Cloudy	None	Rough	2	Strong Wind
Desgagnes	Sedna Desgagnes	06-Sep-22	18:55	19:00	00:05	63.42050171	-89.13366699	63.43249893	-89.10733032	Moving	13	Cloudy	None	Rough	2	Strong Wind
Desgagnes	Sedna Desgagnes	07-Sep-22	09:00	09:05	00:05	66.01383209	-85.81483459	66.03116608	-85.79599762	Moving	16	Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	07-Sep-22	09:05	09:10	00:05	66.03116608	-85.79599762	66.0446701	-85.78067017	Moving	16	Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	07-Sep-22	09:10	09:15	00:05	66.0446701	-85.78067017	66.05950165	-85.76316833	Moving	16	Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	07-Sep-22	09:15	09:20	00:05	66.05950165	-85.76316833	66.07316589	-85.74700165	Moving	16	Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	07-Sep-22	09:20	09:25	00:05	66.07316589	-85.74700165	66.08750153	-85.72966766	Moving	16	Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	07-Sep-22	09:25	09:30	00:05	66.08750153	-85.72966766	66.10166931	-85.71282959	Moving	16	Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	15-Sep-22	16:30	16:35	00:05	67.73283386	-80.99133301	67.71416473	-80.99099731	Moving	16	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes	Sedna Desgagnes	15-Sep-22	16:35	16:40	00:05	67.71416473	-80.99099731	67.69533539	-80.99016571	Moving	16	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes	Sedna Desgagnes	15-Sep-22	16:40	16:45	00:05	67.69533539	-80.99016571	67.67566681	-80.99116516	Moving	16	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes	Sedna Desgagnes	15-Sep-22	16:45	16:50	00:05	67.67566681	-80.99116516	67.65699768	-80.99133301	Moving	16	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes	Sedna Desgagnes	15-Sep-22	16:50	16:55	00:05	67.65699768	-80.99133301	67.63916779	-80.99116516	Moving	16	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes	Sedna Desgagnes	15-Sep-22	16:55	17:00	00:05	67.63916779	-80.99116516	67.6206665	-80.99199677	Moving	16	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes	Sedna Desgagnes	16-Sep-22	12:15	12:20	00:05	65.87400055	-85.9553299	65.86133575	-85.96833038	Moving	16	Cloudy	Slight/ Grey	Moderate	1.5	Strong Wind
Desgagnes	Sedna Desgagnes	16-Sep-22	12:20	12:25	00:05	65.86133575	-85.96833038	65.84916687	-85.98300171	Moving	16	Cloudy	Slight/ Grey	Moderate	1.5	Strong Wind
Desgagnes	Sedna Desgagnes	16-Sep-22	12:25	12:30	00:05	65.84916687	-85.98300171	65.83766937	-85.9991684	Moving	16	Cloudy	Slight/ Grey	Moderate	1.5	Strong Wind
Desgagnes	Sedna Desgagnes	16-Sep-22	12:30	12:35	00:05	65.83766937	-85.9991684	65.82583618	-86.01383209	Moving	16	Cloudy	Slight/ Grey	Moderate	1.5	Strong Wind
Desgagnes	Sedna Desgagnes	16-Sep-22	12:35	12:40	00:05	65.82583618	-86.01383209	65.81316376	-86.03050232	Moving	16	Cloudy	Slight/ Grey	Moderate	1.5	Strong Wind
Desgagnes	Sedna Desgagnes	16-Sep-22	12:40	12:45	00:05	65.81316376	-86.03050232	65.79816437	-86.05083466	Moving	16	Cloudy	Slight/ Grey	Moderate	1.5	Strong Wind
Desgagnes	Sedna Desgagnes	16-Sep-22	16:30	16:35	00:05	65.0728302	-86.59883118	65.05566406	-86.60916901	Moving	16	Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	16-Sep-22	16:35	16:40	00:05	65.05566406	-86.60916901	65.03616333	-86.6210022	Moving	16	Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	16-Sep-22	16:40	16:45	00:05	65.03616333	-86.6210022	65.03099823	-86.63349915	Moving	16	Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	16-Sep-22	16:45	16:50	00:05	65.03099823	-86.63349915	64.99966431	-86.65083313	Moving	16	Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	16-Sep-22	16:50	16:55	00:05	64.99966431	-86.65083313	64.98233032	-86.66799927	Moving	16	Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	16-Sep-22	16:55	17:00	00:05	64.98233032	-86.66799927	64.96399689	-86.68616486	Moving	16	Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Sedna Desgagnes	17-Sep-22	07:45	07:50	00:05	62.68899918	-91.55449677	62.69433212	-91.59200287	Moving	16	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes	Sedna Desgagnes	17-Sep-22	07:50	07:55	00:05	62.69433212	-91.59200287	62.70000076	-91.62916565	Moving	16	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes	Sedna Desgagnes	17-Sep-22	07:55	08:00	00:05	62.70000076	-91.62916565	62.70633316	-91.67066956	Moving	16	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes	Sedna Desgagnes	17-Sep-22	08:00	08:05	00:05	62.70633316	-91.67066956	62.71216583	-91.71183014	Moving	16	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes	Sedna Desgagnes	17-Sep-22	08:05	08:10	00:05	62.71216583	-91.71183014	62.71783447	-91.75099945	Moving	16	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes	Sedna Desgagnes	17-Sep-22	08:10	08:15	00:05	62.71783447	-91.75099945	62.72399902	-91.79350281	Moving	16	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes	Sedna Desgagnes	19-Sep-22	12:20	12:25	00:05	61.60283279	-85.97550201	61.59516525	-85.9363327	Moving	15	Cloudy	None	Rough	2	Light Wind
Desgagnes	Sedna Desgagnes	19-Sep-22	12:25	12:30	00:05	61.59516525	-85.9363327	61.58966827	-85.90883636	Moving	15	Cloudy	None	Rough	2	Light Wind
Desgagnes	Sedna Desgagnes	19-Sep-22	12:30	12:35	00:05	61.58966827	-85.90883636	61.58283234	-85.87449646	Moving	15	Cloudy	None	Rough	2	Light Wind

Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Desgagnes	Sedna Desgagnes	19-Sep-22	12:35	12:40	00:05	61.58283234	-85.87449646	61.57649994	-85.84400177	Moving	15	Cloudy	None	Rough	2	Light Wind
Desgagnes	Sedna Desgagnes	19-Sep-22	12:40	12:45	00:05	61.57649994	-85.84400177	61.56933212	-85.80916595	Moving	15	Cloudy	None	Rough	2	Light Wind
Desgagnes	Sedna Desgagnes	19-Sep-22	12:45	12:50	00:05	61.56933212	-85.80916595	61.56216812	-85.77383423	Moving	15	Cloudy	None	Rough	2	Light Wind
Desgagnes	Sedna Desgagnes	19-Sep-22	16:30	16:35	00:05	61.2543335	-84.28266907	61.24616623	-84.2468338	Moving	15	Cloudy	None	Rough	2	Light Wind
Desgagnes	Sedna Desgagnes	19-Sep-22	16:35	16:40	00:05	61.24616623	-84.2468338	61.23899841	-84.21250153	Moving	15	Cloudy	None	Rough	2	Light Wind
Desgagnes	Sedna Desgagnes	19-Sep-22	16:40	16:45	00:05	61.23899841	-84.21250153	61.23216629	-84.17966461	Moving	15	Cloudy	None	Rough	2	Light Wind
Desgagnes	Sedna Desgagnes	19-Sep-22	16:45	16:50	00:05	61.23216629	-84.17966461	61.22433472	-84.14516449	Moving	15	Cloudy	None	Rough	2	Light Wind
Desgagnes	Sedna Desgagnes	19-Sep-22	16:50	16:55	00:05	61.22433472	-84.14516449	61.2171669	-84.11166382	Moving	15	Cloudy	None	Rough	2	Light Wind
Desgagnes	Sedna Desgagnes	19-Sep-22	16:55	17:00	00:05	61.2171669	-84.11166382	61.21016693	-84.07766724	Moving	15	Cloudy	None	Rough	2	Light Wind
	Atlantic Beech	21-Sep-22	07:10			63.99333191	-94.15833282			Moving	15					Calm
	Atlantic Beech	27-Aug-22	17:10			63.94499969	-93.64833069			Stationary	12					Light Wind
	Atlantic Beech	22-Aug-22	16:40			63.94166565	-93.61833191			Stationary	12					Light Wind
	Atlantic Beech	20-Aug-22	05:40			63.99166489	-94.29166412			Moving	12					Light Wind
	Atlantic Beech	19-Aug-22	17:15			64.3033371	-95.95333099			Stationary	12					Light Wind
	Atlantic Beech	16-Aug-22	07:30			63.99499893	-94.23332977			Moving	12					Light Wind
	Atlantic Beech	08-Aug-22	08:00			64.3033371	-95.95333099			Stationary	12					Calm
	Atlantic Beech	24-Oct-22	12:30			60.25833511	-63.8983345			Moving	10					Light Wind
	Atlantic Beech	24-Oct-22	09:10			60.54166794	-64.79166412			Moving	15					Strong Wind
	Atlantic Beech	23-Oct-22	12:30			61.05833435	-68.60832977			Moving	10					Light Wind
	Atlantic Beech	22-Oct-22	17:30			62.49000168	-73.33833313			Moving	4					Light Wind
	Atlantic Beech	22-Oct-22	09:45			62.68333435	-75.98332977			Moving	10					Calm
	Atlantic Beech	21-Oct-22	12:55			62.22000122	-81.94333649			Moving	2					Light Wind
	Atlantic Beech	20-Oct-22	13:24			62.31000137	-87.65333557			Moving	7					Light Wind
	Atlantic Beech	20-Oct-22	09:15			62.36000061	-88.25666809			Moving	20					Light Wind
	Atlantic Beech	17-Oct-22	07:30			63.54999924	-91.01667023			Moving	20					Light Wind
	Atlantic Beech	16-Oct-22	10:35			64.24833679	-95.66833496			Moving	15					Light Wind
Atlantic Towing	Atlantic Elm	16-Oct-22	12:30	14:42	02:12	63.01666641	-79.25	62.94166565	-78.67500305	Moving	6	Cloudy	Slight/ Grey	Slight	1.5	Strong Wind
Atlantic Towing	Atlantic Elm	15-Oct-22	11:45	12:45	01:00	62.87716675	-86.65000153	62.84283447	-86.34850311	Moving	5	Cloudy	None	Moderate	1.5	Light Wind
Atlantic Towing	Atlantic Elm	17-Oct-22	15:10			62.08000183	-71.28749847			Moving	12					Light Wind
DTI	Miena Desgagnes	03-Aug-22	08:00	08:05	00:05	60.70666504	-64.3216629	60.72333145	-64.36000061	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Rough	1.2	Strong Wind
DTI	Miena Desgagnes	03-Aug-22	08:06	08:11	00:05	60.72499847	-64.36333466	60.73666763	-64.38666534	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Rough	1.2	Strong Wind
DTI	Miena Desgagnes	03-Aug-22	08:12	08:17	00:05	60.74000168	-64.39666748	60.75500107	-64.42500305	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Rough	1.2	Strong Wind
DTI	Miena Desgagnes	03-Aug-22	08:18	08:23	00:05	60.75833511	-64.43333435	60.76333237	-64.44999695	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Rough	1.2	Strong Wind
DTI	Miena Desgagnes	03-Aug-22	08:23	08:28	00:05	60.76499939	-64.45166779	60.77333345	-64.48166656	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Rough	1.2	Strong Wind
DTI	Miena Desgagnes	03-Aug-22	08:29	08:34	00:05	60.77500153	-64.48500061	60.78666687	-64.53166962	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Rough	1.2	Strong Wind
DTI	Miena Desgagnes	04-Aug-22	08:03	08:08	00:05	62.52833176	-74.49333191	62.5316658	-74.52833557	Moving	1	Fog	None	Rough	1.5	Strong Wind
DTI	Miena Desgagnes	04-Aug-22	08:09	08:14	00:05	62.5316658	-74.53166962	62.53333282	-74.57666779	Moving	1	Fog	None	Rough	1.5	Strong Wind
DTI	Miena Desgagnes	04-Aug-22	08:17	08:22	00:05	62.53499985	-74.59500122	62.53666687	-74.6333313	Moving	1	Fog	None	Rough	1.5	Strong Wind
DTI	Miena Desgagnes	04-Aug-22	08:23	08:28	00:05	62.53666687	-74.63500214	62.54000092	-74.67666626	Moving	1	Fog	None	Rough	1.5	Strong Wind
DTI	Miena Desgagnes	04-Aug-22	08:29	08:34	00:05	62.54000092	-74.6783371	62.54166794	-74.71333313	Moving	1	Fog	None	Rough	1.5	Strong Wind
DTI	Miena Desgagnes	04-Aug-22	08:35	08:40	00:05	62.54166794	-74.71833038	62.54333496	-74.77166748	Moving	1	Fog	None	Rough	1.5	Strong Wind
DTI	Miena Desgagnes	05-Aug-22	08:43	08:48	00:05	62.01333237	-83.99500275	62.0233345	-83.97000122	Moving	10	Clear or Partly Cloudy	None	Moderate	0.4	Calm
DTI	Miena Desgagnes	05-Aug-22	08:49	08:54	00:05	62.02500153	-83.97333527	62.0316658	-84.01333618	Moving	10	Clear or Partly Cloudy	None	Moderate	0.4	Calm
DTI	Miena Desgagnes	05-Aug-22	08:55	09:00	00:05	62.03333282	-84.01999664	62.04000092	-84.05166626	Moving	10	Clear or Partly Cloudy	None	Moderate	0.4	Calm
DTI	Miena Desgagnes	05-Aug-22	09:00	09:05	00:05	62.04166794	-84.0533371	62.04999924	-84.09333038	Moving	10	Clear or Partly Cloudy	None	Moderate	0.4	Calm
DTI	Miena Desgagnes	05-Aug-22	09:05	09:10	00:05	62.05166626	-84.09500122	62.05833435	-84.1333313	Moving	10	Clear or Partly Cloudy	None	Moderate	0.4	Calm
DTI	Miena Desgagnes	05-Aug-22	09:11	09:16	00:05	62.06000137	-84.13999939	62.06999969	-84.1866684	Moving	10	Clear or Partly Cloudy	None	Moderate	0.4	Calm
DTI	Miena Desgagnes	06-Aug-22	15:00			62.77500153	-92.09500122	62.77500153	-92.09500122	Stationary	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled		Light Wind
DTI	Miena Desgagnes	07-Aug-22	10:00			62.77500153	-92.09500122	62.77500153	-92.09500122	Stationary	10	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm

Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
DTI	Miena Desgagnes	08-Aug-22	08:06	08:12	00:06	63.45333481	-90.82333374	63.46500015	-90.84666443	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	
DTI	Miena Desgagnes	08-Aug-22	08:13	08:18	00:05	63.46666718	-90.84666443	63.47833252	-90.87166595	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	
DTI	Miena Desgagnes	08-Aug-22	08:20	08:25	00:05	63.47999954	-90.875	63.48833466	-90.89167023	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	
DTI	Miena Desgagnes	08-Aug-22	08:27	08:32	00:05	63.49333191	-90.90333557	63.50166702	-90.9283371	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	
DTI	Miena Desgagnes	08-Aug-22	08:35	08:41	00:06	63.50666809	-90.94999695	63.51499939	-90.98332977	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	
DTI	Miena Desgagnes	08-Aug-22	08:42	08:48	00:06	63.51499939	-90.98666382	63.52999878	-91.02500153	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	
DTI	Miena Desgagnes	09-Aug-22	13:00			63.93333435	-93.61333466	63.93333435	-93.61333466	Stationary	10	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
DTI	Miena Desgagnes	10-Aug-22	10:00			62.93333435	-93.60166931	63.93333435	-93.60166931	Stationary	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.1	Light Wind
DTI	Miena Desgagnes	11-Aug-22	10:00			63.93500137	-93.61333466	63.93500137	-93.61333466	Stationary	8	Cloudy	None	Slight	0.5	Strong Wind
DTI	Miena Desgagnes	12-Aug-22	07:00			63.93333435	-93.61166382	63.93333435	-93.61166382	Stationary	10	Cloudy	None	Slight	0.5	Strong Wind
DTI	Miena Desgagnes	16-Aug-22	08:00	08:05	00:05	69.81833649	-92.53500366	63.81499863	-92.48999786	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0	Light Wind
DTI	Miena Desgagnes	16-Aug-22	08:06	08:11	00:05	63.8133316	-92.48332977	63.80166626	-92.45333099	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0	Light Wind
DTI	Miena Desgagnes	16-Aug-22	08:12	08:17	00:05	63.78499985	-92.44833374	63.78333282	-92.42500305	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0	Light Wind
DTI	Miena Desgagnes	16-Aug-22	08:18	08:23	00:05	63.7816658	-92.42166901	63.76333237	-92.39499664	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0	Light Wind
DTI	Miena Desgagnes	16-Aug-22	08:23	08:30	00:07	63.76166534	-92.39333344	63.75166702	-92.34333038	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0	Light Wind
DTI	Miena Desgagnes	16-Aug-22	08:31	08:36	00:05	63.75166702	-92.33833313	63.75166702	-92.26833344	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0	Light Wind
DTI	Miena Desgagnes	17-Aug-22	08:00	08:07	00:07	62.23833466	-81.51499939	62.24666595	-81.45666504	Moving	2	Fog	Bright on Observer's Side	Moderate	0.4	
DTI	Miena Desgagnes	17-Aug-22	08:08	08:13	00:05	62.24833298	-81.44833374	62.25333405	-81.41000366	Moving	2	Fog	Bright on Observer's Side	Moderate	0.4	
DTI	Miena Desgagnes	17-Aug-22	08:14	08:19	00:05	62.25500107	-81.40666962	62.25999832	-81.36833191	Moving	2	Fog	Bright on Observer's Side	Moderate	0.4	
DTI	Miena Desgagnes	17-Aug-22	08:19	08:25	00:06	62.26166534	-81.36333466	62.26666641	-81.31999969	Moving	2	Fog	Bright on Observer's Side	Moderate	0.4	
DTI	Miena Desgagnes	17-Aug-22	08:25	08:30	00:05	62.26833344	-81.3116684	62.27333345	-81.27666473	Moving	2	Fog	Bright on Observer's Side	Moderate	0.4	
DTI	Miena Desgagnes	17-Aug-22	08:30	08:35	00:05	62.27500153	-81.27333069	62.27833176	-81.23833466	Moving	2	Fog	Bright on Observer's Side	Moderate	0.4	
DTI	Miena Desgagnes	18-Aug-22	08:00	08:06	00:06	61.80333328	-69.59666443	61.79166794	-69.54666901	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.1	Light Wind
DTI	Miena Desgagnes	18-Aug-22	08:06	08:11	00:05	61.79166794	-69.54333496	61.78333282	-69.5083313	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.1	Light Wind
DTI	Miena Desgagnes	18-Aug-22	08:13	08:20	00:07	61.7816658	-69.49500275	61.76833344	-69.43499756	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.1	Light Wind
DTI	Miena Desgagnes	18-Aug-22	08:21	08:25	00:04	61.76833344	-69.43333435	61.75833511	-69.38999939	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.1	Light Wind
DTI	Miena Desgagnes	18-Aug-22	08:26	08:31	00:05	61.75999832	-69.38833618	61.75	-69.34666443	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.1	Light Wind
DTI	Miena Desgagnes	18-Aug-22	08:32	08:37	00:05	61.75	-69.34333038	61.74166489	-69.30000305	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.1	Light Wind
DTI	Miena Desgagnes	03-Sep-22	16:09	16:14	00:05	60.12333298	-63.37166595	60.13666534	-63.38833237	Moving	7	Clear or Partly Cloudy	Slight/ Grey	Moderate	1.2	Strong Wind
DTI	Miena Desgagnes	03-Sep-22	16:14	16:19	00:05	60.13833237	-63.38999939	60.15000153	-63.4066658	Moving	7	Clear or Partly Cloudy	Slight/ Grey	Moderate	1.2	Strong Wind
DTI	Miena Desgagnes	03-Sep-22	16:20	16:25	00:05	60.15166855	-63.41166687	60.16333389	-63.42499924	Moving	7	Clear or Partly Cloudy	Slight/ Grey	Moderate	1.2	Strong Wind
DTI	Miena Desgagnes	03-Sep-22	16:25	16:30	00:05	60.16333389	-63.42666626	60.17666626	-63.44666672	Moving	7	Clear or Partly Cloudy	Slight/ Grey	Moderate	1.2	Strong Wind
DTI	Miena Desgagnes	03-Sep-22	16:31	16:37	00:06	60.18000031	-63.45000076	60.19333267	-63.47000122	Moving	7	Clear or Partly Cloudy	Slight/ Grey	Moderate	1.2	Strong Wind
DTI	Miena Desgagnes	03-Sep-22	16:37	16:42	00:05	60.19499969	-63.47166824	60.20666504	-63.49833298	Moving	7	Clear or Partly Cloudy	Slight/ Grey	Moderate	1.2	Strong Wind
DTI	Miena Desgagnes	04-Sep-22	08:20	08:25	00:05	61.74499893	-69.12666321	61.75166702	-69.16166687	Moving	7	Clear or Partly Cloudy	Slight/ Grey	Rough	2.5	Strong Wind
DTI	Miena Desgagnes	04-Sep-22	08:25	08:30	00:05	61.75166702	-69.16500092	61.75833511	-69.19833374	Moving	7	Clear or Partly Cloudy	Slight/ Grey	Rough	2.5	Strong Wind
DTI	Miena Desgagnes	04-Sep-22	08:31	08:36	00:05	61.75999832	-69.19999695	61.76833344	-69.23500061	Moving	7	Clear or Partly Cloudy	Slight/ Grey	Rough	2.5	Strong Wind
DTI	Miena Desgagnes	04-Sep-22	08:32	08:42	00:10	61.77000046	-69.24500275	61.77500153	-69.27333069	Moving	7	Clear or Partly Cloudy	Slight/ Grey	Rough	2.5	Strong Wind
DTI	Miena Desgagnes	04-Sep-22	08:43	08:48	00:05	61.77666855	-69.27666473	61.7816658	-69.3116684	Moving	7	Clear or Partly Cloudy	Slight/ Grey	Rough	2.5	Strong Wind
DTI	Miena Desgagnes	04-Sep-22	08:48	08:53	00:05	61.78333282	-69.3116684	61.78833389	-69.33999634	Moving	7	Clear or Partly Cloudy	Slight/ Grey	Rough	2.5	Strong Wind
DTI	Miena Desgagnes	05-Sep-22	09:34	09:39	00:05	62.33000183	-80.86333466	62.32500076	-80.90000153	Moving	0.9	Fog	None	Wavelets	0.3	Light Wind
DTI	Miena Desgagnes	05-Sep-22	09:40	09:45	00:05	62.32500076	-80.90499878	62.31833267	-80.94833374	Moving	0.9	Fog	None	Wavelets	0.3	Light Wind
DTI	Miena Desgagnes	05-Sep-22	09:45	09:50	00:05	62.31833267	-80.95333099	62.3116684	-80.98666382	Moving	0.9	Fog	None	Wavelets	0.3	Light Wind
DTI	Miena Desgagnes	05-Sep-22	09:50	09:56	00:06	62.3116684	-80.9916687	62.30666733	-81.04000092	Moving	0.9	Fog	None	Wavelets	0.3	Light Wind
DTI	Miena Desgagnes	05-Sep-22	10:01	10:06	00:05	62.29999924	-81.08166504	62.29499817	-81.12666321	Moving	0.9	Fog	None	Wavelets	0.3	Light Wind
DTI	Miena Desgagnes	05-Sep-22	10:07	10:13	00:06	62.29499817	-81.1333313	62.29000092	-81.16999817	Moving	0.9	Fog	None	Wavelets	0.3	Light Wind
DTI	Miena Desgagnes	07-Sep-22	10:30			63.93333435	-93.61333466	63.93333435	-93.61333466	Stationary	6		None	Slight	0.7	Gale Force Wind
DTI	Miena Desgagnes	08-Sep-22	14:00			63.93333435	-93.61333466	63.93333435	-93.61333466	Stationary	4	Cloudy	None	Slight	0.6	Strong Wind
DTI	Miena Desgagnes	09-Sep-22	13:00			63.93166733	-93.62166595	63.93166733	-93.62166595	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind



Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
DTI	Miena Desgagnes	10-Sep-22	10:30			63.93166733	-93.61499786	63.93166733	-93.61499786	Stationary	3	Fog	Slight/ Grey	Moderate	1	Strong Wind
DTI	Miena Desgagnes	11-Sep-22	10:30			63.93333435	-93.61499786	63.93333435	-93.61499786	Stationary	6	Cloudy	None	Wavelets	0.2	Light Wind
DTI	Miena Desgagnes	14-Sep-22	08:03	08:08	00:05	62.56833267	-86.60832977	62.55833435	-86.56166684	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Slight	0.7	Strong Wind
DTI	Miena Desgagnes	14-Sep-22	08:09	08:14	00:05	62.55833435	-86.55666351	62.54833221	-86.5083313	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Slight	0.7	Strong Wind
DTI	Miena Desgagnes	14-Sep-22	08:15	08:20	00:05	62.54666519	-86.50333405	62.53833389	-86.45999908	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Slight	0.7	Strong Wind
DTI	Miena Desgagnes	14-Sep-22	08:21	08:27	00:06	62.53833389	-86.45500183	62.52666855	-86.39833069	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Slight	0.7	Strong Wind
DTI	Miena Desgagnes	14-Sep-22	08:28	08:33	00:05	62.52500153	-86.39333344	62.51666641	-86.34999847	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Slight	0.7	Strong Wind
DTI	Miena Desgagnes	14-Sep-22	08:34	08:40	00:06	62.51499939	-86.34500122	62.50500107	-86.28666687	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Slight	0.7	Strong Wind
DTI	Miena Desgagnes	15-Sep-22	08:04	08:09	00:05	62.50666809	-73.30666351	62.49499893	-73.23999786	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.3	Strong Wind
DTI	Miena Desgagnes	15-Sep-22	08:12	08:17	00:05	62.48833466	-73.20999908	62.47833252	-73.16500092	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.3	Strong Wind
DTI	Miena Desgagnes	15-Sep-22	08:19	08:26	00:07	62.47499847	-73.13999939	62.45166779	-73.06833649	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.3	Strong Wind
DTI	Miena Desgagnes	15-Sep-22	08:27	08:33	00:06	62.45666504	-73.05999756	62.44333267	-72.98833466	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.3	Strong Wind
DTI	Miena Desgagnes	15-Sep-22	08:34	08:39	00:05	62.44333267	-72.98332977	62.43333435	-72.93666684	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.3	Strong Wind
DTI	Miena Desgagnes	15-Sep-22	08:39	08:45	00:06	62.43333435	-72.93166351	62.41999817	-72.86499786	Moving	8	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.3	Strong Wind
DTI	Miena Desgagnes	14-Sep-22	14:29			62.01166534	-83.21833038			Moving	8					Light Wind
DTI	Miena Desgagnes	04-Oct-22	08:25	08:30	00:05	61.55833435	-68.31666565	61.56499863	-68.34833527	Moving	5	Cloudy	None	Very Rough	1.5	Strong Wind
DTI	Miena Desgagnes	04-Oct-22	08:31	08:36	00:05	61.56499863	-68.34999847	61.57166672	-68.38833618	Moving	5	Cloudy	None	Very Rough	1.5	Strong Wind
DTI	Miena Desgagnes	04-Oct-22	08:38	08:45	00:07	61.57333374	-68.39666748	61.57833481	-68.42666626	Moving	5	Cloudy	None	Very Rough	1.5	Strong Wind
DTI	Miena Desgagnes	04-Oct-22	08:45	08:50	00:05	61.58166504	-68.4383316	61.58666611	-68.46499634	Moving	5	Cloudy	None	Very Rough	1.5	Strong Wind
DTI	Miena Desgagnes	04-Oct-22	08:51	08:56	00:05	61.58833313	-68.47333527	61.59500122	-68.50666809	Moving	5	Cloudy	None	Very Rough	1.5	Strong Wind
DTI	Miena Desgagnes	04-Oct-22	08:57	09:05	00:08	61.59500122	-68.51166534	61.60499954	-68.55833435	Moving	5	Cloudy	None	Very Rough	1.5	Strong Wind
DTI	Miena Desgagnes	05-Oct-22	08:02	08:08	00:06	62.58666611	-75.71833038	62.59000015	-75.75166321	Moving	4	Cloudy	None	Rough	2	Strong Wind
DTI	Miena Desgagnes	05-Oct-22	08:09	08:14	00:05	62.59000015	-75.75666809	62.59166718	-75.77833557	Moving	4	Cloudy	None	Rough	2	Strong Wind
DTI	Miena Desgagnes	05-Oct-22	08:15	08:20	00:05	62.5933342	-75.78666687	62.59500122	-75.81833649	Moving	4	Cloudy	None	Rough	2	Strong Wind
DTI	Miena Desgagnes	05-Oct-22	08:21	08:26	00:05	62.59500122	-75.82333374	62.59666824	-75.85166931	Moving	4	Cloudy	None	Rough	2	Strong Wind
DTI	Miena Desgagnes	05-Oct-22	08:27	08:32	00:05	62.59666824	-75.85500336	62.59833145	-75.88666534	Moving	4	Cloudy	None	Rough	2	Strong Wind
DTI	Miena Desgagnes	05-Oct-22	08:32	08:37	00:05	62.59833145	-75.88833618	62.59999847	-75.91666412	Moving	4	Cloudy	None	Rough	2	Strong Wind
DTI	Miena Desgagnes	06-Oct-22	10:43	10:48	00:05	63.0633316	-87.62166595	63.06666565	-87.66500092	Moving	7	Clear or Partly Cloudy		Moderate	1	Light Wind
DTI	Miena Desgagnes	06-Oct-22	10:50	10:55	00:05	64.56833649	-87.68499756	63.07166672	-87.72166443	Moving	7	Clear or Partly Cloudy		Moderate	1	Light Wind
DTI	Miena Desgagnes	06-Oct-22	10:55	11:00	00:05	63.07166672	-87.72499847	63.07500076	-87.76166534	Moving	7	Clear or Partly Cloudy		Moderate	1	Light Wind
DTI	Miena Desgagnes	06-Oct-22	11:02	11:07	00:05	63.07666779	-87.78333282	63.08000183	-87.8216629	Moving	7	Clear or Partly Cloudy		Moderate	1	Light Wind
DTI	Miena Desgagnes	06-Oct-22	11:07	11:12	00:05	63.08000183	-87.82499695	63.08333206	-87.87000275	Moving	7	Clear or Partly Cloudy		Moderate	1	Light Wind
DTI	Miena Desgagnes	06-Oct-22	11:14	11:18	00:04	63.08499908	-87.87833405	63.08833313	-82.99833679	Moving	7	Clear or Partly Cloudy		Moderate	1	Light Wind
DTI	Miena Desgagnes	08-Oct-22	15:07	15:12	00:05	63.77666855	-92.41500092	63.79000092	-92.4366684	Moving	5	Cloudy	None	Rippled	0.2	Calm
DTI	Miena Desgagnes	08-Oct-22	15:12	15:17	00:05	63.79166794	-92.4383316	63.80500031	-92.45999908	Moving	5	Cloudy	None	Rippled	0.2	Calm
DTI	Miena Desgagnes	08-Oct-22	15:18	15:24	00:06	63.80500031	-92.46166992	63.81833267	-92.50333405	Moving	5	Cloudy	None	Rippled	0.2	Calm
DTI	Miena Desgagnes	08-Oct-22	15:25	15:30	00:05	63.81833267	-92.50666809	63.81666565	-92.55000305	Moving	5	Cloudy	None	Rippled	0.2	Calm
DTI	Miena Desgagnes	08-Oct-22	15:31	15:36	00:05	63.81666565	-92.5533371	63.8133316	-92.59666443	Moving	5	Cloudy	None	Rippled	0.2	Calm
DTI	Miena Desgagnes	08-Oct-22	15:37	15:44	00:07	63.81166684	-92.60166931	63.80833435	-92.66166687	Moving	5	Cloudy	None	Rippled	0.2	Calm
DTI	Miena Desgagnes	09-Oct-22	10:00			63.93333435	-93.62166595	63.93333435	-93.62166595	Stationary	10	Cloudy	None	Slight	0.6	Strong Wind
DTI	Miena Desgagnes	10-Oct-22	13:00			63.93500137	-93.62000275	63.93500137	-93.62000275	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.3	Light Wind
DTI	Miena Desgagnes	11-Oct-22	13:00			63.93500137	-93.625	63.93500137	-93.625	Stationary	8	Cloudy	None	Moderate	1.2	Strong Wind
DTI	Miena Desgagnes	12-Oct-22	09:30			63.43500137	-93.62666321	63.93500137	-93.62666321	Stationary	6	Cloudy	None	Moderate	1.2	Gale Force Wind
DTI	Miena Desgagnes	13-Oct-22	11:24	11:29	00:05	63.55500031	-91.05166626	63.53499985	-91.02833557	Moving	2	Fog	None	Wavelets	0.4	Light Wind
DTI	Miena Desgagnes	13-Oct-22	11:30	11:35	00:05	63.53333282	-91.02666473	63.51666641	-91.99666595	Moving	2	Fog	None	Wavelets	0.4	Light Wind
DTI	Miena Desgagnes	13-Oct-22	11:35	11:40	00:05	63.51666641	-90.99500275	63.50833511	-90.95333099	Moving	2	Fog	None	Wavelets	0.4	Light Wind
DTI	Miena Desgagnes	13-Oct-22	11:41	11:46	00:05	63.50666809	-90.94833374	63.49499893	-90.90333557	Moving	2	Fog	None	Wavelets	0.4	Light Wind
DTI	Miena Desgagnes	13-Oct-22	11:47	11:52	00:05	63.49333191	-90.89833069	63.47499847	-90.86333466	Moving	2	Fog	None	Wavelets	0.4	Light Wind
DTI	Miena Desgagnes	13-Oct-22	11:53	11:58	00:05	63.47333145	-90.86166382	63.45666504	-90.82666779	Moving	2	Fog	None	Wavelets	0.4	Light Wind

Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
DTI	Miena Desgagnes	15-Oct-22	10:00			62.77833176	-92.09666443	62.77833176	-92.09666443	Stationary	6	Cloudy	None	Wavelets	0.2	Light Wind
DTI	Miena Desgagnes	16-Oct-22	10:00			62.75500107	-92.10333252	62.75500107	-92.10333252	Stationary	10	Cloudy	None	Rough	1.2	Gale Force Wind
DTI	Miena Desgagnes	17-Oct-22	13:00			62.77500153	-92.09333038	62.77500153	-92.09333038	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.3	Light Wind
DTI	Miena Desgagnes	19-Oct-22	13:00			62.77333345	-92.08833313	62.77333345	-92.08833313	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
DTI	Miena Desgagnes	22-Oct-22	15:41	15:46	00:05	62.03666687	-84.14333344	62.03166658	-84.09666443	Moving	7	Cloudy	None	Moderate	1.5	Strong Wind
DTI	Miena Desgagnes	22-Oct-22	15:47	15:52	00:05	62.03166658	-84.09500122	62.02833176	-84.05500031	Moving	7	Cloudy	None	Moderate	1.5	Strong Wind
DTI	Miena Desgagnes	22-Oct-22	15:52	15:57	00:05	62.02833176	-84.04666901	62.02500153	-84.0083313	Moving	7	Cloudy	None	Moderate	1.5	Strong Wind
DTI	Miena Desgagnes	22-Oct-22	15:58	16:03	00:05	62.02333345	-84.00666809	62.02166748	-83.95999908	Moving	7	Cloudy	None	Moderate	1.5	Strong Wind
DTI	Miena Desgagnes	22-Oct-22	16:04	16:11	00:07	62.02166748	-83.94999695	62.02000046	-83.90000153	Moving	7	Cloudy	None	Moderate	1.5	Strong Wind
DTI	Miena Desgagnes	22-Oct-22	16:11	16:17	00:06	62.02000046	-83.89499664	62.01833344	-83.84833527	Moving	7	Cloudy	None	Moderate	1.5	Strong Wind
DTI	Miena Desgagnes	23-Oct-22	10:36	10:41	00:05	62.55166626	-74.48500061	62.54999924	-74.44499969	Moving	7			Slight	1.3	Light Wind
DTI	Miena Desgagnes	23-Oct-22	10:42	10:47	00:05	62.54999924	-74.44000244	62.54999924	-74.39666748	Moving	7			Slight	1.3	Light Wind
DTI	Miena Desgagnes	23-Oct-22	10:48	10:55	00:07	62.54999924	-74.39167023	62.65000153	-74.33499908	Moving	7			Slight	1.3	Light Wind
DTI	Miena Desgagnes	23-Oct-22	10:56	11:01	00:05	62.54833221	-74.33000183	62.54833221	-74.28500366	Moving	7			Slight	1.3	Light Wind
DTI	Miena Desgagnes	23-Oct-22	11:02	11:07	00:05	62.54833221	-74.28333282	62.54833221	-74.24500275	Moving	7			Slight	1.3	Light Wind
DTI	Miena Desgagnes	23-Oct-22	11:08	11:13	00:05	62.54833221	-74.23999786	62.54666519	-74.20833588	Moving	7			Slight	1.3	Light Wind
Desgagnes	Nordika Desgagnes	12-Aug-22	13:15	13:20	00:05	60.02799988	-62.10850143	60.03499985	-62.13566589	Moving	4	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes	Nordika Desgagnes	12-Aug-22	13:25	13:30	00:05	60.04016495	-62.1554985	60.04449844	-62.17616653	Moving	4	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes	Nordika Desgagnes	12-Aug-22	13:35	13:40	00:05	60.04850006	-62.19716644	60.05199814	-62.21666718	Moving	4	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes	Nordika Desgagnes	12-Aug-22	13:45	13:50	00:05	60.05633163	-62.2405014	60.05966568	-62.25983429	Moving	4	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes	Nordika Desgagnes	12-Aug-22	13:55	14:00	00:05	60.0636673	-62.28099823	60.06666565	-62.29999924	Moving	4	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes	Nordika Desgagnes	12-Aug-22	14:05	14:10	00:05	60.07083511	-62.32316589	60.07466507	-62.34833145	Moving	4	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes	Nordika Desgagnes	12-Aug-22	14:15	14:20	00:05	60.07866669	-62.37566757	60.08200073	-62.4015007	Moving	1	Fog	None	Rippled		Light Wind
Desgagnes	Nordika Desgagnes	12-Aug-22	14:25	14:30	00:05	60.0870018	-62.48149872	60.09283447	-62.46500015	Moving	1	Fog	None	Rippled		Light Wind
Desgagnes	Nordika Desgagnes	12-Aug-22	14:35	14:40	00:05	60.09966666	-62.49700165	60.10716629	-62.52616501	Moving	1	Fog	None	Rippled		Light Wind
Desgagnes	Nordika Desgagnes	12-Aug-22	14:45	14:50	00:05	60.11566544	-62.55833435	60.1218338	-62.58200073	Moving	1	Fog	None	Rippled		Light Wind
Desgagnes	Nordika Desgagnes	12-Aug-22	14:55	15:00	00:05	60.13050079	-62.61449814	60.13050079	-62.63666534	Moving	1	Fog	None	Rippled		Light Wind
Desgagnes	Nordika Desgagnes	12-Aug-22	15:05	15:10	00:05	60.14583206	-62.67133331	60.15333176	-62.70000076	Moving	1	Fog	None	Rippled		Light Wind
Desgagnes	Nordika Desgagnes	12-Aug-22	15:15	15:20	00:05	60.16166687	-62.7266655	60.17083359	-62.7594986	Moving	0	Fog	None	Glassy		Light Wind
Desgagnes	Nordika Desgagnes	12-Aug-22	15:25	15:30	00:05	60.18000031	-62.79166794	60.1883316	-62.82500076	Moving	0	Fog	None	Glassy		Light Wind
Desgagnes	Nordika Desgagnes	12-Aug-22	15:35	15:40	00:05	60.19666672	-62.85499954	60.20500183	-62.88666534	Moving	0	Fog	None	Glassy		Light Wind
Desgagnes	Nordika Desgagnes	12-Aug-22	15:45	15:50	00:05	60.21500015	-62.91999817	60.22333145	-62.95333481	Moving	0	Fog	None	Glassy		Light Wind
Desgagnes	Nordika Desgagnes	12-Aug-22	15:55	16:00	00:05	60.22999954	-62.98500061	60.23833466	-63.01499939	Moving	0	Fog	None	Glassy		Light Wind
Desgagnes	Nordika Desgagnes	12-Aug-22	16:05	16:10	00:05	60.24499893	-63.05833435	60.24666595	-63.0933342	Moving	0	Fog	None	Glassy		Light Wind
Desgagnes	Nordika Desgagnes	13-Aug-22	13:00	13:05	00:05	62.24166489	-71.85333252	62.25166702	-71.89666748	Moving	7	Cloudy	None	Wavelets	0	
Desgagnes	Nordika Desgagnes	13-Aug-22	13:10	13:15	00:05	62.25999832	-71.93499756	62.27000046	-71.97000122	Moving	7	Cloudy	None	Wavelets	0	
Desgagnes	Nordika Desgagnes	13-Aug-22	13:20	13:25	00:05	62.27833176	-72.00666809	62.28666687	-72.04666901	Moving	7	Cloudy	None	Wavelets	0	
Desgagnes	Nordika Desgagnes	13-Aug-22	13:30	13:35	00:05	62.29666519	-72.08499908	62.30500031	-72.11333466	Moving	7	Cloudy	None	Wavelets	0	
Desgagnes	Nordika Desgagnes	13-Aug-22	13:40	13:45	00:05	62.3133316	-72.14833069	62.32166672	-72.18333435	Moving	7	Cloudy	None	Wavelets	0	
Desgagnes	Nordika Desgagnes	13-Aug-22	13:50	13:55	00:05	62.33166504	-72.22000122	62.34000015	-72.25499725	Moving	7	Cloudy	None	Wavelets	0	
Desgagnes	Nordika Desgagnes	13-Aug-22	14:00	14:05	00:05	62.34833145	-72.29000092	62.35833359	-72.3216629	Moving	9	Cloudy	None	Wavelets	0.1	Light Wind
Desgagnes	Nordika Desgagnes	13-Aug-22	14:10	14:15	00:05	62.36666489	-72.35500336	62.375	-72.39167023	Moving	9	Cloudy	None	Wavelets	0.1	Light Wind
Desgagnes	Nordika Desgagnes	13-Aug-22	14:20	14:25	00:05	62.38166809	-72.42500305	62.39166641	-72.46166992	Moving	9	Cloudy	None	Wavelets	0.1	Light Wind
Desgagnes	Nordika Desgagnes	13-Aug-22	14:30	14:35	00:05	62.3983345	-72.49333191	62.4066658	-72.52833557	Moving	9	Cloudy	None	Wavelets	0.1	Light Wind
Desgagnes	Nordika Desgagnes	13-Aug-22	14:40	14:45	00:05	62.41500092	-72.55833435	62.42333221	-72.59166718	Moving	9	Cloudy	None	Wavelets	0.1	Light Wind
Desgagnes	Nordika Desgagnes	13-Aug-22	14:50	14:55	00:05	62.43166733	-72.62666321	62.4383316	-72.65833282	Moving	9	Cloudy	None	Wavelets	0.1	Light Wind
Desgagnes	Nordika Desgagnes	13-Aug-22	15:00	15:05	00:05	62.44666672	-72.69000244	62.45666504	-72.73666382	Moving	10	Cloudy	None	Wavelets	0	Strong Wind
Desgagnes	Nordika Desgagnes	13-Aug-22	15:10	15:15	00:05	62.46500015	-72.76833344	62.47000122	-72.79333496	Moving	10	Cloudy	None	Wavelets	0	Strong Wind
Desgagnes	Nordika Desgagnes	13-Aug-22	15:20	15:25	00:05	62.47833252	-72.82833099	62.48500061	-72.86166382	Moving	10	Cloudy	None	Wavelets	0	Strong Wind

Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Desgagnes	Nordika Desgagnes	13-Aug-22	15:30	15:35	00:05	62.49333191	-72.89167023	62.50166702	-72.92666626	Moving	10	Cloudy	None	Wavelets	0	Strong Wind
Desgagnes	Nordika Desgagnes	13-Aug-22	15:40	15:45	00:05	62.50833511	-72.95333099	62.51333237	-72.98500061	Moving	10	Cloudy	None	Wavelets	0	Strong Wind
Desgagnes	Nordika Desgagnes	13-Aug-22	15:45	15:50	00:05	62.51333237	-72.98500061	62.84833145	-73.02166748	Moving	10	Cloudy	None	Wavelets	0	Strong Wind
Desgagnes	Nordika Desgagnes	14-Aug-22	12:45	12:50	00:05	62.24833298	-81.84166718	62.23500061	-81.87000275	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0	Strong Wind
Desgagnes	Nordika Desgagnes	14-Aug-22	12:55	13:00	00:05	62.22000122	-81.89833069	62.20666504	-81.92333221	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0	Strong Wind
Desgagnes	Nordika Desgagnes	14-Aug-22	13:05	13:10	00:05	62.18999863	-81.95666504	62.17833328	-81.98000336	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0	Strong Wind
Desgagnes	Nordika Desgagnes	14-Aug-22	13:15	13:20	00:05	62.16333389	-82.0083313	62.1483345	-82.03666687	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0	Strong Wind
Desgagnes	Nordika Desgagnes	14-Aug-22	13:25	13:30	00:05	62.13333511	-82.06666565	62.12166595	-82.08999634	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0	Strong Wind
Desgagnes	Nordika Desgagnes	14-Aug-22	13:35	13:40	00:05	62.10666656	-82.125	62.09166718	-82.15333557	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0	Strong Wind
Desgagnes	Nordika Desgagnes	14-Aug-22	13:45	13:50	00:05	62.08000183	-82.1783371	62.06499863	-82.20666504	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0	Strong Wind
Desgagnes	Nordika Desgagnes	14-Aug-22	13:55	14:00	00:05	62.04499817	-82.23332977	62.04000092	-82.25499725	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0	Strong Wind
Desgagnes	Nordika Desgagnes	14-Aug-22	14:05	14:10	00:05	62.02500153	-82.28500366	62.01166534	-82.3116684	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0	Strong Wind
Desgagnes	Nordika Desgagnes	14-Aug-22	14:15	14:20	00:05	61.99833298	-82.34666443	61.98333359	-82.36833191	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0	Strong Wind
Desgagnes	Nordika Desgagnes	14-Aug-22	14:25	14:30	00:05	61.97000122	-82.39833069	61.95833206	-82.42166901	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0	Strong Wind
Desgagnes	Nordika Desgagnes	14-Aug-22	14:35	14:40	00:05	61.94333267	-82.44833374	61.92499924	-82.48000336	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0	Strong Wind
Desgagnes	Nordika Desgagnes	14-Aug-22	14:45	14:50	00:05	61.91833496	-82.51166534	61.91666794	-82.55000305	Moving	10	Clear or Partly Cloudy	None	Slight	0	Strong Wind
Desgagnes	Nordika Desgagnes	14-Aug-22	14:55	15:00	00:05	61.91666794	-82.58999634	61.91666794		Moving	10	Clear or Partly Cloudy	None	Slight	0	Strong Wind
Desgagnes	Nordika Desgagnes	14-Aug-22	15:05	15:10	00:05	61.91666794	-82.67333221	61.91666794	-82.70666504	Moving	10	Clear or Partly Cloudy	None	Slight	0	Strong Wind
Desgagnes	Nordika Desgagnes	14-Aug-22	15:15	15:20	00:05	61.91666794	-82.74833679	61.91500092	-82.78833008	Moving	10	Clear or Partly Cloudy	None	Slight	0	Strong Wind
Desgagnes	Nordika Desgagnes	14-Aug-22	15:25	15:30	00:05	61.91500092	-82.83000183	61.91500092	-82.87000275	Moving	10	Clear or Partly Cloudy	None	Slight	0	Strong Wind
Desgagnes	Nordika Desgagnes	14-Aug-22	15:35	15:40	00:05	61.91500092	-82.91166687	61.91500092	-82.95500183	Moving	10	Clear or Partly Cloudy	None	Slight	0	Strong Wind
Desgagnes	Nordika Desgagnes	15-Aug-22	13:00	13:05	00:05	63.30833435	-90.57499695	83.3133316	-90.57833099	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes	Nordika Desgagnes	15-Aug-22	13:10	13:15	00:05	63.32166672	-90.58166504	63.33166504	-90.59333038	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes	Nordika Desgagnes	15-Aug-22	13:20	13:25	00:05	63.34166718	-90.60832977	63.3516655	-90.62166595	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes	Nordika Desgagnes	15-Aug-22	13:30	13:35	00:05	63.36166763	-90.63999939	63.37166595	-90.65833282	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes	Nordika Desgagnes	15-Aug-22	13:40	13:45	00:05	63.38166809	-90.68000031	63.39166641	-90.69999695	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes	Nordika Desgagnes	15-Aug-22	13:50	13:55	00:05	63.40333176	-90.72499847	63.40999985	-90.73500061	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes	Nordika Desgagnes	15-Aug-22	14:00	14:05	00:05	63.41833496	-90.75	63.42666626	-90.76833344	Moving	10	Clear or Partly Cloudy	None	Glassy		Light Wind
Desgagnes	Nordika Desgagnes	15-Aug-22	14:10	14:15	00:05	63.43500137	-90.78666687	63.44333267	-90.8033371	Moving	10	Clear or Partly Cloudy	None	Glassy		Light Wind
Desgagnes	Nordika Desgagnes	15-Aug-22	14:20	14:25	00:05	63.45000076	-90.81666565	63.45000076	-90.83333588	Moving	10	Clear or Partly Cloudy	None	Glassy		Light Wind
Desgagnes	Nordika Desgagnes	15-Aug-22	14:30	14:35	00:05	63.46500015	-90.84833527	63.47333145	-90.86166382	Moving	10	Clear or Partly Cloudy	None	Glassy		Light Wind
Desgagnes	Nordika Desgagnes	15-Aug-22	14:40	14:45	00:05	63.47999954	-90.875	63.48666763	-90.88999939	Moving	10	Clear or Partly Cloudy	None	Glassy		Light Wind
Desgagnes	Nordika Desgagnes	15-Aug-22	14:50	14:55	00:05	63.49499893	-90.90499878	63.50166702	-90.92166901	Moving	10	Clear or Partly Cloudy	None	Glassy		Light Wind
Desgagnes	Nordika Desgagnes	15-Aug-22	15:00	15:05	00:05	63.50833511	-90.94999695	63.51499939	-90.98000336	Moving	10	Clear or Partly Cloudy	None	Glassy		Light Wind
Desgagnes	Nordika Desgagnes	15-Aug-22	15:15	15:20	00:05	63.5233345	-91.01333618	63.53333282	-91.02833557	Moving	10	Clear or Partly Cloudy	None	Glassy		Light Wind
Desgagnes	Nordika Desgagnes	15-Aug-22	15:20	15:25	00:05	63.54499817	-91.04333496	63.55833435	-91.05833435	Moving	10	Clear or Partly Cloudy	None	Glassy		Light Wind
Desgagnes	Nordika Desgagnes	15-Aug-22	15:30	15:35	00:05	63.57166672	-91.07499695	63.58166504	-91.10333252	Moving	10	Clear or Partly Cloudy	None	Glassy		Light Wind
Desgagnes	Nordika Desgagnes	15-Aug-22	15:40	15:45	00:05	63.58499908	-91.12833405	63.58666611	-91.15666962	Moving	10	Clear or Partly Cloudy	None	Glassy		Light Wind
Desgagnes	Nordika Desgagnes	15-Aug-22	15:50	15:55	00:05	63.58833313	-91.19333649	63.59000015	-91.21666718	Moving	10	Clear or Partly Cloudy	None	Glassy		Light Wind
Desgagnes	Nordika Desgagnes	27-Aug-22	13:00	13:05	00:05	61.91500092	-83.55666351	61.91500092	-83.50166321	Moving	10	Cloudy	None	Wavelets	0	Light Wind
Desgagnes	Nordika Desgagnes	27-Aug-22	13:10	13:15	00:05	61.91500092	-83.46333313	61.91500092	-83.42500305	Moving	10	Cloudy	None	Wavelets	0	Light Wind
Desgagnes	Nordika Desgagnes	27-Aug-22	13:20	13:25	00:05	61.91500092	-83.38166809	61.91500092	-83.34333038	Moving	10	Cloudy	None	Wavelets	0	Light Wind
Desgagnes	Nordika Desgagnes	27-Aug-22	13:30	13:35	00:05	61.91500092	-83.30000305	61.91500092	-83.26166534	Moving	10	Cloudy	None	Wavelets	0	Light Wind
Desgagnes	Nordika Desgagnes	27-Aug-22	13:40	13:45	00:05	61.91500092	-83.22166443	61.91500092	-83.18000031	Moving	10	Cloudy	None	Wavelets	0	Light Wind
Desgagnes	Nordika Desgagnes	27-Aug-22	13:50	13:55	00:05	61.91500092	-83.14333344	61.91500092	-83.10333252	Moving	10	Cloudy	None	Wavelets	0	Light Wind
Desgagnes	Nordika Desgagnes	27-Aug-22	14:00	14:05	00:05	61.91666794	-83.0633316	61.91666794	-83.02166748	Moving	10	Clear or Partly Cloudy	None	Wavelets	0	Light Wind
Desgagnes	Nordika Desgagnes	27-Aug-22	14:10	14:15	00:05	61.91666794	-82.97333527	61.91666794	-82.94000244	Moving	10	Clear or Partly Cloudy	None	Wavelets	0	Light Wind
Desgagnes	Nordika Desgagnes	27-Aug-22	14:20	14:25	00:05	61.91500092	-82.90499878	61.91500092	-82.95500183	Moving	10	Clear or Partly Cloudy	None	Wavelets	0	Light Wind
Desgagnes	Nordika Desgagnes	27-Aug-22	14:30	14:35	00:05	61.91500092	-82.8133316	61.91500092	-82.77333069	Moving	10	Clear or Partly Cloudy	None	Wavelets	0	Light Wind

Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Desgagnes	Nordika Desgagnes	27-Aug-22	14:40	14:45	00:05	61.91333389	-82.72499847	61.91333389	-82.6966629	Moving	10	Clear or Partly Cloudy	None	Wavelets	0	Light Wind
Desgagnes	Nordika Desgagnes	27-Aug-22	14:50	14:55	00:05	61.91500092	-82.64333344	61.91500092	-82.60333252	Moving	10	Clear or Partly Cloudy	None	Wavelets	0	Light Wind
Desgagnes	Nordika Desgagnes	27-Aug-22	15:00	15:05	00:05	61.91500092	-82.56666565	61.91500092	-82.51833344	Moving	10	Clear or Partly Cloudy	None	Wavelets	0	Light Wind
Desgagnes	Nordika Desgagnes	27-Aug-22	15:10	15:15	00:05	61.92333221	-82.48833466	61.9383316	-82.45500183	Moving	10	Clear or Partly Cloudy	None	Wavelets	0	Light Wind
Desgagnes	Nordika Desgagnes	27-Aug-22	15:20	15:25	00:05	61.95166779	-82.43000031	61.96500015	-82.40333557	Moving	10	Clear or Partly Cloudy	None	Wavelets	0	Light Wind
Desgagnes	Nordika Desgagnes	27-Aug-22	15:30	15:35	00:05	61.97833252	-82.37666321	61.99333191	-82.34166718	Moving	10	Clear or Partly Cloudy	None	Wavelets	0	Light Wind
Desgagnes	Nordika Desgagnes	27-Aug-22	15:40	15:45	00:05	62.00833511	-82.31666565	62.02166748	-82.29166412	Moving	10	Clear or Partly Cloudy	None	Wavelets	0	Light Wind
Desgagnes	Nordika Desgagnes	27-Aug-22	15:50	15:55	00:05	62.03499985	-82.26667023	62.04999924	-82.23500061	Moving	10	Clear or Partly Cloudy	None	Wavelets	0	Light Wind
Desgagnes	Nordika Desgagnes	28-Aug-22	12:55	13:00	00:05	62.25	-71.86499786	62.23833466	-71.8133316	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes	Nordika Desgagnes	28-Aug-22	13:05	13:10	00:05	62.22999954	-71.78166962	62.22333145	-71.74833679	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes	Nordika Desgagnes	28-Aug-22	13:15	13:20	00:05	62.21166611	-71.70500183	62.20500183	-71.67333221	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes	Nordika Desgagnes	28-Aug-22	13:25	13:30	00:05	62.19499969	-71.63166809	62.1866684	-71.59833527	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes	Nordika Desgagnes	28-Aug-22	13:35	13:40	00:05	62.17499924	-71.55666351	62.16500092	-71.51333618	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes	Nordika Desgagnes	28-Aug-22	13:45	13:50	00:05	62.15833282	-71.48000336	62.14500046	-71.43000031	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes	Nordika Desgagnes	28-Aug-22	14:00	14:05	00:05	62.12833405	-71.36333466	62.11999893	-71.32333374	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes	Nordika Desgagnes	28-Aug-22	14:10	14:15	00:05	62.11000061	-71.28333282	62.09999847	-71.2416687	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes	Nordika Desgagnes	28-Aug-22	14:20	14:25	00:05	62.09000015	-71.19833374	62.08166504	-71.16333008	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes	Nordika Desgagnes	28-Aug-22	14:30	14:35	00:05	62.06999969	-71.11499786	62.0616684	-71.08166504	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes	Nordika Desgagnes	28-Aug-22	14:40	14:45	00:05	62.05333328	-71.04333496	62.04666519	-70.99666595	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes	Nordika Desgagnes	28-Aug-22	14:50	14:55	00:05	62.0316658	-70.94999695	62.0233345	-70.91166687	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes	Nordika Desgagnes	28-Aug-22	15:00	15:05	00:05	62.01333237	-70.87000275	62.00500107	-70.83333588	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes	Nordika Desgagnes	28-Aug-22	15:10	15:15	00:05	61.99666595	-70.79666901	61.98833466	-70.75666809	Moving	10	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes	Nordika Desgagnes	15-Sep-22	10:30	10:35	00:05	60.53333282	-64.72166443			Moving	15	Clear or Partly Cloudy	None	Rippled		Light Wind
Desgagnes	Nordika Desgagnes	15-Sep-22	10:35	10:40	00:05					Moving	15	Clear or Partly Cloudy	None	Rippled		Light Wind
Desgagnes	Nordika Desgagnes	15-Sep-22	10:40	10:45	00:05					Moving	15	Clear or Partly Cloudy	None	Rippled		Light Wind
Desgagnes	Nordika Desgagnes	15-Sep-22	10:45	10:50	00:05					Moving	15	Clear or Partly Cloudy	None	Rippled		Light Wind
Desgagnes	Nordika Desgagnes	15-Sep-22	10:50	10:55	00:05					Moving	15	Clear or Partly Cloudy	None	Rippled		Light Wind
Desgagnes	Nordika Desgagnes	15-Sep-22	10:55	11:00	00:05			60.56499863	-64.93333435	Moving	15	Clear or Partly Cloudy	None	Rippled		Light Wind
Desgagnes	Nordika Desgagnes	16-Sep-22	10:30	10:35	00:05	62.51666641	-74.36000061	62.51666641	-74.39833069	Moving	20	Clear or Partly Cloudy	None	Glassy	1	Light Wind
Desgagnes	Nordika Desgagnes	16-Sep-22	10:35	10:40	00:05	62.51666641	-74.39833069	62.51666641	-74.4366684	Moving	20	Clear or Partly Cloudy	None	Glassy	1	Light Wind
Desgagnes	Nordika Desgagnes	16-Sep-22	10:40	10:45	00:05	62.51666641	-74.4366684	62.51666641	-74.47499847	Moving	20	Clear or Partly Cloudy	None	Glassy	1	Light Wind
Desgagnes	Nordika Desgagnes	16-Sep-22	10:45	10:50	00:05	62.51666641	-74.47499847	62.51666641	-74.51333618	Moving	20	Clear or Partly Cloudy	None	Glassy	1	Light Wind
Desgagnes	Nordika Desgagnes	16-Sep-22	10:50	10:55	00:05	62.51666641	-74.51333618	62.51666641	-74.55166626	Moving	20	Clear or Partly Cloudy	None	Glassy	1	Light Wind
Desgagnes	Nordika Desgagnes	16-Sep-22	10:55	11:00	00:05	62.51666641	-74.55166626	62.51666641	-74.58999634	Moving	20	Clear or Partly Cloudy	None	Glassy	1	Light Wind
Desgagnes	Nordika Desgagnes	17-Sep-22	10:30	10:35	00:05	61.99833298	-84.85166931	62.00166702	-84.87333679	Moving	20			Rippled	1	
Desgagnes	Nordika Desgagnes	17-Sep-22	10:35	10:40	00:05	62.00166702	-84.87333679	52.00333405	-84.90166473	Moving	20			Rippled	1	
Desgagnes	Nordika Desgagnes	17-Sep-22	10:40	10:45	00:05	62.00333405	-84.90166473	62.00666809	-84.92666626	Moving	20			Rippled	1	
Desgagnes	Nordika Desgagnes	17-Sep-22	10:45	10:50	00:05	62.00666809	-84.92666626	62.00999832	-84.95666504	Moving	20			Rippled	1	
Desgagnes	Nordika Desgagnes	17-Sep-22	10:50	10:55	00:05	62.00999832	-84.95666504	62.01166534	-84.98332977	Moving	20			Rippled	1	
Desgagnes	Nordika Desgagnes	17-Sep-22	10:55	11:00	00:05	62.01166534	-84.98332977	62.01499939	-85.01000214	Moving	20			Rippled	1	
Desgagnes	Nordika Desgagnes	20-Sep-22	18:00	18:05	00:05	63.93999863	-93.63500214	63.93999863	-93.63500214	Stationary	15	Clear or Partly Cloudy	None	Glassy	0	Light Wind
Desgagnes	Nordika Desgagnes	20-Sep-22	18:05	18:10	00:05	63.93999863	-93.63500214	63.93999863	-93.63500214	Stationary	15	Clear or Partly Cloudy	None	Glassy	0	Light Wind
Desgagnes	Nordika Desgagnes	20-Sep-22	18:10	18:15	00:05	63.93999863	-93.63500214	63.93999863	-93.63500214	Stationary	15	Clear or Partly Cloudy	None	Glassy	0	Light Wind
Desgagnes	Nordika Desgagnes	20-Sep-22	18:15	18:20	00:05	63.93999863	-93.63500214	63.93999863	-93.63500214	Stationary	15	Clear or Partly Cloudy	None	Glassy	0	Light Wind
Desgagnes	Nordika Desgagnes	20-Sep-22	18:20	18:25	00:05	63.93999863	-93.63500214	63.93999863	-93.63500214	Stationary	15	Clear or Partly Cloudy	None	Glassy	0	Light Wind
Desgagnes	Nordika Desgagnes	20-Sep-22	18:25	18:30	00:05	63.93999863	-93.63500214	63.93999863	-93.63500214	Stationary	15	Clear or Partly Cloudy	None	Glassy	0	Light Wind
Desgagnes	Nordika Desgagnes	22-Sep-22	18:00	18:05	00:05	63.94333267	-93.63833618	63.94333267	-93.63833618	Stationary	15	Cloudy	None	Glassy	0	Calm
Desgagnes	Nordika Desgagnes	22-Sep-22	18:05	18:10	00:05	63.94333267	-93.63833618	63.94333267	-93.63833618	Stationary	15	Cloudy	None	Glassy	0	Calm
Desgagnes	Nordika Desgagnes	22-Sep-22	18:10	18:15	00:05	63.94333267	-93.63833618	63.94333267	-93.63833618	Stationary	15	Cloudy	None	Glassy	0	Calm



Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Desgagnes	Nordika Desgagnes	22-Sep-22	18:15	18:20	00:05	63.94333267	-93.63833618	63.94333267	-93.63833618	Stationary	15	Cloudy	None	Glassy	0	Calm
Desgagnes	Nordika Desgagnes	22-Sep-22	18:20	18:25	00:05	63.94333267	-93.63833618	63.94333267	-93.63833618	Stationary	15	Cloudy	None	Glassy	0	Calm
Desgagnes	Nordika Desgagnes	22-Sep-22	18:25	18:30	00:05	63.94333267	-93.63833618	63.94333267	-93.63833618	Stationary	15	Cloudy	None	Glassy	0	Calm
Desgagnes	Nordika Desgagnes	27-Sep-22	10:30	10:35	00:05	62.12166595	-84.9366684	62.12166595	-84.91666412	Moving	20	Cloudy	None	Rippled	1	Light Wind
Desgagnes	Nordika Desgagnes	27-Sep-22	10:35	10:40	00:05	62.12166595	-84.91666412	62.10666656	-84.87166595	Moving	20	Cloudy	None	Rippled	1	Light Wind
Desgagnes	Nordika Desgagnes	27-Sep-22	10:40	10:45	00:05	62.10666656	-84.87166595	62.09500122	-84.81833649	Moving	20	Cloudy	None	Rippled	1	Light Wind
Desgagnes	Nordika Desgagnes	27-Sep-22	10:45	10:50	00:05	62.09500122	-84.81833649	62.08833313	-84.79333496	Moving	20	Cloudy	None	Rippled	1	Light Wind
Desgagnes	Nordika Desgagnes	27-Sep-22	10:50	10:55	00:05	62.08833313	-84.79333496	62.07833481	-84.75333405	Moving	20	Cloudy	None	Rippled	1	Light Wind
Desgagnes	Nordika Desgagnes	27-Sep-22	10:55	11:00	00:05	62.07833481	-84.75333405	62.07166672	-84.71833038	Moving	20	Cloudy	None	Rippled	1	Light Wind
Desgagnes	Nordika Desgagnes	28-Sep-22	10:30	10:35	00:05	62.51499939	-73.47333527	62.51499939	-73.43166351	Moving	15	Cloudy	Slight/ Grey	Rippled	1	Light Wind
Desgagnes	Nordika Desgagnes	28-Sep-22	10:35	10:40	00:05	62.51499939	-73.43166351	62.51499939	-73.38166809	Moving	15	Cloudy	Slight/ Grey	Rippled	1	Light Wind
Desgagnes	Nordika Desgagnes	28-Sep-22	10:40	10:45	00:05	62.51499939	-73.38166809	62.51666641	-73.34500122	Moving	15	Cloudy	Slight/ Grey	Rippled	1	Light Wind
Desgagnes	Nordika Desgagnes	28-Sep-22	10:45	10:50	00:05	62.51666641	-73.34500122	62.51666641	-73.30000305	Moving	15	Cloudy	Slight/ Grey	Rippled	1	Light Wind
Desgagnes	Nordika Desgagnes	28-Sep-22	10:50	10:55	00:05	62.51666641	-73.30000305	62.51666641	-73.25499725	Moving	15	Cloudy	Slight/ Grey	Rippled	1	Light Wind
Desgagnes	Nordika Desgagnes	28-Sep-22	10:55	11:00	00:05	62.51666641	-73.25499725	62.51666641	-73.20666504	Moving	15	Cloudy	Slight/ Grey	Rippled	1	Light Wind
Coastal Shipping	Tuvaq W.	13-Aug-22	09:05	09:10	00:05	64.51667023	-96.01667023	64.51667023	-96.01667023	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Slight	0.5	Strong Wind
Coastal Shipping	Tuvaq W.	13-Aug-22	09:14	09:19	00:05	64.51667023	-96.01667023	64.51667023	-96.01667023	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Slight	0.5	Strong Wind
Coastal Shipping	Tuvaq W.	13-Aug-22	09:22	09:27	00:05	64.51667023	-96.01667023	64.51667023	-96.01667023	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Slight	0.5	Strong Wind
Coastal Shipping	Tuvaq W.	13-Aug-22	09:30	09:35	00:05	64.51667023	-96.01667023	64.51667023	-96.01667023	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Slight	0.5	Strong Wind
Coastal Shipping	Tuvaq W.	13-Aug-22	09:37	09:42	00:05	64.51667023	-96.01667023	64.51667023	-96.01667023	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Slight	0.5	Strong Wind
Coastal Shipping	Tuvaq W.	13-Aug-22	09:44	09:49	00:05	64.51667023	-96.01667023	64.51667023	-96.01667023	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Slight	0.5	Strong Wind
Coastal Shipping	Tuvaq W.	14-Aug-22	06:05	06:10	00:05	64.30666351	-96.01166534	64.30666351	-96.01166534	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.5	Light Wind
Coastal Shipping	Tuvaq W.	14-Aug-22	06:15	06:20	00:05	64.30666351	-96.01166534	64.30666351	-96.01166534	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.5	Light Wind
Coastal Shipping	Tuvaq W.	14-Aug-22	06:25	06:30	00:05	64.30666351	-96.01166534	64.30666351	-96.01166534	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.5	Light Wind
Coastal Shipping	Tuvaq W.	14-Aug-22	06:37	06:42	00:05	64.30666351	-96.01166534	64.30666351	-96.01166534	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.5	Light Wind
Coastal Shipping	Tuvaq W.	14-Aug-22	06:48	06:53	00:05	64.30666351	-96.01166534	64.30666351	-96.01166534	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.5	Light Wind
Coastal Shipping	Tuvaq W.	14-Aug-22	06:58	07:03	00:05	64.30666351	-96.01166534	64.30666351	-96.01166534	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.5	Light Wind
	Tuvaq W.	15-Aug-22	14:15	14:20	00:05	63.99499893	-94.2416687	63.99666595	-94.21833038	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.1	Light Wind
	Tuvaq W.	15-Aug-22	14:25	14:30	00:05	63.99499893	-94.1883316	63.99166489	-94.15666962	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.1	Light Wind
	Tuvaq W.	15-Aug-22	14:34	14:39	00:05	63.98833466	-94.12833405	63.98166656	-94.09666443	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.1	Light Wind
	Tuvaq W.	15-Aug-22	14:40	14:45	00:05	63.97999954	-94.08833313	63.96666718	-94.06833649	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.1	Light Wind
	Tuvaq W.	15-Aug-22	14:54	14:59	00:05	63.94166565	-94.02666473	63.93000031	-93.99500275	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.1	Light Wind
	Tuvaq W.	15-Aug-22	15:01	15:06	00:05	63.92499924	-93.98332977	63.92166519	-93.94333649	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.1	Light Wind
Coastal Shipping	Tuvaq W.	16-Aug-22	14:04	14:09	00:05	63.9766655	-94.08333588	63.98500061	-94.11000061	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping	Tuvaq W.	16-Aug-22	14:12	14:17	00:05	63.98833466	-94.125	63.99166489	-94.15499878	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping	Tuvaq W.	16-Aug-22	14:18	14:23	00:05	63.99166489	-94.16166687	63.99499893	-94.1883316	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping	Tuvaq W.	16-Aug-22	14:26	14:31	00:05	63.99666595	-94.20333099	63.99499893	-94.22499847	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping	Tuvaq W.	16-Aug-22	14:38	14:43	00:05	63.99499893	-94.25499725	63.99333191	-94.27500153	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping	Tuvaq W.	16-Aug-22	14:52	14:57	00:05	63.99333191	-94.3033371	63.99833298	-94.32333374	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping	Tuvaq W.	17-Aug-22	14:38	14:43	00:05	63.96666718	-94.06833649	63.97833252	-94.08833313	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Moderate	0.5	Strong Wind
Coastal Shipping	Tuvaq W.	17-Aug-22	14:47	14:52	00:05	63.98333359	-94.10333252	63.98833466	-94.12833405	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Moderate	0.5	Strong Wind
Coastal Shipping	Tuvaq W.	17-Aug-22	14:55	15:00	00:05	63.99000168	-94.14167023	63.99166489	-94.16500092	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Moderate	0.5	Strong Wind
Coastal Shipping	Tuvaq W.	17-Aug-22	15:07	15:12	00:05	63.99499893	-94.19000244	63.99666595	-94.21333313	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Moderate	0.5	Strong Wind
Coastal Shipping	Tuvaq W.	17-Aug-22	15:14	15:19	00:05	63.99499893	-94.21833038	63.99499893	-94.23833466	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Moderate	0.5	Strong Wind
Coastal Shipping	Tuvaq W.	17-Aug-22	15:23	15:28	00:05	63.99499893	-94.25333405	63.99333191	-94.26833344	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Moderate	0.5	Strong Wind
Coastal Shipping	Tuvaq W.	24-Aug-22	17:50	17:55	00:05	64.19166565	-95.17166901	64.19166565	-95.14833069	Moving	10	Clear or Partly Cloudy	None	Slight	0.5	Strong Wind
Coastal Shipping	Tuvaq W.	24-Aug-22	18:00	18:05	00:05	64.1866684	-95.14333344	64.18499756	-95.11333466	Moving	10	Clear or Partly Cloudy	None	Slight	0.5	Strong Wind
Coastal Shipping	Tuvaq W.	24-Aug-22	18:15	18:20	00:05	64.18000031	-95.08000183	64.1783371	-95.0633316	Moving	10	Clear or Partly Cloudy	None	Slight	0.5	Strong Wind
Coastal Shipping	Tuvaq W.	24-Aug-22	18:22	18:27	00:05	64.1783371	-95.05999756	64.17500305	-95.03833008	Moving	10	Clear or Partly Cloudy	None	Slight	0.5	Strong Wind

Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Coastal Shipping	Tuvaq W.	24-Aug-22	18:30	18:35	00:05	64.17333221	-95.02333069	64.16999817	-95.00499725	Moving	10	Clear or Partly Cloudy	None	Slight	0.5	Strong Wind
Coastal Shipping	Tuvaq W.	24-Aug-22	18:37	18:42	00:05	64.17166901	-95.00166321	64.16833496	-94.98166656	Moving	10	Clear or Partly Cloudy	None	Slight	0.5	Strong Wind
Desgagnes	Zelada Desgagnes	20-Aug-22	08:40	08:45	00:05	61.17333221	-66.89333344	61.17666626	-66.93666684	Moving	5	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes	Zelada Desgagnes	20-Aug-22	08:47	08:52	00:05	61.17666626	-66.95166779	61.17333221	-67	Moving	5	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes	Zelada Desgagnes	20-Aug-22	08:54	08:59	00:05	61.18166733	-67.01667023	61.18500137	-67.0633316	Moving	5	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes	Zelada Desgagnes	20-Aug-22	09:10	09:15	00:05	61.19333267	-67.14167023	61.19833374	-67.18499756	Moving	5	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes	Zelada Desgagnes	20-Aug-22	09:18	09:23	00:05	61.20166779	-67.20500183	61.20999908	-67.24333191	Moving	5	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes	Zelada Desgagnes	20-Aug-22	09:26	09:31	00:05	61.21333313	-67.26333618	61.22166824	-67.30500031	Moving	5	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes	Zelada Desgagnes	21-Aug-22	09:08	09:13	00:05	62.79166794	-77.95833588	62.79666519	-77.99833679	Moving	5	Cloudy		Rough	2.5	Strong Wind
Desgagnes	Zelada Desgagnes	21-Aug-22	09:15	09:20	00:05	62.79666519	-78.01833344	62.79999924	-78.04666901	Moving	5	Cloudy		Rough	2.5	Strong Wind
Desgagnes	Zelada Desgagnes	21-Aug-22	09:23	09:23	00:00	62.80166626	-78.06833649	62.80500031	-78.07499695	Moving	5	Cloudy		Rough	2.5	Strong Wind
Desgagnes	Zelada Desgagnes	21-Aug-22	09:30	09:35	00:05	62.80666733	-78.11833191	62.80833435	-78.15666962	Moving	5	Cloudy		Rough	2.5	Strong Wind
Desgagnes	Zelada Desgagnes	21-Aug-22	09:36	09:41	00:05	62.80833435	-78.16166687	62.8133316	-78.20666504	Moving	5	Cloudy		Rough	2.5	Strong Wind
Desgagnes	Zelada Desgagnes	21-Aug-22	09:43	09:48	00:05	62.81499863	-78.21499634	62.81666565	-78.25333405	Moving	5	Cloudy		Rough	2.5	Strong Wind
Desgagnes	Zelada Desgagnes	23-Aug-22	19:45	19:50	00:05	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	10	Clear or Partly Cloudy	None	Slight	1	Strong Wind
Desgagnes	Zelada Desgagnes	23-Aug-22	19:51	19:56	00:05	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	10	Clear or Partly Cloudy	None	Slight	1	Strong Wind
Desgagnes	Zelada Desgagnes	23-Aug-22	19:58	20:03	00:05	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	10	Clear or Partly Cloudy	None	Slight	1	Strong Wind
Desgagnes	Zelada Desgagnes	23-Aug-22	20:05	20:10	00:05	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	10	Clear or Partly Cloudy	None	Slight	1	Strong Wind
Desgagnes	Zelada Desgagnes	23-Aug-22	20:11	20:16	00:05	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	10	Clear or Partly Cloudy	None	Slight	1	Strong Wind
Desgagnes	Zelada Desgagnes	23-Aug-22	20:17	20:22	00:05	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	10	Clear or Partly Cloudy	None	Slight	1	Strong Wind
Desgagnes	Zelada Desgagnes	24-Aug-22	18:47	18:53	00:06	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	10	Clear or Partly Cloudy	None	Moderate	1	Strong Wind
Desgagnes	Zelada Desgagnes	24-Aug-22	18:55	19:00	00:05	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	10	Clear or Partly Cloudy	None	Moderate	1	Strong Wind
Desgagnes	Zelada Desgagnes	24-Aug-22	19:03	19:08	00:05	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	10	Clear or Partly Cloudy	None	Moderate	1	Strong Wind
Desgagnes	Zelada Desgagnes	24-Aug-22	19:10	19:15	00:05	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	10	Clear or Partly Cloudy	None	Moderate	1	Strong Wind
Desgagnes	Zelada Desgagnes	24-Aug-22	19:16	19:20	00:04	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	10	Clear or Partly Cloudy	None	Moderate	1	Strong Wind
Desgagnes	Zelada Desgagnes	24-Aug-22	19:22	19:27	00:05	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	10	Clear or Partly Cloudy	None	Moderate	1	Strong Wind
Desgagnes	Zelada Desgagnes	25-Aug-22	20:00	20:05	00:05	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes	Zelada Desgagnes	25-Aug-22	20:06	20:11	00:05	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes	Zelada Desgagnes	25-Aug-22	20:12	20:17	00:05	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes	Zelada Desgagnes	25-Aug-22	20:18	20:23	00:05	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes	Zelada Desgagnes	25-Aug-22	20:24	20:29	00:05	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes	Zelada Desgagnes	25-Aug-22	20:30	20:35	00:05	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes	Zelada Desgagnes	26-Aug-22	20:45	20:50	00:05	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	12	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0	Calm
Desgagnes	Zelada Desgagnes	26-Aug-22	20:53	20:58	00:05	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	12	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0	Calm
Desgagnes	Zelada Desgagnes	26-Aug-22	21:00	21:05	00:05	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	12	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0	Calm
Desgagnes	Zelada Desgagnes	26-Aug-22	21:07	21:12	00:05	63.93999863	-93.61333466	63.93999863	-93.61333466	Stationary	12	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0	Calm
Desgagnes	Zelada Desgagnes	26-Aug-22	21:12	21:18	00:06	63.93999863	-93.61499786	63.93999863	-93.61499786	Stationary	12	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0	Calm
Desgagnes	Zelada Desgagnes	26-Aug-22	21:30	21:35	00:05	63.94166565	-93.62000275	63.94166565	-93.62000275	Stationary	12	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0	Calm
Desgagnes	Zelada Desgagnes	27-Aug-22	19:20	19:25	00:05	63.94166565	-93.62000275	63.94166565	-93.62000275	Stationary	12	Clear or Partly Cloudy	Slight/ Grey	Slight	0.8	Strong Wind
Desgagnes	Zelada Desgagnes	27-Aug-22	19:26	19:31	00:05	63.94166565	-93.62000275	63.94166565	-93.62000275	Stationary	12	Clear or Partly Cloudy	Slight/ Grey	Slight	0.8	Strong Wind
Desgagnes	Zelada Desgagnes	27-Aug-22	19:32	19:37	00:05	63.94166565	-93.62000275	63.94166565	-93.62000275	Stationary	12	Clear or Partly Cloudy	Slight/ Grey	Slight	0.8	Strong Wind
Desgagnes	Zelada Desgagnes	27-Aug-22	19:38	19:43	00:05	63.94166565	-93.62000275	63.94166565	-93.62000275	Stationary	12	Clear or Partly Cloudy	Slight/ Grey	Slight	0.8	Strong Wind
Desgagnes	Zelada Desgagnes	27-Aug-22	19:44	19:49	00:05	63.94166565	-93.62000275	63.94166565	-93.62000275	Stationary	12	Clear or Partly Cloudy	Slight/ Grey	Slight	0.8	Strong Wind
Desgagnes	Zelada Desgagnes	27-Aug-22	19:52	19:57	00:05	63.94166565	-93.62000275	63.94166565	-93.62000275	Stationary	12	Clear or Partly Cloudy	Slight/ Grey	Slight	0.8	Strong Wind
Desgagnes	Zelada Desgagnes	29-Aug-22	19:00	19:05	00:05	63.94166565	-93.62000275	63.94166565	-93.62000275	Stationary	12	Cloudy	None	Wavelets	1	Light Wind
Desgagnes	Zelada Desgagnes	29-Aug-22	19:05	19:15	00:10	63.94166565	-93.62000275	63.94166565	-93.62000275	Stationary	12	Cloudy	None	Wavelets	1	Light Wind
Desgagnes	Zelada Desgagnes	29-Aug-22	19:17	19:22	00:05	63.94166565	-93.62000275	63.94166565	-93.62000275	Stationary	12	Cloudy	None	Wavelets	1	Light Wind
Desgagnes	Zelada Desgagnes	29-Aug-22	19:25	19:30	00:05	63.94166565	-93.62000275	63.94166565	-93.62000275	Stationary	12	Cloudy	None	Wavelets	1	Light Wind
Desgagnes	Zelada Desgagnes	29-Aug-22	19:35	19:40	00:05	63.94166565	-93.62000275	63.94166565	-93.62000275	Stationary	12	Cloudy	None	Wavelets	1	Light Wind

Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Desgagnes	Zelada Desgagnes	29-Aug-22	19:50	19:55	00:05	63.94166565	-93.62000275	63.94166565	-93.62000275	Stationary	12	Cloudy	None	Wavelets	1	Light Wind
Desgagnes	Zelada Desgagnes	01-Sep-22	19:00	19:05	00:05	62.7733345	-92.08999634	62.7733345	-92.08999634	Stationary						
Desgagnes	Zelada Desgagnes	01-Sep-22	19:08	19:13	00:05	62.7733345	-92.08999634	62.7733345	-92.08999634	Stationary						
Desgagnes	Zelada Desgagnes	01-Sep-22	19:15	19:20	00:05	62.75666809	-92.08999634	62.7733345	-92.08999634	Stationary						
Desgagnes	Zelada Desgagnes	01-Sep-22	19:25	19:30	00:05	62.7733345	-92.08999634	62.7733345	-92.08999634	Stationary						
Desgagnes	Zelada Desgagnes	01-Sep-22	19:33	19:38	00:05	62.7733345	-92.08999634	62.7733345	-92.08999634	Stationary						
Desgagnes	Zelada Desgagnes	01-Sep-22	19:40	19:45	00:05	62.7733345	-92.08999634	62.7733345	-92.08999634	Stationary						
Desgagnes	Zelada Desgagnes	02-Sep-22	19:30	19:35	00:05	62.7733345	-92.08999634	62.7733345	-92.08999634	Stationary		Clear or Partly Cloudy	Bright on Observer's Side	Rippled		Calm
Desgagnes	Zelada Desgagnes	02-Sep-22	19:38			62.7733345	-92.08999634	62.7733345	-92.08999634	Stationary		Clear or Partly Cloudy	Bright on Observer's Side	Rippled		Calm
Desgagnes	Zelada Desgagnes	02-Sep-22	19:43	19:48	00:05	62.7733345	-92.08999634	62.7733345	-92.08999634	Stationary		Clear or Partly Cloudy	Bright on Observer's Side	Rippled		Calm
Desgagnes	Zelada Desgagnes	02-Sep-22	19:50	19:55	00:05	62.7733345	-92.08999634	62.7733345	-92.08999634	Stationary		Clear or Partly Cloudy	Bright on Observer's Side	Rippled		Calm
Desgagnes	Zelada Desgagnes	02-Sep-22	20:00	20:05	00:05	62.7733345	-92.08999634	62.7733345	-92.08999634	Stationary		Clear or Partly Cloudy	Bright on Observer's Side	Rippled		Calm
Desgagnes	Zelada Desgagnes	02-Sep-22	20:10	20:15	00:05	62.7733345	-92.08999634	62.7733345	-92.08999634	Stationary		Clear or Partly Cloudy	Bright on Observer's Side	Rippled		Calm
Desgagnes	Zelada Desgagnes	02-Sep-22	19:41	19:46	00:05	62.38166809	-87.29000092	62.36000061	-87.1333313	Moving	10	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes	Zelada Desgagnes	02-Sep-22	19:47	19:52	00:05	62.35666656	-87.11000061	62.35333252	-87.08666992	Moving	10	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes	Zelada Desgagnes	02-Sep-22	19:54	19:59	00:05	62.35333252	-87.08000183	62.33666611	-87.0633316	Moving	10	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes	Zelada Desgagnes	02-Sep-22	20:03	20:08	00:05	62.32500076	-87.05833435	62.30833435	-87.04833221	Moving	10	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes	Zelada Desgagnes	02-Sep-22	20:10	20:15	00:05	62.30333328	-87.01833344	62.29999924	-87.01667023	Moving	10	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes	Zelada Desgagnes	02-Sep-22	20:17	20:22	00:05	62.34666824	-87.03666687	62.3433342	-87.02333069	Moving	10	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes	Zelada Desgagnes	03-Sep-22	18:35	18:40	00:05	62.57500076	-75.48833466	62.57333374	-75.47000122	Moving	10	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes	Zelada Desgagnes	03-Sep-22	18:41	18:46	00:05	62.57333374	-75.47000122	62.57333374	-75.44000244	Moving	10	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes	Zelada Desgagnes	03-Sep-22	18:48	18:53	00:05	62.56999969	-75.4366684	62.57166672	-75.41999817	Moving	10	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes	Zelada Desgagnes	03-Sep-22	18:54	18:59	00:05	62.57166672	-75.41166687	62.57166672	-75.39333344	Moving	10	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes	Zelada Desgagnes	03-Sep-22	19:00	19:05	00:05	62.56999969	-75.38999939	62.56833267	-75.37666321	Moving	10	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes	Zelada Desgagnes	03-Sep-22	19:06	19:11	00:05	62.56999969	-75.37166595	62.56666565	-75.36000061	Moving	10	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes	Zelada Desgagnes	04-Sep-22	19:00	19:05	00:05	60.2733345	-63.65333176	60.26666641	-63.59999847	Moving	10	Clear or Partly Cloudy	None	Wavelets	2	Light Wind
Desgagnes	Zelada Desgagnes	04-Sep-22	19:06	19:11	00:05	60.26666641	-63.59999847	60.26166534	-63.61000061	Moving	10	Clear or Partly Cloudy	None	Wavelets	2	Light Wind
Desgagnes	Zelada Desgagnes	04-Sep-22	19:12	19:17	00:05	60.26166534	-63.61000061	60.25666809	-63.5933342	Moving	10	Clear or Partly Cloudy	None	Wavelets	2	Light Wind
Desgagnes	Zelada Desgagnes	04-Sep-22	19:18	19:23	00:05	60.25666809	-63.5933342	60.24833298	-63.56499863	Moving	10	Clear or Partly Cloudy	None	Wavelets	2	Light Wind
Desgagnes	Zelada Desgagnes	04-Sep-22	19:24	19:29	00:05	60.24833298	-63.56499863	60.24333191	-63.54999924	Moving	10	Clear or Partly Cloudy	None	Wavelets	2	Light Wind
Desgagnes	Zelada Desgagnes	04-Sep-22	19:30	19:35	00:05	60.24333191	-63.54999924	60.23833466	-63.51499939	Moving	10	Clear or Partly Cloudy	None	Wavelets	2	Light Wind
Desgagnes	Nordika Desgagnes	17-Oct-22	10:30	10:35	00:05	61.33000183	-68.04666901	61.33833313	-68.06833649	Moving	15	Cloudy		Wavelets	1	Strong Wind
Desgagnes	Nordika Desgagnes	17-Oct-22	10:35	10:40	00:05	61.33833313	-68.06833649	61.34666824	-68.10666656	Moving	15	Cloudy		Wavelets	1	Strong Wind
Desgagnes	Nordika Desgagnes	17-Oct-22	10:40	10:45	00:05	61.34666824	-68.10666656	61.35499954	-68.13833618	Moving	15	Cloudy		Wavelets	1	Strong Wind
Desgagnes	Nordika Desgagnes	17-Oct-22	10:45	10:50	00:05	61.35499954	-68.13833618	61.36666489	-68.1866684	Moving	15	Cloudy		Wavelets	1	Strong Wind
Desgagnes	Nordika Desgagnes	17-Oct-22	10:50	10:55	00:05	61.36666489	-68.1866684	61.37166595	-68.20500183	Moving	15	Cloudy		Wavelets	1	Strong Wind
Desgagnes	Nordika Desgagnes	17-Oct-22	10:55	11:00	00:05	61.37166595	-68.20500183	61.38000107	-68.23833466	Moving	15	Cloudy		Wavelets	1	Strong Wind
Desgagnes	Nordika Desgagnes	18-Oct-22	10:30	10:35	00:05	62.19833374	-75.72000122	62.19833374	-75.72000122	Stationary	20	Clear or Partly Cloudy	None	Glassy	0	Light Wind
Desgagnes	Nordika Desgagnes	18-Oct-22	10:35	10:40	00:05	62.19833374	-75.72000122	62.19833374	-75.72000122	Stationary	20	Clear or Partly Cloudy	None	Glassy	0	Light Wind
Desgagnes	Nordika Desgagnes	18-Oct-22	10:40	10:45	00:05	62.19833374	-75.72000122	62.19833374	-75.72000122	Stationary	20	Clear or Partly Cloudy	None	Glassy	0	Light Wind
Desgagnes	Nordika Desgagnes	18-Oct-22	10:45	10:50	00:05	62.19833374	-75.72000122	62.19833374	-75.72000122	Stationary	20	Clear or Partly Cloudy	None	Glassy	0	Light Wind
Desgagnes	Nordika Desgagnes	18-Oct-22	10:50	10:55	00:05	62.19833374	-75.72000122	62.19833374	-75.72000122	Stationary	20	Clear or Partly Cloudy	None	Glassy	0	Light Wind
Desgagnes	Nordika Desgagnes	18-Oct-22	10:55	11:00	00:05	62.19833374	-75.72000122	62.19833374	-75.72000122	Stationary	20	Clear or Partly Cloudy	None	Glassy	0	Light Wind
Desgagnes	Nordika Desgagnes	19-Oct-22	10:30	10:35	00:05	62.37166595	-75.62833405	62.38000107	-75.65166473	Moving	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes	Nordika Desgagnes	19-Oct-22	10:35	10:40	00:05	62.38000107	-75.65166473	62.39166641	-75.68166351	Moving	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes	Nordika Desgagnes	19-Oct-22	10:40	10:45	00:05	62.39166641	-75.68166351	62.40000153	-75.70500183	Moving	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes	Nordika Desgagnes	19-Oct-22	10:45	10:50	00:05	62.40000153	-75.70500183	62.41333389	-75.73666382	Moving	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes	Nordika Desgagnes	19-Oct-22	10:50	10:55	00:05	62.41333389	-75.73666382	62.42499924	-75.76499939	Moving	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes	Nordika Desgagnes	19-Oct-22	10:55	11:00	00:05	62.42499924	-75.76499939	62.4366684	-75.79499817	Moving	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind

Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Desgagnes	Nordika Desgagnes	21-Oct-22	10:30	10:35	00:05					Stationary	10	Cloudy	None	Rippled	1	Strong Wind
Desgagnes	Nordika Desgagnes	22-Oct-22	10:30	10:35	00:05	62.75500107	-92.09666443	62.75500107	-92.09666443	Stationary	15	Cloudy	None	Rippled	1	Strong Wind
Desgagnes	Nordika Desgagnes	22-Oct-22	10:35	10:40	00:05	62.75500107	-92.09666443	62.75500107	-92.09666443	Stationary	15	Cloudy	None	Rippled	1	Strong Wind
Desgagnes	Nordika Desgagnes	22-Oct-22	10:40	10:45	00:05	62.75500107	-92.09666443	62.75500107	-92.09666443	Stationary	15	Cloudy	None	Rippled	1	Strong Wind
Desgagnes	Nordika Desgagnes	22-Oct-22	10:45	10:50	00:05	62.75500107	-92.09666443	62.75500107	-92.09666443	Stationary	15	Cloudy	None	Rippled	1	Strong Wind
Desgagnes	Nordika Desgagnes	22-Oct-22	10:50	10:55	00:05	62.75500107	-92.09666443	62.75500107	-92.09666443	Stationary	15	Cloudy	None	Rippled	1	Strong Wind
Desgagnes	Nordika Desgagnes	22-Oct-22	10:55	11:00	00:05	62.75500107	-92.09666443	62.75500107	-92.09666443	Stationary	15	Cloudy	None	Rippled	1	Strong Wind
Desgagnes	Nordika Desgagnes	23-Oct-22	10:30	10:35	00:05					Stationary	15	Cloudy	None	Rippled	1	Strong Wind
Desgagnes	Nordika Desgagnes	09-Nov-22	11:00	11:05	00:05	62.66166687	-80.95166779	62.66500092	-80.91000366	Moving	10	Cloudy	None	Slight	1	Light Wind
Desgagnes	Nordika Desgagnes	09-Nov-22	11:05	11:10	00:05	62.66500092	-80.91000366	62.66500092	-80.86833191	Moving	10	Cloudy	None	Slight	1	Light Wind
Desgagnes	Nordika Desgagnes	09-Nov-22	11:10	11:15	00:05	62.66500092	-80.86833191	62.66500092	-80.82666779	Moving	10	Cloudy	None	Slight	1	Light Wind
Desgagnes	Nordika Desgagnes	09-Nov-22	11:15	11:20	00:05	62.66500092	-80.82666779	62.66500092	-80.78333282	Moving	10	Cloudy	None	Slight	1	Light Wind
Desgagnes	Nordika Desgagnes	09-Nov-22	11:20	11:25	00:05	62.66500092	-80.78333282	62.66666794	-80.7416687	Moving	10	Cloudy	None	Slight	1	Light Wind
Desgagnes	Nordika Desgagnes	09-Nov-22	11:25	11:30	00:05	62.66666794	-80.7416687	62.66500092	-80.69999695	Moving	10	Cloudy	None	Slight	1	Light Wind
Desgagnes	Nordika Desgagnes	10-Nov-22	10:30	10:35	00:05	61.6866684	-69.47833252	61.67833328	-69.44333649	Moving	7	Cloudy	None	Glassy	1	Light Wind
Desgagnes	Nordika Desgagnes	10-Nov-22	10:35	10:40	00:05	61.67833328	-69.44333649	61.66999817	-69.40833282	Moving	7	Cloudy	None	Glassy	1	Light Wind
Desgagnes	Nordika Desgagnes	10-Nov-22	10:40	10:45	00:05	61.66999817	-69.40833282	61.6599985	-69.375	Moving	7	Cloudy	None	Glassy	1	Light Wind
Desgagnes	Nordika Desgagnes	10-Nov-22	10:45	10:50	00:05	61.6599985	-69.375	61.65333176	-69.34666443	Moving	7	Cloudy	None	Glassy	1	Light Wind
Desgagnes	Nordika Desgagnes	10-Nov-22	10:50	10:55	00:05	61.65333176	-69.34666443	61.64166641	-69.3033371	Moving	7	Cloudy	None	Glassy	1	Light Wind
Desgagnes	Nordika Desgagnes	10-Nov-22	10:55	11:00	00:05	61.64166641	-69.3033371	61.63333511	-69.27666473	Moving	7	Cloudy	None	Glassy	1	Light Wind
Desgagnes	Claude A Desgagnes	10-Oct-22	08:05	08:10	00:05	60.7733345	-65.97666931	60.78666687	-66.06999969	Moving	23	Clear or Partly Cloudy	None	Rough	2.5	Light Wind
Desgagnes	Claude A Desgagnes	10-Oct-22	08:30	08:38	00:08	60.80833435	-66.13666534	60.8116684	-66.15666962	Moving	23	Clear or Partly Cloudy	None	Rough	2.5	Light Wind
Desgagnes	Claude A Desgagnes	10-Oct-22	08:42	08:47	00:05	60.81833267	-66.16999817	60.82166672	-66.20166779	Moving	23	Clear or Partly Cloudy	None	Rough	2.5	Light Wind
Desgagnes	Claude A Desgagnes	10-Oct-22	08:50	08:55	00:05	60.82500076	-66.21333313	60.83000183	-66.23999786	Moving	23	Clear or Partly Cloudy	None	Rough	2.5	Light Wind
Desgagnes	Claude A Desgagnes	10-Oct-22	08:56	09:01	00:05	60.83166504	-66.24500275	60.83666611	-66.27166748	Moving	23	Clear or Partly Cloudy	None	Rough	2.5	Light Wind
Desgagnes	Claude A Desgagnes	10-Oct-22	09:02	09:07	00:05	60.84000015	-66.27500153	60.84500122	-66.29833221	Moving	23	Clear or Partly Cloudy	None	Rough	2.5	Light Wind
Desgagnes	Claude A Desgagnes	10-Oct-22	15:25	15:30	00:05	61.35649872	-68.39616394	61.36449814	-68.4260025	Moving		Clear or Partly Cloudy		Wavelets	0.6	Light Wind
Desgagnes	Claude A Desgagnes	10-Oct-22	15:30	15:35	00:05	61.36366653	-68.4260025	61.37283325	-68.46549988	Moving		Clear or Partly Cloudy		Wavelets	0.6	Light Wind
Desgagnes	Claude A Desgagnes	10-Oct-22	15:35	15:41	00:06	61.37283325	-68.46549988	61.37916565	-68.49649811	Moving		Clear or Partly Cloudy		Wavelets	0.6	Light Wind
Desgagnes	Claude A Desgagnes	10-Oct-22	15:41	15:46	00:05	61.37916565	-68.49649811	61.38533401	-68.52566528	Moving		Clear or Partly Cloudy		Wavelets	0.6	Light Wind
Desgagnes	Claude A Desgagnes	10-Oct-22	15:46	15:51	00:05	61.38533401	-68.52566528	61.39133453	-68.5541687	Moving		Clear or Partly Cloudy		Wavelets	0.6	Light Wind
Desgagnes	Claude A Desgagnes	10-Oct-22	15:51	16:00	00:09	61.39133453	-68.5541687	61.40433502	-68.61416626	Moving		Clear or Partly Cloudy		Wavelets	0.6	Light Wind
Desgagnes	Claude A Desgagnes	11-Oct-22	08:15	08:20	00:05	62.54333496	-74.97666931	62.54499817	-75.01499939	Moving	26	Cloudy	None	Rippled	0.15	Calm
Desgagnes	Claude A Desgagnes	11-Oct-22	08:20	08:26	00:06	62.54499817	-75.02166748	62.54666519	-75.05999756	Moving	26	Cloudy	None	Rippled	0.15	Calm
Desgagnes	Claude A Desgagnes	11-Oct-22	08:26	08:31	00:05	62.54666519	-75.0616684	62.54666519	-75.09666443	Moving	26	Cloudy	None	Rippled	0.15	Calm
Desgagnes	Claude A Desgagnes	11-Oct-22	08:32	08:37	00:05	62.54499817	-75.10500336	62.54666519	-75.13500214	Moving	26	Cloudy	None	Rippled	0.15	Calm
Desgagnes	Claude A Desgagnes	11-Oct-22	08:37	08:42	00:05	62.54666519	-75.13666534	62.54833221	-75.16999817	Moving	26	Cloudy	None	Rippled	0.15	Calm
Desgagnes	Claude A Desgagnes	11-Oct-22	08:42	08:47	00:05	62.54833221	-75.17333221	62.54833221	-75.20833588	Moving	26	Cloudy	None	Rippled	0.15	Calm
Desgagnes	Claude A Desgagnes	11-Oct-22	15:20	15:25	00:05	62.41933441	-77.96333313	62.40816498	-77.95433044	Moving		Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes	Claude A Desgagnes	11-Oct-22	15:26	15:31	00:05	62.40816498	-77.95433044	62.39983368	-77.95366669	Moving		Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes	Claude A Desgagnes	11-Oct-22	15:32	15:37	00:05	62.39983368	-77.95366669	62.39699936	-77.95249939	Moving		Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes	Claude A Desgagnes	11-Oct-22	15:38	15:43	00:05	62.39699936	-77.95233154	62.39699936	-77.95233154	Moving		Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes	Claude A Desgagnes	11-Oct-22	15:44	15:49	00:05	62.39699936	-77.95233154	62.3983345	-77.9521637	Moving		Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes	Claude A Desgagnes	11-Oct-22	15:50	15:55	00:05	62.3983345	-77.9521637	62.39816666	-77.95183563	Moving		Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes	Claude A Desgagnes	13-Oct-22	08:11	08:16	00:05	62.39666748	-77.95500183	62.39666748	-77.95500183	Stationary	22	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes	Claude A Desgagnes	13-Oct-22	08:16	08:21	00:05	62.39666748	-77.92166901	62.39666748	-77.92166901	Stationary	22	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes	Claude A Desgagnes	13-Oct-22	08:21	08:26	00:05	62.39666748	-77.92166901	62.39666748	-77.92166901	Stationary	22	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes	Claude A Desgagnes	13-Oct-22	08:26	08:31	00:05	62.39666748	-77.92166901	62.39666748	-77.92166901	Stationary	22	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes	Claude A Desgagnes	13-Oct-22	08:31	08:36	00:05	62.39666748	-77.92166901	62.39666748	-77.92166901	Stationary	22	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind



Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Desgagnes	Claude A Desgagnes	13-Oct-22	08:36	08:41	00:05	62.39666748	-77.92166901	62.39666748	-77.92166901	Stationary	22	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes	Claude A Desgagnes	13-Oct-22	15:58	16:03	00:05	62.88550186	-80.47633362	62.89316559	-80.51916504	Moving	19	Clear or Partly Cloudy	None	Moderate	0.5	Light Wind
Desgagnes	Claude A Desgagnes	13-Oct-22	16:04	16:10	00:06	62.88583374	-80.47666931	62.90316772	-80.58133698	Moving	19	Clear or Partly Cloudy	None	Moderate	0.5	Light Wind
Desgagnes	Claude A Desgagnes	13-Oct-22	16:11	16:16	00:05	62.90483475	-80.57533264	62.91066742	-80.62466431	Moving	19	Clear or Partly Cloudy	None	Moderate	0.5	Light Wind
Desgagnes	Claude A Desgagnes	13-Oct-22	16:17	16:22	00:05	62.91166687	-80.62633514	62.91899872	-80.66500092	Moving	19	Clear or Partly Cloudy	None	Moderate	0.5	Light Wind
Desgagnes	Claude A Desgagnes	13-Oct-22	16:23	16:28	00:05	62.91933441	-80.66516876	62.92716599	-80.71166992	Moving	19	Clear or Partly Cloudy	None	Moderate	0.5	Light Wind
Desgagnes	Claude A Desgagnes	13-Oct-22	16:29	16:34	00:05	62.92750168	-80.71166992	62.93550111	-80.76166534	Moving	19	Clear or Partly Cloudy	None	Moderate	0.5	Light Wind
Desgagnes	Claude A Desgagnes	14-Oct-22	08:07	08:12	00:05	62.77000046	-88.30000305	62.76666641	-88.33666992	Moving	1	Fog	None	Rippled	0.15	Light Wind
Desgagnes	Claude A Desgagnes	14-Oct-22	08:12	08:17	00:05	62.76666641	-88.33666992	62.76333237	-88.37666321	Moving	1	Fog	None	Rippled	0.15	Light Wind
Desgagnes	Claude A Desgagnes	14-Oct-22	08:17	08:22	00:05	62.91333389	-88.37666321	62.76166534	-88.41500092	Moving	1	Fog	None	Rippled	0.15	Light Wind
Desgagnes	Claude A Desgagnes	14-Oct-22	08:22	08:27	00:05	62.76166534	-88.41500092	62.75666809	-88.45833588	Moving	1	Fog	None	Rippled	0.15	Light Wind
Desgagnes	Claude A Desgagnes	14-Oct-22	08:27	08:32	00:05	62.75666809	-88.45833588	62.75500107	-88.49333191	Moving	1	Fog	None	Rippled	0.15	Light Wind
Desgagnes	Claude A Desgagnes	14-Oct-22	08:32	08:37	00:05	62.75333405	-88.49333191	62.75	-88.53166962	Moving	1	Fog	None	Rippled	0.15	Light Wind
Desgagnes	Claude A Desgagnes	14-Oct-22	15:23	15:28	00:05	62.70916748	-91.6269989	62.7159996	-91.66449738	Moving	6	Clear or Partly Cloudy	Slight/ Grey	Very Rough	0.5	Light Wind
Desgagnes	Claude A Desgagnes	14-Oct-22	15:29	15:34	00:05	62.7159996	-91.66449738	62.7234993	-91.70600128	Moving	6	Clear or Partly Cloudy	Slight/ Grey	Very Rough	0.5	Light Wind
Desgagnes	Claude A Desgagnes	14-Oct-22	15:35	15:40	00:05	62.72383499	-91.70616913	62.72483444	-91.75166321	Moving	6	Clear or Partly Cloudy	Slight/ Grey	Very Rough	0.5	Light Wind
Desgagnes	Claude A Desgagnes	14-Oct-22	15:41	15:46	00:05	62.72483444	-91.7519989	62.72566605	-91.79933167	Moving	6	Clear or Partly Cloudy	Slight/ Grey	Very Rough	0.5	Light Wind
Desgagnes	Claude A Desgagnes	14-Oct-22	15:47	15:52	00:05	62.72566605	-91.79933167	62.72700119		Moving	6	Clear or Partly Cloudy	Slight/ Grey	Very Rough	0.5	Light Wind
Desgagnes	Claude A Desgagnes	14-Oct-22	15:53	15:58	00:05	62.72700119		62.72800064	-91.88600159	Moving	6	Clear or Partly Cloudy	Slight/ Grey	Very Rough	0.5	Light Wind
Desgagnes	Claude A Desgagnes	27-Oct-22	15:56	16:01	00:05	63.44133377	-89.09283447	63.45616531	-89.06083679	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Very Rough	0.8	Strong Wind
Desgagnes	Claude A Desgagnes	27-Oct-22	16:02	16:07	00:05	63.45849991	-89.05549622	63.46966553	-89.02983093	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Very Rough	0.8	Strong Wind
Desgagnes	Claude A Desgagnes	27-Oct-22	16:08	16:13	00:05	63.47050095	-89.02783203	63.48600006	-88.99266815	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Very Rough	0.8	Strong Wind
Desgagnes	Claude A Desgagnes	27-Oct-22	16:14	16:19	00:05	63.48716736	-88.99033356	63.50266647	-88.95449829	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Very Rough	0.8	Strong Wind
Desgagnes	Claude A Desgagnes	27-Oct-22	16:20	16:25	00:05	63.50350189	-88.9521637	63.52149963	-88.91183472	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Very Rough	0.8	Strong Wind
Desgagnes	Claude A Desgagnes	27-Oct-22	16:26	16:31	00:05	63.52216721	-88.91016388	63.534832	-88.88200378	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Very Rough	0.8	Strong Wind
Desgagnes	Acadia Desgagnes	20-Aug-22	18:35	18:40	00:05	62.42316818	-66.09600067	62.4375	-66.12316895	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	20-Aug-22	18:45	18:50	00:05	62.44916534	-66.14600372	62.46166611	-66.17016602	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	20-Aug-22	18:55	19:00	00:05	62.47516632	-66.19599915	62.48616791	-66.21516418	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	20-Aug-22	19:05	19:10	00:05	62.49900055	-66.23883057	62.50966644	-66.25800323	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	20-Aug-22	19:12	19:17	00:05	62.51699829	-66.27166748	62.52516556	-66.28766632	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	20-Aug-22	19:18	19:23	00:05	62.53016663	-66.29699707	62.54266739	-66.32250214	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	20-Aug-22	13:05	13:10	00:05	61.83916855	-66.76933289	61.83383179	-66.6989975	Moving	20	Cloudy	Slight/ Grey	Rippled	0	Light Wind
Desgagnes	Acadia Desgagnes	20-Aug-22	13:15	13:20	00:05	61.83050156	-66.6989975	61.82550049	-66.66200256	Moving	20	Cloudy	Slight/ Grey	Rippled	0	Light Wind
Desgagnes	Acadia Desgagnes	20-Aug-22	13:25	13:30	00:05	61.82166672	-66.6333313	61.8168335	-66.59933472	Moving	20	Cloudy	Slight/ Grey	Rippled	0	Light Wind
Desgagnes	Acadia Desgagnes	20-Aug-22	13:35	13:40	00:05	61.8125	-66.5656662	61.80849838	-66.53083038	Moving	20	Cloudy	Slight/ Grey	Rippled	0	Light Wind
Desgagnes	Acadia Desgagnes	20-Aug-22	13:45	13:50	00:05	61.80516815	-66.49900055	61.80099869	-66.45950317	Moving	20	Cloudy	Slight/ Grey	Rippled	0	Light Wind
Desgagnes	Acadia Desgagnes	20-Aug-22	13:55	14:00	00:05	61.79766846	-66.4280014	61.79466629	-66.39616394	Moving	20	Cloudy	Slight/ Grey	Rippled	0	Light Wind
Desgagnes	Acadia Desgagnes	20-Aug-22	08:30	08:35	00:05	62.03649902	-68.60666656	62.03266525	-68.56950378	Moving	27	Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	20-Aug-22	08:40	08:45	00:05	62.02949905	-68.53666687	62.0253334	-68.49633026	Moving	27	Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	20-Aug-22	08:50	08:55	00:05	62.02216721	-68.46199799	62.01766586	-68.42433167	Moving	27	Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	20-Aug-22	09:00	09:05	00:05	62.01366806	-68.39266968	62.00833511	-68.35333252	Moving	27	Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	20-Aug-22	09:10	09:15	00:05	62.00450134	-68.32233429	61.99850082	-68.27649689	Moving	27	Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	20-Aug-22	09:20	09:25	00:05	61.99333191	-68.25166321	61.98983383	-68.20333099	Moving	27	Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	19-Aug-22	17:55	18:00	00:05	62.52866745	-74.71916962	62.52733231	-74.69216919	Moving	0	Fog	None	Rippled	1	Calm
Desgagnes	Acadia Desgagnes	19-Aug-22	18:00	18:05	00:05	62.52716827	-74.68966675	62.52550125	-74.65783691	Moving	0	Fog	None	Rippled	1	Calm
Desgagnes	Acadia Desgagnes	19-Aug-22	18:05	18:10	00:05	62.52533334	-74.65550232	62.52383423	-74.6258316	Moving	0	Fog	None	Rippled	1	Calm
Desgagnes	Acadia Desgagnes	19-Aug-22	18:10	18:15	00:05	62.52366638	-74.62133026	62.52216721	-74.58816528	Moving	0	Fog	None	Rippled	1	Calm
Desgagnes	Acadia Desgagnes	19-Aug-22	18:15	18:20	00:05	62.52216721	-74.58633423	62.52083206	-74.55483246	Moving	0	Fog	None	Rippled	1	Calm
Desgagnes	Acadia Desgagnes	19-Aug-22	18:20	18:25	00:05	62.52066803	-74.55283356	62.51933289	-74.52133179	Moving	0	Fog	None	Rippled	1	Calm

Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Desgagnes	Acadia Desgagnes	19-Aug-22	13:10	13:15	00:05	62.63150024	-76.78583527	62.62916565	-76.742836	Moving	10	Fog	Slight/ Grey	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	19-Aug-22	13:20	13:25	00:05	62.62749863	-76.70649719	62.62516785	-76.66149902	Moving	10	Fog	Slight/ Grey	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	19-Aug-22	13:30	13:35	00:05	62.62350082	-76.62516785	62.62166595	-76.58233643	Moving	10	Fog	Slight/ Grey	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	19-Aug-22	13:40	13:45	00:05	62.61949921	-76.5446701	62.61716843	-76.5	Moving	10	Fog	Slight/ Grey	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	19-Aug-22	13:50	13:55	00:05	62.6155014	-76.46749878	62.61316681	-76.42216492	Moving	10	Fog	Slight/ Grey	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	19-Aug-22	14:00	14:05	00:05	62.61183167	-76.39366913	62.60950089	-76.34967041	Moving	10	Fog	Slight/ Grey	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	19-Aug-22	08:20	08:25	00:05	62.63499832	-79.04683685	62.63583374	-79.0063324	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	1	Light Wind
Desgagnes	Acadia Desgagnes	19-Aug-22	08:30	08:35	00:05	62.63633347	-78.97983551	62.63733292	-78.93699646	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	1	Light Wind
Desgagnes	Acadia Desgagnes	19-Aug-22	08:40	08:45	00:05	62.63800049	-78.91116333	62.63983154	-78.867836	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	1	Light Wind
Desgagnes	Acadia Desgagnes	19-Aug-22	08:50	08:55	00:05	62.64099884	-78.84216309	62.64333344	-78.79850006	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	1	Light Wind
Desgagnes	Acadia Desgagnes	19-Aug-22	09:00	09:05	00:05	62.64416504	-78.78216553	62.64716721	-78.73266602	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	1	Light Wind
Desgagnes	Acadia Desgagnes	19-Aug-22	09:10	09:15	00:05	62.64883423	-78.70716858	62.65033334	-78.67133331	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	1	Light Wind
Desgagnes	Acadia Desgagnes	18-Aug-22	08:25	08:30	00:05	62.03733444	-83.68000031	62.03316498	-83.65399933	Moving	20	Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	18-Aug-22	08:30	08:35	00:05	62.0328331	-83.65216827	62.02750015	-83.62133026	Moving	20	Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	18-Aug-22	08:35	08:40	00:05	62.02733231	-83.61966705	62.02249908	-83.59200287	Moving	20	Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	18-Aug-22	08:40	08:45	00:05	62.02216721	-83.58999634	62.01750183	-83.56233215	Moving	20	Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	18-Aug-22	08:45	08:50	00:05		-83.55549622		-83.53050232	Moving	20	Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	18-Aug-22	08:50	08:55	00:05		-83.52833557		-83.4960022	Moving	20	Cloudy	Slight/ Grey	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	18-Aug-22	13:10	13:15	00:05	62.56266785	-86.4478302	62.55633163	-86.41466522	Moving	15	Cloudy	None	Moderate	1	Light Wind
Desgagnes	Acadia Desgagnes	18-Aug-22	13:20	13:25	00:05	62.55066681	-86.3853302	62.54383469	-86.34883118	Moving	15	Cloudy	None	Moderate	1	Light Wind
Desgagnes	Acadia Desgagnes	18-Aug-22	13:30	13:35	00:05	62.53766632	-86.3156662	62.5304985	-86.27783203	Moving	15	Cloudy	None	Moderate	1	Light Wind
Desgagnes	Acadia Desgagnes	18-Aug-22	13:40	13:45	00:05	62.52383423	-86.24216461	62.51766586	-86.20933533	Moving	15	Cloudy	None	Moderate	1	Light Wind
Desgagnes	Acadia Desgagnes	18-Aug-22	13:50	13:55	00:05	62.51016617	-86.17066956	62.50400162	-86.13899994	Moving	15	Cloudy	None	Moderate	1	Light Wind
Desgagnes	Acadia Desgagnes	18-Aug-22	14:00	14:05	00:05	62.49766541	-86.10433197	62.49150085	-86.07316589	Moving	15	Cloudy	None	Moderate	1	Light Wind
Desgagnes	Acadia Desgagnes	18-Aug-22	08:10	08:15	00:05	62.93816757	-88.45417023	62.93099976	-88.41583252	Moving	10	Fog	None	Wavelets	1	
Desgagnes	Acadia Desgagnes	18-Aug-22	08:20	08:25	00:05	62.92583466	-88.38866425	62.91783524	-88.34649658	Moving	10	Fog	None	Wavelets	1	
Desgagnes	Acadia Desgagnes	18-Aug-22	08:30	08:35	00:05	62.91466522		62.90816498	-88.29416656	Moving	10	Fog	None	Wavelets	1	
Desgagnes	Acadia Desgagnes	18-Aug-22	08:40	08:45	00:05	62.90183258	-88.25983429	62.89599991	-88.22816467	Moving	10	Fog	None	Wavelets	1	
Desgagnes	Acadia Desgagnes	18-Aug-22	08:50	08:55	00:05	62.88983154	-88.1934967	62.88366699	-88.15866852	Moving	10	Fog	None	Wavelets	1	
Desgagnes	Acadia Desgagnes	18-Aug-22	09:00	09:05	00:05	62.87733459	-88.12333679	62.87216568	-88.09400177	Moving	10	Fog	None	Wavelets	1	
Desgagnes	Acadia Desgagnes	14-Aug-22	13:05	13:10	00:05	63.87916565	-92.87316895	63.88116837	-92.90766907	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Desgagnes	Acadia Desgagnes	14-Aug-22	13:13	13:18	00:05	63.88499832	-92.91816711	63.89216614	-92.9375	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Desgagnes	Acadia Desgagnes	14-Aug-22	13:20	13:25	00:05	63.8951683	-92.94233704	63.9070015	-92.95500183	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Desgagnes	Acadia Desgagnes	14-Aug-22	13:30	13:35	00:05	63.91500092	-92.96666718	63.91666794	-92.99633026	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Desgagnes	Acadia Desgagnes	14-Aug-22	13:40	13:45	00:05	63.91466522	-93	63.91166687	-93.03966522	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Desgagnes	Acadia Desgagnes	14-Aug-22	13:45	13:50	00:05	63.91133499	-93.04149628	63.91133499	-93.06500244	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Calm
Desgagnes	Acadia Desgagnes	14-Aug-22	08:04	08:09	00:05	63.57733154	-91.08316803	63.58549881	-91.11450195	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Light Wind
Desgagnes	Acadia Desgagnes	14-Aug-22	08:10	08:15	00:05	63.58566666	-91.11799622	63.58816528	-91.15916443	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Light Wind
Desgagnes	Acadia Desgagnes	14-Aug-22	08:22	08:27	00:05	63.59183502	-91.22750092	63.5933342	-91.26183319	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Light Wind
Desgagnes	Acadia Desgagnes	14-Aug-22	08:35	08:40	00:05	63.60649872	-91.3113327	63.61633301	-91.34483337	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Light Wind
Desgagnes	Acadia Desgagnes	14-Aug-22	08:48	08:53	00:05	63.63033295	-91.40816498	63.63499832	-91.44400024	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Light Wind
Desgagnes	Acadia Desgagnes	14-Aug-22	08:55	09:00	00:05	63.63516617	-91.45966339	63.63000107	-91.50800323	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Light Wind
Desgagnes	Acadia Desgagnes	10-Aug-22	08:00	08:05	00:05	62.3706665	-87.86383057	62.3741684	-87.90750122	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	10-Aug-22	08:07	08:12	00:05	62.37466812	-87.91316986	62.37733459	-87.94716644	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	10-Aug-22	08:14	08:19	00:05	62.37866592	-87.96216583	62.38150024	-87.99816895	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	10-Aug-22	08:20	08:25	00:05	62.38199997	-88.00250244	62.38499832	-88.03866577	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	10-Aug-22	08:27	08:32	00:05	62.38616562	-88.05117035	62.38916779	-88.08633423	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	10-Aug-22	08:33	08:38	00:05	62.38983154	-88.09300232	62.39300156	-88.12866974	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	09-Aug-22	18:18	18:23	00:05	62.15516663	-82.51516724	62.14883423	-82.5565033	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind

Appendix E: Seabird Survey Data, 2022

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
Desgagnes	Acadia Desgagnes	09-Aug-22	18:25	18:30	00:05	62.14766693	-82.56300354	62.14183426	-82.59916687	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	09-Aug-22	18:32	18:37	00:05	62.13999939	-82.61016846	62.13383484	-82.64949799	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	09-Aug-22	18:38	18:43	00:05	62.13333511	-82.65200043	62.12799835	-82.68733215	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	09-Aug-22	18:45	18:50	00:05	62.1261673	-82.69833374	62.1206665	-82.73483276	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	09-Aug-22	18:55	19:00	00:05	62.11616516	-82.76366425	62.10983276	-82.80466461	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	09-Aug-22	13:10	13:18	00:08	62.49549866	-80.4478302	62.49216843	-80.51650238	Moving	27	Clear or Partly Cloudy		Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	09-Aug-22	13:20	13:25	00:05	62.49200058	-80.52100372	62.48866653	-80.58850098	Moving	27	Clear or Partly Cloudy		Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	09-Aug-22	13:33	13:38	00:05	62.48733521	-80.61416626	62.48550034	-80.65666962	Moving	27	Clear or Partly Cloudy		Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	09-Aug-22	13:40	13:45	00:05	62.48483276	-80.67033386	62.48316574	-80.70850372	Moving	27	Clear or Partly Cloudy		Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	09-Aug-22	13:50	13:55	00:05	62.48183441	-80.742836	62.48016739	-80.78433228	Moving	27	Clear or Partly Cloudy		Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	09-Aug-22	14:00	14:05	00:05	62.47883224	-80.81950378	62.47700119	-80.8603363	Moving	27	Clear or Partly Cloudy		Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	09-Aug-22	08:00	08:05	00:05	62.64816666	-78.37550354	62.64599991	-78.42933655	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	09-Aug-22	08:10	08:15	00:05	62.6451683	-78.45333099	62.64366531	-78.4988327	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	09-Aug-22	08:21	08:26	00:05	62.64300156	-78.53166962	62.64216614	-78.57616425	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	09-Aug-22	08:32	08:38	00:06	62.64116669	-78.625	62.64049911	-78.67033386	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	09-Aug-22	08:45	08:50	00:05	62.63983154	-78.71282959	62.63916779	-78.7603302	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	09-Aug-22	08:55	09:00	00:05	62.63883209	-78.79116821	62.63833237	-78.83383179	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes	Acadia Desgagnes	08-Aug-22	17:50	18:00	00:10	62.4280014	-72.34816742	62.43333435	-72.39233398	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	1	
Desgagnes	Acadia Desgagnes	08-Aug-22	18:05	18:10	00:05	62.43966675	-72.4438324	62.44433212	-72.48500061	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	1	
Desgagnes	Acadia Desgagnes	08-Aug-22	18:15	18:20	00:05	62.44783401	-72.5134964	62.45366669	-72.56616974	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	1	
Desgagnes	Acadia Desgagnes	08-Aug-22	18:25	18:30	00:05	62.45583344	-72.58399963	62.46049881	-72.62599945	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	1	
Desgagnes	Acadia Desgagnes	08-Aug-22	18:32	18:37	00:05	62.46166611	-72.63566589	62.46666718	-72.6791687	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	1	
Desgagnes	Acadia Desgagnes	08-Aug-22	18:39	18:44	00:05	62.4679985	-72.68933105	62.47299957	-72.73100281	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	1	
Desgagnes	Acadia Desgagnes	08-Aug-22	13:15	13:20	00:05	62.20533371	-70.44017029	62.21033478	-70.47816467	Moving	18	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	1	Light Wind
Desgagnes	Acadia Desgagnes	08-Aug-22	13:25	13:30	00:05	62.2140007	-70.50866699	62.21816635	-70.54666901	Moving	18	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	1	Light Wind
Desgagnes	Acadia Desgagnes	08-Aug-22	13:35	13:40	00:05	62.22083282	-70.57366943	62.22449875	-70.61083221	Moving	18	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	1	Light Wind
Desgagnes	Acadia Desgagnes	08-Aug-22	13:45	13:50	00:05	62.22766495	-70.63950348	62.23133469	-70.67617035	Moving	18	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	1	Light Wind
Desgagnes	Acadia Desgagnes	08-Aug-22	13:55	14:00	00:05	62.23416519		62.23733521	-70.76499939	Moving	18	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	1	Light Wind
Desgagnes	Acadia Desgagnes	08-Aug-22	14:05	14:10	00:05	62.23799896	-70.78083038	62.24183273	-70.82150269	Moving	18	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	1	Light Wind
Desgagnes	Acadia Desgagnes	13-Aug-22	13:30	13:35	00:05	62.6344986	-91.16483307	62.62900162	-91.07533264	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	13-Aug-22	13:36	13:41	00:05	62.62850189	-91.12216949	62.6238327	-91.08633423	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	13-Aug-22	13:44	13:49	00:05	62.62216568	-91.07433319	62.61583328	-91.02950287	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	13-Aug-22	13:52	13:57	00:05	62.61383438	-91.01316833	62.61783218	-90.96716309	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	13-Aug-22	14:00	14:05	00:05	62.62099838	-90.95400238	62.62666702	-90.92449951	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	13-Aug-22	14:08	14:13	00:05	62.63033295	-90.90666962	62.63883209	-90.8646698	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes	Acadia Desgagnes	10-Aug-22	13:04	13:09	00:05	62.56666565	-90.01750183	62.56866837	-90.05683136	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	
Desgagnes	Acadia Desgagnes	10-Aug-22	13:15	13:20	00:05	62.57049942	-90.09583282	62.57216644	-90.13366699	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	
Desgagnes	Acadia Desgagnes	10-Aug-22	13:22	13:27	00:05	62.57283401	-90.14666748	62.57450104	-90.1866684	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	
Desgagnes	Acadia Desgagnes	10-Aug-22	13:29	13:34	00:05	62.57500076	-90.19882965	62.57666779	-90.23816681	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	
Desgagnes	Acadia Desgagnes	10-Aug-22	13:37	13:42	00:05	62.57749939	-90.25499725	62.57933426	-90.29266357	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	
Desgagnes	Acadia Desgagnes	10-Aug-22	13:44	13:49	00:05	62.57983398	-90.30500031	62.58150101	-90.34133148	Moving	30	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	
Desgagnes	Acadia Desgagnes	08-Aug-22	08:30	08:35	00:05	61.97133255	-68.59666443	61.97650146	-68.63749695	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes	Acadia Desgagnes	08-Aug-22	08:40	08:45	00:05	61.9798317	-68.66416931	61.98516846	-68.70716858	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes	Acadia Desgagnes	08-Aug-22	08:49	08:54	00:05	61.98683167	-68.72166443	61.99150085	-68.75866699	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes	Acadia Desgagnes	08-Aug-22	09:00	09:05	00:05	61.99533463	-68.78983307	62.00016785	-68.82866669	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes	Acadia Desgagnes	08-Aug-22	09:10	09:15	00:05	62.00383377	-68.95766449	62.00833511	-68.89399719	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes	Acadia Desgagnes	08-Aug-22	09:20	09:25	00:05	62.01233292	-68.92449951	62.01649857	-68.95716858	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Light Wind
	Tuvaq W.	26-Oct-22	14:44	14:49	00:05	64.1783371	-95.06500244	64.18166351	-95.09833527	Moving		Cloudy	Slight/ Grey	Wavelets	0.5	
	Tuvaq W.	26-Oct-22	14:50	14:55	00:05	64.18166351	-95.09833527	64.18499756	-95.13500214	Moving		Cloudy	Slight/ Grey	Wavelets	0.5	

**Appendix E: Seabird Survey Data, 2022**

Company/ Agency	Platform Name	Date	Time at Start	Time at End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Platform Activity	Visibility (km)	Weather	Glare Conditions	Sea State Code	Wave Height (m)	Wind Speed (Beaufort)
	Tuvaq W.	26-Oct-22	15:01	15:06	00:05	64.19166565	-95.18333435	64.19499969	-95.21166992	Moving		Cloudy	Slight/ Grey	Wavelets	0.5	
	Tuvaq W.	26-Oct-22	11:20	11:25	00:05	63.98666763	-94.11166382	63.99000168	-94.13833618	Moving	10	Cloudy	None	Wavelets	0.5	Light Wind
	Tuvaq W.	26-Oct-22	11:27	11:32	00:05	63.99000168	-94.15666962	63.99166489	-94.17166901	Moving	10	Cloudy	None	Wavelets	0.5	Light Wind
	Tuvaq W.	26-Oct-22	11:33	11:38	00:05	63.99166489	-94.17666626	63.99333191	-94.1866684	Moving	10	Cloudy	None	Wavelets	0.5	Light Wind
	Tuvaq W.	26-Oct-22	11:39	11:44	00:05	63.99499893	-94.1966629	63.99499893	-94.20833588	Moving	10	Cloudy	None	Wavelets	0.5	Light Wind
	Tuvaq W.	26-Oct-22	11:45	11:50	00:05	63.99499893	-94.21499634	63.99499893	-94.23000336	Moving	10	Cloudy	None	Wavelets	0.5	Light Wind
	Tuvaq W.	26-Oct-22	11:51	11:56	00:05	63.99499893	-94.23666382	63.99333191	-94.24833679	Moving	10	Cloudy	None	Wavelets	0.5	Light Wind
	Tuvaq W.	21-Oct-22	13:13	13:22	00:09	63.41999817	-89.13166809	63.4109993	-89.18566895	Moving	10	Cloudy	None	Rough	2	Strong Wind
	Tuvaq W.	21-Oct-22	15:09	15:20	00:11	63.27833176	-89.92500305	63.26666641	-90.00333405	Moving	10	Cloudy	None	Rough	2	Strong Wind



Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Kitikmeot W.	06-Jul-22	11:30	11:35	60.75	-60.7999924	60.7666641	-64.67166901	315	9	279	Starboard	1.8	Indoors	Yes
Kitikmeot W.	06-Jul-22	11:37	11:42	60.7700046	-64.69166565	60.7733345	-64.73000336	315	9	279	Starboard	1.8	Indoors	Yes
Kitikmeot W.	06-Jul-22	11:44	11:49	60.77500153	-64.74333191	60.77833176	-64.77999878	315	9	279	Starboard	1.8	Indoors	Yes
Kitikmeot W.	06-Jul-22	11:50	11:55	60.77833176	-64.78666687	60.7816658	-64.81833649	315	9	279	Starboard	1.8	Indoors	Yes
Kitikmeot W.	06-Jul-22	11:55	12:00	60.7816658	-64.81833649	60.77500153	-64.84833527	315	9	279	Starboard	1.8	Indoors	Yes
Kitikmeot W.	06-Jul-22	12:01	12:06	60.77500153	-64.85500336	60.76833344	-64.88500214	315	9	279	Starboard	1.8	Indoors	Yes
Kitikmeot W.	06-Jul-22	17:58	18:03	60.42333221	-66.32333374	60.42833328	-66.34833527	180	10	288	Port	8	Indoors	Yes
Kitikmeot W.	06-Jul-22	18:05	18:10	60.43000031	-66.36166382	60.43500137	-66.38666534	180	10	288	Port	8	Indoors	Yes
Kitikmeot W.	06-Jul-22	18:13	18:18	60.4383316	-66.40000153	60.44499969	-66.42500305	180	10	288	Port	8	Indoors	Yes
Kitikmeot W.	06-Jul-22	18:20	18:25	60.44833374	-66.43499756	60.45333481	-66.46166992	180	10	288	Port	8	Indoors	Yes
Kitikmeot W.	06-Jul-22	18:28	18:33	60.45500183	-66.47499847	60.45833206	-66.49666595	180	10	288	Port	8	Indoors	Yes
Kitikmeot W.	06-Jul-22	18:37	18:42	60.46166611	-66.51166534	60.46500015	-66.52999878	180	10	288	Port	8	Indoors	Yes
Kitikmeot W.	07-Jul-22	08:30	08:30	61.91833496	-70.90333557	61.85666656	-70.92333221	345	10.5	308	Starboard	1.8	Indoors	Yes
Kitikmeot W.	07-Jul-22	08:35	08:37	61.92666626	-70.9466629	60.93500137	-70.96833038	345	10.5	308	Starboard	1.8	Indoors	Yes
Kitikmeot W.	07-Jul-22	08:37		60.94666672	-70.98000336	61.93500137	-70.95166779	345	10.5	308	Starboard	1.8	Indoors	Yes
Kitikmeot W.	07-Jul-22	08:40	08:40	61.86999893	-70.97166443	61.88000107	-70.98332977	345	10.5	308	Starboard	1.8	Indoors	Yes
Kitikmeot W.	07-Jul-22	08:40	08:42	61.86666489	-70.98000336	61.88000107	-70.98666382	345	10.5	308	Starboard	1.8	Indoors	Yes
Kitikmeot W.	07-Jul-22	08:45	08:46	61.88999939	-70.0083313	61.88999939	-70.0083313	345	10.5	308	Starboard	1.8	Indoors	Yes
Kitikmeot W.	07-Jul-22	14:20	14:25	62.46333313	-72.79000092	62.47166824	-72.81500244	135	11	306	Port	8	Indoors	Yes
Kitikmeot W.	07-Jul-22	14:29	14:34	62.47833252	-72.83999634	62.48666763	-72.86333466	135	11	306	Port	8	Indoors	Yes
Kitikmeot W.	07-Jul-22	14:38	14:43	62.49333191	-72.8833313	62.50166702	-72.91333008	135	11	306	Port	8	Indoors	Yes
Kitikmeot W.	07-Jul-22	14:48	14:53	62.51333237	-72.9466629	62.52166748	-72.97333527	135	11	306	Port	8	Indoors	Yes
Kitikmeot W.	07-Jul-22	14:55	15:00	62.52500153	-72.98332977	62.53499985	-73.01499939	135	11	306	Port	8	Indoors	Yes
Kitikmeot W.	07-Jul-22	15:02	15:07	62.53833389	-73.02500153	62.54999924	-73.05500031	135	11	306	Port	8	Indoors	Yes
Kitikmeot W.	07-Jul-22	21:00	21:05	62.63666534	-70.50499725	62.79166794	-75.60333252		11	270	Bow	1.8	Indoors	Yes
Kitikmeot W.	07-Jul-22	21:15	21:20	62.80333328	-75.65666962	62.80333328	-75.67500305		11	270	Bow	1.8	Indoors	Yes
Kitikmeot W.	07-Jul-22	21:22	21:27	62.80333328	-75.73500061	62.80833435	-75.75333405		11	270	Bow	1.8	Indoors	Yes
Kitikmeot W.	07-Jul-22	21:37	21:42	62.80333328	-75.70500183	62.79999924	-77.91999817		11	270	Bow	1.8	Indoors	Yes
Kitikmeot W.	07-Jul-22	22:05	21:10	52.80666733	-75.97166443	62.79666519	-76.02166748		11	270	Bow	1.8	Indoors	Yes
Kitikmeot W.	07-Jul-22	21:12	21:17	62.80500031	-76.05500031	62.77166748	-76.10182953		11	270	Bow	1.8	Indoors	Yes
Kitikmeot W.	08-Jul-22	05:20	05:25	62.66666794	-79	62.65999985	-79.04499817	230	12	250	Starboard	10	Indoors	No
Kitikmeot W.	08-Jul-22	05:30	05:35	62.65333176	-79.06833649	62.6483345	-79.11333466	230	12	250	Starboard	10	Indoors	Yes
Kitikmeot W.	08-Jul-22	05:40	05:45	62.64166641	-79.15000153	62.63666534	-79.18166351	230	12	250	Starboard	10	Indoors	Yes
Kitikmeot W.	08-Jul-22	05:50	05:55	62.63000107	-79.22499847	62.62333298	-79.26333618	230	12	250	Starboard	10	Indoors	Yes
Kitikmeot W.	08-Jul-22	06:00	06:05	62.61833191	-79.29333496	62.61333466	-79.32499695	230	12	250	Starboard	10	Indoors	Yes
Kitikmeot W.	08-Jul-22	06:15	06:20	62.60333252	-79.38666534	62.59666824	-79.42666626	230	12	250	Starboard	10	Indoors	Yes
Kitikmeot W.	08-Jul-22	13:55	14:00	62.02666855	-82.38166809	62.02166748	-82.41000366	270	11.9	248	Port	10	Indoors	Yes
Kitikmeot W.	08-Jul-22	14:02	14:07	62.01833344	-82.42500305	62.01333237	-82.45833588	270	11.9	248	Port	10	Indoors	Yes
Kitikmeot W.	08-Jul-22	14:10	14:15	62.00999832	-82.47499847	62.00333405	-82.5083313	270	11.9	248	Port	10	Indoors	No
Kitikmeot W.	08-Jul-22	14:17	14:22	62.00166702	-82.52166748	61.99666595	-82.55166626	270	11.9	248	Port	10	Indoors	Yes
Kitikmeot W.	08-Jul-22	14:25	14:30	61.99166489	-82.57333374	61.98666763	-82.60666656	270	11.9	248	Port	10	Indoors	No
Kitikmeot W.	08-Jul-22	14:32	14:37	61.98333359	-82.61833191	61.97833252	-82.64833069	270	11.9	248	Port	10	Indoors	Yes
Kitikmeot W.	09-Jul-22	09:00	09:05	62.54000092	-90.27666473	62.54333496	-90.3033371	0	12.2	283	Starboard	10	Indoors	No
Kitikmeot W.	09-Jul-22	09:10	09:15	62.54666519	-90.33666992	62.55166626	-90.375	0	12.2	283	Starboard	10	Indoors	Yes
Kitikmeot W.	09-Jul-22	09:18	09:23	62.55333328	-90.39333344	62.55833435	-90.4283371	0	12.2	283	Starboard	10	Indoors	No
Kitikmeot W.	09-Jul-22	09:27	09:32	62.56000137	-90.45166779	62.56499863	-90.49333191	0	12.2	283	Starboard	10	Indoors	Yes
Kitikmeot W.	09-Jul-22	09:34	09:39	62.56499863	-90.50499725	62.56833267	-90.54166412	0	12.2	283	Starboard	10	Indoors	No
Kitikmeot W.	09-Jul-22	09:42	09:47	62.57166672	-90.55833435	62.57500076	-90.59833527	0	12.2	283	Starboard	10	Indoors	Yes
Kitikmeot W.	09-Jul-22	13:23	13:28	62.69666672	-91.61333466	62.70000076	-91.63500214	90	7.5	284	Port	10	Indoors	No

Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Kitikmeot W.	09-Jul-22	13:31	13:36	62.70166779	-91.65000153	62.70500183	-91.66833496	90	7.5	284	Port	10	Indoors	Yes
Kitikmeot W.	09-Jul-22	13:39	13:44	62.70500183	-91.81500244	62.70833206	-91.70666504	90	7.5	284	Port	10	Indoors	No
Kitikmeot W.	09-Jul-22	13:50	13:55	62.71166611	-91.74333191	62.71500015	-91.75166321	90	7.5	284	Port	10	Indoors	No
Kitikmeot W.	09-Jul-22	13:58	14:03	62.71666718	-91.76667023	62.72000122	-91.79000092	90	7.5	284	Port	10	Indoors	Yes
Kitikmeot W.	09-Jul-22	14:05	14:10	62.72166824	-91.79666901	62.72499847	-91.82333374	90	7.5	284	Port	10	Indoors	No
Kitikmeot W.	09-Jul-22	18:00		62.8133316	-92.05500031	62.8133316	-92.05500031	90	0	74	Starboard	10	Indoors	Yes
Kitikmeot W.	10-Jul-22	10:30		62.81499863	-92.05500031	62.81499863	-92.05500031	115	0	74	Port	10	Indoors	Yes
Kitikmeot W.	10-Jul-22	13:10		62.8133316	-92.05500031	62.8133316	-92.05500031	128	0	78	Port	10	Indoors	Yes
Kitikmeot W.	10-Jul-22	15:00		62.81499863	-92.05500031	62.81499863	-92.05500031	160	0	78	Starboard	10	Indoors	Yes
Kitikmeot W.	10-Jul-22	19:00		62.81499863	-92.05500031	62.81499863	-92.05500031	180	0	71	Port	10	Indoors	No
Kitikmeot W.	11-Jul-22	09:15		62.8133316	-92.05500031	62.8133316	-92.05500031	90	0	71	Port	10	Indoors	Yes
Kitikmeot W.	11-Jul-22	11:25		62.8133316	-92.05500031	62.8133316	-92.05500031	200	0	78	Port	10	Indoors	Yes
Kitikmeot W.	11-Jul-22	13:20		62.81499863	-92.05500031	62.81499863	-92.05500031	210	0	80	Port	10	Indoors	Yes
Kitikmeot W.	11-Jul-22	16:00		62.81499863	-92.05500031	62.81499863	-92.05500031	275	0	80	Port	10	Indoors	Yes
Kitikmeot W.	12-Jul-22	06:10	06:15	63.65000153	-91.55666351	63.66500092	-91.57666779	325	12.5	332	Port	10	Indoors	No
Kitikmeot W.	12-Jul-22	06:17	06:22	63.66833496	-91.58833313	63.68000031	-91.625	325	12.5	332	Port	10	Indoors	Yes
Kitikmeot W.	12-Jul-22	06:25	06:30	63.6866684	-91.65000153	63.70000076	-91.67500305	325	12.5	332	Port	10	Indoors	No
Kitikmeot W.	12-Jul-22	06:33	06:38	63.71166611	-91.69000244	63.72333145	-91.72000122	325	12.5	332	Port	10	Indoors	Yes
Kitikmeot W.	12-Jul-22	06:40	06:45	63.72499847	-91.74333191	63.72499847	-91.78333282	325	12.5	332	Port	10	Indoors	Yes
Kitikmeot W.	12-Jul-22	06:47	06:52	63.72499847	-91.80166626	63.72166824	-91.84833527	325	12.5	332	Port	10	Indoors	Yes
Kitikmeot W.	12-Jul-22	15:55		63.9383316	-93.63166809	63.9383316	-93.63166809		0	260	Starboard	10	Indoors	No
Kitikmeot W.	12-Jul-22	20:50		63.9383316	-93.6333313	63.9383316	-93.6333313	180	0	0	Port	10	Indoors	Yes
Kitikmeot W.	12-Jul-22		20:15	63.93333435	-93.6333313	63.59999847	-93.6333313	270	0	10	Port	1.8	Indoors	Yes
Kitikmeot W.	13-Jul-22	00:30	00:00	63.93500137	-93.6333313	63.93500137	-93.6333313		0	298	Starboard	20	Indoors	No
Kitikmeot W.	13-Jul-22	04:00		63.9383316	-93.6333313	63.9383316	-93.6333313		0	20	Starboard	20	Indoors	No
Kitikmeot W.	13-Jul-22	09:00	09:00	63.93333435	-93.6333313	63.93333435	-93.6333313	0	0	15	Port	20	Indoors	No
Kitikmeot W.	13-Jul-22	13:50		63.93333435	-93.6333313	63.93333435	-93.6333313		0	25	Starboard	20	Indoors	Yes
Kitikmeot W.	13-Jul-22	21:00		63.93333435	-93.63500214	63.93333435	-93.63500214	180	0	180	Starboard	10	Indoors	No
Kitikmeot W.	14-Jul-22	00:15	00:00	63.93333435	-93.63500214	63.93333435	-93.63500214		0	180	Port	10	Indoors	Yes
Kitikmeot W.	14-Jul-22	06:30		63.93500137	-93.6333313	63.93500137	-93.6333313		0	180	Starboard	10	Indoors	Yes
Kitikmeot W.	14-Jul-22	12:30		63.93333435	-93.63500214	63.93333435	-93.63500214	130	0	170	Starboard	10	Indoors	No
Kitikmeot W.	14-Jul-22	15:45		63.9366684	-93.63500214	63.9366684	-93.63500214	142	0	153	Starboard	10	Indoors	No
Kitikmeot W.	14-Jul-22	18:20		63.9366684	-93.63500214	63.9366684	-93.63500214	150	0	160	Starboard	10	Indoors	No
Kitikmeot W.	15-Jul-22	01:17		63.9366684	-94.30000305	63.9366684	-73.6333313	130	0	133	Starboard	25	Indoors	No
Kitikmeot W.	15-Jul-22	08:10		63.9383316	-93.63500214	63.9383316	-93.63500214	180	0	135	Starboard	10	Indoors	No
Kitikmeot W.	15-Jul-22	13:00		63.9383316	-93.63500214	63.9383316	-93.63500214	180	0	140	Port	10	Indoors	Yes
Kitikmeot W.	15-Jul-22	13:50		63.93333435	-93.6333313	63.93333435	-93.6333313	120	0	109	Starboard	25	Indoors	No
Kitikmeot W.	15-Jul-22	16:20		63.93333435	-93.6333313	63.93333435	-93.6333313		0	205	Starboard	25	Indoors	Yes
Kitikmeot W.	15-Jul-22	19:00		63.93500137	-93.63500214	63.93500137	-93.63500214	180	0	210	Starboard	10	Indoors	No
Kitikmeot W.	16-Jul-22	08:00		63.93500137	-93.63666534	63.93500137	-93.63666534	180	0	180	Starboard	10	Indoors	No
Kitikmeot W.	16-Jul-22	13:10		63.93500137	-93.63500214	63.93500137	-93.63500214	150	0	170	Port	10	Indoors	No
Kitikmeot W.	16-Jul-22	16:50	16:55	63.78833389	-92.43333435	63.76833344	-92.40499878	300	16.5	145	Starboard	10	Indoors	Yes
Kitikmeot W.	16-Jul-22	16:57	17:02	63.76166534	-92.39167023	63.75166702	-92.34999847	300	16.5	145	Starboard	10	Indoors	Yes
Kitikmeot W.	16-Jul-22	17:02	17:07	63.75166702	-92.34999847	63.75333405	-92.3033371	300	16.5	145	Starboard	10	Indoors	No
Kitikmeot W.	16-Jul-22	17:09	17:14	63.75500107	-92.28166962	63.75	-92.23332977	300	16.5	145	Starboard	10	Indoors	Yes
Kitikmeot W.	16-Jul-22	17:15	17:20	63.74833298	-92.22333527	63.73166656	-92.1883316	300	16.5	145	Starboard	10	Indoors	Yes
Kitikmeot W.	16-Jul-22	17:21	17:26	63.72999954	-92.18166351	63.71500015	-92.125	300	16.5	145	Starboard	10	Indoors	Yes
Kitikmeot W.	16-Jul-22	17:30	17:36	63.63333511	-91.43499756	63.625	-91.39666748		12	90	Port	20	Indoors	Yes
Kitikmeot W.	16-Jul-22	17:42	17:47	63.62333298	-91.38833618	63.58833313	-91.33666992		12	90	Port	20	Indoors	No

Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Kitikmeot W.	16-Jul-22	17:48	17:53	63.60333252	-91.29666901	63.59166718	-91.23000336		12	90	Port	20	Indoors	No
Kitikmeot W.	16-Jul-22	18:00	18:05	63.58833313	-91.1883316	63.58499908	-91.14499664		12	90	Port	20	Indoors	No
Kitikmeot W.	16-Jul-22	18:10	18:17	63.581666504	-91.10832977	63.57500076	-91.07166629		12	90	Port	20	Indoors	No
Kitikmeot W.	16-Jul-22	18:20	18:25	63.75833511	-91.08666992	63.73666763			12	90	Port	20	Indoors	No
Kitikmeot W.	17-Jul-22	10:57	11:02	62.17499924	-84.87166595	62.16999817	-84.83666992	315	13	112	Starboard	10	Indoors	No
Kitikmeot W.	17-Jul-22	11:04	11:09	62.16666794	-84.82499695	62.15833282	-84.77833557	315	13	112	Starboard	10	Indoors	Yes
Kitikmeot W.	17-Jul-22	11:15	11:20	62.15166855	-84.74500275	62.14500046	-84.70833588	315	13	112	Starboard	10	Indoors	No
Kitikmeot W.	17-Jul-22	11:22	11:27	62.14166641	-84.69000244	62.13499832	-84.65833282	315	13	112	Starboard	10	Indoors	Yes
Kitikmeot W.	17-Jul-22	11:30	11:35	62.13166809	-84.63666534	62.12333298	-84.61499786	315	13	112	Starboard	10	Indoors	No
Kitikmeot W.	17-Jul-22	11:39	11:44	62.11833191	-84.57166629	62.11000061	-84.53500366	315	13	112	Starboard	10	Indoors	Yes
Kitikmeot W.	17-Jul-22	18:15	18:20	62.14500046	-81.76499939	62.15166855	-81.77833557	220	12.5	66	Port	20	Indoors	No
Kitikmeot W.	17-Jul-22	18:25	18:30	62.15833282	-81.69166565	62.16500092	-81.66000366	220	12.5	66	Port	20	Indoors	No
Kitikmeot W.	17-Jul-22	18:35	18:40	62.17166519	-81.62999725	62.17833328	-81.59833527	220	12.5	66	Port	20	Indoors	No
Kitikmeot W.	17-Jul-22	18:45	18:50	62.18500137	-81.56666565	62.19333267	-81.53333282	220	12.5	66	Port	20	Indoors	Yes
Kitikmeot W.	17-Jul-22	18:55	19:00	62.20000076	-81.50166321	62.20666504	-81.47000122	220	12.5	66	Port	20	Indoors	No
Kitikmeot W.	17-Jul-22	19:05	19:10	62.21333313	-81.4383316	62.22166824	-81.40499878	220	12.5	66	Port	20	Indoors	No
Kitikmeot W.	17-Jul-22	19:50	19:56	62.42499924	-80.47000122	62.42166519	-80.41000366		12	66	Starboard	20	Indoors	Yes
Kitikmeot W.	17-Jul-22	20:00	20:05	62.42166519	-80.38999939	62.42166519	-80.47333527		12	66	Starboard	20	Indoors	Yes
Kitikmeot W.	17-Jul-22	20:05	20:10	62.42333221	-80.5	62.4383316	-80.35666656		12	66	Starboard	20	Indoors	No
Kitikmeot W.	17-Jul-22	22:15	22:20	62.38833237	-79.41166687	62.46666718	-80.23999786		12	66	Starboard	20	Indoors	No
Kitikmeot W.	18-Jul-22	10:30	10:35	62.83833313	-74.43000031	62.83833313	-74.35666656		14	87	Starboard	20	Indoors	Yes
Kitikmeot W.	18-Jul-22	10:40	10:45	62.84500122	-74.3033371	62.84000015	-74.25333405		14	87	Starboard	20	Indoors	Yes
Kitikmeot W.	18-Jul-22	10:53	10:58	62.84166718	-74.20500183	62.8433342	-74.15333557		14	87	Starboard	20	Indoors	No
Kitikmeot W.	18-Jul-22	11:00	11:05	62.8433342	-74.12833405	62.8433342	-74.07833099		14	87	Starboard	20	Indoors	Yes
Kitikmeot W.	18-Jul-22	11:07	11:12	62.84500122	-74.05999756	62.84500122	-74.01000214		14	87	Starboard	20	Indoors	Yes
Kitikmeot W.	18-Jul-22	11:14	11:19	62.8433342	-73.99666595	62.83333206	-73.94499969		14	87	Starboard	20	Indoors	Yes
Kitikmeot W.	18-Jul-22	13:10	13:15	62.64333344	-73.1333313	62.63499832	-73.09500122		12.7	121	Starboard	25	Indoors	Yes
Kitikmeot W.	18-Jul-22	13:20	13:25	62.625	-73.06500244	62.61500168	-73.00333405		12.7	121	Starboard	25	Indoors	No
Kitikmeot W.	18-Jul-22	13:30	13:35	62.60833359	-72.99666595	62.59833145	-72.96166992		12.7	121	Starboard	25	Indoors	Yes
Kitikmeot W.	18-Jul-22	13:40	13:45	62.59166718	-72.93000031	62.58000183	-72.88999939		12.7	121	Starboard	25	Indoors	Yes
Kitikmeot W.	18-Jul-22	13:50	13:55	62.57333374	-72.86166382	62.56499863	-72.82833099		12.7	121	Starboard	25	Indoors	No
Kitikmeot W.	18-Jul-22	14:00	14:05	62.55500031	-72.79499817	62.54833221	-72.76667023		12.7	121	Starboard	25	Indoors	No
Kitikmeot W.	18-Jul-22	17:25	17:30	62.15499878	-71.58999634	62.14500046	-71.56166684		12	125	Starboard	20	Indoors	Yes
Kitikmeot W.	18-Jul-22	17:35	17:40	62.13666534	-71.53666687	62.12666702	-71.51000214		12	125	Starboard	20	Indoors	Yes
Kitikmeot W.	18-Jul-22	17:45	17:50	62.11833191	-71.48500061	62.10666656	-71.45333099		12	125	Starboard	20	Indoors	No
Kitikmeot W.	18-Jul-22	17:55	18:00	62.09666824	-71.42333221	62.08666611	-71.38999939		12	125	Starboard	20	Indoors	Yes
Kitikmeot W.	18-Jul-22	18:05	18:10	62.07833481	-71.36499786	62.06666565	-71.32833099		12	125	Starboard	20	Indoors	Yes
Kitikmeot W.	18-Jul-22	18:15	18:20	62.05833435	-71.30500031	62.04833221	-71.27166748		12	125	Starboard	20	Indoors	No
Kitikmeot W.	19-Jul-22	09:00	09:05	60.8983345	-65.68499756	60.89666748	-65.64833069	90	12	100	Starboard	20	Indoors	Yes
Kitikmeot W.	19-Jul-22	09:15	09:20	60.89500046	-65.59333038	60.87666702	-65.5083313	90	12	100	Starboard	20	Indoors	Yes
Kitikmeot W.	19-Jul-22	09:25	09:30	60.89166641	-65.51499939	60.88999939	-65.46666718	90	12	100	Starboard	20	Indoors	Yes
Kitikmeot W.	19-Jul-22	09:35	09:40	60.88833237	-65.4383316	60.88666534	-65.40499878	90	12	100	Starboard	20	Indoors	No
Kitikmeot W.	19-Jul-22	09:45	09:50	60.88499832	-65.37666321	60.88166809	-65.33833313	90	12	100	Starboard	20	Indoors	Yes
Kitikmeot W.	19-Jul-22	10:00	10:05	60.87666702	-65.28666687	60.86833191	-65.21833038	90	12	100	Starboard	20	Indoors	Yes
Kitikmeot W.	19-Jul-22	14:00	14:05	60.6866684	-64.17666626	60.68000031	-64.15666962	126	9.7	122	Starboard	25	Indoors	No
Kitikmeot W.	19-Jul-22	14:10	14:15	64.67500305	-64.13999939	60.66666794	-64.11833191	126	9.7	122	Starboard	25	Indoors	No
Kitikmeot W.	19-Jul-22	14:20	14:25	60.66166687	-64.09666443	60.65333176	-64.07499695	126	9.7	122	Starboard	25	Indoors	Yes
Kitikmeot W.	19-Jul-22	14:30	14:35	60.59500122	-64.05166626	60.63666534	-64.02666473	126	9.7	122	Starboard	25	Indoors	Yes
Kitikmeot W.	19-Jul-22	14:40	14:45	60.62833405	-64.00166321	60.61833191	-63.98166656	126	9.7	122	Starboard	25	Indoors	Yes

Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Kitikmeot W.	19-Jul-22	14:50	14:55	60.60833359	-63.96166611	60.59666824	-63.93999863	126	9.7	122	Starboard	25	Indoors	No
Kitikmeot W.	22-Jul-22	09:15	09:20	60.77999878	-66.66166687	60.78666687	-66.69833374	88	11.7	291	Starboard	20	Indoors	No
Kitikmeot W.	22-Jul-22	09:30	09:35	60.79000092	-66.71666718	60.80166626	-66.78833008	88	11.7	291	Starboard	20	Indoors	No
Kitikmeot W.	22-Jul-22	09:45	09:50	60.81999969	-66.85832977	60.84500122	-66.94833374	88	11.7	291	Starboard	20	Indoors	No
Kitikmeot W.	22-Jul-22	10:00	10:05	60.85499954	-67.04333496	60.86999893	-67.1333313	88	11.7	291	Starboard	20	Indoors	No
Kitikmeot W.	22-Jul-22	10:10	10:15	60.88499832	-67.21333313	60.88499832	-67.20999908	88	11.7	291	Starboard	20	Indoors	No
Kitikmeot W.	22-Jul-22	10:20	10:25	61.36333466	-67.07333374	60.87166595	-67.11499786	88	11.7	291	Starboard	20	Indoors	No
Kitikmeot W.	22-Jul-22	13:56	14:01	61.17333221	-68.40833282	61.17499924	-68.44166565	80	13	275	Starboard	10	Indoors	No
Kitikmeot W.	22-Jul-22	14:05	14:10	61.17833328	-68.47499847	61.18333435	-68.5083313	80	13	275	Starboard	10	Indoors	Yes
Kitikmeot W.	22-Jul-22	14:15	14:20	61.18999863	-68.55000305	61.19499969	-68.57666779	80	13	275	Starboard	10	Indoors	No
Kitikmeot W.	22-Jul-22	14:25	14:30	61.20000076	-68.61000061	61.20666504	-68.64666748	80	13	275	Starboard	10	Indoors	No
Kitikmeot W.	22-Jul-22	14:35	14:40	61.21500015	-68.68166351	61.22166824	-68.71333313	80	13	275	Starboard	10	Indoors	Yes
Kitikmeot W.	22-Jul-22	14:45	14:50	61.22999954	-68.74666595	61.23666763	-68.77999878	80	13	275	Starboard	10	Indoors	No
Kitikmeot W.	22-Jul-22	20:15	20:20	61.82666779	-70.74500275	61.83333206	-70.77166748	112	12	310	Starboard	20	Indoors	No
Kitikmeot W.	22-Jul-22	20:20	20:25	61.83333206	-70.77666473	61.84500122	-70.80500031	112	12	310	Starboard	20	Indoors	No
Kitikmeot W.	22-Jul-22	20:25	20:30	61.84833145	-70.81999969	61.85499954	-70.83999634	112	12	310	Starboard	20	Indoors	No
Kitikmeot W.	22-Jul-22	20:30	20:35	61.85833359	-70.84833527	61.875	-70.87666321	112	12	310	Starboard	20	Indoors	No
Kitikmeot W.	22-Jul-22	20:35	20:40	61.86999893	-70.88500214	60.87666702	-70.90499878	112	12	310	Starboard	20	Indoors	No
Kitikmeot W.	22-Jul-22	20:41	20:46	61.87666702	-70.90833282	61.88499832	-70.93166351	112	12	310	Starboard	20	Indoors	Yes
Kitikmeot W.	23-Jul-22	08:40	08:45	62.80833435	-75.19000244	62.80666733	-75.21666718	90	12	272	Starboard	20	Indoors	Yes
Kitikmeot W.	23-Jul-22	08:50	08:55	62.80833435	-75.27833557	62.81000137	-75.29833221	90	12	272	Starboard	20	Indoors	Yes
Kitikmeot W.	23-Jul-22	09:00	09:05			62.8116684	-75.375	90	12	272	Starboard	20	Indoors	Yes
Kitikmeot W.	23-Jul-22	09:05	09:10	62.8116684	-75.37999725	62.8133316	-75.43166351	90	12	272	Starboard	20	Indoors	No
Kitikmeot W.	23-Jul-22	09:10	09:15	62.81666565	-75.77166748	62.8116684	-75.4916687	90	12	272	Starboard	20	Indoors	No
Kitikmeot W.	23-Jul-22	09:20	09:25	62.8116684	-75.49500275	62.80833435	-75.55166626	90	12	272	Starboard	20	Indoors	No
Kitikmeot W.	23-Jul-22	17:35	17:40	62.70500183	-79.04000092	62.69833374	-79.07333374	45	11.3	248	Starboard	10	Indoors	Yes
Kitikmeot W.	23-Jul-22	21:00	21:05	62.44333267	-80.34333038	62.4366684	-80.37333679	45	11.8	245	Starboard	20	Indoors	Yes
Kitikmeot W.	23-Jul-22	21:07	21:11	62.43333435	-80.38833618	62.43000031	-80.41333008	45	11.8	245	Starboard	20	Indoors	No
Kitikmeot W.	23-Jul-22	21:12	21:17	62.42666626	-80.42333221	62.42166519	-80.45166779	45	11.8	245	Starboard	20	Indoors	No
Kitikmeot W.	23-Jul-22	21:20	21:25	62.41833496	-80.46333313	62.41333389	-80.48999786	45	11.8	245	Starboard	20	Indoors	No
Kitikmeot W.	23-Jul-22	21:25	21:30	62.41666794	-80.50166321	62.4066658	-80.52833557	45	11.8	245	Starboard	20	Indoors	No
Kitikmeot W.	23-Jul-22	21:30	21:35	62.41333389	-80.53166962	62.40000153	-80.56500244	45	11.8	245	Starboard	20	Indoors	No
Kitikmeot W.	24-Jul-22	09:00	09:05	62.19833374	-84.9366684	62.20166779	-84.94999695	30	11	300	Starboard	20	Indoors	No
Kitikmeot W.	24-Jul-22	09:08	09:13	62.20333481	-84.62833405	62.20833206	-84.98833466	30	11	300	Starboard	20	Indoors	No
Kitikmeot W.	24-Jul-22	09:15	09:21	62.21166611	-85	62.2183342	-85.04166412	30	11	300	Starboard	20	Indoors	No
Kitikmeot W.	24-Jul-22	09:22	09:27	62.22000122	-85.04666901	62.22499847	-85.07499695	30	11	300	Starboard	20	Indoors	No
Kitikmeot W.	24-Jul-22	09:30	09:35	62.23166656	-85.10500336	62.23666763	-85.1333313	30	11	300	Starboard	20	Indoors	No
Kitikmeot W.	24-Jul-22	09:40	09:45	62.23833466	-85.13999939	62.24499893	-85.19000244	30	11	300	Starboard	20	Indoors	No
Kitikmeot W.	24-Jul-22	13:30	13:35	62.53666687	-86.6333313	62.5616684	-86.60166931	39	11.8	294	Starboard	25	Indoors	No
Kitikmeot W.	24-Jul-22	13:40	13:45	62.54999924	-86.69833374	62.55833435	-86.71666718	39	11.8	294	Starboard	25	Indoors	No
Kitikmeot W.	24-Jul-22	13:50	13:55	62.5633316	-86.76499939	62.56833267	-86.78833008	39	11.8	294	Starboard	25	Indoors	No
Kitikmeot W.	24-Jul-22	14:00	14:05	62.57666779	-86.83000183	62.58333206	-86.86499786	39	11.8	294	Starboard	25	Indoors	No
Kitikmeot W.	24-Jul-22	14:10	14:15	62.59000015	-86.89499664	62.59666824	-86.93499756	39	11.8	294	Starboard	25	Indoors	No
Kitikmeot W.	24-Jul-22	14:20	14:25	62.60499954	-86.95999908	62.61333466	-87.00333405	39	11.8	294	Starboard	25	Indoors	No
Kitikmeot W.	24-Jul-22	15:30	15:35	62.69499969	-87.41500092	62.70166779	-87.44833374	15	11.8	295	Starboard	10	Indoors	No
Kitikmeot W.	24-Jul-22	15:40	15:45	62.70833206	-87.48166656	62.71500015	-87.51667023	15	11.8	295	Starboard	10	Indoors	Yes
Kitikmeot W.	24-Jul-22	15:50	15:55	62.72166824	-87.55000305	62.72999954	-87.58499908	15	11.8	295	Starboard	10	Indoors	Yes
Kitikmeot W.	24-Jul-22	16:00	16:05	62.73500061	-87.60832977	62.74333191	-87.64666748	15	11.8	295	Starboard	10	Indoors	No
Kitikmeot W.	24-Jul-22	16:10	16:15	62.75	-87.6783371	62.75666809	-87.70999908	15	11.8	295	Starboard	10	Indoors	Yes



Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Kitikmeot W.	24-Jul-22	16:20	16:25	62.76333237	-87.73999786	62.76833344	-87.77166748	15	11.8	295	Starboard	10	Indoors	No
Kitikmeot W.	25-Jul-22	06:26	06:31	63.73166656	-92.18166351	63.74499893	-92.21333313		13	310	Port	10	Indoors	No
Kitikmeot W.	25-Jul-22	06:35	06:40	63.75166702	-92.23500061	63.75166702	-92.27500153		13	310	Port	10	Indoors	Yes
Kitikmeot W.	25-Jul-22	06:43	06:48	63.75166702	-92.29666901	63.75166702	-92.33499908		13	310	Port	10	Indoors	Yes
Kitikmeot W.	25-Jul-22	06:50	06:55	63.75166702	-92.34833527	63.75833511	-92.37999725		13	310	Port	10	Indoors	Yes
Kitikmeot W.	25-Jul-22	07:00	07:05	63.77166748	-92.40499878	63.78499985	-92.42500305		13	310	Port	10	Indoors	No
Kitikmeot W.	25-Jul-22	07:10	07:15	63.79833221	-92.44499969	63.81000137	-92.47166443		13	310	Port	10	Indoors	No
Kitikmeot W.	25-Jul-22	15:05		63.93333435	-93.6166687	63.93333435	-93.6166687		0	250	Starboard	25	Indoors	Yes
Kitikmeot W.	25-Jul-22	19:30		63.9366684	-93.62999725	63.9366684	-93.62999725		0	20	Starboard	20	Outdoors	No
Kitikmeot W.	25-Jul-22	22:00		63.93999863	-93.61833191	63.93999863	-93.61833191	45	0		Starboard	20	Indoors	No
Kitikmeot W.	26-Jul-22	08:15		63.93999863	-93.61833191	63.93999863	-93.61833191	135	0	135	Starboard	10	Indoors	No
Kitikmeot W.	26-Jul-22	11:30		63.93999863	-93.61833191	63.93999863	-93.61833191	135	0	310	Port	10	Indoors	Yes
Kitikmeot W.	26-Jul-22	15:50		67.93333435	-93.6166687	67.93333435	-93.6166687		0	210	Starboard	25	Indoors	No
Kitikmeot W.	26-Jul-22	18:00		63.93999863	-93.61833191	63.93999863	-93.61833191		0	330	Starboard	10	Indoors	Yes
Kitikmeot W.	26-Jul-22	21:30		63.93999863	-93.61833191	63.93999863	-93.61833191		0		Starboard	20	Indoors	No
Kitikmeot W.	27-Jul-22	08:00		67.94000244	-93.61833191	67.94000244	-93.61833191		0	45	Starboard	10	Indoors	Yes
Kitikmeot W.	27-Jul-22	10:15		67.94000244	-93.61833191	67.94000244	-93.61833191		0	45	Port	10	Indoors	No
Kitikmeot W.	27-Jul-22	14:05		68.08333588	-93.6166687	67.93333435	-93.6166687	300	0	305	Starboard	25	Indoors	Yes
Kitikmeot W.	28-Jul-22	09:00		67.93333435	-93.6166687	67.93333435	-93.6166687		0		Starboard	20	Indoors	No
Kitikmeot W.	28-Jul-22	11:00		67.9383316	-93.61833191	67.9383316	-93.61833191	340	0	330	Starboard	10	Indoors	No
Kitikmeot W.	28-Jul-22	14:40		67.93333435	-93.6166687	67.93333435	-93.6166687	320	0	305	Starboard	25	Indoors	No
Kitikmeot W.	28-Jul-22	18:10		67.9383316	-93.61833191	67.9383316	-93.61833191	315	0	310	Starboard	10	Indoors	No
Kitikmeot W.	28-Jul-22	09:00		67.93333435	-93.6166687	67.93333435	-93.6166687	45	0		Starboard	20	Indoors	No
Kitikmeot W.	29-Jul-22	09:10		67.9383316	-93.61833191	67.9383316	-93.61833191		0	1	Port	10	Indoors	Yes
Kitikmeot W.	29-Jul-22	11:00		67.9383316	-93.61833191	67.9383316	-93.61833191	270	0	300	Port	10	Indoors	No
Kitikmeot W.	29-Jul-22	16:00		67.9383316	-93.61833191	67.9383316	-93.61833191	315	0	315	Starboard	10	Indoors	No
Kitikmeot W.	29-Jul-22	22:00		67.9383316	-93.6166687	67.9383316	-93.6166687	315	0		Starboard	20	Indoors	Yes
Kitikmeot W.	30-Jul-22	08:15		67.93333435	-93.6166687	67.93333435	-93.6166687	315	0	320	Starboard	10	Indoors	No
Kitikmeot W.	30-Jul-22	12:05		67.93333435	-93.6166687	67.93333435	-93.6166687	315	0	315	Port	10	Indoors	Yes
Kitikmeot W.	30-Jul-22	14:14		67.93333435	-93.6166687	67.93333435	-93.6166687	310	0	335	Starboard	25	Indoors	No
Kitikmeot W.	30-Jul-22	17:45		67.93333435	-93.6166687	67.93333435	-93.6166687	330	0	320	Starboard	10	Indoors	No
Kitikmeot W.	31-Jul-22	08:15		67.93333435	-93.6166687	67.93333435	-93.6166687	315	0	305	Port	10	Indoors	No
Kitikmeot W.	31-Jul-22	12:15		67.93333435	-93.6166687	67.93333435	-93.6166687	300	0	305	Port	10	Indoors	No
Kitikmeot W.	31-Jul-22	15:40		67.93333435	-93.6166687	67.93333435	-93.6166687	320	0	325	Starboard	25	Indoors	No
Kitikmeot W.	31-Jul-22	22:00		67.93333435	-93.6166687	67.93333435	-93.6166687	320	0		Starboard	20	Indoors	No
Kitikmeot W.	01-Aug-22	15:50		67.93333435	-93.6166687	67.93333435	-93.6166687	335	0	330	Starboard	25	Indoors	No
Kitikmeot W.	01-Aug-22	17:30		67.93333435	-93.6166687	67.93333435	-93.6166687	305	0	305	Starboard	10	Indoors	No
Kitikmeot W.	01-Aug-22	22:00		67.93333435	-93.6166687	67.93333435	-93.6166687	305	0		Starboard	20	Indoors	No
Kitikmeot W.	02-Aug-22	09:00		67.93333435	-93.6166687	67.93333435	-93.6166687	320	0	320	Starboard	10	Indoors	No
Kitikmeot W.	02-Aug-22	15:50		67.93333435	-93.6166687	67.93333435	-93.6166687	5	0	12	Starboard	25	Indoors	No
Kitikmeot W.	02-Aug-22	17:10		67.93333435	-93.6166687	67.93333435	-93.6166687	315	0	315	Starboard	12	Indoors	No
Kitikmeot W.	02-Aug-22	21:50		67.93333435	-93.6166687	67.93333435	-93.6166687	15	0		Starboard	20	Indoors	No
Kitikmeot W.	03-Aug-22	08:15		67.93333435	-93.6166687	67.93333435	-93.6166687	45	0	20	Port	12	Indoors	Yes
Kitikmeot W.	03-Aug-22	11:00		67.93333435	-93.6166687	67.93333435	-93.6166687	25	0		Starboard	20	Indoors	No
Kitikmeot W.	03-Aug-22	15:45		67.93333435	-93.6166687	67.93333435	-93.6166687	50	0	70	Starboard	25	Indoors	No
Kitikmeot W.	04-Aug-22	07:00		67.93333435	-93.6166687	67.93333435	-93.6166687	50	0		Starboard	20		No
Kitikmeot W.	04-Aug-22	11:05		63.9366684	-93.62666321	63.9366684	-93.62666321	320	0	320	Starboard	15	Indoors	No
Kitikmeot W.	04-Aug-22	14:25		67.93333435	-93.6166687	67.93333435	-93.6166687	345	0	348	Starboard	25	Indoors	Yes
Kitikmeot W.	04-Aug-22	22:00		67.93333435	-93.6166687	67.93333435	-93.6166687	30	0		Starboard	20	Outdoors	No

Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Kitikmeot W.	05-Aug-22	10:10		67.93333435	-93.6166687	67.93333435	-93.6166687	350	0	350	Starboard	12	Indoors	No
Kitikmeot W.	05-Aug-22	11:45		67.93333435	-93.6166687	67.93333435	-93.6166687	350	0	350	Starboard	12	Indoors	Yes
Kitikmeot W.	05-Aug-22	14:05		67.93333435	-93.6166687	67.93333435	-93.6166687	0	0	35	Starboard	25	Indoors	Yes
Kitikmeot W.	05-Aug-22	18:25		67.93333435	-93.6166687	67.93333435	-93.6166687	270	0	268	Port	15	Indoors	No
Kitikmeot W.	06-Aug-22	07:10	07:10	63.96333313	-93.31833649	63.96166611	-93.29166412	30	10.4	114	Starboard and Port	20	Indoors	No
Kitikmeot W.	06-Aug-22	07:17	07:23	63.95999908	-93.26000214	63.95500183	-93.22000122	30	10.4	114	Starboard and Port	20	Indoors	No
Kitikmeot W.	06-Aug-22	07:25	07:30	63.95500183	-93.20999908	63.95000076	-93.17166901	30	10.4	114	Starboard and Port	20	Indoors	No
Kitikmeot W.	06-Aug-22	07:35	07:40	63.94333267	-93.13999939	63.92833328	-93.11499786	30	10.4	114	Starboard and Port	20	Indoors	No
Kitikmeot W.	06-Aug-22	07:45	07:50	63.90999985	-93.08333588	63.90999985	-93.04166412	30	10.4	114	Starboard and Port	20	Indoors	No
Kitikmeot W.	06-Aug-22	07:53	07:58	63.91166687	-93.03333282	63.91666794	-92.98999786	30	10.4	114	Starboard and Port	20	Indoors	Yes
Kitikmeot W.	06-Aug-22	19:00	19:05	63.04333496	-89.12833405	63.03666687	-89.09666443	305	11	113	Starboard	25	Indoors	No
Kitikmeot W.	06-Aug-22	19:10	19:15	63.03166658	-89.06833649	63.02666685	-89.03833008	305	11	113	Starboard	25	Indoors	No
Kitikmeot W.	06-Aug-22	19:20	19:25	63.02000046	-89.0083313	63.01499939	-88.98000336	305	11	113	Starboard	25	Indoors	No
Kitikmeot W.	06-Aug-22	19:30	19:35	63.00833511	-88.94833374	63.00333405	-88.91999817	305	11	113	Starboard	25	Indoors	No
Kitikmeot W.	06-Aug-22	19:40	19:45	62.99833298	-88.88999939	62.99166489	-88.86000061	305	11	113	Starboard	25	Indoors	Yes
Kitikmeot W.	06-Aug-22	19:50	19:55	62.98666763	-88.83166504	62.97999954	-88.80166626	305	11	113	Starboard	25	Indoors	No
Kitikmeot W.	06-Aug-22	22:00	22:05	62.82833481	-88.09333038	62.82333374	-88.0633316	282	10	113	Starboard	20	Indoors	No
Kitikmeot W.	06-Aug-22	22:10	22:15	62.81666565	-88.03666687	62.81166684	-88.0533371	282	10	113	Starboard	20	Indoors	No
Kitikmeot W.	06-Aug-22	22:20	22:25	62.80500031	-87.98166656	62.79833221	-87.94000244	282	10	113	Starboard	20	Indoors	No
Kitikmeot W.	06-Aug-22	22:25	22:30	62.79499817	-87.95666504	62.79499817	-87.92500305	282	10	113	Starboard	20	Indoors	No
Kitikmeot W.	06-Aug-22	22:35	22:40	62.79000092	-87.95166779	62.78499985	-87.87000275	282	10	113	Starboard	20	Indoors	No
Kitikmeot W.	06-Aug-22	22:45	22:50	62.78166658	-87.88666534	62.77500153	-87.81666565	282	10	113	Starboard	20	Indoors	No
Kitikmeot W.	07-Aug-22	10:22	10:27	61.95999908	-83.97833252	61.97666655	-83.95500183	292	10	115	Starboard	20	Indoors	No
Kitikmeot W.	07-Aug-22	10:10	10:15	61.97333145	-83.91500092	61.96500015	-83.87333679	292	10	115	Starboard	20	Indoors	No
Kitikmeot W.	07-Aug-22	10:20	10:25	61.9683342	-83.85500336	61.97166824	-83.83666992	292	10	115	Starboard	20	Indoors	No
Kitikmeot W.	07-Aug-22	10:50	10:55	61.92666626	-83.69499969	61.92166519	-83.66666412	292	10	115	Starboard	20	Indoors	No
Kitikmeot W.	07-Aug-22	11:00	11:05	61.91500092	-83.64167023	61.90999985	-83.61166382	292	10	115	Starboard	20	Indoors	No
Kitikmeot W.	07-Aug-22	11:10	11:15	61.90499878	-83.58499908	61.90333176	-83.55833435	292	10	115	Starboard	20	Indoors	Yes
Kitikmeot W.	07-Aug-22	16:16	16:21	62.13166809	-81.87999725	62.13833237	-81.84999847	250	10.5	67	Starboard	20	Indoors	No
Kitikmeot W.	07-Aug-22	16:25	16:30	62.14333344	-81.83000183	62.15000153	-81.80000305	250	10.5	67	Starboard	20	Indoors	Yes
Kitikmeot W.	07-Aug-22	16:33	16:38	62.15333176	-81.78333282	62.15999985	-81.75333405	250	10.5	67	Starboard	20	Indoors	No
Kitikmeot W.	07-Aug-22	16:40	16:45	62.16333389	-81.74500275	62.16999817	-81.71166992	250	10.5	67	Starboard	20	Indoors	No
Kitikmeot W.	07-Aug-22	16:50	16:55	62.17666626	-81.68333435	62.18333435	-81.65333557	250	10.5	67	Starboard	20	Indoors	No
Kitikmeot W.	07-Aug-22	17:00	17:05	62.1883316	-81.62666321	62.19666672	-81.59166718	250	10.5	67	Starboard	20	Indoors	Yes
Kitikmeot W.	07-Aug-22	20:10	20:15	62.41999817	-80.46333313	62.42666626	-80.43666684	247	10	65	Starboard	20	Indoors	No
Kitikmeot W.	07-Aug-22	20:20	20:25	62.43000031	-80.40499878	62.43500137	-80.37000275	247	10	65	Starboard	20	Indoors	No
Kitikmeot W.	07-Aug-22	20:30	20:35	62.44166565	-80.34666443	62.44833374	-80.33666992	247	10	65	Starboard	20	Indoors	No
Kitikmeot W.	07-Aug-22	20:35	20:40	62.4383316	-80.30500031	62.44499969	-80.29166412	247	10	65	Starboard	20	Indoors	No
Kitikmeot W.	07-Aug-22	20:45	20:50	62.45666504	-79.98833466	62.46500015	-80.23500061	247	10	65	Starboard	20	Indoors	No
Kitikmeot W.	07-Aug-22	21:00	21:05	62.4766655	-80.18000031	62.48500061	-81.50166321	247	10	65	Starboard	20	Indoors	No
Kitikmeot W.	08-Aug-22	10:00	10:05	62.82833481	-75.02500153	62.82833481	-74.98999786	250	11	88	Starboard	20	Indoors	No
Kitikmeot W.	08-Aug-22	10:10	10:15	62.83000183	-74.95833588	62.83000183	-74.92166901	250	11	88	Starboard	20	Indoors	No
Kitikmeot W.	08-Aug-22	10:20	10:25	62.83000183	-74.89666748	62.83000183	-74.85832977	250	11	88	Starboard	20	Indoors	Yes
Kitikmeot W.	08-Aug-22	10:30	10:35	62.83000183	-74.82333374	62.83000183	-74.79166412	250	11	88	Starboard	20	Indoors	No
Kitikmeot W.	08-Aug-22	10:40	10:45	62.83000183	-74.76000214	62.82833481	-74.72499847	250	11	88	Starboard	20	Indoors	Yes
Kitikmeot W.	08-Aug-22	10:50	10:55	62.82833481	-74.68000031	62.82833481	-74.65333557	250	11	88	Starboard	20	Indoors	No
Kitikmeot W.	08-Aug-22	20:00	20:05	62.29499817	-71.36000061	62.28666687	-71.33666992			113	Starboard	20	Indoors	Yes
Kitikmeot W.	08-Aug-22	20:10	20:15	62.28166658	-71.30166626	62.2733345	-71.26999664			113	Starboard	20	Indoors	No
Kitikmeot W.	08-Aug-22	20:20	20:25	62.26833344	-71.24333191	62.25999832	-71.21333313			113	Starboard	20	Indoors	No

Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Kitikmeot W.	08-Aug-22	20:30	20:35	62.25500107	-71.1866684	62.24499893	-71.16333008			113	Starboard	20	Indoors	No
Kitikmeot W.	08-Aug-22	20:40	20:45	62.24166489	-71.13166809	62.23500061	-71.09999847			113	Starboard	20	Indoors	No
Kitikmeot W.	08-Aug-22	20:50	20:55	62.22833252	-71.07499695	62.22000122	-71.04666901			113	Starboard	20	Indoors	No
Kitikmeot W.	09-Aug-22	06:20	06:25	61.44666672	-67.51667023	61.43999863	-67.48332977	280	11.5	115	Starboard	25	Indoors	No
Kitikmeot W.	09-Aug-22	06:30	06:35	61.43333435	-67.45166779	61.42666626	-67.41833496	280	11.5	115	Starboard	25	Indoors	Yes
Kitikmeot W.	09-Aug-22	06:40	06:45	61.41999817	-67.38999939	61.41333389	-67.36166382	280	11.5	115	Starboard	25	Indoors	No
Kitikmeot W.	09-Aug-22	06:50	06:55	61.4066658	-67.33000183	61.40000153	-67.30000305	280	11.5	115	Starboard	25	Indoors	No
Kitikmeot W.	09-Aug-22	07:00	07:05	61.39333344	-67.26999664	61.38666534	-67.23999786	280	11.5	115	Starboard	25	Indoors	Yes
Kitikmeot W.	09-Aug-22	07:10	07:15	61.38000107	-67.20833588	61.37333298	-67.17500305	280	11.5	115	Starboard	25	Indoors	No
Kitikmeot W.	09-Aug-22	08:00	08:05	61.31833267	-66.91999817	61.31333316	-66.88666534	247	11	115	Starboard	20	Indoors	No
Kitikmeot W.	09-Aug-22	08:10	08:15	61.30500031	-66.86000061	61.29833221	-66.8216629	247	11	115	Starboard	20	Indoors	No
Kitikmeot W.	09-Aug-22	08:20	08:25	61.29166794	-66.79833221	61.28499985	-66.75666809	247	11	115	Starboard	20	Indoors	No
Kitikmeot W.	09-Aug-22	08:30	08:35	61.27666855	-66.73666382	61.27000046	-66.70500183	247	11	115	Starboard	20	Indoors	No
Kitikmeot W.	09-Aug-22	08:40	08:45	61.26333237	-66.67333221	61.25500107	-66.64666748	247	11	115	Starboard	20	Indoors	No
Kitikmeot W.	09-Aug-22	08:50	08:55	61.24833298	-66.61166382	61.24000168	-66.57666779	247	11	115	Starboard	20	Indoors	No
Kivalliq W.	13-Jul-22	22:00		64.30666351	-76.00166321	64.30666351	-76.00166321	270	0.9	204	Starboard	20	Indoors	Yes
Kivalliq W.	13-Jul-22	22:40		64.30000305	-95.97666931	64.30000305	-95.97666931	270	0.9	204	Starboard	20	Indoors	Yes
Kivalliq W.	13-Jul-22	22:45	22:50	64.30000305	-95.84333038	64.30000305	-95.84333038	270	0.9	204	Starboard	20	Indoors	No
Kivalliq W.	13-Jul-22	23:00		64.30000305	-95.84333038	64.30000305	-95.84333038	270	0.9	204	Starboard	20	Indoors	No
Kivalliq W.	13-Jul-22	23:05		64.30000305	-95.84333038	64.30000305	-95.84333038	270	0.9	204	Starboard	20	Indoors	No
Kivalliq W.	13-Jul-22	23:00		64.30000305	-95.84333038	64.30000305	-95.84333038	270	0.9	204	Starboard	20	Indoors	No
Kivalliq W.	14-Jul-22	07:54	08:00	63.9383316	-93.63500214	63.9383316	-93.63500214	315	0	305	Starboard	20	Indoors	No
Kivalliq W.	14-Jul-22	08:10	08:15	63.9383316	-93.63666534	63.9383316	-93.63666534	315	0	305	Starboard	20	Indoors	Yes
Kivalliq W.	14-Jul-22	08:20	08:25	63.9383316	-93.63666534	63.9383316	-93.63666534	315	0	305	Starboard	20	Indoors	No
Kivalliq W.	14-Jul-22	08:30	08:35	63.9383316	-93.63666534	63.9383316	-93.63666534	315	0	305	Starboard	20	Indoors	No
Kivalliq W.	14-Jul-22	08:40	08:45	63.9383316	-93.63666534	63.9383316	-93.63666534	315	0	305	Starboard	20	Indoors	Yes
Kivalliq W.	14-Jul-22	08:50	09:00	63.9383316	-93.64167023	63.9383316	-93.64167023	315	0	305	Starboard	20	Indoors	Yes
Kivalliq W.	16-Jul-22	12:06	12:11	64.12166595	-94.3666687	64.12166595	-94.37999725	315	7.5	210	Starboard	20	Indoors	Yes
Kivalliq W.	16-Jul-22	12:11	12:16	64.12000275	-94.37999725	64.12000275	-94.39666748	315	7.5	210	Starboard	20	Indoors	No
Kivalliq W.	16-Jul-22	12:22	12:27	64.12000275	-94.44333649	64.12000275	-94.43499756	315	7.5	210	Starboard	20	Indoors	Yes
Kivalliq W.	16-Jul-22	12:27	12:38	64.11816406	-94.44333649	64.11816406	-94.44333649	315	7.5	210	Starboard	20	Indoors	No
Kivalliq W.	16-Jul-22	12:38	12:43	64.11816406	-94.4366684	64.1186676	-94.54499817	315	7.5	210	Starboard	20	Indoors	Yes
Kivalliq W.	16-Jul-22	13:10	13:15	64.13166809	-94.79166412	64.12999725	-94.83666992	315	7.5	210	Starboard	20	Indoors	No
Kivalliq W.	15-Jul-22	16:00	16:05	64.12333679	-94.37333679	64.12333679	-94.37333679	225	0		Port	20	Indoors	Yes
Kivalliq W.	15-Jul-22	16:06	16:11	64.12333679	-94.37333679	64.12333679	-94.37333679	225	0		Port	20	Indoors	Yes
Kivalliq W.	15-Jul-22	16:15	16:20	64.12333679	-94.37333679	64.12333679	-94.37333679	225	0		Port	20	Indoors	No
Kivalliq W.	15-Jul-22	16:30	16:35	64.12333679	-94.37333679	64.12333679	-94.37333679	225	0		Port	20	Indoors	No
Kivalliq W.	15-Jul-22	16:40	16:45	64.12333679	-94.37333679	64.12333679	-94.37333679	225	0		Port	20	Indoors	No
Kivalliq W.	15-Jul-22	17:00	17:05	64.12333679	-94.37333679	64.12333679	-94.37333679	225	0		Port	20	Indoors	No
Miena	04-Jul-22		18:00			60.5	-65.80000305		12.8	290	Port	33		Yes
Miena	04-Jul-22	16:11	16:16						12.8	290	Port	33		Yes
Miena	04-Jul-22	16:16	16:21						12.8	290	Port	33		No
Miena	04-Jul-22	16:22	16:27						12.8	290	Port	33		Yes
Miena	04-Jul-22	16:28	16:37						12.8	290	Port	33		Yes
Miena	04-Jul-22	16:35	16:40				-66.00499725		12.8	290	Port	33		Yes
Miena	05-Jul-22	14:52	14:57	62.49666595	-73.37000275			295	12.3	276	Starboard	33		Yes
Miena	05-Jul-22	14:59	15:04					295	12.3	276	Starboard	33		Yes
Miena	05-Jul-22	15:06	15:11			62.50166702	-73.52833557	295	12.3	276	Starboard	33		Yes
Miena	05-Jul-22	15:12	15:17			62.50333405	-73.58166504	295	12.3	276	Starboard	33		Yes

Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Miena	05-Jul-22	15:19	15:25			62.50666809	-73.59166718	295	12.3	276	Starboard	33		No
Miena	05-Jul-22	15:26	15:31			62.50999832	-73.70500183	295	12.3	276	Starboard	33		No
Miena	06-Jul-22	14:55	15:00	62.04333496	-84.3216629				12.9	280	Port	33	Outdoors	Yes
Miena	06-Jul-22	15:04	15:09	63.04949951	-84.38916779	63.05500031	-84.45833588		12.9	280	Port	33	Outdoors	Yes
Miena	06-Jul-22	15:11	15:16			60.0613327	-84.51667023		12.9	280	Port	33	Outdoors	Yes
Miena	06-Jul-22	16:19	16:24			62.06499863	-84.55833435		12.9	280	Port	33	Outdoors	No
Miena	06-Jul-22	16:25	16:30			62.06833267	-84.60166931		12.9	280	Port	33	Outdoors	No
Miena	06-Jul-22	06:31	16:36			62.07166672	-84.64499664		12.9	280	Port	33	Outdoors	Yes
Miena	08-Jul-22	14:30	15:00	62.76666641	-92.08333588	62.76666641	-92.08333588		0	270	9	32	Outdoors	Yes
Miena	09-Jul-22	14:30	15:00	62.77666855	-92.09500122	62.77666855	-92.09500122	95	0	118	Port	32	Indoors	Yes
Miena	10-Jul-22	14:00	14:30	62.77666855	-92.09166718	62.77666855	-92.09166718	190	0	180	Port	33	Outdoors	Yes
Miena	11-Jul-22	10:00	10:30	62.77666855	-92.09166718	62.77666855	-92.09166718	200	0	170	Port	33	Outdoors	Yes
Miena	13-Jul-22	10:00	10:30	62.77500153	-92.08833313	62.75833511	-92.08833313		0	250	Port	34	Outdoors	Yes
Miena	15-Jul-22	15:05	15:10	62.04833221	-82.99500275	62.05500031	-82.95166779	16	13.6	97	Starboard	34	Indoors	No
Miena	15-Jul-22	15:12	15:17	62.05500031	-82.99500275	62.06000137	-82.90833282	16	13.6	97	Starboard	34	Indoors	No
Miena	15-Jul-22	15:18	15:23			62.06666565	-82.86333466	16	13.6	97	Starboard	34	Indoors	No
Miena	15-Jul-22	15:24	15:29	62.06666565	-82.86499786	62.07333374	-82.81500244	16	13.6	97	Starboard	34	Indoors	No
Miena	15-Jul-22	15:30	15:35	62.07333374	-82.81500244	62.08000183	-82.77500153	16	13.6	97	Starboard	34	Indoors	No
Miena	15-Jul-22	15:30	15:41	62.08000183	-82.77500153	62.08666611	-82.72499847	16	13.6	97	Starboard	34	Indoors	No
Miena	16-Jul-22	15:04	15:09	61.77999878	-70.94499969	61.77333345	-70.86166382	16	13.7	123	Starboard	34	Outdoors	No
Miena	16-Jul-22	15:10	15:15	61.77333345	-70.86000061	61.76166534	-70.81833649	16	13.7	123	Starboard	34	Outdoors	Yes
Miena	16-Jul-22	15:16	15:21	61.76166534	-70.81833649	61.74166489	-70.82833099	16	13.7	123	Starboard	34	Outdoors	Yes
Miena	16-Jul-22	16:22	16:27	61.73333359	-70.7416687	61.72999954	-70.70666504	16	13.7	123	Starboard	34	Outdoors	Yes
Miena	16-Jul-22	16:28	16:33	61.72000122	-70.70166779	61.72000122	-70.6783371	16	13.7	123	Starboard	34	Outdoors	No
Miena	16-Jul-22	16:35	16:40			61.70833206	-70.62166595	16	13.7	123	Starboard	34	Outdoors	No
Miena	17-Jul-22	13:01	13:06	60.17666626	-61.04999924	60.16833496	-61.99833298	10	11	105	Starboard	34	Outdoors	Yes
Miena	17-Jul-22	13:08	13:13	60.15000153	-61.99666595	60.15999985	-60.95999908	10	11	105	Starboard	34	Outdoors	Yes
Miena	17-Jul-22	13:16	13:21	60.15833282	-60.94166565	60.15166855	-60.90000153	10	11	105	Starboard	34	Outdoors	Yes
Miena	17-Jul-22	13:22	13:27	60.15166855	-60.8983345	60.14333344	-60.85333252	10	11	105	Starboard	34	Outdoors	No
Miena	17-Jul-22	13:29	13:34	60.14333344	-60.84833145	60.13833237	-60.81499863	10	11	105	Starboard	34	Outdoors	No
Miena	17-Jul-22	13:35	13:40	60.13666534	-60.8116684	60.13000107	-60.75999832	10	11	105	Starboard	34	Outdoors	Yes
Atlantic Beech	05-Aug-22	09:00		64.3033371	-95.95333099			315	0	200				Yes
Atlantic Beech	31-Jul-22	21:00		64	-94.31666565			315	6	0				Yes
Atlantic Beech	29-Jul-22	12:00		63.94166565	-93.64167023			315	0	50				Yes
Atlantic Beech	28-Jul-22	19:30		64.28333282	-95.88833618			315	6.5	130				Yes
Atlantic Beech	18-Jul-22	15:30		64.04166412	-94.31666565			315	7	321				Yes
Atlantic Beech	17-Jul-22	14:30		63.58333206	-91.21833038				5	270				Yes
Atlantic Beech	15-Jul-22	11:33		62.63333511	-80.28333282				8	256				Yes
Atlantic Beech	14-Jul-22	11:30		62.82500076	-75.72000122				7.5	270				Yes
Atlantic Beech	14-Jul-22	14:20		62.83416748	-74.46067047				8.2	270				Yes
Atlantic Beech	14-Jul-22	12:35		62.81116486	-74.05049896			135	8.3	285				Yes
Atlantic Beech	14-Jul-22	08:08		62.47333145	-72.92500305				7.2					Yes
Atlantic Elm	14-Jul-22	06:30		60.7171669	-67.76716614			0	7.7	270				Yes
Atlantic Elm	14-Jul-22	21:16		61.56666565	-70.8833313			270	7.8	320				Yes
Atlantic Elm	14-Jul-22	21:15		61.66666794	-70.83333588			270	7.8	320				Yes
Atlantic Elm	14-Jul-22	21:00		61.66666794	-70.83333588			270	7.5	318				Yes
Atlantic Elm	15-Jul-22	06:36		62.2254982	-72.33666992			315	6	303				Yes
Atlantic Elm	16-Jul-22	20:00		62.54999924	-75.81666565			225	7.1	275				Yes
Atlantic Elm	16-Jul-22	07:00		62.59483337	-78.64533234				7	260				Yes



Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Atlantic Elm	16-Jul-22	07:25		62.58499908	-78.73049927				6.8	260				Yes
Atlantic Elm	16-Jul-22	20:00		62.08850098	-82.46666718			90	7.4	254				Yes
Atlantic Elm	16-Jul-22	20:15		62.08200073	-82.51633453			90	7.5	253				Yes
Atlantic Elm	16-Jul-22	20:35		62.06733322	-82.58999634			90	7.5	252				Yes
Atlantic Elm	17-Jul-22	20:49		63.1894989	-88.84549713			315	8.2	290				Yes
Atlantic Elm	17-Jul-22	20:55		62.98600006	-88.90682983			315	7.5					Yes
Atlantic Elm	17-Jul-22	20:55		62.98600006	-88.90682983			315	7.5	289				Yes
Atlantic Elm	25-Jul-22	06:15		63.95916748	-93.57033539				0	33				Yes
Atlantic Elm	13-Jul-22			60.55049896	-65.59500122			90	7	277				Yes
Nordika Desgagnes	11-Jul-22	13:00	13:05	60.67950058	-67.7488327				12.5	296	Starboard	20	Indoors	Yes
Nordika Desgagnes	11-Jul-22	13:05	13:10						12.5	296	Starboard	20	Indoors	Yes
Nordika Desgagnes	11-Jul-22	13:10	13:15						12.5	296	Starboard	20	Indoors	Yes
Nordika Desgagnes	11-Jul-22	13:15	13:20						12.5	296	Starboard	20	Indoors	Yes
Nordika Desgagnes	11-Jul-22	13:20	13:25						12.5	296	Starboard	20	Indoors	Yes
Nordika Desgagnes	11-Jul-22	13:25	13:30						12.5	296	Starboard	20	Indoors	Yes
Nordika Desgagnes	11-Jul-22	14:00	14:05	60.85150146	-68.42549896				13.2	297	Starboard	20	Indoors	No
Nordika Desgagnes	11-Jul-22	14:05	14:10						13.2	297	Starboard	20	Indoors	No
Nordika Desgagnes	11-Jul-22	14:10	14:15						13.2	297	Starboard	20	Indoors	No
Nordika Desgagnes	11-Jul-22	14:15	14:20						13.2	297	Starboard	20	Indoors	Yes
Nordika Desgagnes	11-Jul-22	14:20	14:25						13.2	297	Starboard	20	Indoors	No
Nordika Desgagnes	11-Jul-22	14:25	14:30						13.2	297	Starboard	20	Indoors	No
Nordika Desgagnes	11-Jul-22	15:00	15:05	60.94683456	-68.80966949				13.1	308	Starboard	20	Indoors	No
Nordika Desgagnes	11-Jul-22	15:05	15:10						13.1	308	Starboard	20	Indoors	No
Nordika Desgagnes	11-Jul-22	15:10	15:15						13.1	308	Starboard	20	Indoors	No
Nordika Desgagnes	11-Jul-22	15:15	15:20						13.1	308	Starboard	20	Indoors	No
Nordika Desgagnes	11-Jul-22	15:20	15:25						13.1	308	Starboard	20	Indoors	No
Nordika Desgagnes	11-Jul-22	15:25	15:30			61.2120018	-69.48266602		13.1	308	Starboard	20	Indoors	Yes
Nordika Desgagnes	13-Jul-22	13:00		62.32833481	-88.13166809				14	281	Starboard	20	Indoors	Yes
Nordika Desgagnes	22-Jul-22	14:00	14:05	62.75999832	-92.0633316			270	8.4	146	Starboard	20	Indoors	Yes
Nordika Desgagnes	23-Jul-22	13:00	13:05	62.28333282	-81.77500153			45	13	46	Starboard	20	Indoors	Yes
Nordika Desgagnes	24-Jul-22	13:00	13:05	61.7816658	-71.03333282			90	12.9	129	Starboard	20	Indoors	Yes
Nordika Desgagnes	24-Jul-22	13:05	13:10					90	12.9	129	Starboard	20	Indoors	No
Nordika Desgagnes	24-Jul-22	13:10	13:15					90	12.9	129	Starboard	20	Indoors	No
Nordika Desgagnes	24-Jul-22	13:15	13:20					90	12.9	129	Starboard	20	Indoors	Yes
Nordika Desgagnes	24-Jul-22	13:20	13:25					90	12.9	129	Starboard	20	Indoors	No
Nordika Desgagnes	24-Jul-22	13:25	13:30					90	12.9	129	Starboard	20	Indoors	No
Tuvaq W.	12-Jul-22	12:00	13:00	63.51499939	-90.99666595			290			Starboard	20	Indoors	Yes
Tuvaq W.	13-Jul-22	12:00	13:00	63.51499939	-90.99666595	63.61000061	-91.33000183	290	10	296	Starboard	20	Indoors	Yes
Tuvaq W.	14-Jul-22	10:00	11:00	63.92666626	-93.91000366	63.99499893	-94.19333649	135	10	250	Starboard	20	Indoors	Yes
Tuvaq W.	14-Jul-22	12:00	13:00	62.97333145	-79.11499786	62.95000076	-79.51499939	160	8			20	Indoors	Yes
Tuvaq W.	15-Jul-22	12:00	13:00	63.98666763	-94.11499786	64.04000092	-94.32333374		8	290	Port	20	Indoors	Yes
Tuvaq W.	15-Jul-22	12:00	13:00	61.09000015	-64.79666901	61.23166656	-65.27333069	210	7.8	319		15		Yes
Tuvaq W.	16-Jul-22	12:00	13:00	63.91999817	-93.94999695	63.99333191	-94.23666382	320	7.5	250	Starboard	20	Indoors	Yes
Tuvaq W.	16-Jul-22	12:00	13:00	63.98333359	-94.23332977	64.1166687	-94.44999695		8.5		Starboard	15	Indoors	Yes
Tuvaq W.	17-Jul-22	12:00	13:00	63.92666626	-93.9916687	63.99499893	-94.23300171	160		315	Starboard	15	Indoors	Yes
Tuvaq W.	17-Jul-22	12:00	13:00	64.29833221	-95.97499847	64.29833221	-95.97499847		0	0	Starboard	20	Indoors	Yes
Tuvaq W.	20-Jul-22	15:00	16:00	64.12833405	-94.63666534	64.06833649	-94.37666321	119	8.6	90	Starboard	20	Indoors	Yes
Tuvaq W.	21-Jul-22	10:00	10:20	63.3116684	-90.63833618	63.3116684	-90.63833618		0	170	Starboard	20	Indoors	Yes
Tuvaq W.	22-Jul-22	12:50	13:50	63.57833481	-91.09333038	63.63333511	-91.52999878		12.5	279		20		Yes

Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Tuvaq W.	24-Jul-22	14:00	15:00	63.62833405	-91.41333008	63.58000183	-91.09833527					15	Indoors	Yes
Tuvaq W.	26-Jul-22	13:00		63.75333405	-92.375	63.81000137	-92.63999939		8			15	Indoors	No
Tuvaq W.	02-Aug-22	14:28	15:00	63.99499893	-94.23999786	64.01833344	-94.3133316	315	4.8			15		Yes
Tuvaq W.	04-Aug-22	15:10	15:56	62.97000122	-94.06999969	63.99333191	-94.24500275	286	8			15		Yes
Tuvaq W.	27-Jul-22	10:15		64.03833008	-94.31833649				5.5	138				Yes
Zelada Desgagnes	23-Jul-22	09:11	09:16	62.66333389	-79.09816742	62.65999985	-79.17500305	45	14	263	Starboard	20	Indoors	Yes
Zelada Desgagnes	23-Jul-22	09:17	09:22	62.65999985	-79.17500305	62.65833282	-79.20166779	45	14	263	Starboard	20	Indoors	Yes
Zelada Desgagnes	23-Jul-22	09:23	09:28	62.65833282	-79.20666504	62.6566658	-79.25666809	45	14	263	Starboard	20	Indoors	Yes
Zelada Desgagnes	23-Jul-22	09:29	09:34	62.6566658	-79.27500153	62.65499878	-79.30666351	45	14	263	Starboard	20	Indoors	Yes
Zelada Desgagnes	23-Jul-22	09:35	09:40	62.65416718	-79.26000214	62.65166855	-79.35832977	45	14	263	Starboard	20	Indoors	Yes
Zelada Desgagnes	23-Jul-22	09:41	09:46	62.65000153	-79.36000061	62.64833345	-79.40166473	45	14	263	Starboard	20	Indoors	Yes
Zelada Desgagnes	23-Jul-22	20:05	20:10	61.88499832	-84.16333008	61.88333511	-84.18000031	45	14	260	Starboard	20	Indoors	Yes
Zelada Desgagnes	23-Jul-22	20:12	20:17	61.88166809	-84.1883316	61.87833405	-84.22333527	45	14	260	Starboard	20	Indoors	Yes
Zelada Desgagnes	23-Jul-22	20:20	20:25	61.87333298	-84.26333618	61.87166595	-84.28500366	45	14	260	Starboard	20	Indoors	Yes
Zelada Desgagnes	23-Jul-22	20:28	20:33	61.86833191	-84.31666565	61.86500168	-84.35333252	45	14	260	Starboard	20	Indoors	No
Zelada Desgagnes	23-Jul-22	20:35	20:40	61.86333466	-84.38166809	61.86166763	-84.41166687	45	14	260	Starboard	20	Indoors	Yes
Zelada Desgagnes	23-Jul-22	20:42	20:47	61.85833359	-84.43000031	61.85666656	-84.45999908	45	14	260	Starboard	20	Indoors	Yes
Zelada Desgagnes	24-Jul-22	11:00	11:05	61.26499939	-91.39833069	61.26333237	-91.43333435	0	14	260	Starboard	20	Indoors	Yes
Zelada Desgagnes	24-Jul-22	11:07	11:12	61.26166534	-91.44333649	61.25833511	-91.47000122	0	14	260	Starboard	20	Indoors	No
Zelada Desgagnes	24-Jul-22	11:13	11:18	61.25749969	-91.4908371	61.25500107	-91.52500153	0	14	260	Starboard	20	Indoors	Yes
Zelada Desgagnes	24-Jul-22	11:19	11:24	61.25333405	-91.53333282	61.25	-91.57499695	0	14	260	Starboard	20	Indoors	Yes
Zelada Desgagnes	24-Jul-22	11:25	11:30	61.24900055	-91.58000183	61.24583435	-91.61833191	0	14	260	Starboard	20	Indoors	Yes
Zelada Desgagnes	24-Jul-22	11:31	11:36	61.24499893	-91.62999725	61.24166489	-91.66666412	0	14	260	Starboard	20	Indoors	Yes
Zelada Desgagnes	24-Jul-22	21:08	21:13	61.10666656	-93.96333313	61.10666656	-93.96333313				Port	20	Outdoors	Yes
Zelada Desgagnes	24-Jul-22	21:20	21:25	61.10666656	-93.96333313	61.10666656	-93.96333313				Port	20	Outdoors	Yes
Zelada Desgagnes	24-Jul-22	21:29	21:24	61.10666656	-93.96333313	61.10666656	-93.96333313				Port	20	Outdoors	No
Zelada Desgagnes	24-Jul-22	21:35	21:40	61.10666656	-93.96333313	61.10666656	-93.96333313				Port	20	Outdoors	No
Zelada Desgagnes	24-Jul-22	21:42	21:47	61.10666656	-93.96333313	61.10666656	-93.96333313				Port	20	Outdoors	Yes
Zelada Desgagnes	24-Jul-22	21:55	22:00	61.10666656	-93.96333313	61.10666656	-93.96333313				Port	20	Outdoors	No
Zelada Desgagnes	25-Jul-22	19:05	19:12	61.28666687	-93.12166595	61.31499863	-93.0716629	45	12	40	Port	20		Yes
Zelada Desgagnes	25-Jul-22	19:18	19:23	61.31999969	-93.0616684	61.33666611	-93.03500366	45	12	40	Port	20		No
Zelada Desgagnes	25-Jul-22	19:27	19:32		-93.01999664	61.35833359	-92.99166687	45	12	40	Port	20		No
Zelada Desgagnes	25-Jul-22	19:38	19:43	61.37166595	-92.96499634	61.38666534	-92.93666684	45	12	40	Port	20		No
Zelada Desgagnes	25-Jul-22	19:45	19:50	61.38999939	-92.93000031		-92.90499878	45	12	40	Port	20		No
Zelada Desgagnes	25-Jul-22	19:51	19:56	61.40499878	-92.90333557	61.41833496	-92.87999725	45	12	40	Port	20		No
Zelada Desgagnes	27-Jul-22	04:00	04:05	63.94166565	-93.64333344	63.94166565	-93.64333344	0	0		Starboard	20	Outdoors	No
Zelada Desgagnes	27-Jul-22	04:05	04:10	63.94166565	-93.64333344	63.94166565	-93.64333344	0	0		Starboard	20	Outdoors	No
Zelada Desgagnes	27-Jul-22	04:10	04:15	63.94166565	-93.64333344	63.94166565	-93.64333344	0	0		Starboard	20	Outdoors	No
Zelada Desgagnes	27-Jul-22	04:15	04:20	63.94166565	-93.64333344	63.94166565	-93.64333344	0	0		Starboard	20	Outdoors	No
Zelada Desgagnes	27-Jul-22	04:20	04:25	63.94166565	-93.64333344	63.94166565	-93.64333344	0	0		Starboard	20	Outdoors	No
Zelada Desgagnes	27-Jul-22	04:25	04:30	63.94166565	-93.64333344	63.94166565	-93.64333344	0	0		Starboard	20	Outdoors	No
Zelada Desgagnes	27-Jul-22	20:00	20:05	63.94166565	-93.64167023	63.94166565	-93.64167023	270	0	0		20	Outdoors	Yes
Zelada Desgagnes	27-Jul-22	20:10	20:15	63.94166565	-93.63999939	63.94166565	-93.64167023	270	0	0		20	Outdoors	Yes
Zelada Desgagnes	27-Jul-22	20:19	20:24	63.94166565	-93.64167023	63.94166565	-93.64167023	270	0	0		20	Outdoors	No
Zelada Desgagnes	27-Jul-22	20:30	20:35	63.94166565	-93.63999939	63.94166565	-93.63999939	270	0	0		20	Outdoors	No
Zelada Desgagnes	27-Jul-22	20:40	20:45	63.94166565	-93.64167023	63.94166565	-93.64167023	270	0	0		20	Outdoors	No
Zelada Desgagnes	27-Jul-22	20:51	21:01	63.94166565	-93.63999939	63.94166565	-93.63999939	270	0	0		20	Outdoors	No
Zelada Desgagnes	28-Jul-22	19:00	19:08	63.94166565	-93.64199829	63.94166565	-93.64167023		0	318	Starboard	20	Outdoors	Yes
Zelada Desgagnes	28-Jul-22	19:18	19:23	63.94166565	-93.63999939	63.94166565	-93.63999939		0	318	Starboard	20	Outdoors	No

Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Zelada Desgagnes	28-Jul-22	19:27	19:32	63.94166565	-93.63999939	63.94166565	-93.63999939		0	318	Starboard	20	Outdoors	No
Zelada Desgagnes	28-Jul-22	19:39	19:44	63.94166565	-93.63999939	63.94166565	-93.63999939		0	318	Starboard	20	Outdoors	No
Zelada Desgagnes	28-Jul-22	19:53	19:58	63.94166565	-93.63999939		-93.63999939		0	318	Starboard	20	Outdoors	No
Zelada Desgagnes	28-Jul-22	20:05	20:10	63.94166565	-93.64167023	63.94166565	-93.64167023		0	318	Starboard	20	Outdoors	Yes
Zelada Desgagnes	29-Jul-22	19:20	19:27	63.94166565	-93.64167023	63.94166565	-93.64167023	318		318	Starboard	20	Outdoors	Yes
Zelada Desgagnes	29-Jul-22	19:31	19:36	63.94166565	-93.64167023	63.94166565	-93.64167023	318		318	Starboard	20	Outdoors	No
Zelada Desgagnes	29-Jul-22	19:42	19:48	63.94166565	-93.64167023	63.94166565	-93.64167023	318		318	Starboard	20	Outdoors	No
Zelada Desgagnes	29-Jul-22	20:01	20:06	63.94166565	-93.64167023	63.94166565	-93.64167023	318		318	Starboard	20	Outdoors	Yes
Zelada Desgagnes	29-Jul-22	20:10	20:15	63.94166565	-93.64167023	63.94166565	-93.64167023	318		318	Starboard	20	Outdoors	No
Zelada Desgagnes	29-Jul-22	20:18	20:24	63.94166565	-93.64167023	63.94166565	-93.64167023	318		318	Starboard	20	Outdoors	No
Zelada Desgagnes	30-Jul-22	19:00	19:05	63.93999863	-93.63999939	63.93999863	-93.63999939	322	0	322	Starboard	20	Outdoors	No
Zelada Desgagnes	30-Jul-22	19:09	19:16	63.93999863	-93.63999939	63.93999863	-93.63999939	322	0	322	Starboard	20	Outdoors	No
Zelada Desgagnes	30-Jul-22	19:20	19:25	63.93999863	-93.63999939	63.93999863	-93.63999939	322	0	322	Starboard	20	Outdoors	No
Zelada Desgagnes	30-Jul-22	19:30	19:35	63.93999863	-93.63999939	63.93999863	-93.63999939	322	0	322	Starboard	20	Outdoors	No
Zelada Desgagnes	30-Jul-22	19:42	19:47	63.93999863	-93.63999939	63.93999863	-93.63999939	322	0	322	Starboard	20	Outdoors	Yes
Zelada Desgagnes	30-Jul-22	19:50	19:55	63.93999863	-93.63999939	63.93999863	-93.63999939	322	0	322	Starboard	20	Outdoors	No
Zelada Desgagnes	31-Jul-22	19:25	19:30	63.93999863	-93.63999939	63.93999863	-93.63999939	314	0	310	Port	2	Indoors	No
Zelada Desgagnes	31-Jul-22	19:33	19:39	63.93999863	-93.63999939	63.93999863	-93.63999939	314	0	310	Port	2	Indoors	No
Zelada Desgagnes	31-Jul-22	19:42	19:47	63.93999863	-93.63999939	63.93999863	-93.63999939	314	0	310	Port	2	Indoors	No
Zelada Desgagnes	31-Jul-22	19:45	19:50	63.93999863	-93.63999939	63.93999863	-93.63999939	314	0	310	Port	2	Indoors	No
Zelada Desgagnes	31-Jul-22	19:54	19:59		-93.63999939	63.93999863	-93.63999939	314	0	310	Port	2	Indoors	No
Zelada Desgagnes	31-Jul-22	20:03	20:08	63.93999863	-93.63999939	63.93999863	-93.63999939	314	0	310	Port	2	Indoors	No
Zelada Desgagnes	01-Aug-22	18:36	18:41	63.93999863	-93.63999939	63.93999863	-93.63999939	300	0	297	Starboard	20	Outdoors	No
Zelada Desgagnes	01-Aug-22	18:45	18:49	63.93999863	-93.63999939	63.93999863	-93.63999939	300	0	297	Starboard	20	Outdoors	No
Zelada Desgagnes	01-Aug-22	18:49	18:54	63.93999863	-93.63999939	63.93999863	-93.63999939	300	0	297	Starboard	20	Outdoors	No
Zelada Desgagnes	01-Aug-22	18:54	18:59	63.93999863	-93.63999939	63.93999863	-93.63999939	300	0	297	Starboard	20	Outdoors	No
Zelada Desgagnes	01-Aug-22	19:01	19:05	63.93999863	-93.63999939	63.93999863	-93.63999939	300	0	297	Starboard	20	Outdoors	No
Zelada Desgagnes	01-Aug-22	19:07	19:11	63.93999863	-93.63999939	63.93999863	-93.63999939	300	0	297	Starboard	20	Outdoors	No
Zelada Desgagnes	01-Aug-22	19:12	19:16	63.68333435	-87.48000336	62.67499924	-87.44166565	180	14.2	115	Port	20	Indoors	No
Zelada Desgagnes	01-Aug-22	19:18	19:22	62.67499924	-87.4383316	62.66833496	-87.41166687	180	14.2	115	Port	20	Indoors	No
Zelada Desgagnes	01-Aug-22	19:24	19:29	62.66666794	-87.40499878	62.66333389	-87.38500214	180	14.2	115	Port	20	Indoors	No
Zelada Desgagnes	01-Aug-22	19:31	19:36	62.66166687	-87.37833405	62.6566658	-87.35166931	180	14.2	115	Port	20	Indoors	No
Zelada Desgagnes	01-Aug-22	19:38	19:43	62.65499878	-87.34500122	62.64666748	-87.30999756	180	14.2	115	Port	20	Indoors	Yes
Zelada Desgagnes	01-Aug-22	19:45	19:50	62.64333344	-87.29166412	62.63833237	-87.27166748	180	14.2	115	Port	20	Indoors	No
Zelada Desgagnes	03-Aug-22	10:20	10:25	62.62333298	-80.25666809	62.63333511	-80.20999908	135	15	63	Starboard	20	Indoors	Yes
Zelada Desgagnes	03-Aug-22	10:26	10:31	62.63499832	-80.20333099	62.64500046	-80.15666962	135	15	63	Starboard	20	Indoors	No
Zelada Desgagnes	03-Aug-22	10:32	10:37	62.64666748	-80.15166473	62.6566658	-80.11833191	135	15	63	Starboard	20	Indoors	Yes
Zelada Desgagnes	03-Aug-22	10:42	10:47	62.66500092	-80.06999969	62.67499924	-80.02333069	135	15	63	Starboard	20	Indoors	Yes
Zelada Desgagnes	03-Aug-22	10:49	10:54	62.67666626	-80.01833344	62.68166733	-79.97833252	135	15	63	Starboard	20	Indoors	No
Zelada Desgagnes	03-Aug-22	10:55	11:00	62.68249893	-79.96499634	62.6866684	-79.92500305	135	15	63	Starboard	20	Indoors	Yes
Zelada Desgagnes	04-Aug-22	20:50	20:55	60.49333191	-64.47833252	60.48833466	-64.44000244	270	13	123	Starboard	20	Indoors	Yes
Zelada Desgagnes	04-Aug-22	20:56	21:01	60.48666763	-64.4366684	60.48166656	-64.39167023	270	13	123	Starboard	20	Indoors	Yes
Zelada Desgagnes	04-Aug-22	21:02	21:07	60.48166656	-64.38999939	60.47833252	-64.35500336	270	13	123	Starboard	20	Indoors	Yes
Zelada Desgagnes	04-Aug-22	21:08	21:13	60.47666655	-64.35166931	60.47333145	-64.32333374	270	13	123	Starboard	20	Indoors	Yes
Zelada Desgagnes	04-Aug-22	21:16	21:21	60.46666718	-64.27500153	60.46333313	-64.24500275	270	13	123	Starboard	20	Indoors	Yes
Zelada Desgagnes	04-Aug-22	21:22	21:27	60.46333313	-64.23500061	60.45999908	-64.20999908	270	13	123	Starboard	20	Indoors	Yes
Claude A Desgagnes	11-Sep-22	12:00	12:05	60.09999847	-63.63333511			270	11.8	323	Port	30	Indoors	Yes
Claude A Desgagnes	11-Sep-22	12:05	12:10	60.09999847	-63.65000153	60.11666489	-63.66666794	270	11.8	323	Port	30	Indoors	Yes
Claude A Desgagnes	11-Sep-22	12:10	12:15	60.11666489	-63.66666794	60.13333511	-63.70000076	270	11.8	323	Port	30	Indoors	Yes

Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Claude A Desgagnes	11-Sep-22	12:15	12:20	60.13333511	-63.70000076	60.15000153	-63.71666718	270	11.8	323	Port	30	Indoors	Yes
Claude A Desgagnes	11-Sep-22	12:20	12:25	60.15000153	-63.71666718	60.15000153	-63.73333359	270	11.8	323	Port	30	Indoors	Yes
Claude A Desgagnes	11-Sep-22	12:25	12:30	60.15000153	-63.73333359	60.16666794	-63.75	270	11.8	323	Port	30	Indoors	Yes
Claude A Desgagnes	11-Sep-22	15:30	15:35	60.5	-64.44999695	60.51666641	-64.46666718	270	11	323	Port	30	Indoors	Yes
Claude A Desgagnes	11-Sep-22	15:35	15:35	60.51666641	-64.48332977	60.53333282	-64.48332977	270	11	323	Port	30	Indoors	No
Claude A Desgagnes	11-Sep-22	15:35	15:40	60.53333282	-64.48332977	60.53333282	-64.5	270	11	323	Port	30	Indoors	No
Claude A Desgagnes	11-Sep-22	15:40	15:45	60.53333282	-64.5	60.54999924	-64.51667023	270	11	323	Port	30	Indoors	Yes
Claude A Desgagnes	11-Sep-22	15:45	15:50	60.54999924	-64.51667023	60.56666565	-64.53333282	270	11	323	Port	30	Indoors	Yes
Claude A Desgagnes	11-Sep-22	18:00	18:05	60.66666794	-65.56666565	60.68333435	-65.58333588	270	13	278	Port	30	Indoors	Yes
Claude A Desgagnes	11-Sep-22	18:05	18:10	60.66666794	-65.56666565	60.66666794	-65.58333588	270	13	278	Port	30	Indoors	Yes
Claude A Desgagnes	11-Sep-22	18:10	18:15	60.66666794	-65.58333588	60.66666794	-65.59999847	270	13	278	Port	30	Indoors	Yes
Claude A Desgagnes	11-Sep-22	18:15	18:20	60.66666794	-65.59999847	60.68333435	-65.59999847	270	13	278	Port	30	Indoors	Yes
Claude A Desgagnes	11-Sep-22	18:20	18:25	60.68333435	-65.59999847	60.70000076	-65.6166687	270	13	278	Port	30	Indoors	Yes
Claude A Desgagnes	11-Sep-22	18:25	18:30	60.70000076	-65.6166687	60.70000076	-65.6333313	270	13	278	Port	30	Indoors	Yes
Claude A Desgagnes	12-Sep-22	12:00	12:05	62.46666718	-73.15000153	62.46666718	-73.16666412	225	13	270	Port	30	Indoors	No
Claude A Desgagnes	12-Sep-22	12:05	12:10	62.46666718	-73.16666412	62.46666718	-73.18333435	225	13	270	Port	30	Indoors	Yes
Claude A Desgagnes	12-Sep-22	12:10	12:15	62.46666718	-73.18333435	62.48333359	-73.23332977	225	13	270	Port	30	Indoors	No
Claude A Desgagnes	12-Sep-22	12:15	12:20	62.48333359	-73.23332977	62.5	-73.26667023	225	13	270	Port	30	Indoors	Yes
Claude A Desgagnes	12-Sep-22	12:20	12:25	62.5	-73.26667023	62.5	-73.31666565	225	13	270	Port	30	Indoors	No
Claude A Desgagnes	12-Sep-22	12:25	12:30	62.5	-73.31666565	62.51666641	-73.33333588	225	13	270	Port	30	Indoors	No
Claude A Desgagnes	12-Sep-22	15:30	15:35	62.53333282	-74.1333313	62.53333282	-74.16666412	225	13	270	Port	30	Indoors	Yes
Claude A Desgagnes	12-Sep-22	15:35	15:40	62.53333282	-74.44999695	62.53333282	-74.48332977	225	13	270	Port	30	Indoors	No
Claude A Desgagnes	12-Sep-22	15:40	15:45	62.53333282	-74.48332977	62.53333282	-79.51667023	225	13	270	Port	30	Indoors	No
Claude A Desgagnes	12-Sep-22	15:45	15:50	62.53333282	-74.51667023	62.54999924	-74.56666565	225	13	270	Port	30	Indoors	No
Claude A Desgagnes	12-Sep-22	15:50	15:55	62.54999924	-74.56666565	62.54999924	-74.6166687	225	13	270	Port	30	Indoors	No
Claude A Desgagnes	12-Sep-22	15:55	16:00	62.54999924	-79.6166687	62.51666641	-74.65000153	225	13	270	Port	30	Indoors	No
Claude A Desgagnes	12-Sep-22	18:00	18:05	62.68333435	-76.48332977	62.68333435	-76.48332977	270	13	270	Port	30	Indoors	No
Claude A Desgagnes	12-Sep-22	18:25	18:30	62.68333435	-76.53333282	62.70000076	-76.59999847	270	13	270	Port	30	Indoors	No
Claude A Desgagnes	13-Sep-22	12:00	12:05	62.04999924	-83.94999695	62.04999924	-83.98332977	315	13	280	Port	30	Outdoors	No
Claude A Desgagnes	13-Sep-22	12:05	12:10	62.04999924	-83.98332977	62.06666565	-84.05000305	315	13	280	Port	30	Outdoors	No
Claude A Desgagnes	13-Sep-22	12:10	12:15	62.06666565	-84.05000305	62.06666565	-84.09999847	315	13	280	Port	30	Outdoors	No
Claude A Desgagnes	13-Sep-22	12:15	12:20	62.06666565	-84.09999847	62.06666565	-84.1333313	315	13	280	Port	30	Outdoors	No
Claude A Desgagnes	13-Sep-22	12:20	12:25	62.06666565	-84.1333313	62.08333206	-84.16666412	315	13	280	Port	30	Outdoors	No
Claude A Desgagnes	13-Sep-22	12:25	12:30	62.08333206	-84.16666412	62.08333206	-84.21666718	315	13	280	Port	30	Outdoors	No
Claude A Desgagnes	13-Sep-22	18:00	18:05	62.25166702	-86.83333588	62.25166702	-86.8833313	315	13	280	Starboard	30	Indoors	No
Claude A Desgagnes	13-Sep-22	18:05	18:10	62.25166702	-86.8833313	62.25	-86.93333435	315	13	280	Starboard	30	Indoors	No
Claude A Desgagnes	13-Sep-22	18:10	18:15	62.25	-86.93333435	62.26666641	-86.98332977	315	13	280	Starboard	30	Indoors	No
Claude A Desgagnes	13-Sep-22	18:15	18:20	62.26666641	-86.98332977	62.26666641	-87.03333282	315	13	280	Starboard	30	Indoors	No
Claude A Desgagnes	13-Sep-22	18:20	18:25	62.26666641	-87.03333282	62.26666641	-87.08333588	315	13	280	Starboard	30	Indoors	No
Claude A Desgagnes	13-Sep-22	18:25	18:30	62.26666641	-87.08333588	62.28333282	-87.1166687	315	13	280	Starboard	30	Indoors	No
Claude A Desgagnes	14-Sep-22	18:00	18:05	62.75	-91.98332977	62.73333359	-92	292		112	Starboard	30	Indoors	No
Claude A Desgagnes	14-Sep-22	18:05	18:10	62.73333359	-92	62.73333359	-91.94999695	292		112	Starboard	30	Indoors	No
Claude A Desgagnes	14-Sep-22	18:10	18:15	62.73333359	-91.94999695	62.73333359	-91.91666412	292		112	Starboard	30	Indoors	No
Claude A Desgagnes	14-Sep-22	18:15	18:20	62.73333359	-91.91666412	62.73333359	-91.8833313	292		112	Starboard	30	Indoors	No
Claude A Desgagnes	14-Sep-22	18:20	18:25	62.73333359	-91.8833313	62.73333359	-91.8666687	292		112	Starboard	30	Indoors	No
Claude A Desgagnes	14-Sep-22	18:25	18:30	62.73333359	-91.8666687	62.73333359	-91.81666565	292		112	Starboard	30	Indoors	No
Claude A Desgagnes	15-Sep-22	18:00	18:05	63.95000076	-93.6333313	63.95000076	-93.6333313	270			Starboard	30	Indoors	Yes
Claude A Desgagnes	15-Sep-22	18:05	18:10	63.95000076	-93.6333313	63.95000076	-93.6333313	270			Starboard	30	Indoors	No
Claude A Desgagnes	15-Sep-22	18:10	18:15	63.95000076	-93.6333313	63.95000076	-93.6333313	270			Starboard	30	Indoors	No



Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Claude A Desgagnes	15-Sep-22	18:15	18:20	63.95000076	-93.6333313	63.95000076	-93.6333313	270			Starboard	30	Indoors	No
Claude A Desgagnes	15-Sep-22	18:20	18:25	63.95000076	-93.6333313	63.95000076	-93.6333313	270			Starboard	30	Indoors	No
Claude A Desgagnes	15-Sep-22	18:25	18:30	63.95000076	-93.6333313	63.95000076	-93.6333313	270			Starboard	30	Indoors	No
Claude A Desgagnes	16-Sep-22	18:00	18:05	63.95000076	-93.6333313	63.95000076	-93.6333313	315			Starboard	30	Indoors	No
Claude A Desgagnes	16-Sep-22	18:05	18:10	63.95000076	-93.6333313	63.95000076	-93.6333313	315			Starboard	30	Indoors	No
Claude A Desgagnes	16-Sep-22	18:10	18:15	63.95000076	-93.6333313	63.95000076	-93.6333313	315			Starboard	30	Indoors	No
Claude A Desgagnes	16-Sep-22	18:15	18:20	63.95000076	-93.6333313	63.95000076	-93.6333313	315			Starboard	30	Indoors	No
Claude A Desgagnes	16-Sep-22	18:20	18:25	63.95000076	-93.6333313	63.95000076	-93.6333313	315			Starboard	30	Indoors	No
Claude A Desgagnes	16-Sep-22	18:25	18:30	63.95000076	-93.6333313	63.95000076	-93.6333313	315			Starboard	30	Indoors	No
Claude A Desgagnes	17-Sep-22	18:00	18:05	63.95000076	-93.6333313	63.95000076	-93.6333313	292			Bow	30	Indoors	No
Claude A Desgagnes	17-Sep-22	18:05	18:10	63.95000076	-93.6333313	63.95000076	-93.6333313	292			Bow	30	Indoors	No
Claude A Desgagnes	17-Sep-22	18:10	18:15	63.95000076	-93.6333313	63.95000076	-93.6333313	292			Bow	30	Indoors	No
Claude A Desgagnes	17-Sep-22	18:15	18:20	63.95000076	-93.6333313	63.95000076	-93.6333313	292			Bow	30	Indoors	No
Claude A Desgagnes	17-Sep-22	18:20	18:25	63.95000076	-93.6333313	63.95000076	-93.6333313	292			Bow	30	Indoors	No
Claude A Desgagnes	17-Sep-22	18:25	18:30	63.95000076	-93.6333313	63.95000076	-93.6333313	292			Bow	30	Indoors	No
Claude A Desgagnes	18-Sep-22	18:00	18:05	63.95000076	-93.65000153	63.95000076	-93.65000153	135			Starboard	30	Indoors	No
Claude A Desgagnes	18-Sep-22	18:05	18:10	63.95000076	-93.65000153	63.95000076	-93.65000153	135			Starboard	30	Indoors	No
Claude A Desgagnes	18-Sep-22	18:10	18:15	63.95000076	-93.65000153	63.95000076	-93.65000153	135			Starboard	30	Indoors	No
Claude A Desgagnes	18-Sep-22	18:15	18:20	63.95000076	-93.65000153	63.95000076	-93.65000153	135			Starboard	30	Indoors	No
Claude A Desgagnes	18-Sep-22	18:20	18:25	63.95000076	-93.65000153	63.95000076	-93.65000153	135			Starboard	30	Indoors	No
Claude A Desgagnes	18-Sep-22	18:25	18:30	63.95000076	-93.65000153	63.95000076	-93.65000153	135			Starboard	30	Indoors	No
Claude A Desgagnes	19-Sep-22	18:00	18:05	63.95000076	-93.6333313	63.95000076	-93.6333313	0			Port	30	Outdoors	No
Claude A Desgagnes	19-Sep-22	18:05	18:10	63.95000076	-93.6333313	63.95000076	-93.6333313	0			Port	30	Outdoors	No
Claude A Desgagnes	19-Sep-22	18:10	18:15	63.95000076	-93.6333313	63.95000076	-93.6333313	0			Port	30	Outdoors	Yes
Claude A Desgagnes	19-Sep-22	18:15	18:20	63.95000076	-93.6333313	63.95000076	-93.6333313	0			Port	30	Outdoors	No
Claude A Desgagnes	19-Sep-22	18:20	18:25	63.95000076	-93.6333313	63.95000076	-93.6333313	0			Port	30	Outdoors	No
Claude A Desgagnes	19-Sep-22	18:25	18:30	63.95000076	-93.6333313	63.95000076	-93.6333313	0			Port	30	Outdoors	No
Claude A Desgagnes	22-Sep-22	13:18		61.86666489	-71.15000153			0	15	127				Yes
Claude A Desgagnes	22-Sep-22	14:46		61.66666794	-70.53333282			0	15	127				Yes
Sedna Desgagnes	01-Sep-22	16:30	16:35	59.13750076	-68.69966888	59.15333176	-63.6855011	150	13	352	Starboard	20	Outdoors	No
Sedna Desgagnes	01-Sep-22	16:35	16:40	59.15333176	-68.6855011	59.17316818	-68.66799927	150	13	352	Starboard	20	Outdoors	No
Sedna Desgagnes	01-Sep-22	16:40	16:45	59.17316818	-68.66799927	59.19150162	-68.66916656	150	13	352	Starboard	20	Outdoors	Yes
Sedna Desgagnes	01-Sep-22	16:45	16:50	59.19150162	-68.66916656	59.21266556	-68.67383575	150	13	352	Starboard	20	Outdoors	Yes
Sedna Desgagnes	01-Sep-22	16:50	16:55	59.21266556	-68.67383575	59.23433304	-68.67783356	150	13	352	Starboard	20	Outdoors	Yes
Sedna Desgagnes	01-Sep-22	16:55	17:00	59.23433304	-68.67783356	59.2480011	-68.67983246	150	13	352	Starboard	20	Outdoors	Yes
Sedna Desgagnes	02-Sep-22	09:00	09:05	61.91466522	-71.55249786	61.92250061	-71.57583618	240	11.6	307	Starboard	20	Outdoors	No
Sedna Desgagnes	02-Sep-22	09:05	09:10	61.92250061	-71.57583618	61.93249893	-71.60516357	240	11.6	307	Starboard	20	Outdoors	No
Sedna Desgagnes	02-Sep-22	09:10	09:15	61.93249893	-71.60516357	61.94216537	-71.632164	240	11.6	307	Starboard	20	Outdoors	No
Sedna Desgagnes	02-Sep-22	09:15	09:20	61.94216537	-71.632164	61.95216751	-71.66083527	240	11.6	307	Starboard	20	Outdoors	No
Sedna Desgagnes	02-Sep-22	09:20	09:25	61.95216751	-71.66083527	61.96183395	-71.68916321	240	11.6	307	Starboard	20	Outdoors	No
Sedna Desgagnes	02-Sep-22	09:25	09:30	61.96183395	-71.68916321	61.9715004	-71.71633148	240	11.6	307	Starboard	20	Outdoors	Yes
Sedna Desgagnes	02-Sep-22	16:30	16:35	62.54899979	-74.46749878	62.55016708	-74.50333405	285	14.7	274	Port	20	Outdoors	No
Sedna Desgagnes	02-Sep-22	16:35	16:40	62.55016708	-74.50333405	62.55133438	-74.54599762	285	14.7	274	Port	20	Outdoors	No
Sedna Desgagnes	02-Sep-22	16:40	16:45	62.55133438	-74.54599762	62.55250168	-74.58883667	285	14.7	274	Port	20	Outdoors	No
Sedna Desgagnes	02-Sep-22	16:45	16:50	62.55250168	-74.58883667	62.55333328	-74.62783051	285	14.7	274	Port	20	Outdoors	No
Sedna Desgagnes	02-Sep-22	16:50	16:55	62.55333328	-74.62783051	62.55483246	-74.66866302	285	14.7	274	Port	20	Outdoors	Yes
Sedna Desgagnes	02-Sep-22	16:55	17:00	62.55483246	-74.66866302	62.5561676	-74.70783234	285	14.7	274	Port	20	Outdoors	No
Sedna Desgagnes	03-Sep-22	09:00	09:05	62.19883347	-81.77532959	62.19333267	-81.81349945	315	13.4	253	Starboard	20	Outdoors	Yes
Sedna Desgagnes	03-Sep-22	09:05	09:10	62.19333267	-81.81349945	62.18799973	-81.85099792	315	13.4	253	Starboard	20	Outdoors	No

Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Sedna Desgagnes	03-Sep-22	09:10	09:15	62.18799973	-81.85099792	62.18266678	-81.88999939	315	13.4	253	Starboard	20	Outdoors	Yes
Sedna Desgagnes	03-Sep-22	09:15	09:20	62.18266678	-81.88999939	62.17766571	-81.92583466	315	13.4	253	Starboard	20	Outdoors	No
Sedna Desgagnes	03-Sep-22	09:20	09:25	62.17766571	-81.92583466	62.17216492	-81.96600342	315	13.4	253	Starboard	20	Outdoors	Yes
Sedna Desgagnes	03-Sep-22	09:25	09:30	62.17216492	-81.96600342	62.1673317	-82.00233459	315	13.4	253	Starboard	20	Outdoors	Yes
Sedna Desgagnes	03-Sep-22	16:30	16:35	62.14016724	-84.98266602	62.14300156	-85.01899719	270	12.4	280	Starboard	20	Outdoors	Yes
Sedna Desgagnes	03-Sep-22	16:35	16:40	62.14300156	-85.01899719	62.14566803	-85.05400085	270	12.4	280	Starboard	20	Outdoors	Yes
Sedna Desgagnes	03-Sep-22	16:40	16:45	62.14566803	-85.05400085	62.14849854	-85.08983612	270	12.4	280	Starboard	20	Outdoors	No
Sedna Desgagnes	03-Sep-22	16:45	16:50	62.14849854	-85.08983612	62.15100098	-85.11883545	270	12.4	280	Starboard	20	Outdoors	Yes
Sedna Desgagnes	03-Sep-22	16:50	16:55	62.15100098	-85.11883545	62.15449905	-85.15682983	270	12.4	280	Starboard	20	Outdoors	No
Sedna Desgagnes	03-Sep-22	16:55	17:00	62.15449905	-85.15682983	62.15766525	-85.1969986	270	12.4	280	Starboard	20	Outdoors	No
Sedna Desgagnes	06-Sep-22	18:30	18:35	63.36116791	-89.26533508	63.3738327	-89.23833466	150	12	46	Starboard	20	Outdoors	No
Sedna Desgagnes	06-Sep-22	18:35	18:40	63.3738327	-89.23833466	63.38499832	-89.21350098	150	12	46	Starboard	20	Outdoors	No
Sedna Desgagnes	06-Sep-22	18:40	18:45	63.38499832	-89.21350098	63.39649963	-89.18683624	150	12	46	Starboard	20	Outdoors	No
Sedna Desgagnes	06-Sep-22	18:45	18:50	63.39649963	-89.18683624	63.40833282	-89.16116333	150	12	46	Starboard	20	Outdoors	No
Sedna Desgagnes	06-Sep-22	18:50	18:55	63.40833282	-89.16116333	63.42050171	-89.13366699	150	12	46	Starboard	20	Outdoors	Yes
Sedna Desgagnes	06-Sep-22	18:55	19:00	63.42050171	-89.13366699	63.43249893	-89.10733032	150	12	46	Starboard	20	Outdoors	Yes
Sedna Desgagnes	07-Sep-22	09:00	09:05	66.01383209	-85.81483459	66.03116608	-85.79599762	110	11.6	25	Starboard	20	Outdoors	Yes
Sedna Desgagnes	07-Sep-22	09:05	09:10	66.03116608	-85.79599762	66.0446701	-85.78067017	110	11.6	25	Starboard	20	Outdoors	No
Sedna Desgagnes	07-Sep-22	09:10	09:15	66.0446701	-85.78067017	66.05950165	-85.76316833	110	11.6	25	Starboard	20	Outdoors	No
Sedna Desgagnes	07-Sep-22	09:15	09:20	66.05950165	-85.76316833	66.07316589	-85.74700165	110	11.6	25	Starboard	20	Outdoors	No
Sedna Desgagnes	07-Sep-22	09:20	09:25	66.07316589	-85.74700165	66.08750153	-85.72966766	110	11.6	25	Starboard	20	Outdoors	No
Sedna Desgagnes	07-Sep-22	09:25	09:30	66.08750153	-85.72966766	66.10166931	-85.71282959	110	11.6	25	Starboard	20	Outdoors	Yes
Sedna Desgagnes	15-Sep-22	16:30	16:35	67.73283386	-80.99133301	67.71416473	-80.99099731	130	13	180	Starboard	20	Outdoors	No
Sedna Desgagnes	15-Sep-22	16:35	16:40	67.71416473	-80.99099731	67.69533539	-80.99016571	130	13	180	Starboard	20	Outdoors	No
Sedna Desgagnes	15-Sep-22	16:40	16:45	67.69533539	-80.99016571	67.67566681	-80.99116516	130	13	180	Starboard	20	Outdoors	No
Sedna Desgagnes	15-Sep-22	16:45	16:50	67.67566681	-80.99116516	67.65699768	-80.99133301	130	13	180	Starboard	20	Outdoors	No
Sedna Desgagnes	15-Sep-22	16:50	16:55	67.65699768	-80.99133301	67.63916779	-80.99116516	130	13	180	Starboard	20	Outdoors	No
Sedna Desgagnes	15-Sep-22	16:55	17:00	67.63916779	-80.99116516	67.6206665	-80.99199677	130	13	180	Starboard	20	Outdoors	No
Sedna Desgagnes	16-Sep-22	12:15	12:20	65.87400055	-85.9553299	65.86133575	-85.96833038	345	10.8	204	Starboard	20	Outdoors	Yes
Sedna Desgagnes	16-Sep-22	12:20	12:25	65.86133575	-85.96833038	65.84916687	-85.98300171	345	10.8	204	Starboard	20	Outdoors	No
Sedna Desgagnes	16-Sep-22	12:25	12:30	65.84916687	-85.98300171	65.83766937	-85.9991684	345	10.8	204	Starboard	20	Outdoors	No
Sedna Desgagnes	16-Sep-22	12:30	12:35	65.83766937	-85.9991684	65.82583618	-86.01383209	345	10.8	204	Starboard	20	Outdoors	No
Sedna Desgagnes	16-Sep-22	12:35	12:40	65.82583618	-86.01383209	65.81316376	-86.03050232	345	10.8	204	Starboard	20	Outdoors	No
Sedna Desgagnes	16-Sep-22	12:40	12:45	65.81316376	-86.03050232	65.79816437	-86.05083466	345	10.8	204	Starboard	20	Outdoors	No
Sedna Desgagnes	16-Sep-22	16:30	16:35	65.0728302	-86.59883118	65.05566406	-86.60916901	340	13.8	194	Starboard	20	Outdoors	No
Sedna Desgagnes	16-Sep-22	16:35	16:40	65.05566406	-86.60916901	65.03616333	-86.6210022	340	13.8	194	Starboard	20	Outdoors	No
Sedna Desgagnes	16-Sep-22	16:40	16:45	65.03616333	-86.6210022	65.03099823	-86.63349915	340	13.8	194	Starboard	20	Outdoors	No
Sedna Desgagnes	16-Sep-22	16:45	16:50	65.03099823	-86.63349915	64.99966431	-86.65083313	340	13.8	194	Starboard	20	Outdoors	No
Sedna Desgagnes	16-Sep-22	16:50	16:55	64.99966431	-86.65083313	64.98233032	-86.66799927	340	13.8	194	Starboard	20	Outdoors	Yes
Sedna Desgagnes	16-Sep-22	16:55	17:00	64.98233032	-86.66799927	64.96399689	-86.68616486	340	13.8	194	Starboard	20	Outdoors	No
Sedna Desgagnes	17-Sep-22	07:45	07:50	62.68899918	-91.55449677	62.69433212	-91.59200287	160	14.3	254	Starboard	20	Outdoors	No
Sedna Desgagnes	17-Sep-22	07:50	07:55	62.69433212	-91.59200287	62.70000076	-91.62916565	160	14.3	254	Starboard	20	Outdoors	No
Sedna Desgagnes	17-Sep-22	07:55	08:00	62.70000076	-91.62916565	62.70633316	-91.67066956	160	14.3	254	Starboard	20	Outdoors	No
Sedna Desgagnes	17-Sep-22	08:00	08:05	62.70633316	-91.67066956	62.71216583	-91.71183014	160	14.3	254	Starboard	20	Outdoors	Yes
Sedna Desgagnes	17-Sep-22	08:05	08:10	62.71216583	-91.71183014	62.71783447	-91.75099945	160	14.3	254	Starboard	20	Outdoors	Yes
Sedna Desgagnes	17-Sep-22	08:10	08:15	62.71783447	-91.75099945	62.72399902	-91.79350281	160	14.3	254	Starboard	20	Outdoors	No
Sedna Desgagnes	19-Sep-22	12:20	12:25	61.60283279	-85.97550201	61.59516525	-85.9363327	150	12.4	113	Starboard	20	Outdoors	No
Sedna Desgagnes	19-Sep-22	12:25	12:30	61.59516525	-85.9363327	61.58966827	-85.90883636	150	12.4	113	Starboard	20	Outdoors	No
Sedna Desgagnes	19-Sep-22	12:30	12:35	61.58966827	-85.90883636	61.58283234	-85.87449646	150	12.4	113	Starboard	20	Outdoors	No

Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Sedna Desgagnes	19-Sep-22	12:35	12:40	61.58283234	-85.87449646	61.57649994	-85.84400177	150	12.4	113	Starboard	20	Outdoors	No
Sedna Desgagnes	19-Sep-22	12:40	12:45	61.57649994	-85.84400177	61.56933212	-85.80916595	150	12.4	113	Starboard	20	Outdoors	No
Sedna Desgagnes	19-Sep-22	12:45	12:50	61.56933212	-85.80916595	61.56216812	-85.77383423	150	12.4	113	Starboard	20	Outdoors	No
Sedna Desgagnes	19-Sep-22	16:30	16:35	61.2543335	-84.28266907	61.24616623	-84.2468338	120	13	115	Starboard	20	Outdoors	No
Sedna Desgagnes	19-Sep-22	16:35	16:40	61.24616623	-84.2468338	61.23899841	-84.21250153	120	13	115	Starboard	20	Outdoors	No
Sedna Desgagnes	19-Sep-22	16:40	16:45	61.23899841	-84.21250153	61.23216629	-84.17966461	120	13	115	Starboard	20	Outdoors	No
Sedna Desgagnes	19-Sep-22	16:45	16:50	61.23216629	-84.17966461	61.22433472	-84.14516449	120	13	115	Starboard	20	Outdoors	No
Sedna Desgagnes	19-Sep-22	16:50	16:55	61.22433472	-84.14516449	61.2171669	-84.11166382	120	13	115	Starboard	20	Outdoors	No
Sedna Desgagnes	19-Sep-22	16:55	17:00	61.2171669	-84.11166382	61.21016693	-84.07766724	120	13	115	Starboard	20	Outdoors	No
Atlantic Beech	21-Sep-22	07:10		63.99333191	-94.15833282				6.9	285				Yes
Atlantic Beech	27-Aug-22	17:10		63.94499969	-93.64833069			90	0	76				Yes
Atlantic Beech	22-Aug-22	16:40		63.94166565	-93.61833191			90	0	124				Yes
Atlantic Beech	20-Aug-22	05:40		63.99166489	-94.29166412			0	6.5	106				Yes
Atlantic Beech	19-Aug-22	17:15		64.3033371	-95.95333099			315	0					Yes
Atlantic Beech	16-Aug-22	07:30		63.99499893	-94.23332977			337	6.7	85				Yes
Atlantic Beech	08-Aug-22	08:00		64.3033371	-95.95333099			0	0	202				Yes
Atlantic Beech	24-Oct-22	12:30		60.25833511	-63.8983345			3	11.8	144				Yes
Atlantic Beech	24-Oct-22	09:10		60.54166794	-64.79166412			315	7	93				Yes
Atlantic Beech	23-Oct-22	12:30		61.05833435	-68.60832977			292	5	102				Yes
Atlantic Beech	22-Oct-22	17:30		62.49000168	-73.33833313			270	10	107				Yes
Atlantic Beech	22-Oct-22	09:45		62.68333435	-75.98332977				8	105				Yes
Atlantic Beech	21-Oct-22	12:55		62.22000122	-81.94333649			0	7	57				Yes
Atlantic Beech	20-Oct-22	13:24		62.31000137	-87.65333557			112	8	102				Yes
Atlantic Beech	20-Oct-22	09:15		62.36000061	-88.25666809			135	8	100				Yes
Atlantic Beech	17-Oct-22	07:30		63.54999924	-91.01667023			315	10	165				Yes
Atlantic Beech	16-Oct-22	10:35		64.24833679	-95.66833496			337	7.5	105				Yes
Atlantic Elm	16-Oct-22	12:30	14:42	63.01666641	-79.25	62.94166565	-78.67500305	0	8	105	Starboard	7	Indoors	Yes
Atlantic Elm	15-Oct-22	11:45	12:45	62.87716675	-86.65000153	62.84283447	-86.34850311	135	8.5	101	Port	8	Indoors	Yes
Atlantic Elm	17-Oct-22	15:10		62.08000183	-71.28749847			315	8.2	115				Yes
Miena Desgagnes	03-Aug-22	08:00	08:05	60.70666504	-64.3216629	60.72333145	-64.36000061	300	11.5	315	Port	39	Indoors	Yes
Miena Desgagnes	03-Aug-22	08:06	08:11	60.72499847	-64.36333466	60.73666763	-64.38666534	300	11.5	315	Port	39	Indoors	Yes
Miena Desgagnes	03-Aug-22	08:12	08:17	60.74000168	-64.39666748	60.75500107	-64.42500305	300	11.5	315	Port	39	Indoors	Yes
Miena Desgagnes	03-Aug-22	08:18	08:23	60.75833511	-64.43333435	60.76333237	-64.44999695	300	11.5	315	Port	39	Indoors	No
Miena Desgagnes	03-Aug-22	08:23	08:28	60.76499939	-64.45166779	60.77333345	-64.48166656	300	11.5	315	Port	39	Indoors	No
Miena Desgagnes	03-Aug-22	08:29	08:34	60.77500153	-64.48500061	60.78666687	-64.53166962	300	11.5	315	Port	39	Indoors	Yes
Miena Desgagnes	04-Aug-22	08:03	08:08	62.52833176	-74.49333191	62.53166658	-74.52833557	94	12.2	271	Port	34	Indoors	No
Miena Desgagnes	04-Aug-22	08:09	08:14	62.53166658	-74.53166962	62.53333282	-74.57666779	94	12.2	271	Port	34	Indoors	No
Miena Desgagnes	04-Aug-22	08:17	08:22	62.53499985	-74.59500122	62.53666687	-74.6333313	94	12.2	271	Port	34	Indoors	No
Miena Desgagnes	04-Aug-22	08:23	08:28	62.53666687	-74.63500214	62.54000092	-74.67666626	94	12.2	271	Port	34	Indoors	No
Miena Desgagnes	04-Aug-22	08:29	08:34	62.54000092	-74.6783371	62.54166794	-74.71333313	94	12.2	271	Port	34	Indoors	No
Miena Desgagnes	04-Aug-22	08:35	08:40	62.54166794	-74.71833038	62.54333496	-74.77166748	94	12.2	271	Port	34	Indoors	No
Miena Desgagnes	05-Aug-22	08:43	08:48	62.01333237	-83.99500275	62.02333345	-83.97000122	294	11.6	292				Yes
Miena Desgagnes	05-Aug-22	08:49	08:54	62.02500153	-83.97333527	62.03166658	-84.01333618	294	11.6	292				No
Miena Desgagnes	05-Aug-22	08:55	09:00	62.03333282	-84.01999664	62.04000092	-84.05166626	294	11.6	292				No
Miena Desgagnes	05-Aug-22	09:00	09:05	62.04166794	-84.0533371	62.04999924	-84.09333038	294	11.6	292				Yes
Miena Desgagnes	05-Aug-22	09:05	09:10	62.05166626	-84.09500122	62.05833435	-84.1333313	294	11.6	292				Yes
Miena Desgagnes	05-Aug-22	09:11	09:16	62.06000137	-84.13999939	62.06999969	-84.1866684	294	11.6	292				Yes
Miena Desgagnes	06-Aug-22	15:00		62.77500153	-92.09500122	62.77500153	-92.09500122	170	0	180	Bow	34	Indoors	Yes
Miena Desgagnes	07-Aug-22	10:00		62.77500153	-92.09500122	62.77500153	-92.09500122		0	110	Port	34	Outdoors	Yes

Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Miena Desgagnes	08-Aug-22	08:06	08:12	63.45333481	-90.82333374	63.46500015	-90.84666443	180	9.4	318		34		No
Miena Desgagnes	08-Aug-22	08:13	08:18	63.46666718	-90.84666443	63.47833252	-90.87166595	180	9.4	318		34		Yes
Miena Desgagnes	08-Aug-22	08:20	08:25	63.47999954	-90.875	63.48833466	-90.89167023	180	9.4	318		34		Yes
Miena Desgagnes	08-Aug-22	08:27	08:32	63.49333191	-90.90333557	63.50166702	-90.9283371	180	9.4	318		34		Yes
Miena Desgagnes	08-Aug-22	08:35	08:41	63.50666809	-90.94999695	63.51499939	-90.98332977	180	9.4	318		34		No
Miena Desgagnes	08-Aug-22	08:42	08:48	63.51499939	-90.98666382	63.52999878	-91.02500153	180	9.4	318		34		Yes
Miena Desgagnes	09-Aug-22	13:00		63.93333435	-93.61333466	63.93333435	-93.61333466		0	180	Port	33	Indoors	Yes
Miena Desgagnes	10-Aug-22	10:00		62.93333435	-93.60166931	63.93333435	-93.60166931	270	0	248	Bow	33	Indoors	Yes
Miena Desgagnes	11-Aug-22	10:00		63.93500137	-93.61333466	63.93500137	-93.61333466	250	0	230	Bow	34	Indoors	Yes
Miena Desgagnes	12-Aug-22	07:00		63.93333435	-93.61166382	63.93333435	-93.61166382	270	0	285	Bow	34	Indoors	Yes
Miena Desgagnes	16-Aug-22	08:00	08:05	69.81833649	-92.53500366	63.81499863	-92.48999786	280	14	73	Port	34	Outdoors	No
Miena Desgagnes	16-Aug-22	08:06	08:11	63.8133316	-92.48332977	63.80166626	-92.45333099	280	14	73	Port	34	Outdoors	Yes
Miena Desgagnes	16-Aug-22	08:12	08:17	63.78499985	-92.44833374	63.78333282	-92.42500305	280	14	73	Port	34	Outdoors	No
Miena Desgagnes	16-Aug-22	08:18	08:23	63.7816658	-92.42166901	63.76333237	-92.39499664	280	14	73	Port	34	Outdoors	No
Miena Desgagnes	16-Aug-22	08:23	08:30	63.76166534	-92.39333344	63.75166702	-92.34333038	280	14	73	Port	34	Outdoors	No
Miena Desgagnes	16-Aug-22	08:31	08:36	63.75166702	-92.33833313	63.75166702	-92.26833344	280	14	73	Port	34	Outdoors	Yes
Miena Desgagnes	17-Aug-22	08:00	08:07	62.23833466	-81.51499939	62.24666595	-81.45666504	290	13.4	70	Port	34	Indoors	Yes
Miena Desgagnes	17-Aug-22	08:08	08:13	62.24833298	-81.44833374	62.25333405	-81.41000366	290	13.4	70	Port	34	Indoors	No
Miena Desgagnes	17-Aug-22	08:14	08:19	62.25500107	-81.40666962	62.25999832	-81.36833191	290	13.4	70	Port	34	Indoors	No
Miena Desgagnes	17-Aug-22	08:19	08:25	62.26166534	-81.36333466	62.26666641	-81.31999969	290	13.4	70	Port	34	Indoors	Yes
Miena Desgagnes	17-Aug-22	08:25	08:30	62.26833344	-81.3116684	62.27333345	-81.27666473	290	13.4	70	Port	34	Indoors	No
Miena Desgagnes	17-Aug-22	08:30	08:35	62.27500153	-81.27333069	62.27833176	-81.23833466	290	13.4	70	Port	34	Indoors	No
Miena Desgagnes	18-Aug-22	08:00	08:06	61.80333328	-69.59666443	61.79166794	-69.54666901	140	13	114		34		No
Miena Desgagnes	18-Aug-22	08:06	08:11	61.79166794	-69.54333496	61.78333282	-69.5083313	140	13	114		34		Yes
Miena Desgagnes	18-Aug-22	08:13	08:20	61.7816658	-69.49500275	61.76833344	-69.43499756	140	13	114		34		Yes
Miena Desgagnes	18-Aug-22	08:21	08:25	61.76833344	-69.43333435	61.75833511	-69.38999939	140	13	114		34		Yes
Miena Desgagnes	18-Aug-22	08:26	08:31	61.75999832	-69.38833618	61.75	-69.34666443	140	13	114		34		Yes
Miena Desgagnes	18-Aug-22	08:32	08:37	61.75	-69.34333038	61.74166489	-69.30000305	140	13	114		34		Yes
Miena Desgagnes	03-Sep-22	16:09	16:14	60.12333298	-63.37166595	60.13666534	-63.38833237	180	9.6	323	Starboard	34	Outdoors	Yes
Miena Desgagnes	03-Sep-22	16:14	16:19	60.13833237	-63.38999939	60.15000153	-63.4066658	180	9.6	323	Starboard	34	Outdoors	Yes
Miena Desgagnes	03-Sep-22	16:20	16:25	60.15166855	-63.41166687	60.16333389	-63.42499924	180	9.6	323	Starboard	34	Outdoors	Yes
Miena Desgagnes	03-Sep-22	16:25	16:30	60.16333389	-63.42666626	60.17666626	-63.44666672	180	9.6	323	Starboard	34	Outdoors	No
Miena Desgagnes	03-Sep-22	16:31	16:37	60.18000031	-63.45000076	60.19333267	-63.47000122	180	9.6	323	Starboard	34	Outdoors	No
Miena Desgagnes	03-Sep-22	16:37	16:42	60.19499969	-63.47166824	60.20666504	-63.49833298	180	9.6	323	Starboard	34	Outdoors	Yes
Miena Desgagnes	04-Sep-22	08:20	08:25	61.74499893	-69.12666321	61.75166702	-69.16166687	310	11.8	295	Port	34	Indoors	Yes
Miena Desgagnes	04-Sep-22	08:25	08:30	61.75166702	-69.16500092	61.75833511	-69.19833374	310	11.8	295	Port	34	Indoors	Yes
Miena Desgagnes	04-Sep-22	08:31	08:36	61.75999832	-69.19999695	61.76833344	-69.23500061	310	11.8	295	Port	34	Indoors	Yes
Miena Desgagnes	04-Sep-22	08:32	08:42	61.77000046	-69.24500275	61.77500153	-69.27333069	310	11.8	295	Port	34	Indoors	No
Miena Desgagnes	04-Sep-22	08:43	08:48	61.77666855	-69.27666473	61.7816658	-69.3116684	310	11.8	295	Port	34	Indoors	No
Miena Desgagnes	04-Sep-22	08:48	08:53	61.78333282	-69.3116684	61.78833389	-69.33999634	310	11.8	295	Port	34	Indoors	No
Miena Desgagnes	05-Sep-22	09:34	09:39	62.33000183	-80.86333466	62.32500076	-80.90000153	135	13.1	254	Port	34	Indoors	No
Miena Desgagnes	05-Sep-22	09:40	09:45	62.32500076	-80.90499878	62.31833267	-80.94833374	135	13.1	254	Port	34	Indoors	No
Miena Desgagnes	05-Sep-22	09:45	09:50	62.31833267	-80.95333099	62.3116684	-80.98666382	135	13.1	254	Port	34	Indoors	No
Miena Desgagnes	05-Sep-22	09:50	09:56	62.3116684	-80.9916687	62.30666733	-81.04000092	135	13.1	254	Port	34	Indoors	No
Miena Desgagnes	05-Sep-22	10:01	10:06	62.29999924	-81.08166504	62.29499817	-81.12666321	135	13.1	254	Port	34	Indoors	No
Miena Desgagnes	05-Sep-22	10:07	10:13	62.29499817	-81.1333313	62.29000092	-81.16999817	135	13.1	254	Port	34	Indoors	Yes
Miena Desgagnes	07-Sep-22	10:30		63.93333435	-93.61333466	63.93333435	-93.61333466	325	0	318	Bow	34	Indoors	No
Miena Desgagnes	08-Sep-22	14:00		63.93333435	-93.61333466	63.93333435	-93.61333466	280	0	260	Starboard	34	Indoors	Yes
Miena Desgagnes	09-Sep-22	13:00		63.93166733	-93.62166595	63.93166733	-93.62166595	45	0	100	Port	34	Outdoors	Yes



Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Miena Desgagnes	10-Sep-22	10:30		63.93166733	-93.61499786	63.93166733	-93.61499786	325	0	310	Bow	34	Indoors	No
Miena Desgagnes	11-Sep-22	10:30		63.93333435	-93.61499786	63.93333435	-93.61499786	280	0	255	Bow	34	Indoors	Yes
Miena Desgagnes	14-Sep-22	08:03	08:08	62.56833267	-86.60832977	62.55833435	-86.56166684	270	15	112	Port	34	Outdoors	No
Miena Desgagnes	14-Sep-22	08:09	08:14	62.55833435	-86.55666351	62.54833221	-86.5083313	270	15	112	Port	34	Outdoors	No
Miena Desgagnes	14-Sep-22	08:15	08:20	62.54666519	-86.50333405	62.53833389	-86.45999908	270	15	112	Port	34	Outdoors	No
Miena Desgagnes	14-Sep-22	08:21	08:27	62.53833389	-86.45500183	62.52666855	-86.39833069	270	15	112	Port	34	Outdoors	No
Miena Desgagnes	14-Sep-22	08:28	08:33	62.52500153	-86.39333344	62.51666641	-86.34999847	270	15	112	Port	34	Outdoors	No
Miena Desgagnes	14-Sep-22	08:34	08:40	62.51499939	-86.34500122	62.50500107	-86.28666687	270	15	112	Port	34	Outdoors	No
Miena Desgagnes	15-Sep-22	08:04	08:09	62.50666809	-73.30666351	62.49499893	-73.23999786	270	18.9	111	Starboard	34	Indoors	Yes
Miena Desgagnes	15-Sep-22	08:12	08:17	62.48833466	-73.20999908	62.47833252	-73.16500092	270	18.9	111	Starboard	34	Indoors	Yes
Miena Desgagnes	15-Sep-22	08:19	08:26	62.47499847	-73.13999939	62.45166779	-73.06833649	270	18.9	111	Starboard	34	Indoors	No
Miena Desgagnes	15-Sep-22	08:27	08:33	62.45666504	-73.05999756	62.44333267	-72.98833466	270	18.9	111	Starboard	34	Indoors	No
Miena Desgagnes	15-Sep-22	08:34	08:39	62.44333267	-72.98332977	62.43333435	-72.9366684	270	18.9	111	Starboard	34	Indoors	Yes
Miena Desgagnes	15-Sep-22	08:39	08:45	62.43333435	-72.93166351	62.41999817	-72.86499786	270	18.9	111	Starboard	34	Indoors	Yes
Miena Desgagnes	14-Sep-22	14:29		62.01166534	-83.21833038			275	13.2	83				Yes
Miena Desgagnes	04-Oct-22	08:25	08:30	61.55833435	-68.31666565	61.56499863	-68.34833527	270	11.2	290	Starboard	34	Indoors	No
Miena Desgagnes	04-Oct-22	08:31	08:36	61.56499863	-68.34999847	61.57166672	-68.38833618	270	11.2	290	Starboard	34	Indoors	Yes
Miena Desgagnes	04-Oct-22	08:38	08:45	61.57333374	-68.39666748	61.57833481	-68.42666626	270	11.2	290	Starboard	34	Indoors	No
Miena Desgagnes	04-Oct-22	08:45	08:50	61.58166504	-68.4383316	61.58666611	-68.46499634	270	11.2	290	Starboard	34	Indoors	No
Miena Desgagnes	04-Oct-22	08:51	08:56	61.58833313	-68.47333527	61.59500122	-68.50666809	270	11.2	290	Starboard	34	Indoors	No
Miena Desgagnes	04-Oct-22	08:57	09:05	61.59500122	-68.51166534	61.60499954	-68.55833435	270	11.2	290	Starboard	34	Indoors	
Miena Desgagnes	05-Oct-22	08:02	08:08	62.58666611	-75.71833038	62.59000015	-75.75166321	310	9.2	280	Port	34	Indoors	No
Miena Desgagnes	05-Oct-22	08:09	08:14	62.59000015	-75.75666809	62.59166718	-75.77833557	310	9.2	280	Port	34	Indoors	No
Miena Desgagnes	05-Oct-22	08:15	08:20	62.5933342	-75.78666687	62.59500122	-75.81833649	310	9.2	280	Port	34	Indoors	No
Miena Desgagnes	05-Oct-22	08:21	08:26	62.59500122	-75.82333374	62.59666824	-75.85166931	310	9.2	280	Port	34	Indoors	No
Miena Desgagnes	05-Oct-22	08:27	08:32	62.59666824	-75.85500336	62.59833145	-75.88666534	310	9.2	280	Port	34	Indoors	No
Miena Desgagnes	05-Oct-22	08:32	08:37	62.59833145	-75.88833618	62.59999847	-75.91666412	310	9.2	280	Port	34	Indoors	No
Miena Desgagnes	06-Oct-22	10:43	10:48	63.0633316	-87.62166595	63.06666565	-87.66500092	280		280		34	Indoors	Yes
Miena Desgagnes	06-Oct-22	10:50	10:55	64.56833649	-87.68499756	63.07166672	-87.72166443	280		280		34	Indoors	No
Miena Desgagnes	06-Oct-22	10:55	11:00	63.07166672	-87.72499847	63.07500076	-87.76166534	280		280		34	Indoors	No
Miena Desgagnes	06-Oct-22	11:02	11:07	63.07666779	-87.78333282	63.08000183	-87.8216629	280		280		34	Indoors	No
Miena Desgagnes	06-Oct-22	11:07	11:12	63.08000183	-87.82499695	63.08333206	-87.87000275	280		280		34	Indoors	No
Miena Desgagnes	06-Oct-22	11:14	11:18	63.08499908	-87.87833405	63.08833313	-82.99833679	280		280		34	Indoors	No
Miena Desgagnes	08-Oct-22	15:07	15:12	63.77666855	-92.41500092	63.79000092	-92.4366684	225	12.1	325		34	Outdoors	No
Miena Desgagnes	08-Oct-22	15:12	15:17	63.79166794	-92.4383316	63.80500031	-92.45999908	225	12.1	325		34	Outdoors	No
Miena Desgagnes	08-Oct-22	15:18	15:24	63.80500031	-92.46166992	63.81833267	-92.50333405	225	12.1	325		34	Outdoors	No
Miena Desgagnes	08-Oct-22	15:25	15:30	63.81833267	-92.50666809	63.81666565	-92.55000305	225	12.1	325		34	Outdoors	Yes
Miena Desgagnes	08-Oct-22	15:31	15:36	63.81666565	-92.5533371	63.8133316	-92.59666443	225	12.1	325		34	Outdoors	No
Miena Desgagnes	08-Oct-22	15:37	15:44	63.81166684	-92.60166931	63.80833435	-92.66166687	225	12.1	325		34	Outdoors	No
Miena Desgagnes	09-Oct-22	10:00		63.93333435	-93.62166595	63.93333435	-93.62166595	330	0	320	Bow	34	Indoors	No
Miena Desgagnes	10-Oct-22	13:00		63.93500137	-93.62000275	63.93500137	-93.62000275	40	0	110	Port	34	Indoors	No
Miena Desgagnes	11-Oct-22	13:00		63.93500137	-93.625	63.93500137	-93.625	125	0	120	Port	34	Indoors	No
Miena Desgagnes	12-Oct-22	09:30		63.43500137	-93.62666321	63.93500137	-93.62666321	115	0	105	Bow	34	Indoors	No
Miena Desgagnes	13-Oct-22	11:24	11:29	63.55500031	-91.05166626	63.53499985	-91.02833557	45	15	92	Port	34	Indoors	No
Miena Desgagnes	13-Oct-22	11:30	11:35	63.53333282	-91.02666473	63.51666641	-91.99666595	45	15	92	Port	34	Indoors	No
Miena Desgagnes	13-Oct-22	11:35	11:40	63.51666641	-90.99500275	63.50833511	-90.95333099	45	15	92	Port	34	Indoors	No
Miena Desgagnes	13-Oct-22	11:41	11:46	63.50666809	-90.94833374	63.49499893	-90.90333557	45	15	92	Port	34	Indoors	No
Miena Desgagnes	13-Oct-22	11:47	11:52	63.49333191	-90.89833069	63.47499847	-90.86333466	45	15	92	Port	34	Indoors	No
Miena Desgagnes	13-Oct-22	11:53	11:58	63.47333145	-90.86166382	63.45666504	-90.82666779	45	15	92	Port	34	Indoors	Yes

Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Miena Desgagnes	15-Oct-22	10:00		62.77833176	-92.09666443	62.77833176	-92.09666443	250	0	270	Bow	34	Indoors	Yes
Miena Desgagnes	16-Oct-22	10:00		62.75500107	-92.10333252	62.75500107	-92.10333252	340	0	310	Bow	34	Indoors	No
Miena Desgagnes	17-Oct-22	13:00		62.77500153	-92.09333038	62.77500153	-92.09333038	345	0	330	Bow	34	Indoors	Yes
Miena Desgagnes	19-Oct-22	13:00		62.7733345	-92.08833313	62.7733345	-92.08833313	330	0	325	Port	34	Indoors	No
Miena Desgagnes	22-Oct-22	15:41	15:46	62.03666687	-84.14333344	62.03166658	-84.09666443	280	13.5	92		34		No
Miena Desgagnes	22-Oct-22	15:47	15:52	62.03166658	-84.09500122	62.02833176	-84.05500031	280	13.5	92		34		No
Miena Desgagnes	22-Oct-22	15:52	15:57	62.02833176	-84.04666901	62.02500153	-84.0083313	280	13.5	92		34		No
Miena Desgagnes	22-Oct-22	15:58	16:03	62.0233345	-84.00666809	62.02166748	-83.95999908	280	13.5	92		34		No
Miena Desgagnes	22-Oct-22	16:04	16:11	62.02166748	-83.94999695	62.02000046	-83.90000153	280	13.5	92		34		Yes
Miena Desgagnes	22-Oct-22	16:11	16:17	62.02000046	-83.89499664	62.01833344	-83.84833527	280	13.5	92		34		No
Miena Desgagnes	23-Oct-22	10:36	10:41	62.55166626	-74.48500061	62.54999924	-74.44499969	270	13	92	Starboard	34	Indoors	Yes
Miena Desgagnes	23-Oct-22	10:42	10:47	62.54999924	-74.44000244	62.54999924	-74.39666748	270	13	92	Starboard	34	Indoors	No
Miena Desgagnes	23-Oct-22	10:48	10:55	62.54999924	-74.39167023	62.65000153	-74.33499908	270	13	92	Starboard	34	Indoors	Yes
Miena Desgagnes	23-Oct-22	10:56	11:01	62.54833221	-74.33000183	62.54833221	-74.28500366	270	13	92	Starboard	34	Indoors	No
Miena Desgagnes	23-Oct-22	11:02	11:07	62.54833221	-74.28333282	62.54833221	-74.24500275	270	13	92	Starboard	34	Indoors	No
Miena Desgagnes	23-Oct-22	11:08	11:13	62.54833221	-74.23999786	62.54666519	-74.20833588	270	13	92	Starboard	34	Indoors	No
Nordika Desgagnes	12-Aug-22	13:15	13:20	60.02799988	-62.10850143	60.03499985	-62.13566589	0	10	295	Starboard	20	Indoors	Yes
Nordika Desgagnes	12-Aug-22	13:25	13:30	60.04016495	-62.1554985	60.04449844	-62.17616653	0	10	295	Starboard	20	Indoors	Yes
Nordika Desgagnes	12-Aug-22	13:35	13:40	60.04850006	-62.19716644	60.05199814	-62.21666718	0	10	295	Starboard	20	Indoors	No
Nordika Desgagnes	12-Aug-22	13:45	13:50	60.05633163	-62.2405014	60.05966568	-62.25983429	0	10	295	Starboard	20	Indoors	No
Nordika Desgagnes	12-Aug-22	13:55	14:00	60.0636673	-62.28099823	60.06666565	-62.29999924	0	10	295	Starboard	20	Indoors	No
Nordika Desgagnes	12-Aug-22	14:05	14:10	60.07083511	-62.32316589	60.07466507	-62.34833145	0	10	295	Starboard	20	Indoors	No
Nordika Desgagnes	12-Aug-22	14:15	14:20	60.07866669	-62.37566757	60.08200073	-62.4015007		10.9	291	Starboard	20	Indoors	No
Nordika Desgagnes	12-Aug-22	14:25	14:30	60.0870018	-62.48149872	60.09283447	-62.46500015		10.9	291	Starboard	20	Indoors	Yes
Nordika Desgagnes	12-Aug-22	14:35	14:40	60.0996666	-62.49700165	60.10716629	-62.52616501		10.9	291	Starboard	20	Indoors	No
Nordika Desgagnes	12-Aug-22	14:45	14:50	60.11566544	-62.55833435	60.1218338	-62.58200073		10.9	291	Starboard	20	Indoors	No
Nordika Desgagnes	12-Aug-22	14:55	15:00	60.13050079	-62.61449814	60.13050079	-62.63666534		10.9	291	Starboard	20	Indoors	No
Nordika Desgagnes	12-Aug-22	15:05	15:10	60.14583206	-62.67133331	60.15333176	-62.70000076		10.9	291	Starboard	20	Indoors	No
Nordika Desgagnes	12-Aug-22	15:15	15:20	60.16166687	-62.7266655	60.17083359	-62.7594986		12	310	Starboard	20	Indoors	No
Nordika Desgagnes	12-Aug-22	15:25	15:30	60.18000031	-62.79166794	60.1883316	-62.82500076		12	310	Starboard	20	Indoors	No
Nordika Desgagnes	12-Aug-22	15:35	15:40	60.19666672	-62.85499954	60.20500183	-62.88666534		12	310	Starboard	20	Indoors	No
Nordika Desgagnes	12-Aug-22	15:45	15:50	60.21500015	-62.91999817	60.22333145	-62.95333481		12	310	Starboard	20	Indoors	No
Nordika Desgagnes	12-Aug-22	15:55	16:00	60.22999954	-62.98500061	60.23833466	-63.01499939		12	310	Starboard	20	Indoors	No
Nordika Desgagnes	12-Aug-22	16:05	16:10	60.24499893	-63.05833435	60.24666595	-63.0933342		12	310	Starboard	20	Indoors	No
Nordika Desgagnes	13-Aug-22	13:00	13:05	62.24166489	-71.85333252	62.25166702	-71.89666748		14	300	Starboard	20	Indoors	No
Nordika Desgagnes	13-Aug-22	13:10	13:15	62.25999832	-71.93499756	62.27000046	-71.97000122		14	300	Starboard	20	Indoors	No
Nordika Desgagnes	13-Aug-22	13:20	13:25	62.27833176	-72.00666809	62.28666687	-72.04666901		14	300	Starboard	20	Indoors	No
Nordika Desgagnes	13-Aug-22	13:30	13:35	62.29666519	-72.08499908	62.30500031	-72.11333466		14	300	Starboard	20	Indoors	No
Nordika Desgagnes	13-Aug-22	13:40	13:45	62.3133316	-72.14833069	62.32166672	-72.18333435		14	300	Starboard	20	Indoors	No
Nordika Desgagnes	13-Aug-22	13:50	13:55	62.33166504	-72.22000122	62.34000015	-72.25499725		14	300	Starboard	20	Indoors	No
Nordika Desgagnes	13-Aug-22	14:00	14:05	62.34833145	-72.29000092	62.35833359	-72.32166629		14	300	Starboard	20	Indoors	No
Nordika Desgagnes	13-Aug-22	14:10	14:15	62.36666489	-72.35500336	62.375	-72.39167023		14	300	Starboard	20	Indoors	Yes
Nordika Desgagnes	13-Aug-22	14:20	14:25	62.38166809	-72.42500305	62.39166641	-72.46166992		14	300	Starboard	20	Indoors	No
Nordika Desgagnes	13-Aug-22	14:30	14:35	62.3983345	-72.49333191	62.4066658	-72.52833557		14	300	Starboard	20	Indoors	No
Nordika Desgagnes	13-Aug-22	14:40	14:45	62.41500092	-72.55833435	62.42333221	-72.59166718		14	300	Starboard	20	Indoors	No
Nordika Desgagnes	13-Aug-22	14:50	14:55	62.43166733	-72.62666321	62.4383316	-72.65833282		14	300	Starboard	20	Indoors	No
Nordika Desgagnes	13-Aug-22	15:00	15:05	62.44666672	-72.69000244	62.45666504	-72.73666382		14	300	Starboard	20	Indoors	No
Nordika Desgagnes	13-Aug-22	15:10	15:15	62.46500015	-72.76833344	62.47000122	-72.79333496		14	300	Starboard	20	Indoors	No
Nordika Desgagnes	13-Aug-22	15:20	15:25	62.47833252	-72.82833099	62.48500061	-72.86166382		14	300	Starboard	20	Indoors	No

Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Nordika Desgagnes	13-Aug-22	15:30	15:35	62.49333191	-72.89167023	62.50166702	-72.92666626		14	300	Starboard	20	Indoors	No
Nordika Desgagnes	13-Aug-22	15:40	15:45	62.50833511	-72.95333099	62.51333237	-72.98500061		14	300	Starboard	20	Indoors	No
Nordika Desgagnes	13-Aug-22	15:45	15:50	62.51333237	-72.98500061	62.84833145	-73.02166748		14	300	Starboard	20	Indoors	No
Nordika Desgagnes	14-Aug-22	12:45	12:50	62.24833298	-81.84166718	62.23500061	-81.87000275		14	222	Starboard	20	Indoors	No
Nordika Desgagnes	14-Aug-22	12:55	13:00	62.22000122	-81.89833069	62.20666504	-81.92333221		14	222	Starboard	20	Indoors	No
Nordika Desgagnes	14-Aug-22	13:05	13:10	62.18999863	-81.95666504	62.17833328	-81.98000336		14	222	Starboard	20	Indoors	No
Nordika Desgagnes	14-Aug-22	13:15	13:20	62.16333389	-82.0083313	62.1483345	-82.03666687		14	222	Starboard	20	Indoors	No
Nordika Desgagnes	14-Aug-22	13:25	13:30	62.13333511	-82.06666565	62.12166595	-82.08999634		14	222	Starboard	20	Indoors	No
Nordika Desgagnes	14-Aug-22	13:35	13:40	62.10666656	-82.125	62.09166718	-82.15333557		14	222	Starboard	20	Indoors	No
Nordika Desgagnes	14-Aug-22	13:45	13:50	62.08000183	-82.1783371	62.06499863	-82.20666504		14	222	Starboard	20	Indoors	No
Nordika Desgagnes	14-Aug-22	13:55	14:00	62.04499817	-82.23332977	62.04000092	-82.25499725		14	222	Starboard	20	Indoors	No
Nordika Desgagnes	14-Aug-22	14:05	14:10	62.02500153	-82.28500366	62.01166534	-82.3116684		14	222	Starboard	20	Indoors	No
Nordika Desgagnes	14-Aug-22	14:15	14:20	61.99833298	-82.34666443	61.98333359	-82.36833191		14	222	Starboard	20	Indoors	No
Nordika Desgagnes	14-Aug-22	14:25	14:30	61.97000122	-82.39833069	61.95833206	-82.42166901		14	222	Starboard	20	Indoors	No
Nordika Desgagnes	14-Aug-22	14:35	14:40	61.94333267	-82.44833374	61.92499924	-82.48000336		14	222	Starboard	20	Indoors	No
Nordika Desgagnes	14-Aug-22	14:45	14:50	61.91833496	-82.51166534	61.91666794	-82.55000305		13.5	270	Starboard	20	Indoors	No
Nordika Desgagnes	14-Aug-22	14:55	15:00	61.91666794	-82.58999634	61.91666794			13.5	270	Starboard	20	Indoors	No
Nordika Desgagnes	14-Aug-22	15:05	15:10	61.91666794	-82.67333221	61.91666794	-82.70666504		13.5	270	Starboard	20	Indoors	Yes
Nordika Desgagnes	14-Aug-22	15:15	15:20	61.91666794	-82.74833679	61.91500092	-82.78833008		13.5	270	Starboard	20	Indoors	No
Nordika Desgagnes	14-Aug-22	15:25	15:30	61.91500092	-82.83000183	61.91500092	-82.87000275		13.5	270	Starboard	20	Indoors	No
Nordika Desgagnes	14-Aug-22	15:35	15:40	61.91500092	-82.91166687	61.91500092	-82.95500183		13.5	270	Starboard	20	Indoors	No
Nordika Desgagnes	15-Aug-22	13:00	13:05	63.30833435	-90.57499695	83.3133316	-90.57833099		4	346	Starboard	20	Indoors	No
Nordika Desgagnes	15-Aug-22	13:10	13:15	63.32166672	-90.58166504	63.33166504	-90.59333038		4	346	Starboard	20	Indoors	Yes
Nordika Desgagnes	15-Aug-22	13:20	13:25	63.34166718	-90.60832977	63.3516655	-90.62166595		4	346	Starboard	20	Indoors	No
Nordika Desgagnes	15-Aug-22	13:30	13:35	63.36166763	-90.63999939	63.37166595	-90.65833282		4	346	Starboard	20	Indoors	No
Nordika Desgagnes	15-Aug-22	13:40	13:45	63.38166809	-90.68000031	63.39166641	-90.69999695		4	346	Starboard	20	Indoors	No
Nordika Desgagnes	15-Aug-22	13:50	13:55	63.40333176	-90.72499847	63.40999985	-90.73500061		4	346	Starboard	20	Indoors	Yes
Nordika Desgagnes	15-Aug-22	14:00	14:05	63.41833496	-90.75	63.42666626	-90.76833344		8	319	Starboard	20	Indoors	Yes
Nordika Desgagnes	15-Aug-22	14:10	14:15	63.43500137	-90.78666687	63.44333267	-90.8033371		8	319	Starboard	20	Indoors	No
Nordika Desgagnes	15-Aug-22	14:20	14:25	63.45000076	-90.81666565	63.45000076	-90.83333588		8	319	Starboard	20	Indoors	No
Nordika Desgagnes	15-Aug-22	14:30	14:35	63.46500015	-90.84833527	63.47333145	-90.86166382		8	319	Starboard	20	Indoors	No
Nordika Desgagnes	15-Aug-22	14:40	14:45	63.47999954	-90.875	63.48666763	-90.88999939		8	319	Starboard	20	Indoors	No
Nordika Desgagnes	15-Aug-22	14:50	14:55	63.49499893	-90.90499878	63.50166702	-90.92166901		8	319	Starboard	20	Indoors	No
Nordika Desgagnes	15-Aug-22	15:00	15:05	63.50833511	-90.94999695	63.51499939	-90.98000336		10	297	Starboard	20	Indoors	No
Nordika Desgagnes	15-Aug-22	15:15	15:20	63.5233345	-91.01333618	63.53333282	-91.02833557		10	297	Starboard	20	Indoors	No
Nordika Desgagnes	15-Aug-22	15:20	15:25	63.54499817	-91.04333496	63.55833435	-91.05833435		10	297	Starboard	20	Indoors	No
Nordika Desgagnes	15-Aug-22	15:30	15:35	63.57166672	-91.07499695	63.58166504	-91.10333252		10	297	Starboard	20	Indoors	No
Nordika Desgagnes	15-Aug-22	15:40	15:45	63.58499908	-91.12833405	63.58666611	-91.15666962		10	297	Starboard	20	Indoors	No
Nordika Desgagnes	15-Aug-22	15:50	15:55	63.58833313	-91.19333649	63.59000015	-91.21666718		10	297	Starboard	20	Indoors	No
Nordika Desgagnes	27-Aug-22	13:00	13:05	61.91500092	-83.55666351	61.91500092	-83.50166321	110	14	90	Starboard	20	Indoors	No
Nordika Desgagnes	27-Aug-22	13:10	13:15	61.91500092	-83.46333313	61.91500092	-83.42500305	110	14	90	Starboard	20	Indoors	No
Nordika Desgagnes	27-Aug-22	13:20	13:25	61.91500092	-83.38166809	61.91500092	-83.34333038	110	14	90	Starboard	20	Indoors	No
Nordika Desgagnes	27-Aug-22	13:30	13:35	61.91500092	-83.30000305	61.91500092	-83.26166534	110	14	90	Starboard	20	Indoors	No
Nordika Desgagnes	27-Aug-22	13:40	13:45	61.91500092	-83.22166443	61.91500092	-83.18000031	110	14	90	Starboard	20	Indoors	No
Nordika Desgagnes	27-Aug-22	13:50	13:55	61.91500092	-83.14333344	61.91500092	-83.10333252	110	14	90	Starboard	20	Indoors	No
Nordika Desgagnes	27-Aug-22	14:00	14:05	61.91666794	-83.0633316	61.91666794	-83.02166748	76	14	90	Starboard	20	Indoors	No
Nordika Desgagnes	27-Aug-22	14:10	14:15	61.91666794	-82.97333527	61.91666794	-82.94000244	76	14	90	Starboard	20	Indoors	No
Nordika Desgagnes	27-Aug-22	14:20	14:25	61.91500092	-82.90499878	61.91500092	-82.95500183	76	14	90	Starboard	20	Indoors	No
Nordika Desgagnes	27-Aug-22	14:30	14:35	61.91500092	-82.8133316	61.91500092	-82.77333069	76	14	90	Starboard	20	Indoors	No

Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Nordika Desgagnes	27-Aug-22	14:40	14:45	61.91333389	-82.72499847	61.91333389	-82.6966629	76	14	90	Starboard	20	Indoors	Yes
Nordika Desgagnes	27-Aug-22	14:50	14:55	61.91500092	-82.64333344	61.91500092	-82.60333252	76	14	90	Starboard	20	Indoors	No
Nordika Desgagnes	27-Aug-22	15:00	15:05	61.91500092	-82.56666565	61.91500092	-82.51833344		14	90	Starboard	20	Indoors	Yes
Nordika Desgagnes	27-Aug-22	15:10	15:15	61.92333221	-82.48833466	61.9383316	-82.45500183		14	90	Starboard	20	Indoors	Yes
Nordika Desgagnes	27-Aug-22	15:20	15:25	61.95166779	-82.43000031	61.96500015	-82.40333557		14	90	Starboard	20	Indoors	No
Nordika Desgagnes	27-Aug-22	15:30	15:35	61.97833252	-82.37666321	61.99333191	-82.34166718		14	90	Starboard	20	Indoors	Yes
Nordika Desgagnes	27-Aug-22	15:40	15:45	62.00833511	-82.31666565	62.02166748	-82.29166412		14	90	Starboard	20	Indoors	No
Nordika Desgagnes	27-Aug-22	15:50	15:55	62.03499985	-82.26667023	62.04999924	-82.23500061		14	90	Starboard	20	Indoors	Yes
Nordika Desgagnes	28-Aug-22	12:55	13:00	62.25	-71.86499786	62.23833466	-71.8133316		14	114	Starboard	20	Indoors	No
Nordika Desgagnes	28-Aug-22	13:05	13:10	62.22999954	-71.78166962	62.22333145	-71.74833679		14	114	Starboard	20	Indoors	No
Nordika Desgagnes	28-Aug-22	13:15	13:20	62.21166611	-71.70500183	62.20500183	-71.67333221		14	114	Starboard	20	Indoors	No
Nordika Desgagnes	28-Aug-22	13:25	13:30	62.19499969	-71.63166809	62.1866684	-71.59833527		14	114	Starboard	20	Indoors	No
Nordika Desgagnes	28-Aug-22	13:35	13:40	62.17499924	-71.55666351	62.16500092	-71.51333618		14	114	Starboard	20	Indoors	Yes
Nordika Desgagnes	28-Aug-22	13:45	13:50	62.15833282	-71.48000336	62.14500046	-71.43000031		14	114	Starboard	20	Indoors	Yes
Nordika Desgagnes	28-Aug-22	14:00	14:05	62.12833405	-71.36333466	62.11999893	-71.32333374		15	114	Starboard	20	Indoors	No
Nordika Desgagnes	28-Aug-22	14:10	14:15	62.11000061	-71.28333282	62.09999847	-71.2416687		15	114	Starboard	20	Indoors	No
Nordika Desgagnes	28-Aug-22	14:20	14:25	62.09000015	-71.19833374	62.08166504	-71.16333008		15	114	Starboard	20	Indoors	Yes
Nordika Desgagnes	28-Aug-22	14:30	14:35	62.06999969	-71.11499786	62.0616684	-71.08166504		15	114	Starboard	20	Indoors	Yes
Nordika Desgagnes	28-Aug-22	14:40	14:45	62.05333328	-71.04333496	62.04666519	-70.99666595		15	114	Starboard	20	Indoors	No
Nordika Desgagnes	28-Aug-22	14:50	14:55	62.0316658	-70.94999695	62.02333345	-70.91166687		15	114	Starboard	20	Indoors	No
Nordika Desgagnes	28-Aug-22	15:00	15:05	62.01333237	-70.87000275	62.00500107	-70.83333588		15	114	Starboard	20	Indoors	No
Nordika Desgagnes	28-Aug-22	15:10	15:15	61.99666595	-70.79666901	61.98833466	-70.75666809		15	114	Starboard	20	Indoors	No
Nordika Desgagnes	15-Sep-22	10:30	10:35	60.53333282	-64.72166443			337	15	279	Starboard	33	Indoors	Yes
Nordika Desgagnes	15-Sep-22	10:35	10:40					337	15	279	Starboard	33	Indoors	Yes
Nordika Desgagnes	15-Sep-22	10:40	10:45					337	15	279	Starboard	33	Indoors	Yes
Nordika Desgagnes	15-Sep-22	10:45	10:50					337	15	279	Starboard	33	Indoors	No
Nordika Desgagnes	15-Sep-22	10:50	10:55					337	15	279	Starboard	33	Indoors	Yes
Nordika Desgagnes	15-Sep-22	10:55	11:00			60.56499863	-64.93333435	337	15	279	Starboard	33	Indoors	No
Nordika Desgagnes	16-Sep-22	10:30	10:35	62.51666641	-74.36000061	62.51666641	-74.39833069		12	270	Starboard	33	Indoors	Yes
Nordika Desgagnes	16-Sep-22	10:35	10:40	62.51666641	-74.39833069	62.51666641	-74.4366684		12	270	Starboard	33	Indoors	No
Nordika Desgagnes	16-Sep-22	10:40	10:45	62.51666641	-74.4366684	62.51666641	-74.47499847		12	270	Starboard	33	Indoors	Yes
Nordika Desgagnes	16-Sep-22	10:45	10:50	62.51666641	-74.47499847	62.51666641	-74.51333618		12	270	Starboard	33	Indoors	Yes
Nordika Desgagnes	16-Sep-22	10:50	10:55	62.51666641	-74.51333618	62.51666641	-74.55166626		12	270	Starboard	33	Indoors	Yes
Nordika Desgagnes	16-Sep-22	10:55	11:00	62.51666641	-74.55166626	62.51666641	-74.58999634		12	270	Starboard	33	Indoors	Yes
Nordika Desgagnes	17-Sep-22	10:30	10:35	61.99833298	-84.85166931	62.00166702	-84.87333679			282	Starboard	33	Indoors	No
Nordika Desgagnes	17-Sep-22	10:35	10:40	62.00166702	-84.87333679	52.00333405	-84.90166473			282	Starboard	33	Indoors	Yes
Nordika Desgagnes	17-Sep-22	10:40	10:45	62.00333405	-84.90166473	62.00666809	-84.92666626			282	Starboard	33	Indoors	Yes
Nordika Desgagnes	17-Sep-22	10:45	10:50	62.00666809	-84.92666626	62.00999832	-84.95666504			282	Starboard	33	Indoors	No
Nordika Desgagnes	17-Sep-22	10:50	10:55	62.00999832	-84.95666504	62.01166534	-84.98332977			282	Starboard	33	Indoors	Yes
Nordika Desgagnes	17-Sep-22	10:55	11:00	62.01166534	-84.98332977	62.01499939	-85.01000214			282	Starboard	33	Indoors	No
Nordika Desgagnes	20-Sep-22	18:00	18:05	63.93999863	-93.63500214	63.93999863	-93.63500214				Starboard	33	Indoors	Yes
Nordika Desgagnes	20-Sep-22	18:05	18:10	63.93999863	-93.63500214	63.93999863	-93.63500214				Starboard	33	Indoors	No
Nordika Desgagnes	20-Sep-22	18:10	18:15	63.93999863	-93.63500214	63.93999863	-93.63500214				Starboard	33	Indoors	No
Nordika Desgagnes	20-Sep-22	18:15	18:20	63.93999863	-93.63500214	63.93999863	-93.63500214				Starboard	33	Indoors	No
Nordika Desgagnes	20-Sep-22	18:20	18:25	63.93999863	-93.63500214	63.93999863	-93.63500214				Starboard	33	Indoors	Yes
Nordika Desgagnes	20-Sep-22	18:25	18:30	63.93999863	-93.63500214	63.93999863	-93.63500214				Starboard	33	Indoors	No
Nordika Desgagnes	22-Sep-22	18:00	18:05	63.94333267	-93.63833618	63.94333267	-93.63833618				Starboard	33	Indoors	No
Nordika Desgagnes	22-Sep-22	18:05	18:10	63.94333267	-93.63833618	63.94333267	-93.63833618				Starboard	33	Indoors	Yes
Nordika Desgagnes	22-Sep-22	18:10	18:15	63.94333267	-93.63833618	63.94333267	-93.63833618				Starboard	33	Indoors	No



Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Nordika Desgagnes	22-Sep-22	18:15	18:20	63.94333267	-93.63833618	63.94333267	-93.63833618				Starboard	33	Indoors	No
Nordika Desgagnes	22-Sep-22	18:20	18:25	63.94333267	-93.63833618	63.94333267	-93.63833618				Starboard	33	Indoors	No
Nordika Desgagnes	22-Sep-22	18:25	18:30	63.94333267	-93.63833618	63.94333267	-93.63833618				Starboard	33	Indoors	No
Nordika Desgagnes	27-Sep-22	10:30	10:35	62.12166595	-84.9366684	62.12166595	-84.91666412		15	114	Starboard	33	Indoors	Yes
Nordika Desgagnes	27-Sep-22	10:35	10:40	62.12166595	-84.91666412	62.10666656	-84.87166595		15	114	Starboard	33	Indoors	No
Nordika Desgagnes	27-Sep-22	10:40	10:45	62.10666656	-84.87166595	62.09500122	-84.81833649		15	114	Starboard	33	Indoors	Yes
Nordika Desgagnes	27-Sep-22	10:45	10:50	62.09500122	-84.81833649	62.08833313	-84.79333496		15	114	Starboard	33	Indoors	No
Nordika Desgagnes	27-Sep-22	10:50	10:55	62.08833313	-84.79333496	62.07833481	-84.75333405		15	114	Starboard	33	Indoors	Yes
Nordika Desgagnes	27-Sep-22	10:55	11:00	62.07833481	-84.75333405	62.07166672	-84.71833038		15	114	Starboard	33	Indoors	No
Nordika Desgagnes	28-Sep-22	10:30	10:35	62.51499939	-73.47333527	62.51499939	-73.43166351	315	14	90	Starboard	33	Indoors	No
Nordika Desgagnes	28-Sep-22	10:35	10:40	62.51499939	-73.43166351	62.51499939	-73.38166809	315	14	90	Starboard	33	Indoors	Yes
Nordika Desgagnes	28-Sep-22	10:40	10:45	62.51499939	-73.38166809	62.51666641	-73.34500122	315	14	90	Starboard	33	Indoors	Yes
Nordika Desgagnes	28-Sep-22	10:45	10:50	62.51666641	-73.34500122	62.51666641	-73.30000305	315	14	90	Starboard	33	Indoors	No
Nordika Desgagnes	28-Sep-22	10:50	10:55	62.51666641	-73.30000305	62.51666641	-73.25499725	315	14	90	Starboard	33	Indoors	Yes
Nordika Desgagnes	28-Sep-22	10:55	11:00	62.51666641	-73.25499725	62.51666641	-73.20666504	315	14	90	Starboard	33	Indoors	No
Tuvaq W.	13-Aug-22	09:05	09:10	64.51667023	-96.01667023	64.51667023	-96.01667023	330	0	330	Port	20	Indoors	Yes
Tuvaq W.	13-Aug-22	09:14	09:19	64.51667023	-96.01667023	64.51667023	-96.01667023	330	0	330	Port	20	Indoors	Yes
Tuvaq W.	13-Aug-22	09:22	09:27	64.51667023	-96.01667023	64.51667023	-96.01667023	330	0	330	Port	20	Indoors	Yes
Tuvaq W.	13-Aug-22	09:30	09:35	64.51667023	-96.01667023	64.51667023	-96.01667023	330	0	330	Port	20	Indoors	Yes
Tuvaq W.	13-Aug-22	09:37	09:42	64.51667023	-96.01667023	64.51667023	-96.01667023	330	0	330	Port	20	Indoors	Yes
Tuvaq W.	13-Aug-22	09:44	09:49	64.51667023	-96.01667023	64.51667023	-96.01667023	330	0	330	Port	20	Indoors	Yes
Tuvaq W.	14-Aug-22	06:05	06:10	64.30666351	-96.01166534	64.30666351	-96.01166534	340	0	338	Port	20	Indoors	Yes
Tuvaq W.	14-Aug-22	06:15	06:20	64.30666351	-96.01166534	64.30666351	-96.01166534	340	0	338	Port	20	Indoors	Yes
Tuvaq W.	14-Aug-22	06:25	06:30	64.30666351	-96.01166534	64.30666351	-96.01166534	340	0	338	Port	20	Indoors	Yes
Tuvaq W.	14-Aug-22	06:37	06:42	64.30666351	-96.01166534	64.30666351	-96.01166534	340	0	338	Port	20	Indoors	Yes
Tuvaq W.	14-Aug-22	06:48	06:53	64.30666351	-96.01166534	64.30666351	-96.01166534	340	0	338	Port	20	Indoors	Yes
Tuvaq W.	14-Aug-22	06:58	07:03	64.30666351	-96.01166534	64.30666351	-96.01166534	340	0	338	Port	20	Indoors	Yes
Tuvaq W.	15-Aug-22	14:15	14:20	63.99499893	-94.2416687	63.99666595	-94.21833038	270	9.5		Bow	20	Indoors	No
Tuvaq W.	15-Aug-22	14:25	14:30	63.99499893	-94.1883316	63.99166489	-94.15666962	270	9.5		Bow	20	Indoors	No
Tuvaq W.	15-Aug-22	14:34	14:39	63.98833466	-94.12833405	63.98166656	-94.09666443	270	9.5		Bow	20	Indoors	No
Tuvaq W.	15-Aug-22	14:40	14:45	63.97999954	-94.08833313	63.96666718	-94.06833649	270	9.5		Bow	20	Indoors	Yes
Tuvaq W.	15-Aug-22	14:54	14:59	63.94166565	-94.02666473	63.93000031	-93.99500275	270	9.5		Bow	20	Indoors	No
Tuvaq W.	15-Aug-22	15:01	15:06	63.92499924	-93.98332977	63.92166519	-93.94333649	270	9.5		Bow	20	Indoors	Yes
Tuvaq W.	16-Aug-22	14:04	14:09	63.9766655	-94.08333588	63.98500061	-94.11000061	270	9.5		Port	20	Indoors	No
Tuvaq W.	16-Aug-22	14:12	14:17	63.98833466	-94.125	63.99166489	-94.15499878	270	9.5		Port	20	Indoors	No
Tuvaq W.	16-Aug-22	14:18	14:23	63.99166489	-94.16166687	63.99499893	-94.1883316	270	9.5		Port	20	Indoors	No
Tuvaq W.	16-Aug-22	14:26	14:31	63.99666595	-94.20333099	63.99499893	-94.22499847	270	9.5		Port	20	Indoors	Yes
Tuvaq W.	16-Aug-22	14:38	14:43	63.99499893	-94.25499725	63.99333191	-94.27500153	270	9.5		Port	20	Indoors	Yes
Tuvaq W.	16-Aug-22	14:52	14:57	63.99333191	-94.3033371	63.99833298	-94.32333374	270	9.5		Port	20	Indoors	Yes
Tuvaq W.	17-Aug-22	14:38	14:43	63.96666718	-94.06833649	63.97833252	-94.08833313	350	9.5		Starboard	20	Indoors	Yes
Tuvaq W.	17-Aug-22	14:47	14:52	63.98333359	-94.10333252	63.98833466	-94.12833405	350	9.5		Starboard	20	Indoors	No
Tuvaq W.	17-Aug-22	14:55	15:00	63.99000168	-94.14167023	63.99166489	-94.16500092	350	9.5		Starboard	20	Indoors	Yes
Tuvaq W.	17-Aug-22	15:07	15:12	63.99499893	-94.19000244	63.99666595	-94.21333313	350	9.5		Starboard	20	Indoors	Yes
Tuvaq W.	17-Aug-22	15:14	15:19	63.99499893	-94.21833038	63.99499893	-94.23833466	350	9.5		Starboard	20	Indoors	Yes
Tuvaq W.	17-Aug-22	15:23	15:28	63.99499893	-94.25333405	63.99333191	-94.26833344	350	9.5		Starboard	20	Indoors	Yes
Tuvaq W.	24-Aug-22	17:50	17:55	64.19166565	-95.17166901	64.19166565	-95.14833069	315	6.4	106	Port	20	Indoors	No
Tuvaq W.	24-Aug-22	18:00	18:05	64.1866684	-95.14333344	64.18499756	-95.11333466	315	6.4	106	Port	20	Indoors	Yes
Tuvaq W.	24-Aug-22	18:15	18:20	64.18000031	-95.08000183	64.1783371	-95.06333316	315	6.4	106	Port	20	Indoors	Yes
Tuvaq W.	24-Aug-22	18:22	18:27	64.1783371	-95.05999756	64.17500305	-95.03833008	315	6.4	106	Port	20	Indoors	No

Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Tuvaq W.	24-Aug-22	18:30	18:35	64.17333221	-95.02333069	64.16999817	-95.00499725	315	6.4	106	Port	20	Indoors	No
Tuvaq W.	24-Aug-22	18:37	18:42	64.17166901	-95.00166321	64.16833496	-94.98166656	315	6.4	106	Port	20	Indoors	No
Zelada Desgagnes	20-Aug-22	08:40	08:45	61.17333221	-66.89333344	61.17666626	-66.93666684	180	14.5	281	Starboard	20	Indoors	Yes
Zelada Desgagnes	20-Aug-22	08:47	08:52	61.17666626	-66.95166779	61.17333221	-67	180	14.5	281	Starboard	20	Indoors	Yes
Zelada Desgagnes	20-Aug-22	08:54	08:59	61.18166733	-67.01667023	61.18500137	-67.0633316	180	14.5	281	Starboard	20	Indoors	Yes
Zelada Desgagnes	20-Aug-22	09:10	09:15	61.19333267	-67.14167023	61.19833374	-67.18499756	180	14.5	281	Starboard	20	Indoors	Yes
Zelada Desgagnes	20-Aug-22	09:18	09:23	61.20166779	-67.20500183	61.20999908	-67.24333191	180	14.5	281	Starboard	20	Indoors	Yes
Zelada Desgagnes	20-Aug-22	09:26	09:31	61.21333313	-67.26333618	61.22166824	-67.30500031	180	14.5	281	Starboard	20	Indoors	Yes
Zelada Desgagnes	21-Aug-22	09:08	09:13	62.79166794	-77.95833588	62.79666519	-77.99833679	180	13	280	Starboard	20	Indoors	Yes
Zelada Desgagnes	21-Aug-22	09:15	09:20	62.79666519	-78.01833344	62.79999924	-78.04666901	180	13	280	Starboard	20	Indoors	Yes
Zelada Desgagnes	21-Aug-22	09:23	09:23	62.80166626	-78.06833649	62.80500031	-78.07499695	180	13	280	Starboard	20	Indoors	Yes
Zelada Desgagnes	21-Aug-22	09:30	09:35	62.80666733	-78.11833191	62.80833435	-78.15666962	180	13	280	Starboard	20	Indoors	Yes
Zelada Desgagnes	21-Aug-22	09:36	09:41	62.80833435	-78.16166687	62.8133316	-78.20666504	180	13	280	Starboard	20	Indoors	Yes
Zelada Desgagnes	21-Aug-22	09:43	09:48	62.81499863	-78.21499634	62.81666565	-78.25333405	180	13	280	Starboard	20	Indoors	No
Zelada Desgagnes	23-Aug-22	19:45	19:50	63.93999863	-93.61333466	63.93999863	-93.61333466	220	0	320	Starboard	20	Indoors	Yes
Zelada Desgagnes	23-Aug-22	19:51	19:56	63.93999863	-93.61333466	63.93999863	-93.61333466	220	0	320	Starboard	20	Indoors	No
Zelada Desgagnes	23-Aug-22	19:58	20:03	63.93999863	-93.61333466	63.93999863	-93.61333466	220	0	320	Starboard	20	Indoors	No
Zelada Desgagnes	23-Aug-22	20:05	20:10	63.93999863	-93.61333466	63.93999863	-93.61333466	220	0	320	Starboard	20	Indoors	Yes
Zelada Desgagnes	23-Aug-22	20:11	20:16	63.93999863	-93.61333466	63.93999863	-93.61333466	220	0	320	Starboard	20	Indoors	Yes
Zelada Desgagnes	23-Aug-22	20:17	20:22	63.93999863	-93.61333466	63.93999863	-93.61333466	220	0	320	Starboard	20	Indoors	No
Zelada Desgagnes	24-Aug-22	18:47	18:53	63.93999863	-93.61333466	63.93999863	-93.61333466		0	320	Starboard	20	Indoors	Yes
Zelada Desgagnes	24-Aug-22	18:55	19:00	63.93999863	-93.61333466	63.93999863	-93.61333466		0	320	Starboard	20	Indoors	Yes
Zelada Desgagnes	24-Aug-22	19:03	19:08	63.93999863	-93.61333466	63.93999863	-93.61333466		0	320	Starboard	20	Indoors	Yes
Zelada Desgagnes	24-Aug-22	19:10	19:15	63.93999863	-93.61333466	63.93999863	-93.61333466		0	320	Starboard	20	Indoors	No
Zelada Desgagnes	24-Aug-22	19:16	19:20	63.93999863	-93.61333466	63.93999863	-93.61333466		0	320	Starboard	20	Indoors	No
Zelada Desgagnes	24-Aug-22	19:22	19:27	63.93999863	-93.61333466	63.93999863	-93.61333466		0	320	Starboard	20	Indoors	No
Zelada Desgagnes	25-Aug-22	20:00	20:05	63.93999863	-93.61333466	63.93999863	-93.61333466	0	0	330	Starboard	20	Indoors	No
Zelada Desgagnes	25-Aug-22	20:06	20:11	63.93999863	-93.61333466	63.93999863	-93.61333466	0	0	330	Starboard	20	Indoors	Yes
Zelada Desgagnes	25-Aug-22	20:12	20:17	63.93999863	-93.61333466	63.93999863	-93.61333466	0	0	330	Starboard	20	Indoors	Yes
Zelada Desgagnes	25-Aug-22	20:18	20:23	63.93999863	-93.61333466	63.93999863	-93.61333466	0	0	330	Starboard	20	Indoors	No
Zelada Desgagnes	25-Aug-22	20:24	20:29	63.93999863	-93.61333466	63.93999863	-93.61333466	0	0	330	Starboard	20	Indoors	Yes
Zelada Desgagnes	25-Aug-22	20:30	20:35	63.93999863	-93.61333466	63.93999863	-93.61333466	0	0	330	Starboard	20	Indoors	No
Zelada Desgagnes	26-Aug-22	20:45	20:50	63.93999863	-93.61333466	63.93999863	-93.61333466	170	0	334	Starboard	20	Outdoors	Yes
Zelada Desgagnes	26-Aug-22	20:53	20:58	63.93999863	-93.61333466	63.93999863	-93.61333466	170	0	334	Starboard	20	Outdoors	No
Zelada Desgagnes	26-Aug-22	21:00	21:05	63.93999863	-93.61333466	63.93999863	-93.61333466	170	0	334	Starboard	20	Outdoors	No
Zelada Desgagnes	26-Aug-22	21:07	21:12	63.93999863	-93.61333466	63.93999863	-93.61333466	170	0	334	Starboard	20	Outdoors	No
Zelada Desgagnes	26-Aug-22	21:12	21:18	63.93999863	-93.61499786	63.93999863	-93.61499786	170	0	334	Starboard	20	Outdoors	No
Zelada Desgagnes	26-Aug-22	21:30	21:35	63.94166565	-93.62000275	63.94166565	-93.62000275	170	0	334	Starboard	20	Outdoors	Yes
Zelada Desgagnes	27-Aug-22	19:20	19:25	63.94166565	-93.62000275	63.94166565	-93.62000275	110	0	90	Starboard	20	Indoors	Yes
Zelada Desgagnes	27-Aug-22	19:26	19:31	63.94166565	-93.62000275	63.94166565	-93.62000275	110	0	90	Starboard	20	Indoors	No
Zelada Desgagnes	27-Aug-22	19:32	19:37	63.94166565	-93.62000275	63.94166565	-93.62000275	110	0	90	Starboard	20	Indoors	Yes
Zelada Desgagnes	27-Aug-22	19:38	19:43	63.94166565	-93.62000275	63.94166565	-93.62000275	110	0	90	Starboard	20	Indoors	Yes
Zelada Desgagnes	27-Aug-22	19:44	19:49	63.94166565	-93.62000275	63.94166565	-93.62000275	110	0	90	Starboard	20	Indoors	Yes
Zelada Desgagnes	27-Aug-22	19:52	19:57	63.94166565	-93.62000275	63.94166565	-93.62000275	110	0	90	Starboard	20	Indoors	No
Zelada Desgagnes	29-Aug-22	19:00	19:05	63.94166565	-93.62000275	63.94166565	-93.62000275	90	0	104	Starboard	20	Outdoors	No
Zelada Desgagnes	29-Aug-22	19:05	19:15	63.94166565	-93.62000275	63.94166565	-93.62000275	90	0	104	Starboard	20	Outdoors	No
Zelada Desgagnes	29-Aug-22	19:17	19:22	63.94166565	-93.62000275	63.94166565	-93.62000275	90	0	104	Starboard	20	Outdoors	No
Zelada Desgagnes	29-Aug-22	19:25	19:30	63.94166565	-93.62000275	63.94166565	-93.62000275	90	0	104	Starboard	20	Outdoors	No
Zelada Desgagnes	29-Aug-22	19:35	19:40	63.94166565	-93.62000275	63.94166565	-93.62000275	90	0	104	Starboard	20	Outdoors	No

Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Zelada Desgagnes	29-Aug-22	19:50	19:55	63.94166565	-93.62000275	63.94166565	-93.62000275	90	0	104	Starboard	20	Outdoors	No
Zelada Desgagnes	01-Sep-22	19:00	19:05	62.7733345	-92.08999634	62.7733345	-92.08999634		0	6	Starboard	20	Outdoors	Yes
Zelada Desgagnes	01-Sep-22	19:08	19:13	62.7733345	-92.08999634	62.7733345	-92.08999634		0	6	Starboard	20	Outdoors	Yes
Zelada Desgagnes	01-Sep-22	19:15	19:20	62.75666809	-92.08999634	62.7733345	-92.08999634		0	6	Starboard	20	Outdoors	Yes
Zelada Desgagnes	01-Sep-22	19:25	19:30	62.7733345	-92.08999634	62.7733345	-92.08999634		0	6	Starboard	20	Outdoors	Yes
Zelada Desgagnes	01-Sep-22	19:33	19:38	62.7733345	-92.08999634	62.7733345	-92.08999634		0	6	Starboard	20	Outdoors	Yes
Zelada Desgagnes	01-Sep-22	19:40	19:45	62.7733345	-92.08999634	62.7733345	-92.08999634		0	6	Starboard	20	Outdoors	No
Zelada Desgagnes	02-Sep-22	19:30	19:35	62.7733345	-92.08999634	62.7733345	-92.08999634	40	0	16	Starboard	20	Outdoors	Yes
Zelada Desgagnes	02-Sep-22	19:38		62.7733345	-92.08999634	62.7733345	-92.08999634	40	0	16	Starboard	20	Outdoors	No
Zelada Desgagnes	02-Sep-22	19:43	19:48	62.7733345	-92.08999634	62.7733345	-92.08999634	40	0	16	Starboard	20	Outdoors	No
Zelada Desgagnes	02-Sep-22	19:50	19:55	62.7733345	-92.08999634	62.7733345	-92.08999634	40	0	16	Starboard	20	Outdoors	Yes
Zelada Desgagnes	02-Sep-22	20:00	20:05	62.7733345	-92.08999634	62.7733345	-92.08999634	40	0	16	Starboard	20	Outdoors	No
Zelada Desgagnes	02-Sep-22	20:10	20:15	62.7733345	-92.08999634	62.7733345	-92.08999634	40	0	16	Starboard	20	Outdoors	No
Zelada Desgagnes	02-Sep-22	19:41	19:46	62.38166809	-87.29000092	62.36000061	-87.1333313	30	14.8	107	Starboard	20	Indoors	Yes
Zelada Desgagnes	02-Sep-22	19:47	19:52	62.35666656	-87.11000061	62.35333252	-87.08666992	30	14.8	107	Starboard	20	Indoors	Yes
Zelada Desgagnes	02-Sep-22	19:54	19:59	62.35333252	-87.08000183	62.33666611	-87.0633316	30	14.8	107	Starboard	20	Indoors	Yes
Zelada Desgagnes	02-Sep-22	20:03	20:08	62.32500076	-87.05833435	62.30833435	-87.04833221	30	14.8	107	Starboard	20	Indoors	Yes
Zelada Desgagnes	02-Sep-22	20:10	20:15	62.30333328	-87.01833344	62.29999924	-87.01667023	30	14.8	107	Starboard	20	Indoors	No
Zelada Desgagnes	02-Sep-22	20:17	20:22	62.34666824	-87.03666687	62.34333342	-87.02333069	30	14.8	107	Starboard	20	Indoors	No
Zelada Desgagnes	03-Sep-22	18:35	18:40	62.57500076	-75.48833466	62.57333374	-75.47000122	270	14.4	98	Starboard	20	Indoors	Yes
Zelada Desgagnes	03-Sep-22	18:41	18:46	62.57333374	-75.47000122	62.57333374	-75.44000244	270	14.4	98	Starboard	20	Indoors	Yes
Zelada Desgagnes	03-Sep-22	18:48	18:53	62.56999969	-75.4366684	62.57166672	-75.41999817	270	14.4	98	Starboard	20	Indoors	Yes
Zelada Desgagnes	03-Sep-22	18:54	18:59	62.57166672	-75.41166687	62.57166672	-75.39333344	270	14.4	98	Starboard	20	Indoors	Yes
Zelada Desgagnes	03-Sep-22	19:00	19:05	62.56999969	-75.38999939	62.56833267	-75.37666321	270	14.4	98	Starboard	20	Indoors	No
Zelada Desgagnes	03-Sep-22	19:06	19:11	62.56999969	-75.37166595	62.56666565	-75.36000061	270	14.4	98	Starboard	20	Indoors	No
Zelada Desgagnes	04-Sep-22	19:00	19:05	60.2733345	-63.65333176	60.26666641	-63.59999847	270	14.4	120	Port	20	Indoors	Yes
Zelada Desgagnes	04-Sep-22	19:06	19:11	60.26666641	-63.59999847	60.26166534	-63.61000061	270	14.4	120	Port	20	Indoors	Yes
Zelada Desgagnes	04-Sep-22	19:12	19:17	60.26166534	-63.61000061	60.25666809	-63.5933342	270	14.4	120	Port	20	Indoors	No
Zelada Desgagnes	04-Sep-22	19:18	19:23	60.25666809	-63.5933342	60.24833298	-63.56499863	270	14.4	120	Port	20	Indoors	Yes
Zelada Desgagnes	04-Sep-22	19:24	19:29	60.24833298	-63.56499863	60.24333191	-63.54999924	270	14.4	120	Port	20	Indoors	No
Zelada Desgagnes	04-Sep-22	19:30	19:35	60.24333191	-63.54999924	60.23833466	-63.51499939	270	14.4	120	Port	20	Indoors	Yes
Nordika Desgagnes	17-Oct-22	10:30	10:35	61.33000183	-68.04666901	61.33833313	-68.06833649	180	14	300	Starboard	33	Indoors	Yes
Nordika Desgagnes	17-Oct-22	10:35	10:40	61.33833313	-68.06833649	61.34666824	-68.10666656	180	14	300	Starboard	33	Indoors	No
Nordika Desgagnes	17-Oct-22	10:40	10:45	61.34666824	-68.10666656	61.35499954	-68.13833618	180	14	300	Starboard	33	Indoors	Yes
Nordika Desgagnes	17-Oct-22	10:45	10:50	61.35499954	-68.13833618	61.36666489	-68.1866684	180	14	300	Starboard	33	Indoors	No
Nordika Desgagnes	17-Oct-22	10:50	10:55	61.36666489	-68.1866684	61.37166595	-68.20500183	180	14	300	Starboard	33	Indoors	No
Nordika Desgagnes	17-Oct-22	10:55	11:00	61.37166595	-68.20500183	61.38000107	-68.23833466	180	14	300	Starboard	33	Indoors	No
Nordika Desgagnes	18-Oct-22	10:30	10:35	62.19833374	-75.72000122	62.19833374	-75.72000122		0		Starboard	33	Indoors	No
Nordika Desgagnes	18-Oct-22	10:35	10:40	62.19833374	-75.72000122	62.19833374	-75.72000122		0		Starboard	33	Indoors	No
Nordika Desgagnes	18-Oct-22	10:40	10:45	62.19833374	-75.72000122	62.19833374	-75.72000122		0		Starboard	33	Indoors	Yes
Nordika Desgagnes	18-Oct-22	10:45	10:50	62.19833374	-75.72000122	62.19833374	-75.72000122		0		Starboard	33	Indoors	No
Nordika Desgagnes	18-Oct-22	10:50	10:55	62.19833374	-75.72000122	62.19833374	-75.72000122		0		Starboard	33	Indoors	Yes
Nordika Desgagnes	18-Oct-22	10:55	11:00	62.19833374	-75.72000122	62.19833374	-75.72000122		0		Starboard	33	Indoors	No
Nordika Desgagnes	19-Oct-22	10:30	10:35	62.37166595	-75.62833405	62.38000107	-75.65166473		13	279	Starboard	33	Indoors	Yes
Nordika Desgagnes	19-Oct-22	10:35	10:40	62.38000107	-75.65166473	62.39166641	-75.68166351		13	279	Starboard	33	Indoors	Yes
Nordika Desgagnes	19-Oct-22	10:40	10:45	62.39166641	-75.68166351	62.40000153	-75.70500183		13	279	Starboard	33	Indoors	No
Nordika Desgagnes	19-Oct-22	10:45	10:50	62.40000153	-75.70500183	62.41333389	-75.73666382		13	279	Starboard	33	Indoors	No
Nordika Desgagnes	19-Oct-22	10:50	10:55	62.41333389	-75.73666382	62.42499924	-75.76499939		13	279	Starboard	33	Indoors	Yes
Nordika Desgagnes	19-Oct-22	10:55	11:00	62.42499924	-75.76499939	62.4366684	-75.79499817		13	279	Starboard	33	Indoors	No

Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Nordika Desgagnes	21-Oct-22	10:30	10:35					45			Starboard	33	Indoors	No
Nordika Desgagnes	22-Oct-22	10:30	10:35	62.75500107	-92.09666443	62.75500107	-92.09666443	315	0		Starboard	33	Indoors	No
Nordika Desgagnes	22-Oct-22	10:35	10:40	62.75500107	-92.09666443	62.75500107	-92.09666443	315	0		Starboard	33	Indoors	No
Nordika Desgagnes	22-Oct-22	10:40	10:45	62.75500107	-92.09666443	62.75500107	-92.09666443	315	0		Starboard	33	Indoors	Yes
Nordika Desgagnes	22-Oct-22	10:45	10:50	62.75500107	-92.09666443	62.75500107	-92.09666443	315	0		Starboard	33	Indoors	No
Nordika Desgagnes	22-Oct-22	10:50	10:55	62.75500107	-92.09666443	62.75500107	-92.09666443	315	0		Starboard	33	Indoors	No
Nordika Desgagnes	22-Oct-22	10:55	11:00	62.75500107	-92.09666443	62.75500107	-92.09666443	315	0		Starboard	33	Indoors	No
Nordika Desgagnes	23-Oct-22	10:30	10:35					315	0		Starboard	33	Indoors	
Nordika Desgagnes	09-Nov-22	11:00	11:05	62.66166687	-80.95166779	62.66500092	-80.91000366	337	14	90	Starboard	33	Indoors	No
Nordika Desgagnes	09-Nov-22	11:05	11:10	62.66500092	-80.91000366	62.66500092	-80.86833191	337	14	90	Starboard	33	Indoors	Yes
Nordika Desgagnes	09-Nov-22	11:10	11:15	62.66500092	-80.86833191	62.66500092	-80.82666779	337	14	90	Starboard	33	Indoors	No
Nordika Desgagnes	09-Nov-22	11:15	11:20	62.66500092	-80.82666779	62.66500092	-80.78333282	337	14	90	Starboard	33	Indoors	No
Nordika Desgagnes	09-Nov-22	11:20	11:25	62.66500092	-80.78333282	62.66666794	-80.7416687	337	14	90	Starboard	33	Indoors	No
Nordika Desgagnes	09-Nov-22	11:25	11:30	62.66666794	-80.7416687	62.66500092	-80.69999695	337	14	90	Starboard	33	Indoors	No
Nordika Desgagnes	10-Nov-22	10:30	10:35	61.6866684	-69.47833252	61.67833328	-69.44333649	0	13	117	Starboard	33	Indoors	No
Nordika Desgagnes	10-Nov-22	10:35	10:40	61.67833328	-69.44333649	61.66999817	-69.40833282	0	13	117	Starboard	33	Indoors	No
Nordika Desgagnes	10-Nov-22	10:40	10:45	61.66999817	-69.40833282	61.65999985	-69.375	0	13	117	Starboard	33	Indoors	Yes
Nordika Desgagnes	10-Nov-22	10:45	10:50	61.65999985	-69.375	61.65333176	-69.34666443	0	13	117	Starboard	33	Indoors	Yes
Nordika Desgagnes	10-Nov-22	10:50	10:55	61.65333176	-69.34666443	61.64166641	-69.3033371	0	13	117	Starboard	33	Indoors	No
Nordika Desgagnes	10-Nov-22	10:55	11:00	61.64166641	-69.3033371	61.63333511	-69.27666473	0	13	117	Starboard	33	Indoors	No
Claude A Desgagnes	10-Oct-22	08:05	08:10	60.7733345	-65.97666931	60.78666687	-66.06999969	270	10.4	304	Starboard	12	Outdoors	Yes
Claude A Desgagnes	10-Oct-22	08:30	08:38	60.80833435	-66.13666534	60.81166684	-66.15666962	270	10.4	304	Starboard	12	Outdoors	Yes
Claude A Desgagnes	10-Oct-22	08:42	08:47	60.81833267	-66.16999817	60.82166672	-66.20166779	270	10.4	304	Starboard	12	Outdoors	Yes
Claude A Desgagnes	10-Oct-22	08:50	08:55	60.82500076	-66.21333313	60.83000183	-66.23999786	270	10.4	304	Starboard	12	Outdoors	Yes
Claude A Desgagnes	10-Oct-22	08:56	09:01	60.83166504	-66.24500275	60.83666611	-66.27166748	270	10.4	304	Starboard	12	Outdoors	Yes
Claude A Desgagnes	10-Oct-22	09:02	09:07	60.84000015	-66.27500153	60.84500122	-66.29833221	270	10.4	304	Starboard	12	Outdoors	Yes
Claude A Desgagnes	10-Oct-22	15:25	15:30	61.35649872	-68.39616394	61.36449814	-68.4260025	270	11.1	296	Starboard	12	Outdoors	Yes
Claude A Desgagnes	10-Oct-22	15:30	15:35	61.36366653	-68.4260025	61.37283325	-68.46549988	270	11.1	296	Starboard	12	Outdoors	No
Claude A Desgagnes	10-Oct-22	15:35	15:41	61.37283325	-68.46549988	61.37916565	-68.49649811	270	11.1	296	Starboard	12	Outdoors	No
Claude A Desgagnes	10-Oct-22	15:41	15:46	61.37916565	-68.49649811	61.38533401	-68.52566528	270	11.1	296	Starboard	12	Outdoors	Yes
Claude A Desgagnes	10-Oct-22	15:46	15:51	61.38533401	-68.52566528	61.39133453	-68.5541687	270	11.1	296	Starboard	12	Outdoors	No
Claude A Desgagnes	10-Oct-22	15:51	16:00	61.39133453	-68.5541687	61.40433502	-68.61416626	270	11.1	296	Starboard	12	Outdoors	No
Claude A Desgagnes	11-Oct-22	08:15	08:20	62.54333496	-74.97666931	62.54499817	-75.01499939	290	11.5	276	Port	12	Outdoors	No
Claude A Desgagnes	11-Oct-22	08:20	08:26	62.54499817	-75.02166748	62.54666519	-75.05999756	290	11.5	276	Port	12	Outdoors	No
Claude A Desgagnes	11-Oct-22	08:26	08:31	62.54666519	-75.0616684	62.54666519	-75.09666443	290	11.5	276	Port	12	Outdoors	No
Claude A Desgagnes	11-Oct-22	08:32	08:37	62.54499817	-75.10500336	62.54666519	-75.13500214	290	11.5	276	Port	12	Outdoors	No
Claude A Desgagnes	11-Oct-22	08:37	08:42	62.54666519	-75.13666534	62.54833221	-75.16999817	290	11.5	276	Port	12	Outdoors	No
Claude A Desgagnes	11-Oct-22	08:42	08:47	62.54833221	-75.17333221	62.54833221	-75.20833588	290	11.5	276	Port	12	Outdoors	No
Claude A Desgagnes	11-Oct-22	15:20	15:25	62.41933441	-77.96333313	62.40816498	-77.95433044	180	9.2	175	Starboard	12	Outdoors	No
Claude A Desgagnes	11-Oct-22	15:26	15:31	62.40816498	-77.95433044	62.39983368	-77.95366669	180	9.2	175	Starboard	12	Outdoors	Yes
Claude A Desgagnes	11-Oct-22	15:32	15:37	62.39983368	-77.95366669	62.39699936	-77.95249939	180	9.2	175	Starboard	12	Outdoors	No
Claude A Desgagnes	11-Oct-22	15:38	15:43	62.39699936	-77.95233154	62.39699936	-77.95233154	180	9.2	175	Starboard	12	Outdoors	No
Claude A Desgagnes	11-Oct-22	15:44	15:49	62.39699936	-77.95233154	62.3983345	-77.9521637	180	9.2	175	Starboard	12	Outdoors	No
Claude A Desgagnes	11-Oct-22	15:50	15:55	62.3983345	-77.9521637	62.39816666	-77.95183563	180	9.2	175	Starboard	12	Outdoors	No
Claude A Desgagnes	13-Oct-22	08:11	08:16	62.39666748	-77.95500183	62.39666748	-77.95500183	120	0		Starboard	12	Outdoors	Yes
Claude A Desgagnes	13-Oct-22	08:16	08:21	62.39666748	-77.92166901	62.39666748	-77.92166901	120	0		Starboard	12	Outdoors	Yes
Claude A Desgagnes	13-Oct-22	08:21	08:26	62.39666748	-77.92166901	62.39666748	-77.92166901	120	0		Starboard	12	Outdoors	Yes
Claude A Desgagnes	13-Oct-22	08:26	08:31	62.39666748	-77.92166901	62.39666748	-77.92166901	120	0		Starboard	12	Outdoors	Yes
Claude A Desgagnes	13-Oct-22	08:31	08:36	62.39666748	-77.92166901	62.39666748	-77.92166901	120	0		Starboard	12	Outdoors	Yes



Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Claude A Desgagnes	13-Oct-22	08:36	08:41	62.39666748	-77.92166901	62.39666748	-77.92166901	120	0		Starboard	12	Outdoors	Yes
Claude A Desgagnes	13-Oct-22	15:58	16:03	62.88550186	-80.47633362	62.89316559	-80.51916504	135	13.7	291	Starboard	12	Outdoors	No
Claude A Desgagnes	13-Oct-22	16:04	16:10	62.88583374	-80.47666931	62.90316772	-80.58133698	135	13.7	291	Starboard	12	Outdoors	Yes
Claude A Desgagnes	13-Oct-22	16:11	16:16	62.90483475	-80.57533264	62.91066742	-80.62466431	135	13.7	291	Starboard	12	Outdoors	No
Claude A Desgagnes	13-Oct-22	16:17	16:22	62.91166687	-80.62633514	62.91899872	-80.66500092	135	13.7	291	Starboard	12	Outdoors	No
Claude A Desgagnes	13-Oct-22	16:23	16:28	62.91933441	-80.66516876	62.92716599	-80.71166992	135	13.7	291	Starboard	12	Outdoors	Yes
Claude A Desgagnes	13-Oct-22	16:29	16:34	62.92750168	-80.71166992	62.9355011	-80.76166534	135	13.7	291	Starboard	12	Outdoors	Yes
Claude A Desgagnes	14-Oct-22	08:07	08:12	62.77000046	-88.30000305	62.76666641	-88.33666992	70	12.8	262	Port	12	Outdoors	No
Claude A Desgagnes	14-Oct-22	08:12	08:17	62.76666641	-88.33666992	62.76333237	-88.37666321	70	12.8	262	Port	12	Outdoors	No
Claude A Desgagnes	14-Oct-22	08:17	08:22	62.91333389	-88.37666321	62.76166534	-88.41500092	70	12.8	262	Port	12	Outdoors	No
Claude A Desgagnes	14-Oct-22	08:22	08:27	62.76166534	-88.41500092	62.75666809	-88.45833588	70	12.8	262	Port	12	Outdoors	No
Claude A Desgagnes	14-Oct-22	08:27	08:32	62.75666809	-88.45833588	62.75500107	-88.49333191	70	12.8	262	Port	12	Outdoors	No
Claude A Desgagnes	14-Oct-22	08:32	08:37	62.75333405	-88.49333191	62.75	-88.53166962	70	12.8	262	Port	12	Outdoors	No
Claude A Desgagnes	14-Oct-22	15:23	15:28	62.70916748	-91.6269989	62.7159996	-91.66449738	50	12.7	291	Starboard	12	Outdoors	No
Claude A Desgagnes	14-Oct-22	15:29	15:34	62.7159996	-91.66449738	62.7234993	-91.70600128	50	12.7	291	Starboard	12	Outdoors	No
Claude A Desgagnes	14-Oct-22	15:35	15:40	62.72383499	-91.70616913	62.72483444	-91.75166321	50	12.7	291	Starboard	12	Outdoors	No
Claude A Desgagnes	14-Oct-22	15:41	15:46	62.72483444	-91.7519989	62.72566605	-91.79933167	50	12.7	291	Starboard	12	Outdoors	No
Claude A Desgagnes	14-Oct-22	15:47	15:52	62.72566605	-91.79933167	62.72700119		50	12.7	291	Starboard	12	Outdoors	No
Claude A Desgagnes	14-Oct-22	15:53	15:58	62.72700119		62.72800064	-91.88600159	50	12.7	291	Starboard	12	Outdoors	No
Claude A Desgagnes	27-Oct-22	15:56	16:01	63.44133377	-89.09283447	63.45616531	-89.06083679	180	12.8	50	Starboard	12	Indoors	No
Claude A Desgagnes	27-Oct-22	16:02	16:07	63.45849991	-89.05549622	63.46966553	-89.02983093	180	12.8	50	Starboard	12	Indoors	No
Claude A Desgagnes	27-Oct-22	16:08	16:13	63.47050095	-89.02783203	63.48600006	-88.99266815	180	12.8	50	Starboard	12	Indoors	No
Claude A Desgagnes	27-Oct-22	16:14	16:19	63.48716736	-88.99033356	63.50266647	-88.95449829	180	12.8	50	Starboard	12	Indoors	No
Claude A Desgagnes	27-Oct-22	16:20	16:25	63.50350189	-88.9521637	63.52149963	-88.91183472	180	12.8	50	Starboard	12	Indoors	Yes
Claude A Desgagnes	27-Oct-22	16:26	16:31	63.52216721	-88.91016388	63.534832	-88.88200378	180	12.8	50	Starboard	12	Indoors	No
Acadia Desgagnes	20-Aug-22	18:35	18:40	62.42316818	-66.09600067	62.4375	-66.12316895	202	12.2	312	Starboard	30	Indoors	Yes
Acadia Desgagnes	20-Aug-22	18:45	18:50	62.44916534	-66.14600372	62.46166611	-66.17016602	202	12.2	312	Starboard	30	Indoors	Yes
Acadia Desgagnes	20-Aug-22	18:55	19:00	62.47516632	-66.19599915	62.48616791	-66.21516418	202	12.2	312	Starboard	30	Indoors	Yes
Acadia Desgagnes	20-Aug-22	19:05	19:10	62.49900055	-66.23883057	62.50966644	-66.25800323	202	12.2	312	Starboard	30	Indoors	No
Acadia Desgagnes	20-Aug-22	19:12	19:17	62.51699829	-66.27166748	62.52516556	-66.28766632	202	12.2	312	Starboard	30	Indoors	No
Acadia Desgagnes	20-Aug-22	19:18	19:23	62.53016663	-66.29699707	62.54266739	-66.32250214	202	12.2	312	Starboard	30	Indoors	No
Acadia Desgagnes	20-Aug-22	13:05	13:10	61.83916855	-66.76933289	61.83383179	-66.6989975		11.2	105	Starboard	30	Indoors	Yes
Acadia Desgagnes	20-Aug-22	13:15	13:20	61.83050156	-66.6989975	61.82550049	-66.66200256		11.2	105	Starboard	30	Indoors	Yes
Acadia Desgagnes	20-Aug-22	13:25	13:30	61.82166672	-66.6333313	61.8168335	-66.59933472		11.2	105	Starboard	30	Indoors	Yes
Acadia Desgagnes	20-Aug-22	13:35	13:40	61.8125	-66.5656662	61.80849838	-66.53083038		11.2	105	Starboard	30	Indoors	Yes
Acadia Desgagnes	20-Aug-22	13:45	13:50	61.80516815	-66.49900055	61.80099869	-66.45950317		11.2	105	Starboard	30	Indoors	Yes
Acadia Desgagnes	20-Aug-22	13:55	14:00	61.79766846	-66.4280014	61.79466629	-66.39616394		11.2	105	Starboard	30	Indoors	Yes
Acadia Desgagnes	20-Aug-22	08:30	08:35	62.03649902	-68.60666656	62.03266525	-68.56950378	135	12.6	102	Starboard	30	Indoors	Yes
Acadia Desgagnes	20-Aug-22	08:40	08:45	62.02949905	-68.53666687	62.0253334	-68.49633026	135	12.6	102	Starboard	30	Indoors	Yes
Acadia Desgagnes	20-Aug-22	08:50	08:55	62.02216721	-68.46199799	62.01766586	-68.42433167	135	12.6	102	Starboard	30	Indoors	Yes
Acadia Desgagnes	20-Aug-22	09:00	09:05	62.01366806	-68.39266968	62.00833511	-68.35333252	135	12.6	102	Starboard	30	Indoors	Yes
Acadia Desgagnes	20-Aug-22	09:10	09:15	62.00450134	-68.32233429	61.99850082	-68.27649689	135	12.6	102	Starboard	30	Indoors	Yes
Acadia Desgagnes	20-Aug-22	09:20	09:25	61.99333191	-68.25166321	61.98983383	-68.20333099	135	12.6	102	Starboard	30	Indoors	No
Acadia Desgagnes	19-Aug-22	17:55	18:00	62.52866745	-74.71916962	62.52733231	-74.69216919	135	11.3		Starboard	30	Indoors	No
Acadia Desgagnes	19-Aug-22	18:00	18:05	62.52716827	-74.68966675	62.52550125	-74.65783691	135	11.3		Starboard	30	Indoors	No
Acadia Desgagnes	19-Aug-22	18:05	18:10	62.5253334	-74.65550232	62.52383423	-74.6258316	135	11.3		Starboard	30	Indoors	No
Acadia Desgagnes	19-Aug-22	18:10	18:15	62.52366638	-74.62133026	62.52216721	-74.58816528	135	11.3		Starboard	30	Indoors	No
Acadia Desgagnes	19-Aug-22	18:15	18:20	62.52216721	-74.58633423	62.52083206	-74.55483246	135	11.3		Starboard	30	Indoors	No
Acadia Desgagnes	19-Aug-22	18:20	18:25	62.52066803	-74.55283356	62.51933289	-74.52133179	135	11.3		Starboard	30	Indoors	No

Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Acadia Desgagnes	19-Aug-22	13:10	13:15	62.63150024	-76.78583527	62.62916565	-76.742836	337	13.6	97	Starboard	30	Indoors	Yes
Acadia Desgagnes	19-Aug-22	13:20	13:25	62.62749863	-76.70649719	62.62516785	-76.66149902	337	13.6	97	Starboard	30	Indoors	Yes
Acadia Desgagnes	19-Aug-22	13:30	13:35	62.62350082	-76.62516785	62.62166595	-76.58233643	337	13.6	97	Starboard	30	Indoors	Yes
Acadia Desgagnes	19-Aug-22	13:40	13:45	62.61949921	-76.5446701	62.61716843	-76.5	337	13.6	97	Starboard	30	Indoors	Yes
Acadia Desgagnes	19-Aug-22	13:50	13:55	62.6155014	-76.46749878	62.61316681	-76.42216492	337	13.6	97	Starboard	30	Indoors	Yes
Acadia Desgagnes	19-Aug-22	14:00	14:05	62.61183167	-76.39366913	62.60950089	-76.34967041	337	13.6	97	Starboard	30	Indoors	No
Acadia Desgagnes	19-Aug-22	08:20	08:25	62.63499832	-79.04683685	62.63583374	-79.0063324	45	11.4	84	Starboard	30	Indoors	Yes
Acadia Desgagnes	19-Aug-22	08:30	08:35	62.63633347	-78.97983551	62.63733292	-78.93699646	45	11.4	84	Starboard	30	Indoors	No
Acadia Desgagnes	19-Aug-22	08:40	08:45	62.63800049	-78.91116333	62.63983154	-78.867836	45	11.4	84	Starboard	30	Indoors	Yes
Acadia Desgagnes	19-Aug-22	08:50	08:55	62.64099884	-78.84216309	62.64333344	-78.79850006	45	11.4	84	Starboard	30	Indoors	Yes
Acadia Desgagnes	19-Aug-22	09:00	09:05	62.64416504	-78.78216553	62.64716721	-78.73266602	45	11.4	84	Starboard	30	Indoors	Yes
Acadia Desgagnes	19-Aug-22	09:10	09:15	62.64883423	-78.70716858	62.6503334	-78.67133331	45	11.4	84	Starboard	30	Indoors	Yes
Acadia Desgagnes	18-Aug-22	08:25	08:30	62.03733444	-83.68000031	62.03316498	-83.65399933	0	11.4	107	Starboard	30	Indoors	No
Acadia Desgagnes	18-Aug-22	08:30	08:35	62.0328331	-83.65216827	62.02750015	-83.62133026	0	11.4	107	Starboard	30	Indoors	Yes
Acadia Desgagnes	18-Aug-22	08:35	08:40	62.02733231	-83.61966705	62.02249908	-83.59200287	0	11.4	107	Starboard	30	Indoors	Yes
Acadia Desgagnes	18-Aug-22	08:40	08:45	62.02216721	-83.58999634	62.01750183	-83.56233215	0	11.4	107	Starboard	30	Indoors	No
Acadia Desgagnes	18-Aug-22	08:45	08:50		-83.55549622		-83.53050232	0	11.4	107	Starboard	30	Indoors	No
Acadia Desgagnes	18-Aug-22	08:50	08:55		-83.52833557		-83.4960022	0	11.4	107	Starboard	30	Indoors	No
Acadia Desgagnes	18-Aug-22	13:10	13:15	62.56266785	-86.4478302	62.55633163	-86.41466522	315			Starboard	30	Indoors	No
Acadia Desgagnes	18-Aug-22	13:20	13:25	62.55066681	-86.3853302	62.54383469	-86.34883118	315			Starboard	30	Indoors	No
Acadia Desgagnes	18-Aug-22	13:30	13:35	62.53766632	-86.3156662	62.5304985	-86.27783203	315			Starboard	30	Indoors	No
Acadia Desgagnes	18-Aug-22	13:40	13:45	62.52383423	-86.24216461	62.51766586	-86.20933533	315			Starboard	30	Indoors	No
Acadia Desgagnes	18-Aug-22	13:50	13:55	62.51016617	-86.17066956	62.50400162	-86.13899994	315			Starboard	30	Indoors	Yes
Acadia Desgagnes	18-Aug-22	14:00	14:05	62.49766541	-86.10433197	62.49150085	-86.07316589	315			Starboard	30	Indoors	No
Acadia Desgagnes	18-Aug-22	08:10	08:15	62.93816757	-88.45417023	62.93099976	-88.41583252	0	11.8	113	Starboard	30	Indoors	Yes
Acadia Desgagnes	18-Aug-22	08:20	08:25	62.92583466	-88.38866425	62.91783524	-88.34649658	0	11.8	113	Starboard	30	Indoors	Yes
Acadia Desgagnes	18-Aug-22	08:30	08:35	62.91466522		62.90816498	-88.29416656	0	11.8	113	Starboard	30	Indoors	No
Acadia Desgagnes	18-Aug-22	08:40	08:45	62.90183258	-88.25983429	62.89599991	-88.22816467	0	11.8	113	Starboard	30	Indoors	No
Acadia Desgagnes	18-Aug-22	08:50	08:55	62.88983154	-88.1934967	62.88366699	-88.15866852	0	11.8	113	Starboard	30	Indoors	No
Acadia Desgagnes	18-Aug-22	09:00	09:05	62.87733459	-88.12333679	62.87216568	-88.09400177	0	11.8	113	Starboard	30	Indoors	No
Acadia Desgagnes	14-Aug-22	13:05	13:10	63.87916565	-92.87316895	63.88116837	-92.90766907	0	8.2	248	Starboard	30	Indoors	Yes
Acadia Desgagnes	14-Aug-22	13:13	13:18	63.88499832	-92.91816711	63.89216614	-92.9375	0	8.2	248	Starboard	30	Indoors	No
Acadia Desgagnes	14-Aug-22	13:20	13:25	63.8951683	-92.94233704	63.9070015	-92.95500183	0	8.2	248	Starboard	30	Indoors	No
Acadia Desgagnes	14-Aug-22	13:30	13:35	63.91500092	-92.96666718	63.91666794	-92.99633026	0	8.2	248	Starboard	30	Indoors	Yes
Acadia Desgagnes	14-Aug-22	13:40	13:45	63.91466522	-93	63.91166687	-93.03966522	0	8.2	248	Starboard	30	Indoors	Yes
Acadia Desgagnes	14-Aug-22	13:45	13:50	63.91133499	-93.04149628	63.91133499	-93.06500244	0	8.2	248	Starboard	30	Indoors	Yes
Acadia Desgagnes	14-Aug-22	08:04	08:09	63.57733154	-91.08316803	63.58549881	-91.11450195	270			Starboard	30	Indoors	No
Acadia Desgagnes	14-Aug-22	08:10	08:15	63.58566666	-91.11799622	63.58816528	-91.15916443	270			Starboard	30	Indoors	Yes
Acadia Desgagnes	14-Aug-22	08:22	08:27	63.59183502	-91.22750092	63.5933342	-91.26183319	270			Starboard	30	Indoors	Yes
Acadia Desgagnes	14-Aug-22	08:35	08:40	63.60649872	-91.3113327	63.61633301	-91.34483337	270			Starboard	30	Indoors	No
Acadia Desgagnes	14-Aug-22	08:48	08:53	63.63033295	-91.40816498	63.63499832	-91.44400024	270			Starboard	30	Indoors	Yes
Acadia Desgagnes	14-Aug-22	08:55	09:00	63.63516617	-91.45966339	63.63000107	-91.50800323	270			Starboard	30	Indoors	Yes
Acadia Desgagnes	10-Aug-22	08:00	08:05	62.3706665	-87.86383057	62.3741684	-87.90750122	0	11.9	281	Starboard	30	Indoors	Yes
Acadia Desgagnes	10-Aug-22	08:07	08:12	62.37466812	-87.91316986	62.37733459	-87.94716644	0	11.9	281	Starboard	30	Indoors	No
Acadia Desgagnes	10-Aug-22	08:14	08:19	62.37866592	-87.96216583	62.38150024	-87.99816895	0	11.9	281	Starboard	30	Indoors	No
Acadia Desgagnes	10-Aug-22	08:20	08:25	62.38199997	-88.00250244	62.38499832	-88.03866577	0	11.9	281	Starboard	30	Indoors	No
Acadia Desgagnes	10-Aug-22	08:27	08:32	62.38616562	-88.05117035	62.38916779	-88.08633423	0	11.9	281	Starboard	30	Indoors	No
Acadia Desgagnes	10-Aug-22	08:33	08:38	62.38983154	-88.09300232	62.39300156	-88.12866974	0	11.9	281	Starboard	30	Indoors	Yes
Acadia Desgagnes	09-Aug-22	18:18	18:23	62.15516663	-82.51516724	62.14883423	-82.5565033	45	11.9	250	Starboard	30	Indoors	No

Appendix E: Seabird Survey Data, 2022

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Acadia Desgagnes	09-Aug-22	18:25	18:30	62.14766693	-82.56300354	62.14183426	-82.59916687	45	11.9	250	Starboard	30	Indoors	Yes
Acadia Desgagnes	09-Aug-22	18:32	18:37	62.13999939	-82.61016846	62.13383484	-82.64949799	45	11.9	250	Starboard	30	Indoors	Yes
Acadia Desgagnes	09-Aug-22	18:38	18:43	62.13333511	-82.65200043	62.12799835	-82.68733215	45	11.9	250	Starboard	30	Indoors	No
Acadia Desgagnes	09-Aug-22	18:45	18:50	62.1261673	-82.69833374	62.1206665	-82.73483276	45	11.9	250	Starboard	30	Indoors	No
Acadia Desgagnes	09-Aug-22	18:55	19:00	62.11616516	-82.76366425	62.10983276	-82.80466461	45	11.9	250	Starboard	30	Indoors	Yes
Acadia Desgagnes	09-Aug-22	13:10	13:18	62.49549866	-80.4478302	62.49216843	-80.51650238	45	11.6	265	Starboard	30	Indoors	Yes
Acadia Desgagnes	09-Aug-22	13:20	13:25	62.49200058	-80.52100372	62.48866653	-80.58850098	45	11.6	265	Starboard	30	Indoors	Yes
Acadia Desgagnes	09-Aug-22	13:33	13:38	62.48733521	-80.61416626	62.48550034	-80.65666962	45	11.6	265	Starboard	30	Indoors	Yes
Acadia Desgagnes	09-Aug-22	13:40	13:45	62.48483276	-80.67033386	62.48316574	-80.70850372	45	11.6	265	Starboard	30	Indoors	Yes
Acadia Desgagnes	09-Aug-22	13:50	13:55	62.48183441	-80.742836	62.48016739	-80.78433228	45	11.6	265	Starboard	30	Indoors	Yes
Acadia Desgagnes	09-Aug-22	14:00	14:05	62.47883224	-80.81950378	62.47700119	-80.8603363	45	11.6	265	Starboard	30	Indoors	Yes
Acadia Desgagnes	09-Aug-22	08:00	08:05	62.64816666	-78.37550354	62.64599991	-78.42933655	45	12.3	268	Starboard	30	Indoors	Yes
Acadia Desgagnes	09-Aug-22	08:10	08:15	62.6451683	-78.45333099	62.64366531	-78.4988327	45	12.3	268	Starboard	30	Indoors	Yes
Acadia Desgagnes	09-Aug-22	08:21	08:26	62.64300156	-78.53166962	62.64216614	-78.57616425	45	12.3	268	Starboard	30	Indoors	Yes
Acadia Desgagnes	09-Aug-22	08:32	08:38	62.64116669	-78.625	62.64049911	-78.67033386	45	12.3	268	Starboard	30	Indoors	Yes
Acadia Desgagnes	09-Aug-22	08:45	08:50	62.63983154	-78.71282959	62.63916779	-78.7603302	45	12.3	268	Starboard	30	Indoors	Yes
Acadia Desgagnes	09-Aug-22	08:55	09:00	62.63883209	-78.79116821	62.63833237	-78.83383179	45	12.3	268	Starboard	30	Indoors	Yes
Acadia Desgagnes	08-Aug-22	17:50	18:00	62.4280014	-72.34816742	62.43333435	-72.39233398	315	12.5	284	Starboard	30	Indoors	Yes
Acadia Desgagnes	08-Aug-22	18:05	18:10	62.43966675	-72.4438324	62.44433212	-72.48500061	315	12.5	284	Starboard	30	Indoors	No
Acadia Desgagnes	08-Aug-22	18:15	18:20	62.44783401	-72.5134964	62.45366669	-72.56616974	315	12.5	284	Starboard	30	Indoors	Yes
Acadia Desgagnes	08-Aug-22	18:25	18:30	62.45583344	-72.58399963	62.46049881	-72.62599945	315	12.5	284	Starboard	30	Indoors	No
Acadia Desgagnes	08-Aug-22	18:32	18:37	62.46166611	-72.63566589	62.46666718	-72.6791687	315	12.5	284	Starboard	30	Indoors	No
Acadia Desgagnes	08-Aug-22	18:39	18:44	62.4679985	-72.68933105	62.47299957	-72.73100281	315	12.5	284	Starboard	30	Indoors	Yes
Acadia Desgagnes	08-Aug-22	13:15	13:20	62.20533371	-70.44017029	62.21033478	-70.47816467	315	11.5	286	Starboard	30	Indoors	Yes
Acadia Desgagnes	08-Aug-22	13:25	13:30	62.2140007	-70.50866699	62.21816635	-70.54666901	315	11.5	286	Starboard	30	Indoors	No
Acadia Desgagnes	08-Aug-22	13:35	13:40	62.22083282	-70.57366943	62.22449875	-70.61083221	315	11.5	286	Starboard	30	Indoors	Yes
Acadia Desgagnes	08-Aug-22	13:45	13:50	62.22766495	-70.63950348	62.23133469	-70.67617035	315	11.5	286	Starboard	30	Indoors	Yes
Acadia Desgagnes	08-Aug-22	13:55	14:00	62.23416519		62.23733521	-70.76499939	315	11.5	286	Starboard	30	Indoors	Yes
Acadia Desgagnes	08-Aug-22	14:05	14:10	62.23799896	-70.78083038	62.24183273	-70.82150269	315	11.5	286	Starboard	30	Indoors	Yes
Acadia Desgagnes	13-Aug-22	13:30	13:35	62.6344986	-91.16483307	62.62900162	-91.07533264	270			Starboard	30	Indoors	No
Acadia Desgagnes	13-Aug-22	13:36	13:41	62.62850189	-91.12216949	62.6238327	-91.08633423	270			Starboard	30	Indoors	Yes
Acadia Desgagnes	13-Aug-22	13:44	13:49	62.62216568	-91.07433319	62.61583328	-91.02950287	270			Starboard	30	Indoors	No
Acadia Desgagnes	13-Aug-22	13:52	13:57	62.61383438	-91.01316833	62.61783218	-90.96716309	270			Starboard	30	Indoors	Yes
Acadia Desgagnes	13-Aug-22	14:00	14:05	62.62099838	-90.95400238	62.62666702	-90.92449951	270			Starboard	30	Indoors	No
Acadia Desgagnes	13-Aug-22	14:08	14:13	62.63033295	-90.90666962	62.63883209	-90.8646698	270			Starboard	30	Indoors	Yes
Acadia Desgagnes	10-Aug-22	13:04	13:09	62.56666565	-90.01750183	62.56866837	-90.05683136	292	12.2	276	Starboard	30	Indoors	Yes
Acadia Desgagnes	10-Aug-22	13:15	13:20	62.57049942	-90.09583282	62.57216644	-90.13366699	292	12.2	276	Starboard	30	Indoors	No
Acadia Desgagnes	10-Aug-22	13:22	13:27	62.57283401	-90.14666748	62.57450104	-90.1866684	292	12.2	276	Starboard	30	Indoors	Yes
Acadia Desgagnes	10-Aug-22	13:29	13:34	62.57500076	-90.19882965	62.57666779	-90.23816681	292	12.2	276	Starboard	30	Indoors	Yes
Acadia Desgagnes	10-Aug-22	13:37	13:42	62.57749939	-90.25499725	62.57933426	-90.29266357	292	12.2	276	Starboard	30	Indoors	No
Acadia Desgagnes	10-Aug-22	13:44	13:49	62.57983398	-90.30500031	62.58150101	-90.34133148	292	12.2	276	Starboard	30	Indoors	Yes
Acadia Desgagnes	08-Aug-22	08:30	08:35	61.97133255	-68.59666443	61.97650146	-68.63749695	110	11.3	285	Starboard	30	Indoors	No
Acadia Desgagnes	08-Aug-22	08:40	08:45	61.9798317	-68.66416931	61.98516846	-68.70716858	110	11.3	285	Starboard	30	Indoors	No
Acadia Desgagnes	08-Aug-22	08:49	08:54	61.98683167	-68.72166443	61.99150085	-68.75866699	110	11.3	285	Starboard	30	Indoors	Yes
Acadia Desgagnes	08-Aug-22	09:00	09:05	61.99533463	-68.78983307	62.00016785	-68.82866669	110	11.3	285	Starboard	30	Indoors	No
Acadia Desgagnes	08-Aug-22	09:10	09:15	62.00383377	-68.95766449	62.00833511	-68.89399719	110	11.3	285	Starboard	30	Indoors	No
Acadia Desgagnes	08-Aug-22	09:20	09:25	62.01233292	-68.92449951	62.01649857	-68.95716858	110	11.3	285	Starboard	30	Indoors	No
Tuvaq W.	26-Oct-22	14:44	14:49	64.1783371	-95.06500244	64.18166351	-95.09833527	330	12	284	Starboard	15	Indoors	No
Tuvaq W.	26-Oct-22	14:50	14:55	64.18166351	-95.09833527	64.18499756	-95.13500214	330	12	284	Starboard	15	Indoors	No

**Appendix E: Seabird Survey Data, 2022**

Platform Name	Date	Time at Start	Time at End	Start Latitude	Start Longitude	End Latitude	End Longitude	Wind Direction (°)	Platform Speed (kt)	Platform Direction (°)	Observation Side	Height of Eye (m)	Outdoors or Indoors?	Species Observed?
Tuvaq W.	26-Oct-22	15:01	15:06	64.19166565	-95.18333435	64.19499969	-95.21166992	330	12	284	Starboard	15	Indoors	Yes
Tuvaq W.	26-Oct-22	11:20	11:25	63.98666763	-94.11166382	63.99000168	-94.13833618	270			Starboard	15	Indoors	No
Tuvaq W.	26-Oct-22	11:27	11:32	63.99000168	-94.15666962	63.99166489	-94.17166901	270			Starboard	15	Indoors	No
Tuvaq W.	26-Oct-22	11:33	11:38	63.99166489	-94.17666626	63.99333191	-94.18666684	270			Starboard	15	Indoors	No
Tuvaq W.	26-Oct-22	11:39	11:44	63.99499893	-94.1966629	63.99499893	-94.20833588	270			Starboard	15	Indoors	No
Tuvaq W.	26-Oct-22	11:45	11:50	63.99499893	-94.21499634	63.99499893	-94.23000336	270			Starboard	15	Indoors	Yes
Tuvaq W.	26-Oct-22	11:51	11:56	63.99499893	-94.23666382	63.99333191	-94.24833679	270			Starboard	15	Indoors	No
Tuvaq W.	21-Oct-22	13:13	13:22	63.41999817	-89.13166809	63.4109993	-89.18566895	20	11.5	252	Port	15	Indoors	No
Tuvaq W.	21-Oct-22	15:09	15:20	63.27833176	-89.92500305	63.26666641	-90.00333405	20	11.5	252	Port	15	Indoors	No



## **APPENDIX F      SEABIRD OBSERVATION DATA, 2022**

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	20	Both	Yes	C	Rafting	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	20	Both	Yes	C	Rafting	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	20	Both	Yes	C	Rafting	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	20	Both	Yes	C	Rafting	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	20	Both	Yes	C	Rafting	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	20	Both	Yes	C	Rafting	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	6	Fly	Yes	B	Other	350
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	6	Fly	Yes	B	Other	350
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	6	Fly	Yes	B	Other	350
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	6	Fly	Yes	B	Other	350
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	6	Fly	Yes	B	Other	350
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	6	Fly	Yes	B	Other	350
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	4	Fly	Yes	B	Other	310
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	4	Fly	Yes	B	Other	310
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	4	Fly	Yes	B	Other	310
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	4	Fly	Yes	B	Other	310
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	4	Fly	Yes	B	Other	310
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	4	Fly	Yes	B	Other	310
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	7	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	7	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	7	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	7	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	7	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	7	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	5	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	5	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	5	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	5	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	5	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	5	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	4	Fly	Yes	A	Other	350
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	4	Fly	Yes	A	Other	350
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	4	Fly	Yes	A	Other	350
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	4	Fly	Yes	A	Other	350
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	4	Fly	Yes	A	Other	350
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	4	Fly	Yes	A	Other	350

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	0
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	0
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	0
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	0
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	0
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	0
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	3	Fly	Yes	B	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	3	Fly	Yes	B	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	3	Fly	Yes	B	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	3	Fly	Yes	B	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	3	Fly	Yes	B	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	3	Fly	Yes	B	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	2	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	2	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	2	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	2	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	2	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	2	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	7	Fly	Yes	A	Other	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	7	Fly	Yes	A	Other	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	7	Fly	Yes	A	Other	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	7	Fly	Yes	A	Other	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	7	Fly	Yes	A	Other	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	7	Fly	Yes	A	Other	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	4	Fly	Yes	B	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	4	Fly	Yes	B	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	4	Fly	Yes	B	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	4	Fly	Yes	B	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	4	Fly	Yes	B	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	4	Fly	Yes	B	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Water	Yes	D	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Water	Yes	D	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Water	Yes	D	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Water	Yes	D	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Water	Yes	D	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Water	Yes	D	Rafting	

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	5	Fly	Yes	B	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	5	Fly	Yes	B	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	5	Fly	Yes	B	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	5	Fly	Yes	B	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	5	Fly	Yes	B	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	5	Fly	Yes	B	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	3	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	3	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	3	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	3	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	3	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	3	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	7	Fly	Yes	A	Other	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	7	Fly	Yes	A	Other	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	7	Fly	Yes	A	Other	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	7	Fly	Yes	A	Other	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	7	Fly	Yes	A	Other	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	7	Fly	Yes	A	Other	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	315
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	315
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	315
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	315
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	315
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	315
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	A	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	A	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	A	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	A	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	A	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	A	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	180

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	D	Other	0
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	D	Other	0
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	D	Other	0
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	D	Other	0
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	D	Other	0
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	B	Other	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	B	Other	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	B	Other	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	B	Other	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	B	Other	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	B	Other	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	90
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	90
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	90
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	90
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	90
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	90
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	180



## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	2	Fly	Yes	B	Other	290
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	2	Fly	Yes	B	Other	290
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	2	Fly	Yes	B	Other	290
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	2	Fly	Yes	B	Other	290
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	2	Fly	Yes	B	Other	290
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	2	Fly	Yes	B	Other	290
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	0
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	0
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	0
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	0
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	0
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	0
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	200
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	200
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	200
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	200
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	200
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	200

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	B	Other	90
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	B	Other	90
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	B	Other	90
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	B	Other	90
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	B	Other	90
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	B	Other	90
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	B	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	B	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	B	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	B	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	B	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	2	Fly	Yes	B	Other	270
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	150
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	150
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	150
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	150
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	150
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	150
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	300
Coastal Shipping	Kitikmeot W.	06-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	300
Coastal Shipping	Kitikmeot W.	07-Jul-22	Razorbill	2	Water	No	B	Rafting	70
Coastal Shipping	Kitikmeot W.	07-Jul-22	Razorbill	2	Water	No	B	Rafting	70
Coastal Shipping	Kitikmeot W.	07-Jul-22	Razorbill	2	Water	No	B	Rafting	70
Coastal Shipping	Kitikmeot W.	07-Jul-22	Razorbill	2	Water	No	B	Rafting	70
Coastal Shipping	Kitikmeot W.	07-Jul-22	Razorbill	2	Water	No	B	Rafting	70
Coastal Shipping	Kitikmeot W.	07-Jul-22	Razorbill	2	Water	No	B	Rafting	70
Coastal Shipping	Kitikmeot W.	07-Jul-22	Razorbill	2	Water	No	B	Rafting	85
Coastal Shipping	Kitikmeot W.	07-Jul-22	Razorbill	2	Water	No	B	Rafting	85
Coastal Shipping	Kitikmeot W.	07-Jul-22	Razorbill	2	Water	No	B	Rafting	85
Coastal Shipping	Kitikmeot W.	07-Jul-22	Razorbill	2	Water	No	B	Rafting	85
Coastal Shipping	Kitikmeot W.	07-Jul-22	Razorbill	2	Water	No	B	Rafting	85
Coastal Shipping	Kitikmeot W.	07-Jul-22	Razorbill	2	Water	No	B	Rafting	85
Coastal Shipping	Kitikmeot W.	07-Jul-22	Razorbill	2	Water	No	B	Rafting	85

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	07-Jul-22	Razorbill	2	Water	No	B	Rafting	85
Coastal Shipping	Kitikmeot W.	07-Jul-22	Razorbill	2	Water	No	B	Rafting	85
Coastal Shipping	Kitikmeot W.	07-Jul-22	Razorbill	2	Water	No	B	Rafting	85
Coastal Shipping	Kitikmeot W.	07-Jul-22	Razorbill	2	Water	No	B	Rafting	85
Coastal Shipping	Kitikmeot W.	07-Jul-22	Razorbill	2	Water	No	B	Rafting	85
Coastal Shipping	Kitikmeot W.	07-Jul-22	Razorbill	2	Water	No	B	Rafting	85
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	D	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	D	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	D	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	D	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	D	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Manx Shearwater	2	Fly	Yes	B	Other	60
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	30	Water	No	B	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	30	Water	No	B	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	30	Water	No	B	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	30	Water	No	B	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	30	Water	No	B	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	30	Water	No	B	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	260
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	260
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	260
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	260
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	260
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	260

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	0
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	0
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	0
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	0
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	0
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	0
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	350
Coastal Shipping	Kitikmeot W.	07-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	350
Coastal Shipping	Kitikmeot W.	07-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	350
Coastal Shipping	Kitikmeot W.	07-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	350
Coastal Shipping	Kitikmeot W.	07-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	350
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	9	Fly	Yes	A	Other	180
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	9	Fly	Yes	A	Other	180
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	9	Fly	Yes	A	Other	180
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	9	Fly	Yes	A	Other	180
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	9	Fly	Yes	A	Other	180
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	9	Fly	Yes	A	Other	180
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	30
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	30
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	30
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	30
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	30
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	30

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	150
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	150
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	150
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	150
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	150
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	150
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	4	Fly	Yes	B	Other	240
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	4	Fly	Yes	B	Other	240
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	4	Fly	Yes	B	Other	240
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	4	Fly	Yes	B	Other	240
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	4	Fly	Yes	B	Other	240
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	4	Fly	Yes	B	Other	240
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	310
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	310
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	310
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	310
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	310
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	310
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	D	Other	240
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	D	Other	240
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	D	Other	240
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	D	Other	240
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	D	Other	240
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	D	Other	240
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	5	Fly	Yes	B	Other	10
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	5	Fly	Yes	B	Other	10
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	5	Fly	Yes	B	Other	10
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	5	Fly	Yes	B	Other	10
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	5	Fly	Yes	B	Other	10
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	5	Fly	Yes	B	Other	10
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	280
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	280
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	280
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	280
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	280
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	280



## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	30
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	30
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	30
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	30
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	30
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	30
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	90
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	90
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	90
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	90
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	90
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	6	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	6	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	6	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	6	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	6	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	6	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	230
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	230
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	230
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	230
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	230
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	230
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	0
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	0
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	0
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	0
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	0
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	0

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	308
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	308
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	308
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	308
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	308
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	308
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	5	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	5	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	5	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	5	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	5	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	240
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	240
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	240
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	240
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	240
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	240
Coastal Shipping	Kitikmeot W.	07-Jul-22	Thick-billed Murre	2	Water	No	C	Rafting	10
Coastal Shipping	Kitikmeot W.	07-Jul-22	Thick-billed Murre	2	Water	No	C	Rafting	10
Coastal Shipping	Kitikmeot W.	07-Jul-22	Thick-billed Murre	2	Water	No	C	Rafting	10
Coastal Shipping	Kitikmeot W.	07-Jul-22	Thick-billed Murre	2	Water	No	C	Rafting	10
Coastal Shipping	Kitikmeot W.	07-Jul-22	Thick-billed Murre	2	Water	No	C	Rafting	10
Coastal Shipping	Kitikmeot W.	07-Jul-22	Thick-billed Murre	2	Water	No	C	Rafting	10
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	2	Fly	Yes	E	Other	5
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	2	Fly	Yes	E	Other	5
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	2	Fly	Yes	E	Other	5
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	2	Fly	Yes	E	Other	5
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	2	Fly	Yes	E	Other	5
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	2	Fly	Yes	E	Other	5
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	8	Fly	No	B	Other	350
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	8	Fly	No	B	Other	350
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	8	Fly	No	B	Other	350
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	8	Fly	No	B	Other	350
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	8	Fly	No	B	Other	350
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	8	Fly	No	B	Other	350

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	1	Water	No	C	Rafting	280
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	1	Water	No	C	Rafting	280
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	1	Water	No	C	Rafting	280
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	1	Water	No	C	Rafting	280
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	1	Water	No	C	Rafting	280
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	1	Water	No	C	Rafting	280
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	50	Water	Yes	E	Rafting	290
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	50	Water	Yes	E	Rafting	290
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	50	Water	Yes	E	Rafting	290
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	50	Water	Yes	E	Rafting	290
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	50	Water	Yes	E	Rafting	290
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	50	Water	Yes	E	Rafting	290
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	6	Fly	No	B	Other	360
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	6	Fly	No	B	Other	360
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	6	Fly	No	B	Other	360
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	6	Fly	No	B	Other	360
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	6	Fly	No	B	Other	360
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	6	Fly	No	B	Other	360
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	Yes	D	Rafting	360
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	Yes	D	Rafting	360
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	Yes	D	Rafting	360
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	Yes	D	Rafting	360
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	Yes	D	Rafting	360
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	Yes	D	Rafting	360
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	No	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	No	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	No	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	No	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	No	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	No	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	No	E	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	No	E	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	No	E	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	No	E	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	No	E	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	2	Water	No	E	Rafting	

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Water	No	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Water	No	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Water	No	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Water	No	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Water	No	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Water	No	C	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Thick-billed Murre	5	Fly	No	B	Other	10
Coastal Shipping	Kitikmeot W.	07-Jul-22	Thick-billed Murre	5	Fly	No	B	Other	10
Coastal Shipping	Kitikmeot W.	07-Jul-22	Thick-billed Murre	5	Fly	No	B	Other	10
Coastal Shipping	Kitikmeot W.	07-Jul-22	Thick-billed Murre	5	Fly	No	B	Other	10
Coastal Shipping	Kitikmeot W.	07-Jul-22	Thick-billed Murre	5	Fly	No	B	Other	10
Coastal Shipping	Kitikmeot W.	07-Jul-22	Thick-billed Murre	5	Fly	No	B	Other	10
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	6	Water	No	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	6	Water	No	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	6	Water	No	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	6	Water	No	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Common Murre	6	Water	No	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	No	D	Other	285
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	No	D	Other	285
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	No	D	Other	285
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	No	D	Other	285
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	No	D	Other	285
Coastal Shipping	Kitikmeot W.	07-Jul-22	Unknown Murre	1	Fly	No	D	Other	285
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	200
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	200
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	200
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	200
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	200
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	200
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	220
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	220
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	220
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	220
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	220
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	220
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	220

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	90
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	90
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	90
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	90
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	90
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	90
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	240
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	240
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	240
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	240
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	240
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	D	Other	90
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	D	Other	90
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	D	Other	90
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	D	Other	90
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	D	Other	90
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	250
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	250
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	250
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	250
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	250
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	250
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	250
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	60
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	60
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	60
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	60
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	60
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	60
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	90
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	90
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	90
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	90
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	90



## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	250
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	250
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	250
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	250
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	250
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	350
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	350
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	350
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	350
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	350
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	260
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	260
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	260
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	260
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	260
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	200
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	200
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	200
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	200
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	200
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	200
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	170
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	170
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	170
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	170
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	170
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	170

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	190
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	190
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	190
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	190
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	190
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	190
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	260
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	260
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	260
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	260
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	260
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	08-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	330
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	330
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	330
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	330
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	330
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	330
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	200
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	200
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	200
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	200
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	200
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	200

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	290
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	290
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	290
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	290
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	290
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	290
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	230
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	230
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	230
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	230
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	230
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Duck	1	Fly	Yes	B	Other	210
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Duck	1	Fly	Yes	B	Other	210
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Duck	1	Fly	Yes	B	Other	210
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Duck	1	Fly	Yes	B	Other	210
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Duck	1	Fly	Yes	B	Other	210
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Duck	10	Water	No	E	Rafting	
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Murre	4	Water	No	E	Rafting	
Coastal Shipping	Kitikmeot W.	09-Jul-22	Unknown Gull	6	Fly	Yes	D	Other	
Coastal Shipping	Kitikmeot W.	10-Jul-22	Unknown Duck	4	Water	No	E	Rafting	
Coastal Shipping	Kitikmeot W.	10-Jul-22	Unknown Gull	6	Fly	No	E	Other	
Coastal Shipping	Kitikmeot W.	10-Jul-22	Unknown Gull	1	Fly	Yes	B	Other	100
Coastal Shipping	Kitikmeot W.	10-Jul-22	Unknown Duck	1	Fly	Yes	C	Other	300
Coastal Shipping	Kitikmeot W.	10-Jul-22	Unknown Duck	1	Fly	Yes	C	Other	300
Coastal Shipping	Kitikmeot W.	11-Jul-22	Unknown Gull	1	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	11-Jul-22	Unknown Gull	2	Fly	Yes	D	Other	90
Coastal Shipping	Kitikmeot W.	11-Jul-22	Unknown Gull	1	Fly	Yes	D	Other	50
Coastal Shipping	Kitikmeot W.	11-Jul-22	Unknown Gull	2	Fly	Yes	D	Other	300
Coastal Shipping	Kitikmeot W.	12-Jul-22	Unknown Duck	1	Fly	Yes	B	Other	310
Coastal Shipping	Kitikmeot W.	12-Jul-22	Unknown Duck	1	Fly	Yes	B	Other	310
Coastal Shipping	Kitikmeot W.	12-Jul-22	Unknown Duck	1	Fly	Yes	B	Other	310
Coastal Shipping	Kitikmeot W.	12-Jul-22	Unknown Duck	1	Fly	Yes	B	Other	310
Coastal Shipping	Kitikmeot W.	12-Jul-22	Unknown Duck	1	Fly	Yes	B	Other	310
Coastal Shipping	Kitikmeot W.	12-Jul-22	Unknown Duck	1	Fly	Yes	B	Other	310



## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	Yes	D	Other	310
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	Yes	D	Other	310
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	Yes	D	Other	310
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	Yes	D	Other	310
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	Yes	D	Other	310
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	Yes	D	Other	310
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Gull	1	Fly	Yes	B	Other	180
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Gull	1	Fly	Yes	B	Other	180
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Gull	1	Fly	Yes	B	Other	180
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Gull	1	Fly	Yes	B	Other	180
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Gull	1	Fly	Yes	B	Other	180
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Water	No	E	Rafting	
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Water	No	E	Rafting	
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Water	No	E	Rafting	
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Water	No	E	Rafting	
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Water	No	E	Rafting	
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	No	E	Other	120
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	No	E	Other	120
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	No	E	Other	120
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	No	E	Other	120
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	No	E	Other	120
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	No	E	Other	120
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	Yes	C	Other	50
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	Yes	C	Other	50
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	Yes	C	Other	50
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	Yes	C	Other	50
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	Yes	C	Other	50
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	No	E	Other	160
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	No	E	Other	160
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	No	E	Other	160
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	No	E	Other	160
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	No	E	Other	160
Coastal Shipping	Kitikmeot W.	16-Jul-22	Unknown Duck	1	Fly	No	E	Other	160



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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	16-Jul-22	Common Eider	1	Fly	No	C	Other	320
Coastal Shipping	Kitikmeot W.	16-Jul-22	Common Eider	1	Fly	No	C	Other	320
Coastal Shipping	Kitikmeot W.	16-Jul-22	Common Eider	1	Fly	No	C	Other	320
Coastal Shipping	Kitikmeot W.	16-Jul-22	Common Eider	1	Fly	No	C	Other	320
Coastal Shipping	Kitikmeot W.	16-Jul-22	Common Eider	1	Fly	No	C	Other	320
Coastal Shipping	Kitikmeot W.	16-Jul-22	Common Eider	1	Fly	No	C	Other	320
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	170
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	170
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	170
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	170
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	1	Fly	Yes	D	Other	170
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	50
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	50
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	50
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	50
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	50
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	170
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	170
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	170
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	170
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	170
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	170
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	65
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	65
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	65
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	65
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	65
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	3	Fly	Yes	C	Other	65
Coastal Shipping	Kitikmeot W.	17-Jul-22	Common Murre	3	Fly	No	B	Other	350
Coastal Shipping	Kitikmeot W.	17-Jul-22	Common Murre	3	Fly	No	B	Other	350
Coastal Shipping	Kitikmeot W.	17-Jul-22	Common Murre	3	Fly	No	B	Other	350
Coastal Shipping	Kitikmeot W.	17-Jul-22	Common Murre	3	Fly	No	B	Other	350
Coastal Shipping	Kitikmeot W.	17-Jul-22	Common Murre	4	Fly	No	B	Other	130
Coastal Shipping	Kitikmeot W.	17-Jul-22	Common Murre	4	Fly	No	B	Other	130

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	17-Jul-22	Common Murre	4	Fly	No	B	Other	130
Coastal Shipping	Kitikmeot W.	17-Jul-22	Common Murre	4	Fly	No	B	Other	130
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	6	Fly	No	E	Other	
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	6	Fly	No	E	Other	
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	6	Fly	No	E	Other	
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	6	Fly	No	E	Other	
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	7	Fly	No	C	Other	90
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	7	Fly	No	C	Other	90
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	7	Fly	No	C	Other	90
Coastal Shipping	Kitikmeot W.	17-Jul-22	Unknown Murre	7	Fly	No	C	Other	90
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	1	Fly	No	A	Escape Flight	0
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	1	Fly	No	A	Escape Flight	0
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	1	Fly	No	A	Escape Flight	0
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	1	Fly	No	A	Escape Flight	0
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	1	Fly	No	A	Escape Flight	0
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	1	Fly	No	A	Escape Flight	0
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	11	Fly	Yes	C	Other	80
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	11	Fly	Yes	C	Other	80
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	11	Fly	Yes	C	Other	80
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	11	Fly	Yes	C	Other	80
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	11	Fly	Yes	C	Other	80
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	11	Fly	Yes	C	Other	80
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	110
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	110
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	110
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	110
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	110
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	110
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	25	Fly	Yes	D	Other	90
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	25	Fly	Yes	D	Other	90
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	25	Fly	Yes	D	Other	90
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	25	Fly	Yes	D	Other	90
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	25	Fly	Yes	D	Other	90
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	25	Fly	Yes	D	Other	90
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	5	Fly	Yes	C	Other	70
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	5	Fly	Yes	C	Other	70

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	5	Fly	Yes	C	Other	70
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	5	Fly	Yes	C	Other	70
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	5	Fly	Yes	C	Other	70
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	5	Fly	Yes	C	Other	70
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	6	Fly	Yes	C	Other	60
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	6	Fly	Yes	C	Other	60
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	6	Fly	Yes	C	Other	60
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	6	Fly	Yes	C	Other	60
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	6	Fly	Yes	C	Other	60
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	6	Fly	Yes	C	Other	60
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	10	Fly	Yes	D	Other	150
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	10	Fly	Yes	D	Other	150
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	10	Fly	Yes	D	Other	150
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	10	Fly	Yes	D	Other	150
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	10	Fly	Yes	D	Other	150
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	10	Fly	Yes	D	Other	150
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	20	Water	Yes	D	Other	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	20	Water	Yes	D	Other	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	20	Water	Yes	D	Other	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	20	Water	Yes	D	Other	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	20	Water	Yes	D	Other	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	20	Water	Yes	D	Other	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	12	Fly	Yes	C	Other	60
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	12	Fly	Yes	C	Other	60
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	12	Fly	Yes	C	Other	60
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	12	Fly	Yes	C	Other	60
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	12	Fly	Yes	C	Other	60
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	12	Fly	Yes	C	Other	60
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Gull	2	Fly	Yes	D	Other	120
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Gull	2	Fly	Yes	D	Other	120

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Gull	2	Fly	Yes	D	Other	120
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Gull	2	Fly	Yes	D	Other	120
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Gull	2	Fly	Yes	D	Other	120
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Gull	2	Fly	Yes	D	Other	120
Coastal Shipping	Kitikmeot W.	18-Jul-22	Common Murre	12	Fly	Yes	D	Other	335
Coastal Shipping	Kitikmeot W.	18-Jul-22	Common Murre	12	Fly	Yes	D	Other	335
Coastal Shipping	Kitikmeot W.	18-Jul-22	Common Murre	12	Fly	Yes	D	Other	335
Coastal Shipping	Kitikmeot W.	18-Jul-22	Common Murre	12	Fly	Yes	D	Other	335
Coastal Shipping	Kitikmeot W.	18-Jul-22	Common Murre	12	Fly	Yes	D	Other	335
Coastal Shipping	Kitikmeot W.	18-Jul-22	Common Murre	12	Fly	Yes	D	Other	335
Coastal Shipping	Kitikmeot W.	18-Jul-22	Common Murre	8	Fly	Yes	B	Other	65
Coastal Shipping	Kitikmeot W.	18-Jul-22	Common Murre	8	Fly	Yes	B	Other	65
Coastal Shipping	Kitikmeot W.	18-Jul-22	Common Murre	8	Fly	Yes	B	Other	65
Coastal Shipping	Kitikmeot W.	18-Jul-22	Common Murre	8	Fly	Yes	B	Other	65
Coastal Shipping	Kitikmeot W.	18-Jul-22	Common Murre	8	Fly	Yes	B	Other	65
Coastal Shipping	Kitikmeot W.	18-Jul-22	Common Murre	8	Fly	Yes	B	Other	65
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	4	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	4	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	4	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	4	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	4	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	4	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	5	Water	Yes	B	Other	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	5	Water	Yes	B	Other	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	5	Water	Yes	B	Other	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	5	Water	Yes	B	Other	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	5	Water	Yes	B	Other	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	5	Water	Yes	B	Other	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	5	Water	Yes	B	Other	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	2	Fly	Yes	B	Other	125
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	2	Fly	Yes	B	Other	125
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	2	Fly	Yes	B	Other	125
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	2	Fly	Yes	B	Other	125
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	2	Fly	Yes	B	Other	125
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	2	Fly	Yes	B	Other	125
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	3	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	3	Water	Yes	B	Rafting	

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	3	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	3	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	3	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	3	Water	Yes	B	Rafting	
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	7	Fly	Yes	D	Other	160
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	7	Fly	Yes	D	Other	160
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	7	Fly	Yes	D	Other	160
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	7	Fly	Yes	D	Other	160
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	7	Fly	Yes	D	Other	160
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	7	Fly	Yes	D	Other	160
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	21	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	21	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	21	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	21	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	21	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	21	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	7	Fly	Yes	D	Other	150
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	7	Fly	Yes	D	Other	150
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	7	Fly	Yes	D	Other	150
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	7	Fly	Yes	D	Other	150
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	7	Fly	Yes	D	Other	150
Coastal Shipping	Kitikmeot W.	18-Jul-22	Unknown Murre	7	Fly	Yes	D	Other	150
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	1	Fly	No	B	Other	
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	1	Fly	No	B	Other	
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	1	Fly	No	B	Other	
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	1	Fly	No	B	Other	
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	1	Fly	No	B	Other	
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	1	Fly	No	B	Other	
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	1	Fly	No	D	Other	80
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	1	Fly	No	D	Other	80
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	1	Fly	No	D	Other	80
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	1	Fly	No	D	Other	80
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	1	Fly	No	D	Other	80
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	1	Fly	No	D	Other	80
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	2	Fly	No	A	Other	90
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	2	Fly	No	A	Other	90



## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	2	Fly	No	A	Other	90
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	2	Fly	No	A	Other	90
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	2	Fly	No	A	Other	90
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	2	Fly	No	A	Other	90
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	8		No	A		108
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	8		No	A		108
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	8		No	A		108
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	8		No	A		108
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	8		No	A		108
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	8		No	A		108
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	2	Fly	No	D	Other	180
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	2	Fly	No	D	Other	180
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	2	Fly	No	D	Other	180
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	2	Fly	No	D	Other	180
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	2	Fly	No	D	Other	180
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	2	Fly	No	D	Other	180
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	2	Fly	No	D	Other	180
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	1	Fly	Yes	D	Other	70
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	1	Fly	Yes	D	Other	70
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	1	Fly	Yes	D	Other	70
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	1	Fly	Yes	D	Other	70
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	1	Fly	Yes	D	Other	70
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	1	Fly	Yes	D	Other	70
Coastal Shipping	Kitikmeot W.	19-Jul-22	Unknown Gull	1	Fly	Yes	D	Other	70
Coastal Shipping	Kitikmeot W.	22-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	70
Coastal Shipping	Kitikmeot W.	22-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	70
Coastal Shipping	Kitikmeot W.	22-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	70
Coastal Shipping	Kitikmeot W.	22-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	70
Coastal Shipping	Kitikmeot W.	22-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	70
Coastal Shipping	Kitikmeot W.	22-Jul-22	Unknown Murre	1	Fly	Yes	A	Other	70
Coastal Shipping	Kitikmeot W.	22-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	90
Coastal Shipping	Kitikmeot W.	22-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	90
Coastal Shipping	Kitikmeot W.	22-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	90
Coastal Shipping	Kitikmeot W.	22-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	90
Coastal Shipping	Kitikmeot W.	22-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	90
Coastal Shipping	Kitikmeot W.	22-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	90
Coastal Shipping	Kitikmeot W.	22-Jul-22	Unknown Murre	1	Fly	Yes	B	Other	90
Coastal Shipping	Kitikmeot W.	22-Jul-22	Unknown Murre	1	Fly	No	C	Escape Flight	280
Coastal Shipping	Kitikmeot W.	22-Jul-22	Unknown Murre	1	Fly	No	C	Escape Flight	280

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	22-Jul-22	Unknown Murre	1	Fly	No	C	Escape Flight	280
Coastal Shipping	Kitikmeot W.	22-Jul-22	Unknown Murre	1	Fly	No	C	Escape Flight	280
Coastal Shipping	Kitikmeot W.	22-Jul-22	Unknown Murre	1	Fly	No	C	Escape Flight	280
Coastal Shipping	Kitikmeot W.	22-Jul-22	Unknown Murre	1	Fly	No	C	Escape Flight	280
Coastal Shipping	Kitikmeot W.	23-Jul-22	Common Murre	15	Fly	No	C	Escape Flight	0
Coastal Shipping	Kitikmeot W.	23-Jul-22	Common Murre	15	Fly	No	C	Escape Flight	0
Coastal Shipping	Kitikmeot W.	23-Jul-22	Common Murre	15	Fly	No	C	Escape Flight	0
Coastal Shipping	Kitikmeot W.	23-Jul-22	Common Murre	15	Fly	No	C	Escape Flight	0
Coastal Shipping	Kitikmeot W.	23-Jul-22	Common Murre	15	Fly	No	C	Escape Flight	0
Coastal Shipping	Kitikmeot W.	23-Jul-22	Common Murre	15	Fly	No	C	Escape Flight	0
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	1	Fly	No	C	Escape Flight	
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	1	Fly	No	C	Escape Flight	
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	1	Fly	No	C	Escape Flight	
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	1	Fly	No	C	Escape Flight	
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	1	Fly	No	C	Escape Flight	
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	1	Fly	No	C	Escape Flight	
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	10	Fly	No	D	Escape Flight	180
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	10	Fly	No	D	Escape Flight	180
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	10	Fly	No	D	Escape Flight	180
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	10	Fly	No	D	Escape Flight	180
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	10	Fly	No	D	Escape Flight	180
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	10	Fly	No	D	Escape Flight	180
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Gull	1	Fly	No	A	Other	
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Gull	1	Fly	No	A	Other	
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Gull	1	Fly	No	A	Other	
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Gull	1	Fly	No	A	Other	
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Gull	1	Fly	No	A	Other	
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Gull	1	Fly	No	A	Other	
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	340
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	3	Fly	Yes	B	Other	300
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	210
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	5	Fly	Yes	C	Other	20
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	2	Fly	No	D	Escape Flight	210
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	2	Fly	No	D	Escape Flight	210
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	2	Fly	No	D	Escape Flight	210

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	2	Fly	No	D	Escape Flight	210
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	2	Fly	No	D	Escape Flight	210
Coastal Shipping	Kitikmeot W.	23-Jul-22	Unknown Murre	2	Fly	No	D	Escape Flight	210
Coastal Shipping	Kitikmeot W.	24-Jul-22	Unknown Murre	3	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	24-Jul-22	Unknown Murre	3	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	24-Jul-22	Unknown Murre	3	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	24-Jul-22	Unknown Murre	3	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	24-Jul-22	Unknown Murre	3	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	24-Jul-22	Unknown Murre	3	Water	Yes	C	Rafting	
Coastal Shipping	Kitikmeot W.	24-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	350
Coastal Shipping	Kitikmeot W.	24-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	350
Coastal Shipping	Kitikmeot W.	24-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	350
Coastal Shipping	Kitikmeot W.	24-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	350
Coastal Shipping	Kitikmeot W.	24-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	350
Coastal Shipping	Kitikmeot W.	24-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	350
Coastal Shipping	Kitikmeot W.	24-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	190
Coastal Shipping	Kitikmeot W.	24-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	190
Coastal Shipping	Kitikmeot W.	24-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	190
Coastal Shipping	Kitikmeot W.	24-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	190
Coastal Shipping	Kitikmeot W.	24-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	190
Coastal Shipping	Kitikmeot W.	24-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	190
Coastal Shipping	Kitikmeot W.	24-Jul-22	Unknown Murre	1	Fly	Yes	C	Other	190
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	9	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	9	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	9	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	9	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	9	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	9	Fly	Yes	C	Other	270
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Gull	2	Fly	Yes	B	Other	230
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Gull	2	Fly	Yes	B	Other	230
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Gull	2	Fly	Yes	B	Other	230
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Gull	2	Fly	Yes	B	Other	230
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Gull	2	Fly	Yes	B	Other	230
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Gull	2	Fly	Yes	B	Other	230
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	140
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	140
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	140

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	140
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	140
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	140
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	2	Fly	No	E	Other	200
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	2	Fly	No	E	Other	200
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	2	Fly	No	E	Other	200
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	2	Fly	No	E	Other	200
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	2	Fly	No	E	Other	200
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	2	Fly	No	E	Other	200
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	280
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	280
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	280
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	280
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	280
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	2	Fly	Yes	C	Other	280
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	3	Fly	Yes	B	Other	300
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	3	Fly	Yes	B	Other	300
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	3	Fly	Yes	B	Other	300
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	3	Fly	Yes	B	Other	300
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	3	Fly	Yes	B	Other	300
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Murre	3	Fly	Yes	B	Other	300
Coastal Shipping	Kitikmeot W.	25-Jul-22	Unknown Gull	1	Fly	Yes	E	Other	210
Coastal Shipping	Kitikmeot W.	26-Jul-22	Unknown Gull	1	Fly	Yes	D	Other	270
Coastal Shipping	Kitikmeot W.	26-Jul-22	Unknown Gull	3	Water	Yes	D	Rafting	
Coastal Shipping	Kitikmeot W.	27-Jul-22	Unknown Gull	2	Water	Yes	D	Rafting	
Coastal Shipping	Kitikmeot W.	27-Jul-22	Unknown Gull	2	Fly	Yes	E	Other	125
Coastal Shipping	Kitikmeot W.	29-Jul-22	Unknown Gull	1	Fly	Yes	D	Other	285
Coastal Shipping	Kitikmeot W.	29-Jul-22	Unknown Gull	2	Fly	No	A	Other	
Coastal Shipping	Kitikmeot W.	30-Jul-22	Unknown Gull	2	Fly	Yes	D	Other	330
Coastal Shipping	Kitikmeot W.	03-Aug-22	Unknown Gull	1	Fly	Yes	D	Other	280
Coastal Shipping	Kitikmeot W.	04-Aug-22	Unknown Gull	1	Fly	Yes	C	Other	348
Coastal Shipping	Kitikmeot W.	05-Aug-22	Unknown Gull	2	Fly	Yes	C	Other	350
Coastal Shipping	Kitikmeot W.	05-Aug-22	Unknown Gull	1	Fly	Yes	B	Other	20
Coastal Shipping	Kitikmeot W.	06-Aug-22	Unknown Gull	1	Fly	No	B	Other	120
Coastal Shipping	Kitikmeot W.	06-Aug-22	Unknown Gull	1	Fly	No	B	Other	120
Coastal Shipping	Kitikmeot W.	06-Aug-22	Unknown Gull	1	Fly	No	B	Other	120

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	06-Aug-22	Unknown Gull	1	Fly	No	B	Other	120
Coastal Shipping	Kitikmeot W.	06-Aug-22	Unknown Gull	1	Fly	No	B	Other	120
Coastal Shipping	Kitikmeot W.	06-Aug-22	Unknown Gull	1	Fly	No	B	Other	120
Coastal Shipping	Kitikmeot W.	06-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	160
Coastal Shipping	Kitikmeot W.	06-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	160
Coastal Shipping	Kitikmeot W.	06-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	160
Coastal Shipping	Kitikmeot W.	06-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	160
Coastal Shipping	Kitikmeot W.	06-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	160
Coastal Shipping	Kitikmeot W.	06-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	160
Coastal Shipping	Kitikmeot W.	07-Aug-22	Unknown Murre	1	Fly	Yes	C	Other	110
Coastal Shipping	Kitikmeot W.	07-Aug-22	Unknown Murre	1	Fly	Yes	C	Other	110
Coastal Shipping	Kitikmeot W.	07-Aug-22	Unknown Murre	1	Fly	Yes	C	Other	110
Coastal Shipping	Kitikmeot W.	07-Aug-22	Unknown Murre	1	Fly	Yes	C	Other	110
Coastal Shipping	Kitikmeot W.	07-Aug-22	Unknown Murre	1	Fly	Yes	C	Other	110
Coastal Shipping	Kitikmeot W.	07-Aug-22	Unknown Murre	1	Fly	Yes	C	Other	110
Coastal Shipping	Kitikmeot W.	07-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	120
Coastal Shipping	Kitikmeot W.	07-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	120
Coastal Shipping	Kitikmeot W.	07-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	120
Coastal Shipping	Kitikmeot W.	07-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	120
Coastal Shipping	Kitikmeot W.	07-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	120
Coastal Shipping	Kitikmeot W.	07-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	120
Coastal Shipping	Kitikmeot W.	07-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	120
Coastal Shipping	Kitikmeot W.	07-Aug-22	Northern Fulmar	1	Water	Yes	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Aug-22	Northern Fulmar	1	Water	Yes	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Aug-22	Northern Fulmar	1	Water	Yes	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Aug-22	Northern Fulmar	1	Water	Yes	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Aug-22	Northern Fulmar	1	Water	Yes	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Aug-22	Northern Fulmar	1	Water	Yes	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Aug-22	Unknown Murre	4	Water	Yes	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Aug-22	Unknown Murre	4	Water	Yes	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Aug-22	Unknown Murre	4	Water	Yes	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Aug-22	Unknown Murre	4	Water	Yes	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Aug-22	Unknown Murre	4	Water	Yes	D	Rafting	
Coastal Shipping	Kitikmeot W.	07-Aug-22	Unknown Murre	4	Water	Yes	D	Rafting	
Coastal Shipping	Kitikmeot W.	08-Aug-22	Unknown Murre	1	Fly	Yes	D	Other	130
Coastal Shipping	Kitikmeot W.	08-Aug-22	Unknown Murre	1	Fly	Yes	D	Other	130
Coastal Shipping	Kitikmeot W.	08-Aug-22	Unknown Murre	1	Fly	Yes	D	Other	130



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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Kitikmeot W.	08-Aug-22	Unknown Murre	1	Fly	Yes	D	Other	130
Coastal Shipping	Kitikmeot W.	08-Aug-22	Unknown Murre	1	Fly	Yes	D	Other	130
Coastal Shipping	Kitikmeot W.	08-Aug-22	Unknown Murre	1	Fly	Yes	D	Other	130
Coastal Shipping	Kitikmeot W.	08-Aug-22	Unknown Murre	2	Fly	Yes	C	Other	140
Coastal Shipping	Kitikmeot W.	08-Aug-22	Unknown Murre	2	Fly	Yes	C	Other	140
Coastal Shipping	Kitikmeot W.	08-Aug-22	Unknown Murre	2	Fly	Yes	C	Other	140
Coastal Shipping	Kitikmeot W.	08-Aug-22	Unknown Murre	2	Fly	Yes	C	Other	140
Coastal Shipping	Kitikmeot W.	08-Aug-22	Unknown Murre	2	Fly	Yes	C	Other	140
Coastal Shipping	Kitikmeot W.	08-Aug-22	Unknown Murre	2	Fly	Yes	C	Other	140
Coastal Shipping	Kitikmeot W.	08-Aug-22	Unknown Gull	2	Fly	No	B	Other	
Coastal Shipping	Kitikmeot W.	08-Aug-22	Unknown Gull	2	Fly	No	B	Other	
Coastal Shipping	Kitikmeot W.	08-Aug-22	Unknown Gull	2	Fly	No	B	Other	
Coastal Shipping	Kitikmeot W.	08-Aug-22	Unknown Gull	2	Fly	No	B	Other	
Coastal Shipping	Kitikmeot W.	08-Aug-22	Unknown Gull	2	Fly	No	B	Other	
Coastal Shipping	Kitikmeot W.	08-Aug-22	Unknown Gull	2	Fly	No	B	Other	
Coastal Shipping	Kitikmeot W.	09-Aug-22	Unknown Murre	1	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	09-Aug-22	Unknown Murre	1	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	09-Aug-22	Unknown Murre	1	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	09-Aug-22	Unknown Murre	1	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	09-Aug-22	Unknown Murre	1	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	09-Aug-22	Unknown Murre	1	Fly	Yes	C	Other	180
Coastal Shipping	Kitikmeot W.	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	100
Coastal Shipping	Kitikmeot W.	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	100
Coastal Shipping	Kitikmeot W.	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	100
Coastal Shipping	Kitikmeot W.	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	100
Coastal Shipping	Kitikmeot W.	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	100
Coastal Shipping	Kitikmeot W.	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	100
Coastal Shipping	Kitikmeot W.	09-Aug-22	Northern Fulmar	2	Fly	Yes	B	Other	20
Coastal Shipping	Kitikmeot W.	09-Aug-22	Northern Fulmar	2	Fly	Yes	B	Other	20
Coastal Shipping	Kitikmeot W.	09-Aug-22	Northern Fulmar	2	Fly	Yes	B	Other	20
Coastal Shipping	Kitikmeot W.	09-Aug-22	Northern Fulmar	2	Fly	Yes	B	Other	20
Coastal Shipping	Kitikmeot W.	09-Aug-22	Northern Fulmar	2	Fly	Yes	B	Other	20
Coastal Shipping	Kitikmeot W.	09-Aug-22	Northern Fulmar	2	Fly	Yes	B	Other	20
CSL	Kivalliq W.	13-Jul-22	Herring Gull	4	Water	No	C	Rafting	
CSL	Kivalliq W.	13-Jul-22	Herring Gull	4	Water	No	C	Rafting	
CSL	Kivalliq W.	13-Jul-22	Herring Gull	4	Water	No	C	Rafting	

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
CSL	Kivalliq W.	13-Jul-22	Herring Gull	4	Water	No	C	Rafting	
CSL	Kivalliq W.	13-Jul-22	Herring Gull	4	Water	No	C	Rafting	
CSL	Kivalliq W.	13-Jul-22	Herring Gull	4	Water	No	C	Rafting	
CSL	Kivalliq W.	13-Jul-22	Glaucous Gull	4	Fly	Yes	C	Other	300
CSL	Kivalliq W.	13-Jul-22	Glaucous Gull	4	Fly	Yes	C	Other	300
CSL	Kivalliq W.	13-Jul-22	Glaucous Gull	4	Fly	Yes	C	Other	300
CSL	Kivalliq W.	13-Jul-22	Glaucous Gull	4	Fly	Yes	C	Other	300
CSL	Kivalliq W.	13-Jul-22	Glaucous Gull	4	Fly	Yes	C	Other	300
CSL	Kivalliq W.	13-Jul-22	Glaucous Gull	4	Fly	Yes	C	Other	300
CSL	Kivalliq W.	14-Jul-22	Parasitic Jaeger	1	Fly	Yes	D	Other	0
CSL	Kivalliq W.	14-Jul-22	Parasitic Jaeger	1	Fly	Yes	D	Other	0
CSL	Kivalliq W.	14-Jul-22	Parasitic Jaeger	1	Fly	Yes	D	Other	0
CSL	Kivalliq W.	14-Jul-22	Parasitic Jaeger	1	Fly	Yes	D	Other	0
CSL	Kivalliq W.	14-Jul-22	Parasitic Jaeger	1	Fly	Yes	D	Other	0
CSL	Kivalliq W.	14-Jul-22	Parasitic Jaeger	1	Fly	Yes	D	Other	0
CSL	Kivalliq W.	14-Jul-22	Herring Gull	2	Water	No	B	Rafting	
CSL	Kivalliq W.	14-Jul-22	Herring Gull	2	Water	No	B	Rafting	
CSL	Kivalliq W.	14-Jul-22	Herring Gull	2	Water	No	B	Rafting	
CSL	Kivalliq W.	14-Jul-22	Herring Gull	2	Water	No	B	Rafting	
CSL	Kivalliq W.	14-Jul-22	Herring Gull	2	Water	No	B	Rafting	
CSL	Kivalliq W.	14-Jul-22	Herring Gull	2	Water	No	B	Rafting	
CSL	Kivalliq W.	16-Jul-22	Herring Gull	3	Fly	Yes	C	Other	270
CSL	Kivalliq W.	16-Jul-22	Herring Gull	3	Fly	Yes	C	Other	270
CSL	Kivalliq W.	16-Jul-22	Herring Gull	3	Fly	Yes	C	Other	270
CSL	Kivalliq W.	16-Jul-22	Herring Gull	3	Fly	Yes	C	Other	270
CSL	Kivalliq W.	16-Jul-22	Herring Gull	3	Fly	Yes	C	Other	270
CSL	Kivalliq W.	16-Jul-22	Herring Gull	3	Fly	Yes	C	Other	270
CSL	Kivalliq W.	16-Jul-22	Glaucous Gull	4	Water	No	C	Other	
CSL	Kivalliq W.	16-Jul-22	Glaucous Gull	4	Water	No	C	Other	
CSL	Kivalliq W.	16-Jul-22	Glaucous Gull	4	Water	No	C	Other	
CSL	Kivalliq W.	16-Jul-22	Glaucous Gull	4	Water	No	C	Other	
CSL	Kivalliq W.	16-Jul-22	Glaucous Gull	4	Water	No	C	Other	
CSL	Kivalliq W.	16-Jul-22	Glaucous Gull	4	Water	No	C	Other	
CSL	Kivalliq W.	16-Jul-22	Glaucous Gull	4	Water	No	C	Other	
CSL	Kivalliq W.	16-Jul-22	Glaucous Gull	4	Water	No	C	Other	
CSL	Kivalliq W.	16-Jul-22	Common Eider	4	Fly	Yes	C	Other	0
CSL	Kivalliq W.	16-Jul-22	Common Eider	4	Fly	Yes	C	Other	0
CSL	Kivalliq W.	16-Jul-22	Common Eider	4	Fly	Yes	C	Other	0

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
CSL	Kivalliq W.	16-Jul-22	Common Eider	4	Fly	Yes	C	Other	0
CSL	Kivalliq W.	16-Jul-22	Common Eider	4	Fly	Yes	C	Other	0
CSL	Kivalliq W.	16-Jul-22	Common Eider	4	Fly	Yes	C	Other	0
CSL	Kivalliq W.	15-Jul-22	Common Loon	2	Water	No	C	Rafting	
CSL	Kivalliq W.	15-Jul-22	Common Loon	2	Water	No	C	Rafting	
CSL	Kivalliq W.	15-Jul-22	Common Loon	2	Water	No	C	Rafting	
CSL	Kivalliq W.	15-Jul-22	Common Loon	2	Water	No	C	Rafting	
CSL	Kivalliq W.	15-Jul-22	Common Loon	2	Water	No	C	Rafting	
CSL	Kivalliq W.	15-Jul-22	Common Loon	2	Water	No	C	Rafting	
CSL	Kivalliq W.	15-Jul-22	Glaucous Gull	4	Fly	Yes	D	Other	30
CSL	Kivalliq W.	15-Jul-22	Glaucous Gull	4	Fly	Yes	D	Other	30
CSL	Kivalliq W.	15-Jul-22	Glaucous Gull	4	Fly	Yes	D	Other	30
CSL	Kivalliq W.	15-Jul-22	Glaucous Gull	4	Fly	Yes	D	Other	30
CSL	Kivalliq W.	15-Jul-22	Glaucous Gull	4	Fly	Yes	D	Other	30
CSL	Kivalliq W.	15-Jul-22	Glaucous Gull	4	Fly	Yes	D	Other	30
Desgagnes	Miena	04-Jul-22	Northern Fulmar	7	Fly		A		
Desgagnes	Miena	04-Jul-22	Northern Fulmar	7	Fly		A		
Desgagnes	Miena	04-Jul-22	Northern Fulmar	7	Fly		A		
Desgagnes	Miena	04-Jul-22	Northern Fulmar	7	Fly		A		
Desgagnes	Miena	04-Jul-22	Northern Fulmar	7	Fly		A		
Desgagnes	Miena	04-Jul-22	Northern Fulmar	7	Fly		A		
Desgagnes	Miena	04-Jul-22	Unknown Gull	4	Fly		A	Other	
Desgagnes	Miena	04-Jul-22	Unknown Gull	4	Fly		A	Other	
Desgagnes	Miena	04-Jul-22	Unknown Gull	4	Fly		A	Other	
Desgagnes	Miena	04-Jul-22	Unknown Gull	4	Fly		A	Other	
Desgagnes	Miena	04-Jul-22	Unknown Gull	4	Fly		A	Other	
Desgagnes	Miena	04-Jul-22	Unknown Gull	4	Fly		A	Other	
Desgagnes	Miena	04-Jul-22	Razorbill	2	Water	Yes	B	Other	290
Desgagnes	Miena	04-Jul-22	Razorbill	2	Water	Yes	B	Other	290
Desgagnes	Miena	04-Jul-22	Razorbill	2	Water	Yes	B	Other	290
Desgagnes	Miena	04-Jul-22	Razorbill	2	Water	Yes	B	Other	290
Desgagnes	Miena	04-Jul-22	Razorbill	2	Water	Yes	B	Other	290
Desgagnes	Miena	04-Jul-22	Razorbill	2	Water	Yes	B	Other	290
Desgagnes	Miena	04-Jul-22	Northern Fulmar	4	Fly		A		
Desgagnes	Miena	04-Jul-22	Northern Fulmar	4	Fly		A		
Desgagnes	Miena	04-Jul-22	Northern Fulmar	4	Fly		A		

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Miena	04-Jul-22	Northern Fulmar	4	Fly		A		
Desgagnes	Miena	04-Jul-22	Northern Fulmar	4	Fly		A		
Desgagnes	Miena	04-Jul-22	Northern Fulmar	4	Fly		A		
Desgagnes	Miena	04-Jul-22	Unknown Gull	3	Fly		A		
Desgagnes	Miena	04-Jul-22	Unknown Gull	3	Fly		A		
Desgagnes	Miena	04-Jul-22	Unknown Gull	3	Fly		A		
Desgagnes	Miena	04-Jul-22	Unknown Gull	3	Fly		A		
Desgagnes	Miena	04-Jul-22	Unknown Gull	3	Fly		A		
Desgagnes	Miena	04-Jul-22	Unknown Gull	3					0
Desgagnes	Miena	04-Jul-22	Unknown Gull	3					0
Desgagnes	Miena	04-Jul-22	Unknown Gull	3					0
Desgagnes	Miena	04-Jul-22	Unknown Gull	3					0
Desgagnes	Miena	04-Jul-22	Unknown Gull	3					0
Desgagnes	Miena	04-Jul-22	Unknown Gull	3					0
Desgagnes	Miena	04-Jul-22	Northern Fulmar	3					270
Desgagnes	Miena	04-Jul-22	Northern Fulmar	3					270
Desgagnes	Miena	04-Jul-22	Northern Fulmar	3					270
Desgagnes	Miena	04-Jul-22	Northern Fulmar	3					270
Desgagnes	Miena	04-Jul-22	Northern Fulmar	3					270
Desgagnes	Miena	04-Jul-22	Northern Fulmar	3					270
Desgagnes	Miena	04-Jul-22	Unknown Gull	2					
Desgagnes	Miena	04-Jul-22	Unknown Gull	2					
Desgagnes	Miena	04-Jul-22	Unknown Gull	2					
Desgagnes	Miena	04-Jul-22	Unknown Gull	2					
Desgagnes	Miena	04-Jul-22	Unknown Gull	2					
Desgagnes	Miena	04-Jul-22	Unknown Gull	2					
Desgagnes	Miena	04-Jul-22	Northern Fulmar	3					
Desgagnes	Miena	04-Jul-22	Northern Fulmar	3					
Desgagnes	Miena	04-Jul-22	Northern Fulmar	3					
Desgagnes	Miena	04-Jul-22	Northern Fulmar	3					
Desgagnes	Miena	04-Jul-22	Northern Fulmar	3					
Desgagnes	Miena	04-Jul-22	Northern Fulmar	3					
Desgagnes	Miena	05-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	0
Desgagnes	Miena	05-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	0
Desgagnes	Miena	05-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	0

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Miena	05-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	0
Desgagnes	Miena	05-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	0
Desgagnes	Miena	05-Jul-22	Northern Fulmar	1	Fly	Yes	C	Other	0
Desgagnes	Miena	06-Jul-22	Unknown Murre	1	Fly	Yes	C		0
Desgagnes	Miena	06-Jul-22	Unknown Murre	1	Fly	Yes	C		0
Desgagnes	Miena	06-Jul-22	Unknown Murre	1	Fly	Yes	C		0
Desgagnes	Miena	06-Jul-22	Unknown Murre	1	Fly	Yes	C		0
Desgagnes	Miena	06-Jul-22	Unknown Murre	1	Fly	Yes	C		0
Desgagnes	Miena	06-Jul-22	Unknown Murre	1	Fly	Yes	C		0
Desgagnes	Miena	06-Jul-22	Unknown Murre	4	Fly	Yes	A	Other	15
Desgagnes	Miena	06-Jul-22	Unknown Murre	4	Fly	Yes	A	Other	15
Desgagnes	Miena	06-Jul-22	Unknown Murre	4	Fly	Yes	A	Other	15
Desgagnes	Miena	06-Jul-22	Unknown Murre	4	Fly	Yes	A	Other	15
Desgagnes	Miena	06-Jul-22	Unknown Murre	4	Fly	Yes	A	Other	15
Desgagnes	Miena	06-Jul-22	Unknown Murre	4	Fly	Yes	A	Other	15
Desgagnes	Miena	06-Jul-22	Unknown Murre	10	Fly	Yes	A	Other	20
Desgagnes	Miena	06-Jul-22	Unknown Murre	10	Fly	Yes	A	Other	20
Desgagnes	Miena	06-Jul-22	Unknown Murre	10	Fly	Yes	A	Other	20
Desgagnes	Miena	06-Jul-22	Unknown Murre	10	Fly	Yes	A	Other	20
Desgagnes	Miena	06-Jul-22	Unknown Murre	10	Fly	Yes	A	Other	20
Desgagnes	Miena	06-Jul-22	Unknown Murre	10	Fly	Yes	A	Other	20
Desgagnes	Miena	06-Jul-22	Unknown Murre	4	Fly	Yes	B	Other	330
Desgagnes	Miena	06-Jul-22	Unknown Murre	4	Fly	Yes	B	Other	330
Desgagnes	Miena	06-Jul-22	Unknown Murre	4	Fly	Yes	B	Other	330
Desgagnes	Miena	06-Jul-22	Unknown Murre	4	Fly	Yes	B	Other	330
Desgagnes	Miena	06-Jul-22	Unknown Murre	4	Fly	Yes	B	Other	330
Desgagnes	Miena	06-Jul-22	Unknown Murre	4	Fly	Yes	B	Other	330
Desgagnes	Miena	08-Jul-22	Unknown Murre	5	Water	No	C		
Desgagnes	Miena	08-Jul-22	Northern Fulmar	3	Water	No	B		
Desgagnes	Miena	09-Jul-22	Northern Fulmar	6	Water	No	C		
Desgagnes	Miena	09-Jul-22	Herring Gull	4	Fly	No	D		95
Desgagnes	Miena	10-Jul-22	Northern Fulmar	8	Fly	No	C	Other	90
Desgagnes	Miena	10-Jul-22	Herring Gull	6		No	E	Other	180
Desgagnes	Miena	10-Jul-22	Dovekie	5	Water	No	E	Rafting	
Desgagnes	Miena	11-Jul-22	Herring Gull	10		No	E		
Desgagnes	Miena	13-Jul-22	Herring Gull	6	Fly	No	C		90



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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Miena	13-Jul-22	Long-tailed Duck	2	Water	No	E	Other	
Desgagnes	Miena	16-Jul-22	Unknown Duck	3	Both	Yes	C	Other	70
Desgagnes	Miena	16-Jul-22	Unknown Duck	3	Both	Yes	C	Other	70
Desgagnes	Miena	16-Jul-22	Unknown Duck	3	Both	Yes	C	Other	70
Desgagnes	Miena	16-Jul-22	Unknown Duck	3	Both	Yes	C	Other	70
Desgagnes	Miena	16-Jul-22	Unknown Duck	3	Both	Yes	C	Other	70
Desgagnes	Miena	16-Jul-22	Unknown Duck	3	Both	Yes	C	Other	70
Desgagnes	Miena	17-Jul-22	Unknown Gull	6	Fly	Yes	B	Other	170
Desgagnes	Miena	17-Jul-22	Unknown Gull	6	Fly	Yes	B	Other	170
Desgagnes	Miena	17-Jul-22	Unknown Gull	6	Fly	Yes	B	Other	170
Desgagnes	Miena	17-Jul-22	Unknown Gull	6	Fly	Yes	B	Other	170
Desgagnes	Miena	17-Jul-22	Unknown Gull	6	Fly	Yes	B	Other	170
Desgagnes	Miena	17-Jul-22	Unknown Gull	2	Fly	Yes	B		90
Desgagnes	Miena	17-Jul-22	Unknown Gull	2	Fly	Yes	B		90
Desgagnes	Miena	17-Jul-22	Unknown Gull	2	Fly	Yes	B		90
Desgagnes	Miena	17-Jul-22	Unknown Gull	2	Fly	Yes	B		90
Desgagnes	Miena	17-Jul-22	Unknown Gull	2	Fly	Yes	B		90
Desgagnes	Miena	17-Jul-22	Unknown Gull	2	Fly	Yes	B		90
Desgagnes	Miena	17-Jul-22	Unknown Gull	18	Water	No	D	Rafting	
Desgagnes	Miena	17-Jul-22	Unknown Gull	18	Water	No	D	Rafting	
Desgagnes	Miena	17-Jul-22	Unknown Gull	18	Water	No	D	Rafting	
Desgagnes	Miena	17-Jul-22	Unknown Gull	18	Water	No	D	Rafting	
Desgagnes	Miena	17-Jul-22	Unknown Gull	18	Water	No	D	Rafting	
Desgagnes	Miena	17-Jul-22	Unknown Gull	18	Water	No	D	Rafting	
Desgagnes	Miena	17-Jul-22	Unknown Bird	2	Water	No	D	Rafting	
Desgagnes	Miena	17-Jul-22	Unknown Bird	2	Water	No	D	Rafting	
Desgagnes	Miena	17-Jul-22	Unknown Bird	2	Water	No	D	Rafting	
Desgagnes	Miena	17-Jul-22	Unknown Bird	2	Water	No	D	Rafting	
Desgagnes	Miena	17-Jul-22	Unknown Bird	2	Water	No	D	Rafting	
Desgagnes	Miena	17-Jul-22	Razorbill	1	Fly	Yes	B		0
Desgagnes	Miena	17-Jul-22	Razorbill	1	Fly	Yes	B		0
Desgagnes	Miena	17-Jul-22	Razorbill	1	Fly	Yes	B		0
Desgagnes	Miena	17-Jul-22	Razorbill	1	Fly	Yes	B		0
Desgagnes	Miena	17-Jul-22	Razorbill	1	Fly	Yes	B		0

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Miena	17-Jul-22	Razorbill	1	Fly	Yes	B		0
Desgagnes	Miena	17-Jul-22	Razorbill	5	Fly	Yes	B		270
Desgagnes	Miena	17-Jul-22	Razorbill	5	Fly	Yes	B		270
Desgagnes	Miena	17-Jul-22	Razorbill	5	Fly	Yes	B		270
Desgagnes	Miena	17-Jul-22	Razorbill	5	Fly	Yes	B		270
Desgagnes	Miena	17-Jul-22	Razorbill	5	Fly	Yes	B		270
Desgagnes	Miena	17-Jul-22	Razorbill	5	Fly	Yes	B		270
	Atlantic Beech	31-Jul-22	Unknown Gull	1	Water		A		
	Atlantic Beech	28-Jul-22	Unknown Gull	1	Fly		B	Other	
	Atlantic Beech	18-Jul-22	Herring Gull		Fly		C		
	Atlantic Beech	17-Jul-22	Sooty Shearwater		Fly		B		
	Atlantic Beech	14-Jul-22	Thick-billed Murre	10	Water		B		
	Atlantic Beech	14-Jul-22	Common Murre	3	Fly		C		
	Atlantic Beech	14-Jul-22	Common Murre	5	Water		D		
	Atlantic Elm	14-Jul-22	Common Murre	1	Water		B		
	Atlantic Elm	14-Jul-22	Unknown Murre	13	Fly		A	Other	
	Atlantic Elm	14-Jul-22	Unknown Murre	2	Fly		A	Other	
	Atlantic Elm	14-Jul-22	Unknown Murre	3	Fly		A	Other	
	Atlantic Elm	15-Jul-22	Thick-billed Murre	3	Water		B		
	Atlantic Elm	16-Jul-22	Common Murre	1	Water		A	Other	
	Atlantic Elm	16-Jul-22	Unknown Murre	30	Fly		C	Other	
	Atlantic Elm	16-Jul-22	Cackling/Canada Goose	8	Water		B		
	Atlantic Elm	16-Jul-22	Thick-billed Murre	8	Fly		B	Other	
	Atlantic Elm	16-Jul-22	Thick-billed Murre		Fly		B	Escape Flight	
	Atlantic Elm	16-Jul-22	Unknown Murre		Fly		C	Other	
	Atlantic Elm	17-Jul-22	Thick-billed Murre		Fly		B	Other	
	Atlantic Elm	17-Jul-22	Thick-billed Murre	2	Fly		B	Other	
	Atlantic Elm	17-Jul-22	Thick-billed Murre	5	Water		B	Other	
	Atlantic Elm	25-Jul-22	Common Eider	7	Water			Other	
	Atlantic Elm	13-Jul-22	Northern Fulmar	14	Fly			Other	
	Nordika Desgagnes	11-Jul-22	Northern Fulmar	3	Fly		A	Other	296
	Nordika Desgagnes	11-Jul-22	Northern Fulmar	3	Fly		A	Other	296
	Nordika Desgagnes	11-Jul-22	Northern Fulmar	3	Fly		A	Other	296
	Nordika Desgagnes	11-Jul-22	Northern Fulmar	3	Fly		A	Other	296
	Nordika Desgagnes	11-Jul-22	Northern Fulmar	3	Fly		A	Other	296
	Nordika Desgagnes	11-Jul-22	Northern Fulmar	3	Fly		A	Other	296

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
	Nordika Desgagnes	11-Jul-22	Razorbill	7	Fly		B	Escape Flight	26
	Nordika Desgagnes	11-Jul-22	Razorbill	7	Fly		B	Escape Flight	26
	Nordika Desgagnes	11-Jul-22	Razorbill	7	Fly		B	Escape Flight	26
	Nordika Desgagnes	11-Jul-22	Razorbill	7	Fly		B	Escape Flight	26
	Nordika Desgagnes	11-Jul-22	Razorbill	7	Fly		B	Escape Flight	26
	Nordika Desgagnes	11-Jul-22	Razorbill	7	Fly		B	Escape Flight	26
	Nordika Desgagnes	11-Jul-22	Razorbill	2	Fly		A	Escape Flight	203
	Nordika Desgagnes	11-Jul-22	Razorbill	2	Fly		A	Escape Flight	203
	Nordika Desgagnes	11-Jul-22	Razorbill	2	Fly		A	Escape Flight	203
	Nordika Desgagnes	11-Jul-22	Razorbill	2	Fly		A	Escape Flight	203
	Nordika Desgagnes	11-Jul-22	Razorbill	2	Fly		A	Escape Flight	203
	Nordika Desgagnes	11-Jul-22	Razorbill	2	Fly		A	Escape Flight	203
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Fly		A	Escape Flight	296
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Fly		A	Escape Flight	296
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Fly		A	Escape Flight	296
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Fly		A	Escape Flight	296
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Fly		A	Escape Flight	296
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Water		A	Rafting	
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Water		A	Rafting	
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Water		A	Rafting	
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Water		A	Rafting	
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Water		A	Rafting	
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Water		A	Rafting	
	Nordika Desgagnes	11-Jul-22	Razorbill	10	Fly		B	Other	296
	Nordika Desgagnes	11-Jul-22	Razorbill	10	Fly		B	Other	296
	Nordika Desgagnes	11-Jul-22	Razorbill	10	Fly		B	Other	296
	Nordika Desgagnes	11-Jul-22	Razorbill	10	Fly		B	Other	296
	Nordika Desgagnes	11-Jul-22	Razorbill	10	Fly		B	Other	296
	Nordika Desgagnes	11-Jul-22	Razorbill	10	Fly		B	Other	296
	Nordika Desgagnes	11-Jul-22	Razorbill	2	Water		A	Rafting	
	Nordika Desgagnes	11-Jul-22	Razorbill	2	Water		A	Rafting	
	Nordika Desgagnes	11-Jul-22	Razorbill	2	Water		A	Rafting	
	Nordika Desgagnes	11-Jul-22	Razorbill	2	Water		A	Rafting	
	Nordika Desgagnes	11-Jul-22	Razorbill	2	Water		A	Rafting	
	Nordika Desgagnes	11-Jul-22	Razorbill	2	Water		A	Rafting	

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Fly		B	Escape Flight	26
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Fly		B	Escape Flight	26
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Fly		B	Escape Flight	26
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Fly		B	Escape Flight	26
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Fly		B	Escape Flight	26
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Fly		B	Escape Flight	26
	Nordika Desgagnes	11-Jul-22	Razorbill	3	Fly		B	Other	300
	Nordika Desgagnes	11-Jul-22	Razorbill	3	Fly		B	Other	300
	Nordika Desgagnes	11-Jul-22	Razorbill	3	Fly		B	Other	300
	Nordika Desgagnes	11-Jul-22	Razorbill	3	Fly		B	Other	300
	Nordika Desgagnes	11-Jul-22	Razorbill	3	Fly		B	Other	300
	Nordika Desgagnes	11-Jul-22	Razorbill	3	Fly		B	Other	300
	Nordika Desgagnes	11-Jul-22	Northern Fulmar	2	Fly		B	Other	300
	Nordika Desgagnes	11-Jul-22	Northern Fulmar	2	Fly		B	Other	300
	Nordika Desgagnes	11-Jul-22	Northern Fulmar	2	Fly		B	Other	300
	Nordika Desgagnes	11-Jul-22	Northern Fulmar	2	Fly		B	Other	300
	Nordika Desgagnes	11-Jul-22	Northern Fulmar	2	Fly		B	Other	300
	Nordika Desgagnes	11-Jul-22	Northern Fulmar	2	Fly		B	Other	300
	Nordika Desgagnes	11-Jul-22	Northern Fulmar	2	Fly		B	Other	308
	Nordika Desgagnes	11-Jul-22	Northern Fulmar	2	Fly		B	Other	308
	Nordika Desgagnes	11-Jul-22	Northern Fulmar	2	Fly		B	Other	308
	Nordika Desgagnes	11-Jul-22	Northern Fulmar	2	Fly		B	Other	308
	Nordika Desgagnes	11-Jul-22	Northern Fulmar	2	Fly		B	Other	308
	Nordika Desgagnes	11-Jul-22	Northern Fulmar	2	Fly		B	Other	308
	Nordika Desgagnes	11-Jul-22	Northern Fulmar	2	Fly		B	Other	308
	Nordika Desgagnes	13-Jul-22	Northern Fulmar	1	Fly		A	Escape Flight	10
	Nordika Desgagnes	13-Jul-22	Northern Fulmar	1	Water		A	Other	
	Nordika Desgagnes	22-Jul-22	Northern Fulmar	3	Fly		B	Other	140
	Nordika Desgagnes	23-Jul-22	Northern Fulmar	2	Fly		B	Other	45
	Nordika Desgagnes	24-Jul-22	Razorbill	1	Fly		B	Other	100
	Nordika Desgagnes	24-Jul-22	Razorbill	1	Fly		B	Other	100
	Nordika Desgagnes	24-Jul-22	Razorbill	1	Fly		B	Other	100
	Nordika Desgagnes	24-Jul-22	Razorbill	1	Fly		B	Other	100
	Nordika Desgagnes	24-Jul-22	Razorbill	1	Fly		B	Other	100
	Nordika Desgagnes	24-Jul-22	Razorbill	1	Fly		B	Other	100
	Nordika Desgagnes	24-Jul-22	Razorbill	3	Fly		A	Other	100
	Nordika Desgagnes	24-Jul-22	Razorbill	3	Fly		A	Other	100

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
	Nordika Desgagnes	24-Jul-22	Razorbill	3	Fly		A	Other	100
	Nordika Desgagnes	24-Jul-22	Razorbill	3	Fly		A	Other	100
	Nordika Desgagnes	24-Jul-22	Razorbill	3	Fly		A	Other	100
	Nordika Desgagnes	24-Jul-22	Razorbill	3	Fly		A	Other	100
Coastal Shipping	Tuvaq W.	12-Jul-22	Common Murre	13	Fly	Yes	B	Escape Flight	
Coastal Shipping	Tuvaq W.	13-Jul-22	Common Murre	13	Fly	Yes	B	Escape Flight	330
Coastal Shipping	Tuvaq W.	14-Jul-22	Herring Gull	8	Water	No	C	Rafting	300
Coastal Shipping	Tuvaq W.	14-Jul-22	Unknown Gull	1	Fly	Yes	C	Escape Flight	180
Coastal Shipping	Tuvaq W.	14-Jul-22	Unknown Duck	3	Fly	Yes	C	Other	20
Coastal Shipping	Tuvaq W.	15-Jul-22	Unknown Gull	3	Fly	Yes	C	Other	270
Coastal Shipping	Tuvaq W.	15-Jul-22	Unknown Gull	15	Fly	Yes	C	Other	300
Coastal Shipping	Tuvaq W.	16-Jul-22	Great Cormorant	2	Water	No	B	Rafting	270
Coastal Shipping	Tuvaq W.	16-Jul-22	Common Loon	2	Water	Yes	A	Other	
Coastal Shipping	Tuvaq W.	17-Jul-22	Long-tailed Duck	7	Fly	Yes	B	Other	30
Coastal Shipping	Tuvaq W.	17-Jul-22	Unknown Gull	3	Fly	Yes	B	Other	70
Coastal Shipping	Tuvaq W.	17-Jul-22	Unknown Gull	20	Fly	Yes	E	Other	160
Coastal Shipping	Tuvaq W.	20-Jul-22	Black Scoter	2	Water	Yes	B	Other	
Coastal Shipping	Tuvaq W.	21-Jul-22	Red-breasted Merganser	1	Fly	Yes	A	Other	175
Coastal Shipping	Tuvaq W.	22-Jul-22	Wilson's Storm-petrel	3	Water	Yes	A	Escape Flight	270
Coastal Shipping	Tuvaq W.	22-Jul-22	Unknown Goose	1	Water	Yes	B	Escape Flight	340
Coastal Shipping	Tuvaq W.	22-Jul-22	Unknown Gull	7		Yes	B	Other	
Coastal Shipping	Tuvaq W.	24-Jul-22	Black Guillemot	2	Water	Yes	A	Other	
Coastal Shipping	Tuvaq W.	02-Aug-22	Bald Eagle	1	Fly	Yes	C	Other	330
Coastal Shipping	Tuvaq W.	02-Aug-22	Unknown Gull	1	Fly	Yes	B	Other	270
Coastal Shipping	Tuvaq W.	02-Aug-22	Unknown Gull	30		Yes	A	Other	
Coastal Shipping	Tuvaq W.	27-Jul-22	Common Loon	1	Water		B	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Northern Fulmar	1	Fly	Yes	B	Other	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Northern Fulmar	1	Fly	Yes	B	Other	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Northern Fulmar	1	Fly	Yes	B	Other	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Northern Fulmar	1	Fly	Yes	B	Other	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Northern Fulmar	1	Fly	Yes	B	Other	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Northern Fulmar	1	Fly	Yes	B	Other	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	1	Fly	No	E	Rafting	
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	1	Fly	No	E	Rafting	
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	1	Fly	No	E	Rafting	
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	1	Fly	No	E	Rafting	



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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	1	Fly	No	E	Rafting	
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	1	Fly	No	E	Rafting	
Desgagnes	Zelada Desgagnes	23-Jul-22	Northern Fulmar	1	Fly	Yes	A	Escape Flight	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Northern Fulmar	1	Fly	Yes	A	Escape Flight	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Northern Fulmar	1	Fly	Yes	A	Escape Flight	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Northern Fulmar	1	Fly	Yes	A	Escape Flight	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Northern Fulmar	1	Fly	Yes	A	Escape Flight	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Northern Fulmar	1	Fly	Yes	A	Escape Flight	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	2	Fly	Yes	A	Rafting	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	2	Fly	Yes	A	Rafting	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	2	Fly	Yes	A	Rafting	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	2	Fly	Yes	A	Rafting	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	2	Fly	Yes	A	Rafting	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Red-breasted Merganser	3	Fly	Yes	A	Other	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Red-breasted Merganser	3	Fly	Yes	A	Other	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Red-breasted Merganser	3	Fly	Yes	A	Other	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Red-breasted Merganser	3	Fly	Yes	A	Other	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Red-breasted Merganser	3	Fly	Yes	A	Other	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Red-breasted Merganser	3	Fly	Yes	A	Other	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	1	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	1	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	1	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	1	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	1	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	1	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	2	Fly	No	E	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	2	Fly	No	E	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	2	Fly	No	E	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	2	Fly	No	E	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	2	Fly	No	E	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	2	Fly	No	E	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	1	Fly	Yes	D	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	1	Fly	Yes	D	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	1	Fly	Yes	D	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	1	Fly	Yes	D	Rafting	0

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	1	Fly	Yes	D	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	1	Fly	Yes	D	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	1	Fly	Yes	C	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	1	Fly	Yes	C	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	1	Fly	Yes	C	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	1	Fly	Yes	C	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	1	Fly	Yes	C	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	1	Fly	Yes	C	Rafting	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	8	Fly	Yes	C	Other	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	8	Fly	Yes	C	Other	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	8	Fly	Yes	C	Other	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	8	Fly	Yes	C	Other	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	8	Fly	Yes	C	Other	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	8	Fly	Yes	C	Other	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Parasitic Jaeger	1	Fly	Yes	B	Escape Flight	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Parasitic Jaeger	1	Fly	Yes	B	Escape Flight	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Parasitic Jaeger	1	Fly	Yes	B	Escape Flight	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Parasitic Jaeger	1	Fly	Yes	B	Escape Flight	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Parasitic Jaeger	1	Fly	Yes	B	Escape Flight	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Parasitic Jaeger	1	Fly	Yes	B	Escape Flight	0
Desgagnes	Zelada Desgagnes	23-Jul-22	Black Guillemot	3	Water	Yes	D	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Black Guillemot	3	Water	Yes	D	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Black Guillemot	3	Water	Yes	D	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Black Guillemot	3	Water	Yes	D	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Black Guillemot	3	Water	Yes	D	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Black Guillemot	3	Water	Yes	D	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	2	Fly	Yes	C	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	2	Fly	Yes	C	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	2	Fly	Yes	C	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	2	Fly	Yes	C	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	2	Fly	Yes	C	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	2	Fly	Yes	C	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Thick-billed Murre	2	Water	Yes	D	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Thick-billed Murre	2	Water	Yes	D	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Thick-billed Murre	2	Water	Yes	D	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Thick-billed Murre	2	Water	Yes	D	Other	

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Zelada Desgagnes	23-Jul-22	Thick-billed Murre	2	Water	Yes	D	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Thick-billed Murre	2	Water	Yes	D	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Northern Fulmar	2	Fly	Yes	C	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Northern Fulmar	2	Fly	Yes	C	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Northern Fulmar	2	Fly	Yes	C	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Northern Fulmar	2	Fly	Yes	C	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Northern Fulmar	2	Fly	Yes	C	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Northern Fulmar	2	Fly	Yes	C	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	5	Fly	Yes	D	Other	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	5	Fly	Yes	D	Other	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	5	Fly	Yes	D	Other	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	5	Fly	Yes	D	Other	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	5	Fly	Yes	D	Other	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Parasitic Jaeger	2	Fly	Yes	C	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Parasitic Jaeger	2	Fly	Yes	C	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Parasitic Jaeger	2	Fly	Yes	C	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Parasitic Jaeger	2	Fly	Yes	C	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Parasitic Jaeger	2	Fly	Yes	C	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Parasitic Jaeger	2	Fly	Yes	C	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	2	Fly	Yes	A	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	2	Fly	Yes	A	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	2	Fly	Yes	A	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	2	Fly	Yes	A	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	2	Fly	Yes	A	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	2	Fly	Yes	A	Rafting	90
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	1	Water	No	E	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	1	Water	No	E	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	1	Water	No	E	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	1	Water	No	E	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	1	Water	No	E	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	1	Water	No	E	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	8	Fly	Yes	B	Rafting	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	8	Fly	Yes	B	Rafting	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	8	Fly	Yes	B	Rafting	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	8	Fly	Yes	B	Rafting	180

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	8	Fly	Yes	B	Rafting	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	8	Fly	Yes	B	Rafting	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Thick-billed Murre	2	Both	Yes	B	Other	70
Desgagnes	Zelada Desgagnes	23-Jul-22	Thick-billed Murre	2	Both	Yes	B	Other	70
Desgagnes	Zelada Desgagnes	23-Jul-22	Thick-billed Murre	2	Both	Yes	B	Other	70
Desgagnes	Zelada Desgagnes	23-Jul-22	Thick-billed Murre	2	Both	Yes	B	Other	70
Desgagnes	Zelada Desgagnes	23-Jul-22	Thick-billed Murre	2	Both	Yes	B	Other	70
Desgagnes	Zelada Desgagnes	23-Jul-22	Thick-billed Murre	2	Both	Yes	B	Other	70
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	2	Water	Yes	A	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	2	Water	Yes	A	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	2	Water	Yes	A	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	2	Water	Yes	A	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Razorbill	2	Water	Yes	A	Other	
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	2	Fly	Yes	D	Rafting	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	2	Fly	Yes	D	Rafting	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	2	Fly	Yes	D	Rafting	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	2	Fly	Yes	D	Rafting	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	2	Fly	Yes	D	Rafting	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Unknown Gull	2	Fly	Yes	D	Rafting	180
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	5	Fly	No	B	Other	70
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	5	Fly	No	B	Other	70
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	5	Fly	No	B	Other	70
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	5	Fly	No	B	Other	70
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	5	Fly	No	B	Other	70
Desgagnes	Zelada Desgagnes	23-Jul-22	Pomarine Jaeger	5	Fly	No	B	Other	70
Desgagnes	Zelada Desgagnes	24-Jul-22	Pomarine Jaeger	2	Fly	Yes	B	Rafting	180
Desgagnes	Zelada Desgagnes	24-Jul-22	Pomarine Jaeger	2	Fly	Yes	B	Rafting	180
Desgagnes	Zelada Desgagnes	24-Jul-22	Pomarine Jaeger	2	Fly	Yes	B	Rafting	180
Desgagnes	Zelada Desgagnes	24-Jul-22	Pomarine Jaeger	2	Fly	Yes	B	Rafting	180
Desgagnes	Zelada Desgagnes	24-Jul-22	Pomarine Jaeger	2	Fly	Yes	B	Rafting	180
Desgagnes	Zelada Desgagnes	24-Jul-22	Pomarine Jaeger	2	Fly	Yes	B	Rafting	180
Desgagnes	Zelada Desgagnes	24-Jul-22	Northern Fulmar	1	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	24-Jul-22	Northern Fulmar	1	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	24-Jul-22	Northern Fulmar	1	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	24-Jul-22	Northern Fulmar	1	Water	Yes	B	Other	

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Desgagnes	Zelada Desgagnes	24-Jul-22	Northern Fulmar	1	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	24-Jul-22	Northern Fulmar	1	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	24-Jul-22	Thick-billed Murre	2	Fly	Yes	B	Other	270
Desgagnes	Zelada Desgagnes	24-Jul-22	Thick-billed Murre	2	Fly	Yes	B	Other	270
Desgagnes	Zelada Desgagnes	24-Jul-22	Thick-billed Murre	2	Fly	Yes	B	Other	270
Desgagnes	Zelada Desgagnes	24-Jul-22	Thick-billed Murre	2	Fly	Yes	B	Other	270
Desgagnes	Zelada Desgagnes	24-Jul-22	Thick-billed Murre	2	Fly	Yes	B	Other	270
Desgagnes	Zelada Desgagnes	24-Jul-22	Thick-billed Murre	2	Fly	Yes	B	Other	270
Desgagnes	Zelada Desgagnes	24-Jul-22	Pomarine Jaeger	2	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Pomarine Jaeger	2	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Pomarine Jaeger	2	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Pomarine Jaeger	2	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Pomarine Jaeger	2	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Pomarine Jaeger	2	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Thick-billed Murre	1	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	24-Jul-22	Thick-billed Murre	1	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	24-Jul-22	Thick-billed Murre	1	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	24-Jul-22	Thick-billed Murre	1	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	24-Jul-22	Thick-billed Murre	1	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	24-Jul-22	Thick-billed Murre	1	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	24-Jul-22	Thick-billed Murre	1	Fly	Yes	B	Rafting	260
Desgagnes	Zelada Desgagnes	24-Jul-22	Thick-billed Murre	1	Fly	Yes	B	Rafting	260
Desgagnes	Zelada Desgagnes	24-Jul-22	Thick-billed Murre	1	Fly	Yes	B	Rafting	260
Desgagnes	Zelada Desgagnes	24-Jul-22	Thick-billed Murre	1	Fly	Yes	B	Rafting	260
Desgagnes	Zelada Desgagnes	24-Jul-22	Thick-billed Murre	1	Fly	Yes	B	Rafting	260
Desgagnes	Zelada Desgagnes	24-Jul-22	Thick-billed Murre	1	Fly	Yes	B	Rafting	260
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	2	Fly	Yes	C	Other	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	2	Fly	Yes	C	Other	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	2	Fly	Yes	C	Other	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	2	Fly	Yes	C	Other	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	2	Fly	Yes	C	Other	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	2	Fly	Yes	C	Other	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	1	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	1	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	1	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	1	Fly	Yes	B	Other	0



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Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	1	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	1	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	4	Fly	Yes	D	Other	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	4	Fly	Yes	D	Other	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	4	Fly	Yes	D	Other	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	4	Fly	Yes	D	Other	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	4	Fly	Yes	D	Other	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	4	Fly	Yes	D	Other	0
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	2	Fly	Yes	C	Other	315
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	2	Fly	Yes	C	Other	315
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	2	Fly	Yes	C	Other	315
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	2	Fly	Yes	C	Other	315
Desgagnes	Zelada Desgagnes	24-Jul-22	Unknown Gull	2	Fly	Yes	C	Other	315
Desgagnes	Zelada Desgagnes	25-Jul-22	Unknown Murre	1	Water	No	B	Escape Flight	
Desgagnes	Zelada Desgagnes	25-Jul-22	Unknown Murre	1	Water	No	B	Escape Flight	
Desgagnes	Zelada Desgagnes	25-Jul-22	Unknown Murre	1	Water	No	B	Escape Flight	
Desgagnes	Zelada Desgagnes	25-Jul-22	Unknown Murre	1	Water	No	B	Escape Flight	
Desgagnes	Zelada Desgagnes	25-Jul-22	Unknown Murre	1	Water	No	B	Escape Flight	
Desgagnes	Zelada Desgagnes	25-Jul-22	Unknown Murre	1	Water	No	B	Escape Flight	
Desgagnes	Zelada Desgagnes	27-Jul-22	Herring Gull	1	Water	No	A	Rafting	
Desgagnes	Zelada Desgagnes	27-Jul-22	Herring Gull	1	Water	No	A	Rafting	
Desgagnes	Zelada Desgagnes	27-Jul-22	Herring Gull	1	Water	No	A	Rafting	
Desgagnes	Zelada Desgagnes	27-Jul-22	Herring Gull	1	Water	No	A	Rafting	
Desgagnes	Zelada Desgagnes	27-Jul-22	Herring Gull	1	Water	No	A	Rafting	
Desgagnes	Zelada Desgagnes	27-Jul-22	Herring Gull	1	Water	No	A	Rafting	
Desgagnes	Zelada Desgagnes	27-Jul-22	Herring Gull	1	Water	No	A	Rafting	
Desgagnes	Zelada Desgagnes	27-Jul-22	Herring Gull	1	Water	No	A	Rafting	
Desgagnes	Zelada Desgagnes	27-Jul-22	Herring Gull	1	Water	No	A	Rafting	
Desgagnes	Zelada Desgagnes	27-Jul-22	Herring Gull	1	Water	No	A	Rafting	
Desgagnes	Zelada Desgagnes	27-Jul-22	Herring Gull	1	Water	No	A	Rafting	
Desgagnes	Zelada Desgagnes	27-Jul-22	Herring Gull	1	Water	No	A	Rafting	
Desgagnes	Zelada Desgagnes	28-Jul-22	Herring Gull	2	Fly	Yes	C	Other	0
Desgagnes	Zelada Desgagnes	28-Jul-22	Herring Gull	2	Fly	Yes	C	Other	0
Desgagnes	Zelada Desgagnes	28-Jul-22	Herring Gull	2	Fly	Yes	C	Other	0
Desgagnes	Zelada Desgagnes	28-Jul-22	Herring Gull	2	Fly	Yes	C	Other	0

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Zelada Desgagnes	28-Jul-22	Herring Gull	2	Fly	Yes	C	Other	0
Desgagnes	Zelada Desgagnes	28-Jul-22	Herring Gull	2	Fly	Yes	C	Other	0
Desgagnes	Zelada Desgagnes	29-Jul-22	Herring Gull	2	Fly	Yes	D	Other	315
Desgagnes	Zelada Desgagnes	29-Jul-22	Herring Gull	2	Fly	Yes	D	Other	315
Desgagnes	Zelada Desgagnes	29-Jul-22	Herring Gull	2	Fly	Yes	D	Other	315
Desgagnes	Zelada Desgagnes	29-Jul-22	Herring Gull	2	Fly	Yes	D	Other	315
Desgagnes	Zelada Desgagnes	29-Jul-22	Herring Gull	2	Fly	Yes	D	Other	315
Desgagnes	Zelada Desgagnes	29-Jul-22	Herring Gull	2	Fly	Yes	D	Other	315
Desgagnes	Zelada Desgagnes	29-Jul-22	Herring Gull	1	Fly	Yes	C	Other	135
Desgagnes	Zelada Desgagnes	29-Jul-22	Herring Gull	1	Fly	Yes	C	Other	135
Desgagnes	Zelada Desgagnes	29-Jul-22	Herring Gull	1	Fly	Yes	C	Other	135
Desgagnes	Zelada Desgagnes	29-Jul-22	Herring Gull	1	Fly	Yes	C	Other	135
Desgagnes	Zelada Desgagnes	29-Jul-22	Herring Gull	1	Fly	Yes	C	Other	135
Desgagnes	Zelada Desgagnes	29-Jul-22	Herring Gull	1	Fly	No	D	Other	318
Desgagnes	Zelada Desgagnes	29-Jul-22	Herring Gull	1	Fly	No	D	Other	318
Desgagnes	Zelada Desgagnes	29-Jul-22	Herring Gull	1	Fly	No	D	Other	318
Desgagnes	Zelada Desgagnes	29-Jul-22	Herring Gull	1	Fly	No	D	Other	318
Desgagnes	Zelada Desgagnes	29-Jul-22	Herring Gull	1	Fly	No	D	Other	318
Desgagnes	Zelada Desgagnes	29-Jul-22	Herring Gull	1	Fly	No	D	Other	318
Desgagnes	Zelada Desgagnes	30-Jul-22	Herring Gull	2	Fly	Yes	C	Other	140
Desgagnes	Zelada Desgagnes	30-Jul-22	Herring Gull	2	Fly	Yes	C	Other	140
Desgagnes	Zelada Desgagnes	30-Jul-22	Herring Gull	2	Fly	Yes	C	Other	140
Desgagnes	Zelada Desgagnes	30-Jul-22	Herring Gull	2	Fly	Yes	C	Other	140
Desgagnes	Zelada Desgagnes	30-Jul-22	Herring Gull	2	Fly	Yes	C	Other	140
Desgagnes	Zelada Desgagnes	30-Jul-22	Herring Gull	2	Fly	Yes	C	Other	140
Desgagnes	Zelada Desgagnes	01-Aug-22	Herring Gull	1	Fly	Yes	B	Other	225
Desgagnes	Zelada Desgagnes	01-Aug-22	Herring Gull	1	Fly	Yes	B	Other	225
Desgagnes	Zelada Desgagnes	01-Aug-22	Herring Gull	1	Fly	Yes	B	Other	225
Desgagnes	Zelada Desgagnes	01-Aug-22	Herring Gull	1	Fly	Yes	B	Other	225
Desgagnes	Zelada Desgagnes	01-Aug-22	Herring Gull	1	Fly	Yes	B	Other	225
Desgagnes	Zelada Desgagnes	01-Aug-22	Herring Gull	1	Fly	Yes	B	Other	225
Desgagnes	Zelada Desgagnes	03-Aug-22	Northern Fulmar	2	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	03-Aug-22	Northern Fulmar	2	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	03-Aug-22	Northern Fulmar	2	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	03-Aug-22	Northern Fulmar	2	Fly	Yes	B	Rafting	0

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Zelada Desgagnes	03-Aug-22	Northern Fulmar	2	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	03-Aug-22	Northern Fulmar	2	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	03-Aug-22	Unknown Gull	1	Fly	Yes	D	Rafting	240
Desgagnes	Zelada Desgagnes	03-Aug-22	Unknown Gull	1	Fly	Yes	D	Rafting	240
Desgagnes	Zelada Desgagnes	03-Aug-22	Unknown Gull	1	Fly	Yes	D	Rafting	240
Desgagnes	Zelada Desgagnes	03-Aug-22	Unknown Gull	1	Fly	Yes	D	Rafting	240
Desgagnes	Zelada Desgagnes	03-Aug-22	Unknown Gull	1	Fly	Yes	D	Rafting	240
Desgagnes	Zelada Desgagnes	03-Aug-22	Unknown Gull	1	Fly	Yes	D	Rafting	240
Desgagnes	Zelada Desgagnes	03-Aug-22	Razorbill	2	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	03-Aug-22	Razorbill	2	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	03-Aug-22	Razorbill	2	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	03-Aug-22	Razorbill	2	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	03-Aug-22	Razorbill	2	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	03-Aug-22	Razorbill	2	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	03-Aug-22	Razorbill	1	Both	Yes	B	Other	150
Desgagnes	Zelada Desgagnes	03-Aug-22	Razorbill	1	Both	Yes	B	Other	150
Desgagnes	Zelada Desgagnes	03-Aug-22	Razorbill	1	Both	Yes	B	Other	150
Desgagnes	Zelada Desgagnes	03-Aug-22	Razorbill	1	Both	Yes	B	Other	150
Desgagnes	Zelada Desgagnes	03-Aug-22	Razorbill	1	Both	Yes	B	Other	150
Desgagnes	Zelada Desgagnes	03-Aug-22	Razorbill	1	Both	Yes	B	Other	150
Desgagnes	Zelada Desgagnes	04-Aug-22	Razorbill	3	Fly	Yes	C	Rafting	270
Desgagnes	Zelada Desgagnes	04-Aug-22	Razorbill	3	Fly	Yes	C	Rafting	270
Desgagnes	Zelada Desgagnes	04-Aug-22	Razorbill	3	Fly	Yes	C	Rafting	270
Desgagnes	Zelada Desgagnes	04-Aug-22	Razorbill	3	Fly	Yes	C	Rafting	270
Desgagnes	Zelada Desgagnes	04-Aug-22	Razorbill	3	Fly	Yes	C	Rafting	270
Desgagnes	Zelada Desgagnes	04-Aug-22	Razorbill	3	Fly	Yes	C	Rafting	270
Desgagnes	Zelada Desgagnes	04-Aug-22	Glaucous Gull	3	Fly	Yes	B	Other	150
Desgagnes	Zelada Desgagnes	04-Aug-22	Glaucous Gull	3	Fly	Yes	B	Other	150
Desgagnes	Zelada Desgagnes	04-Aug-22	Glaucous Gull	3	Fly	Yes	B	Other	150
Desgagnes	Zelada Desgagnes	04-Aug-22	Glaucous Gull	3	Fly	Yes	B	Other	150
Desgagnes	Zelada Desgagnes	04-Aug-22	Glaucous Gull	3	Fly	Yes	B	Other	150
Desgagnes	Zelada Desgagnes	04-Aug-22	Glaucous Gull	3	Fly	Yes	B	Other	150
Desgagnes	Zelada Desgagnes	04-Aug-22	Herring Gull	10	Water	Yes	C	Other	
Desgagnes	Zelada Desgagnes	04-Aug-22	Herring Gull	10	Water	Yes	C	Other	
Desgagnes	Zelada Desgagnes	04-Aug-22	Herring Gull	10	Water	Yes	C	Other	
Desgagnes	Zelada Desgagnes	04-Aug-22	Herring Gull	10	Water	Yes	C	Other	

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Zelada Desgagnes	04-Aug-22	Herring Gull	10	Water	Yes	C	Other	
Desgagnes	Zelada Desgagnes	04-Aug-22	Herring Gull	10	Water	Yes	C	Other	
Desgagnes	Zelada Desgagnes	04-Aug-22	Pomarine Jaeger	2	Fly	Yes	A	Other	180
Desgagnes	Zelada Desgagnes	04-Aug-22	Pomarine Jaeger	2	Fly	Yes	A	Other	180
Desgagnes	Zelada Desgagnes	04-Aug-22	Pomarine Jaeger	2	Fly	Yes	A	Other	180
Desgagnes	Zelada Desgagnes	04-Aug-22	Pomarine Jaeger	2	Fly	Yes	A	Other	180
Desgagnes	Zelada Desgagnes	04-Aug-22	Pomarine Jaeger	2	Fly	Yes	A	Other	180
Desgagnes	Zelada Desgagnes	04-Aug-22	Pomarine Jaeger	2	Fly	Yes	A	Other	180
Desgagnes	Zelada Desgagnes	04-Aug-22	Herring Gull	4	Fly	Yes	A	Rafting	130
Desgagnes	Zelada Desgagnes	04-Aug-22	Herring Gull	4	Fly	Yes	A	Rafting	130
Desgagnes	Zelada Desgagnes	04-Aug-22	Herring Gull	4	Fly	Yes	A	Rafting	130
Desgagnes	Zelada Desgagnes	04-Aug-22	Herring Gull	4	Fly	Yes	A	Rafting	130
Desgagnes	Zelada Desgagnes	04-Aug-22	Herring Gull	4	Fly	Yes	A	Rafting	130
Desgagnes	Zelada Desgagnes	04-Aug-22	Herring Gull	4	Fly	Yes	A	Rafting	130
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	3	Fly	Yes	B	Rafting	130
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	3	Fly	Yes	B	Rafting	130
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	3	Fly	Yes	B	Rafting	130
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	3	Fly	Yes	B	Rafting	130
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	3	Fly	Yes	B	Rafting	130
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	3	Fly	Yes	B	Rafting	130
Desgagnes	Zelada Desgagnes	04-Aug-22	Unknown Gull	7	Water	Yes	C	Other	
Desgagnes	Zelada Desgagnes	04-Aug-22	Unknown Gull	7	Water	Yes	C	Other	
Desgagnes	Zelada Desgagnes	04-Aug-22	Unknown Gull	7	Water	Yes	C	Other	
Desgagnes	Zelada Desgagnes	04-Aug-22	Unknown Gull	7	Water	Yes	C	Other	
Desgagnes	Zelada Desgagnes	04-Aug-22	Unknown Gull	7	Water	Yes	C	Other	
Desgagnes	Zelada Desgagnes	04-Aug-22	Unknown Gull	7	Water	Yes	C	Other	
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	4	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	4	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	4	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	4	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	4	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	4	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	8	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	8	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	8	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	8	Water	Yes	B	Other	

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	8	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	8	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	3	Both	Yes	B	Other	130
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	3	Both	Yes	B	Other	130
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	3	Both	Yes	B	Other	130
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	3	Both	Yes	B	Other	130
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	3	Both	Yes	B	Other	130
Desgagnes	Zelada Desgagnes	04-Aug-22	Northern Fulmar	3	Both	Yes	B	Other	130
Desgagnes	Zelada Desgagnes	04-Aug-22	Unknown Gull	8	Fly	Yes	D	Rafting	270
Desgagnes	Zelada Desgagnes	04-Aug-22	Unknown Gull	8	Fly	Yes	D	Rafting	270
Desgagnes	Zelada Desgagnes	04-Aug-22	Unknown Gull	8	Fly	Yes	D	Rafting	270
Desgagnes	Zelada Desgagnes	04-Aug-22	Unknown Gull	8	Fly	Yes	D	Rafting	270
Desgagnes	Zelada Desgagnes	04-Aug-22	Unknown Gull	8	Fly	Yes	D	Rafting	270
Desgagnes	Zelada Desgagnes	04-Aug-22	Unknown Gull	8	Fly	Yes	D	Rafting	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	4	Fly	Yes	C	Other	140
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	4	Fly	Yes	C	Other	140
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	4	Fly	Yes	C	Other	140
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	4	Fly	Yes	C	Other	140
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	4	Fly	Yes	C	Other	140
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	4	Fly	Yes	C	Other	140
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	5	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	5	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	5	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	5	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	5	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	5	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	5	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	3	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	3	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	3	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	3	Fly	Yes	C	Other	



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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	3	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	3	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	5	Fly	Yes	D	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	5	Fly	Yes	D	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	5	Fly	Yes	D	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	5	Fly	Yes	D	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	5	Fly	Yes	D	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	5	Fly	Yes	D	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	3	Fly	Yes	D	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	3	Fly	Yes	D	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	3	Fly	Yes	D	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	3	Fly	Yes	D	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	3	Fly	Yes	D	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	10	Both	Yes	C	Other	323
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	10	Both	Yes	C	Other	323
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	10	Both	Yes	C	Other	323
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	10	Both	Yes	C	Other	323
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	10	Both	Yes	C	Other	323
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	4	Both	Yes	B	Other	320
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	4	Both	Yes	B	Other	320
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	4	Both	Yes	B	Other	320
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	4	Both	Yes	B	Other	320
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	4	Both	Yes	B	Other	320
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	5	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	5	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	5	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	5	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	5	Fly	Yes	C	Other	
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Fly	Yes	A	Other	270

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Fly	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Fly	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Fly	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Fly	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Fly	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Fly	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Fly	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Fly	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Fly	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Fly	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	30	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	50	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	50	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	50	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	50	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	50	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	11-Sep-22	Northern Fulmar	50	Both	Yes	A	Other	270
Desgagnes	Claude A Desgagnes	12-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	
Desgagnes	Claude A Desgagnes	12-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	
Desgagnes	Claude A Desgagnes	12-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	
Desgagnes	Claude A Desgagnes	12-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	
Desgagnes	Claude A Desgagnes	12-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	
Desgagnes	Claude A Desgagnes	12-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	
Desgagnes	Claude A Desgagnes	12-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	300

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Claude A Desgagnes	12-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	300
Desgagnes	Claude A Desgagnes	12-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	300
Desgagnes	Claude A Desgagnes	12-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	300
Desgagnes	Claude A Desgagnes	12-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	300
Desgagnes	Claude A Desgagnes	12-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	300
Desgagnes	Claude A Desgagnes	12-Sep-22	Black Guillemot	1	Fly	Yes	C	Other	270
Desgagnes	Claude A Desgagnes	12-Sep-22	Black Guillemot	1	Fly	Yes	C	Other	270
Desgagnes	Claude A Desgagnes	12-Sep-22	Black Guillemot	1	Fly	Yes	C	Other	270
Desgagnes	Claude A Desgagnes	12-Sep-22	Black Guillemot	1	Fly	Yes	C	Other	270
Desgagnes	Claude A Desgagnes	12-Sep-22	Black Guillemot	1	Fly	Yes	C	Other	270
Desgagnes	Claude A Desgagnes	12-Sep-22	Black Guillemot	1	Fly	Yes	C	Other	270
Desgagnes	Claude A Desgagnes	15-Sep-22	Northern Fulmar	5	Fly	Yes	A	Other	
Desgagnes	Claude A Desgagnes	15-Sep-22	Northern Fulmar	5	Fly	Yes	A	Other	
Desgagnes	Claude A Desgagnes	15-Sep-22	Northern Fulmar	5	Fly	Yes	A	Other	
Desgagnes	Claude A Desgagnes	15-Sep-22	Northern Fulmar	5	Fly	Yes	A	Other	
Desgagnes	Claude A Desgagnes	15-Sep-22	Northern Fulmar	5	Fly	Yes	A	Other	
Desgagnes	Claude A Desgagnes	19-Sep-22	Northern Fulmar	1	Fly	Yes	B	Other	110
Desgagnes	Claude A Desgagnes	19-Sep-22	Northern Fulmar	1	Fly	Yes	B	Other	110
Desgagnes	Claude A Desgagnes	19-Sep-22	Northern Fulmar	1	Fly	Yes	B	Other	110
Desgagnes	Claude A Desgagnes	19-Sep-22	Northern Fulmar	1	Fly	Yes	B	Other	110
Desgagnes	Claude A Desgagnes	19-Sep-22	Northern Fulmar	1	Fly	Yes	B	Other	110
Desgagnes	Claude A Desgagnes	19-Sep-22	Northern Fulmar	1	Fly	Yes	B	Other	110
Desgagnes	Claude A Desgagnes	22-Sep-22	Northern Fulmar	4	Fly		D	Other	
Desgagnes	Claude A Desgagnes	22-Sep-22	Northern Fulmar	3	Fly		C	Other	
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	357
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	357
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	357
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	357
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	357
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	357
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	2	Fly	Yes	C	Other	169
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	2	Fly	Yes	C	Other	169
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	2	Fly	Yes	C	Other	169
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	2	Fly	Yes	C	Other	169
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	2	Fly	Yes	C	Other	169

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	2	Fly	Yes	C	Other	169
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	169
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	169
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	169
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	169
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	169
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	169
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	25	Fly	Yes	A	Other	90
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	25	Fly	Yes	A	Other	90
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	25	Fly	Yes	A	Other	90
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	25	Fly	Yes	A	Other	90
Desgagnes	Sedna Desgagnes	01-Sep-22	Northern Fulmar	25	Fly	Yes	A	Other	90
Desgagnes	Sedna Desgagnes	02-Sep-22	Northern Fulmar	2	Fly	Yes	C	Other	307
Desgagnes	Sedna Desgagnes	02-Sep-22	Northern Fulmar	2	Fly	Yes	C	Other	307
Desgagnes	Sedna Desgagnes	02-Sep-22	Northern Fulmar	2	Fly	Yes	C	Other	307
Desgagnes	Sedna Desgagnes	02-Sep-22	Northern Fulmar	2	Fly	Yes	C	Other	307
Desgagnes	Sedna Desgagnes	02-Sep-22	Northern Fulmar	2	Fly	Yes	C	Other	307
Desgagnes	Sedna Desgagnes	02-Sep-22	Northern Fulmar	2	Fly	Yes	C	Other	307
Desgagnes	Sedna Desgagnes	03-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	253
Desgagnes	Sedna Desgagnes	03-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	253
Desgagnes	Sedna Desgagnes	03-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	253
Desgagnes	Sedna Desgagnes	03-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	253
Desgagnes	Sedna Desgagnes	03-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	253
Desgagnes	Sedna Desgagnes	03-Sep-22	Northern Fulmar	10	Fly	No	A	Other	
Desgagnes	Sedna Desgagnes	03-Sep-22	Northern Fulmar	10	Fly	No	A	Other	
Desgagnes	Sedna Desgagnes	03-Sep-22	Northern Fulmar	10	Fly	No	A	Other	
Desgagnes	Sedna Desgagnes	03-Sep-22	Northern Fulmar	10	Fly	No	A	Other	
Desgagnes	Sedna Desgagnes	03-Sep-22	Northern Fulmar	10	Fly	No	A	Other	
Desgagnes	Sedna Desgagnes	03-Sep-22	Northern Fulmar	10	Fly	No	A	Other	
Desgagnes	Sedna Desgagnes	06-Sep-22	Northern Fulmar	2	Fly	Yes	B	Other	140
Desgagnes	Sedna Desgagnes	06-Sep-22	Northern Fulmar	2	Fly	Yes	B	Other	140
Desgagnes	Sedna Desgagnes	06-Sep-22	Northern Fulmar	2	Fly	Yes	B	Other	140
Desgagnes	Sedna Desgagnes	06-Sep-22	Northern Fulmar	2	Fly	Yes	B	Other	140
Desgagnes	Sedna Desgagnes	06-Sep-22	Northern Fulmar	2	Fly	Yes	B	Other	140

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Sedna Desgagnes	06-Sep-22	Northern Fulmar	2	Fly	Yes	B	Other	140
Desgagnes	Sedna Desgagnes	06-Sep-22	Herring Gull	1	Water	Yes	A	Escape Flight	226
Desgagnes	Sedna Desgagnes	06-Sep-22	Herring Gull	1	Water	Yes	A	Escape Flight	226
Desgagnes	Sedna Desgagnes	06-Sep-22	Herring Gull	1	Water	Yes	A	Escape Flight	226
Desgagnes	Sedna Desgagnes	06-Sep-22	Herring Gull	1	Water	Yes	A	Escape Flight	226
Desgagnes	Sedna Desgagnes	06-Sep-22	Herring Gull	1	Water	Yes	A	Escape Flight	226
Desgagnes	Sedna Desgagnes	06-Sep-22	Herring Gull	1	Water	Yes	A	Escape Flight	226
Desgagnes	Sedna Desgagnes	07-Sep-22	Glaucous Gull	1	Fly	Yes	A	Other	25
Desgagnes	Sedna Desgagnes	07-Sep-22	Glaucous Gull	1	Fly	Yes	A	Other	25
Desgagnes	Sedna Desgagnes	07-Sep-22	Glaucous Gull	1	Fly	Yes	A	Other	25
Desgagnes	Sedna Desgagnes	07-Sep-22	Glaucous Gull	1	Fly	Yes	A	Other	25
Desgagnes	Sedna Desgagnes	07-Sep-22	Glaucous Gull	1	Fly	Yes	A	Other	25
Desgagnes	Sedna Desgagnes	16-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	345
Desgagnes	Sedna Desgagnes	16-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	345
Desgagnes	Sedna Desgagnes	16-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	345
Desgagnes	Sedna Desgagnes	16-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	345
Desgagnes	Sedna Desgagnes	16-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	345
	Atlantic Beech	21-Sep-22	Iceland Gull	1	Fly		C	Other	
	Atlantic Beech	27-Aug-22	Unknown Gull		Water		A	Other	
	Atlantic Beech	22-Aug-22	Herring Gull	1	Fly		C	Other	
	Atlantic Beech	20-Aug-22	Herring Gull	2	Both		A	Other	
	Atlantic Beech	19-Aug-22	Unknown Gull	1	Fly		C	Other	
	Atlantic Beech	16-Aug-22	Unknown Gull		Water		A	Other	
	Atlantic Beech	08-Aug-22	Herring Gull	1	Water		B	Other	
	Atlantic Beech	24-Oct-22	Iceland Gull		Fly		A	Other	
	Atlantic Beech	24-Oct-22	Herring Gull	5	Fly		A	Other	
	Atlantic Beech	23-Oct-22	Herring Gull	1	Fly		E	Other	
	Atlantic Beech	22-Oct-22	Iceland Gull	1	Fly		A	Other	
	Atlantic Beech	22-Oct-22	Wilson's Storm-petrel	1	Fly		A		
	Atlantic Beech	20-Oct-22	Northern Fulmar	3	Fly		C	Other	
	Atlantic Beech	17-Oct-22	Dovekie	12	Fly		C	Other	
	Atlantic Beech	16-Oct-22	Northern Fulmar	5	Fly		C	Other	
Atlantic Towing	Atlantic Elm	16-Oct-22	Razorbill	3	Fly	Yes	A	Escape Flight	150
Atlantic Towing	Atlantic Elm	16-Oct-22	Northern Fulmar	4	Fly	Yes	A	Other	



## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Atlantic Towing	Atlantic Elm	16-Oct-22	Thick-billed Murre	5	Fly	Yes	A	Other	110
Atlantic Towing	Atlantic Elm	15-Oct-22	Unknown Gull	1	Fly	Yes	A	Other	80
Atlantic Towing	Atlantic Elm	17-Oct-22	Northern Fulmar	2	Both		A	Other	
DTI	Miena Desgagnes	03-Aug-22	Unknown Gull	18	Fly		A	Other	0
DTI	Miena Desgagnes	03-Aug-22	Unknown Gull	18	Fly		A	Other	0
DTI	Miena Desgagnes	03-Aug-22	Unknown Gull	18	Fly		A	Other	0
DTI	Miena Desgagnes	03-Aug-22	Unknown Gull	18	Fly		A	Other	0
DTI	Miena Desgagnes	03-Aug-22	Unknown Gull	18	Fly		A	Other	0
DTI	Miena Desgagnes	03-Aug-22	Northern Fulmar	30	Fly	Yes	A	Other	0
DTI	Miena Desgagnes	03-Aug-22	Northern Fulmar	30	Fly	Yes	A	Other	0
DTI	Miena Desgagnes	03-Aug-22	Northern Fulmar	30	Fly	Yes	A	Other	0
DTI	Miena Desgagnes	03-Aug-22	Northern Fulmar	30	Fly	Yes	A	Other	0
DTI	Miena Desgagnes	03-Aug-22	Northern Fulmar	30	Fly	Yes	A	Other	0
DTI	Miena Desgagnes	03-Aug-22	Northern Fulmar	30	Fly	Yes	A	Other	0
DTI	Miena Desgagnes	03-Aug-22	Northern Fulmar	1	Fly	Yes	A	Other	0
DTI	Miena Desgagnes	03-Aug-22	Northern Fulmar	1	Fly	Yes	A	Other	0
DTI	Miena Desgagnes	03-Aug-22	Northern Fulmar	1	Fly	Yes	A	Other	0
DTI	Miena Desgagnes	03-Aug-22	Northern Fulmar	1	Fly	Yes	A	Other	0
DTI	Miena Desgagnes	03-Aug-22	Northern Fulmar	1	Fly	Yes	A	Other	0
DTI	Miena Desgagnes	03-Aug-22	Northern Fulmar	1	Fly	Yes	A	Other	0
DTI	Miena Desgagnes	03-Aug-22	Unknown Murre	5	Fly	Yes	B	Escape Flight	90
DTI	Miena Desgagnes	03-Aug-22	Unknown Murre	5	Fly	Yes	B	Escape Flight	90
DTI	Miena Desgagnes	03-Aug-22	Unknown Murre	5	Fly	Yes	B	Escape Flight	90
DTI	Miena Desgagnes	03-Aug-22	Unknown Murre	5	Fly	Yes	B	Escape Flight	90
DTI	Miena Desgagnes	03-Aug-22	Unknown Murre	5	Fly	Yes	B	Escape Flight	90
DTI	Miena Desgagnes	03-Aug-22	Unknown Murre	5	Fly	Yes	B	Escape Flight	90
DTI	Miena Desgagnes	05-Aug-22	Unknown Murre	1	Water	Yes	B		
DTI	Miena Desgagnes	05-Aug-22	Unknown Murre	1	Water	Yes	B		
DTI	Miena Desgagnes	05-Aug-22	Unknown Murre	1	Water	Yes	B		
DTI	Miena Desgagnes	05-Aug-22	Unknown Murre	1	Water	Yes	B		
DTI	Miena Desgagnes	05-Aug-22	Unknown Murre	1	Water	Yes	B		
DTI	Miena Desgagnes	05-Aug-22	Unknown Murre	1	Water	Yes	B		
DTI	Miena Desgagnes	05-Aug-22	Common Murre	1	Fly	Yes	B		90
DTI	Miena Desgagnes	05-Aug-22	Common Murre	1	Fly	Yes	B		90
DTI	Miena Desgagnes	05-Aug-22	Common Murre	1	Fly	Yes	B		90

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
DTI	Miena Desgagnes	05-Aug-22	Common Murre	1	Fly	Yes	B		90
DTI	Miena Desgagnes	05-Aug-22	Common Murre	1	Fly	Yes	B		90
DTI	Miena Desgagnes	05-Aug-22	Common Murre	1	Fly	Yes	B		90
DTI	Miena Desgagnes	05-Aug-22	Common Murre	4	Fly	Yes	B	Other	90
DTI	Miena Desgagnes	05-Aug-22	Common Murre	4	Fly	Yes	B	Other	90
DTI	Miena Desgagnes	05-Aug-22	Common Murre	4	Fly	Yes	B	Other	90
DTI	Miena Desgagnes	05-Aug-22	Common Murre	4	Fly	Yes	B	Other	90
DTI	Miena Desgagnes	05-Aug-22	Common Murre	4	Fly	Yes	B	Other	90
DTI	Miena Desgagnes	05-Aug-22	Common Murre	4	Fly	Yes	B	Other	90
DTI	Miena Desgagnes	05-Aug-22	Common Murre	2	Water		A	Escape Flight	55
DTI	Miena Desgagnes	05-Aug-22	Common Murre	2	Water		A	Escape Flight	55
DTI	Miena Desgagnes	05-Aug-22	Common Murre	2	Water		A	Escape Flight	55
DTI	Miena Desgagnes	05-Aug-22	Common Murre	2	Water		A	Escape Flight	55
DTI	Miena Desgagnes	05-Aug-22	Common Murre	2	Water		A	Escape Flight	55
DTI	Miena Desgagnes	05-Aug-22	Common Murre	2	Water		A	Escape Flight	55
DTI	Miena Desgagnes	06-Aug-22	Black Guillemot	20	Water	No	C	Other	
DTI	Miena Desgagnes	06-Aug-22	Northern Fulmar	6	Fly	No	E	Other	90
DTI	Miena Desgagnes	07-Aug-22	Black Guillemot	28	Water	No	D	Other	
DTI	Miena Desgagnes	07-Aug-22	Northern Fulmar	2	Water	No	D	Other	
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	4	Fly		E		20
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	4	Fly		E		20
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	4	Fly		E		20
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	4	Fly		E		20
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	4	Fly		E		20
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	4	Fly		E		20
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	5	Fly	Yes	B		10
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	5	Fly	Yes	B		10
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	5	Fly	Yes	B		10
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	5	Fly	Yes	B		10
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	5	Fly	Yes	B		10
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	5	Fly	Yes	B		10
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	9	Both		D	Other	
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	9	Both		D	Other	
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	9	Both		D	Other	
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	9	Both		D	Other	
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	9	Both		D	Other	

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	9	Both		D	Other	
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	1	Water	Yes	C	Rafting	
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	1	Water	Yes	C	Rafting	
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	1	Water	Yes	C	Rafting	
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	1	Water	Yes	C	Rafting	
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	1	Water	Yes	C	Rafting	
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	1	Water	Yes	C	Rafting	
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	1	Water		D	Rafting	
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	1	Water		D	Rafting	
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	1	Water		D	Rafting	
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	1	Water		D	Rafting	
DTI	Miena Desgagnes	08-Aug-22	Black Guillemot	1	Water		D	Rafting	
DTI	Miena Desgagnes	09-Aug-22	Unknown Gull	1	Water	No	C		
DTI	Miena Desgagnes	10-Aug-22	Herring Gull	3	Fly	No	E		90
DTI	Miena Desgagnes	10-Aug-22	Unknown Duck	6	Fly	No	E		90
DTI	Miena Desgagnes	11-Aug-22	Herring Gull	1	Fly	No	A	Other	230
DTI	Miena Desgagnes	12-Aug-22	Herring Gull	1	Fly	No	A	Other	270
DTI	Miena Desgagnes	16-Aug-22	Unknown Gull	2	Fly	Yes	B	Other	70
DTI	Miena Desgagnes	16-Aug-22	Unknown Gull	2	Fly	Yes	B	Other	70
DTI	Miena Desgagnes	16-Aug-22	Unknown Gull	2	Fly	Yes	B	Other	70
DTI	Miena Desgagnes	16-Aug-22	Unknown Gull	2	Fly	Yes	B	Other	70
DTI	Miena Desgagnes	16-Aug-22	Unknown Gull	2	Fly	Yes	B	Other	70
DTI	Miena Desgagnes	16-Aug-22	Unknown Gull	2	Fly	Yes	B	Other	70
DTI	Miena Desgagnes	17-Aug-22	Unknown Gull	1	Fly		C	Other	45
DTI	Miena Desgagnes	17-Aug-22	Unknown Gull	1	Fly		C	Other	45
DTI	Miena Desgagnes	17-Aug-22	Unknown Gull	1	Fly		C	Other	45
DTI	Miena Desgagnes	17-Aug-22	Unknown Gull	1	Fly		C	Other	45
DTI	Miena Desgagnes	17-Aug-22	Unknown Gull	1	Fly		C	Other	45
DTI	Miena Desgagnes	17-Aug-22	Unknown Gull	1	Fly	Yes	B		80
DTI	Miena Desgagnes	17-Aug-22	Unknown Gull	1	Fly	Yes	B		80
DTI	Miena Desgagnes	17-Aug-22	Unknown Gull	1	Fly	Yes	B		80
DTI	Miena Desgagnes	17-Aug-22	Unknown Gull	1	Fly	Yes	B		80
DTI	Miena Desgagnes	17-Aug-22	Unknown Gull	1	Fly	Yes	B		80
DTI	Miena Desgagnes	17-Aug-22	Unknown Gull	1	Fly	Yes	B		80

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
DTI	Miena Desgagnes	18-Aug-22	Unknown Gull	1	Fly	Yes	C	Other	160
DTI	Miena Desgagnes	18-Aug-22	Unknown Gull	1	Fly	Yes	C	Other	160
DTI	Miena Desgagnes	18-Aug-22	Unknown Gull	1	Fly	Yes	C	Other	160
DTI	Miena Desgagnes	18-Aug-22	Unknown Gull	1	Fly	Yes	C	Other	160
DTI	Miena Desgagnes	18-Aug-22	Unknown Gull	1	Fly	Yes	C	Other	160
DTI	Miena Desgagnes	18-Aug-22	Unknown Gull	1	Fly	Yes	C	Other	160
DTI	Miena Desgagnes	18-Aug-22	Unknown Duck	3	Water	Yes	B	Other	
DTI	Miena Desgagnes	18-Aug-22	Unknown Duck	3	Water	Yes	B	Other	
DTI	Miena Desgagnes	18-Aug-22	Unknown Duck	3	Water	Yes	B	Other	
DTI	Miena Desgagnes	18-Aug-22	Unknown Duck	3	Water	Yes	B	Other	
DTI	Miena Desgagnes	18-Aug-22	Unknown Duck	3	Water	Yes	B	Other	
DTI	Miena Desgagnes	18-Aug-22	Unknown Duck	3	Water	Yes	B	Other	
DTI	Miena Desgagnes	18-Aug-22	Black Guillemot	3	Water	Yes	B	Other	80
DTI	Miena Desgagnes	18-Aug-22	Black Guillemot	3	Water	Yes	B	Other	80
DTI	Miena Desgagnes	18-Aug-22	Black Guillemot	3	Water	Yes	B	Other	80
DTI	Miena Desgagnes	18-Aug-22	Black Guillemot	3	Water	Yes	B	Other	80
DTI	Miena Desgagnes	18-Aug-22	Black Guillemot	3	Water	Yes	B	Other	80
DTI	Miena Desgagnes	18-Aug-22	Black Guillemot	4	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	18-Aug-22	Black Guillemot	4	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	18-Aug-22	Black Guillemot	4	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	18-Aug-22	Black Guillemot	4	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	18-Aug-22	Black Guillemot	4	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	18-Aug-22	Black Guillemot	4	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	18-Aug-22	Unknown Gull	1	Fly	Yes	C		0
DTI	Miena Desgagnes	18-Aug-22	Unknown Gull	1	Fly	Yes	C		0
DTI	Miena Desgagnes	18-Aug-22	Unknown Gull	1	Fly	Yes	C		0
DTI	Miena Desgagnes	18-Aug-22	Unknown Gull	1	Fly	Yes	C		0
DTI	Miena Desgagnes	18-Aug-22	Unknown Gull	1	Fly	Yes	C		0
DTI	Miena Desgagnes	18-Aug-22	Unknown Gull	1	Fly	Yes	C		0
DTI	Miena Desgagnes	18-Aug-22	Black Guillemot	4	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	18-Aug-22	Black Guillemot	4	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	18-Aug-22	Black Guillemot	4	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	18-Aug-22	Black Guillemot	4	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	18-Aug-22	Black Guillemot	4	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	18-Aug-22	Black Guillemot	4	Water	Yes	B	Rafting	

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
DTI	Miena Desgagnes	03-Sep-22	Unknown Gull	1	Fly	Yes	C	Other	70
DTI	Miena Desgagnes	03-Sep-22	Unknown Gull	1	Fly	Yes	C	Other	70
DTI	Miena Desgagnes	03-Sep-22	Unknown Gull	1	Fly	Yes	C	Other	70
DTI	Miena Desgagnes	03-Sep-22	Unknown Gull	1	Fly	Yes	C	Other	70
DTI	Miena Desgagnes	03-Sep-22	Unknown Gull	1	Fly	Yes	C	Other	70
DTI	Miena Desgagnes	03-Sep-22	Unknown Gull	1	Fly	Yes	C	Other	70
DTI	Miena Desgagnes	03-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	30
DTI	Miena Desgagnes	03-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	30
DTI	Miena Desgagnes	03-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	30
DTI	Miena Desgagnes	03-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	30
DTI	Miena Desgagnes	03-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	30
DTI	Miena Desgagnes	03-Sep-22	Northern Fulmar	1	Fly	Yes	A	Other	30
DTI	Miena Desgagnes	03-Sep-22	Common Murre	6	Fly	Yes	C	Other	170
DTI	Miena Desgagnes	03-Sep-22	Common Murre	6	Fly	Yes	C	Other	170
DTI	Miena Desgagnes	03-Sep-22	Common Murre	6	Fly	Yes	C	Other	170
DTI	Miena Desgagnes	03-Sep-22	Common Murre	6	Fly	Yes	C	Other	170
DTI	Miena Desgagnes	03-Sep-22	Common Murre	6	Fly	Yes	C	Other	170
DTI	Miena Desgagnes	04-Sep-22	Unknown Gull	1	Fly	Yes	B	Other	40
DTI	Miena Desgagnes	04-Sep-22	Unknown Gull	1	Fly	Yes	B	Other	40
DTI	Miena Desgagnes	04-Sep-22	Unknown Gull	1	Fly	Yes	B	Other	40
DTI	Miena Desgagnes	04-Sep-22	Unknown Gull	1	Fly	Yes	B	Other	40
DTI	Miena Desgagnes	04-Sep-22	Unknown Gull	1	Fly	Yes	B	Other	40
DTI	Miena Desgagnes	04-Sep-22	Unknown Gull	1	Fly	Yes	B	Other	40
DTI	Miena Desgagnes	04-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	170
DTI	Miena Desgagnes	04-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	170
DTI	Miena Desgagnes	04-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	170
DTI	Miena Desgagnes	04-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	170
DTI	Miena Desgagnes	04-Sep-22	Northern Fulmar	1	Fly	Yes	C	Other	170
DTI	Miena Desgagnes	05-Sep-22	Black Guillemot	3	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	05-Sep-22	Black Guillemot	3	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	05-Sep-22	Black Guillemot	3	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	05-Sep-22	Black Guillemot	3	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	05-Sep-22	Black Guillemot	3	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	05-Sep-22	Black Guillemot	3	Water	Yes	B	Rafting	

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
DTI	Miena Desgagnes	08-Sep-22	Snow Goose	60	Fly	No	C	Other	220
DTI	Miena Desgagnes	08-Sep-22	Herring Gull	2	Fly	No	B		
DTI	Miena Desgagnes	09-Sep-22	Snow Goose	60	Fly	No	D	Other	180
DTI	Miena Desgagnes	09-Sep-22	Herring Gull	1	Water	No	B	Other	
DTI	Miena Desgagnes	11-Sep-22	Snow Goose	60	Fly	No	E	Other	190
DTI	Miena Desgagnes	15-Sep-22	Unknown Gull	1	Fly	Yes	E	Other	70
DTI	Miena Desgagnes	15-Sep-22	Unknown Gull	1	Fly	Yes	E	Other	70
DTI	Miena Desgagnes	15-Sep-22	Unknown Gull	1	Fly	Yes	E	Other	70
DTI	Miena Desgagnes	15-Sep-22	Unknown Gull	1	Fly	Yes	E	Other	70
DTI	Miena Desgagnes	15-Sep-22	Unknown Gull	1	Fly	Yes	E	Other	70
DTI	Miena Desgagnes	15-Sep-22	Glaucous Gull	1	Fly	Yes	B	Other	0
DTI	Miena Desgagnes	15-Sep-22	Glaucous Gull	1	Fly	Yes	B	Other	0
DTI	Miena Desgagnes	15-Sep-22	Glaucous Gull	1	Fly	Yes	B	Other	0
DTI	Miena Desgagnes	15-Sep-22	Glaucous Gull	1	Fly	Yes	B	Other	0
DTI	Miena Desgagnes	15-Sep-22	Glaucous Gull	1	Fly	Yes	B	Other	0
DTI	Miena Desgagnes	15-Sep-22	Unknown Gull	2	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	15-Sep-22	Unknown Gull	2	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	15-Sep-22	Unknown Gull	2	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	15-Sep-22	Unknown Gull	2	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	15-Sep-22	Unknown Gull	2	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	15-Sep-22	Unknown Gull	2	Water	Yes	B	Rafting	
DTI	Miena Desgagnes	15-Sep-22	Snow Goose	15	Fly	Yes	E		45
DTI	Miena Desgagnes	15-Sep-22	Snow Goose	15	Fly	Yes	E		45
DTI	Miena Desgagnes	15-Sep-22	Snow Goose	15	Fly	Yes	E		45
DTI	Miena Desgagnes	15-Sep-22	Snow Goose	15	Fly	Yes	E		45
DTI	Miena Desgagnes	15-Sep-22	Snow Goose	15	Fly	Yes	E		45
DTI	Miena Desgagnes	15-Sep-22	Snow Goose	15	Fly	Yes	E		45
DTI	Miena Desgagnes	15-Sep-22	Black Guillemot	12	Water	Yes	E	Rafting	
DTI	Miena Desgagnes	15-Sep-22	Black Guillemot	12	Water	Yes	E	Rafting	
DTI	Miena Desgagnes	15-Sep-22	Black Guillemot	12	Water	Yes	E	Rafting	
DTI	Miena Desgagnes	15-Sep-22	Black Guillemot	12	Water	Yes	E	Rafting	
DTI	Miena Desgagnes	15-Sep-22	Black Guillemot	12	Water	Yes	E	Rafting	
DTI	Miena Desgagnes	15-Sep-22	Black Guillemot	12	Water	Yes	E	Rafting	
DTI	Miena Desgagnes	03-Sep-22	Unknown Gull	1	Fly	Yes	B	Other	



## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
DTI	Miena Desgagnes	03-Sep-22	Unknown Gull	1	Fly	Yes	B	Other	
DTI	Miena Desgagnes	03-Sep-22	Unknown Gull	1	Fly	Yes	B	Other	
DTI	Miena Desgagnes	03-Sep-22	Unknown Gull	1	Fly	Yes	B	Other	
DTI	Miena Desgagnes	03-Sep-22	Unknown Gull	1	Fly	Yes	B	Other	
DTI	Miena Desgagnes	03-Sep-22	Unknown Gull	1	Fly	Yes	B	Other	
DTI	Miena Desgagnes	04-Oct-22	Herring Gull	2	Fly	Yes	C	Other	
DTI	Miena Desgagnes	04-Oct-22	Herring Gull	2	Fly	Yes	C	Other	
DTI	Miena Desgagnes	04-Oct-22	Herring Gull	2	Fly	Yes	C	Other	
DTI	Miena Desgagnes	04-Oct-22	Herring Gull	2	Fly	Yes	C	Other	
DTI	Miena Desgagnes	04-Oct-22	Herring Gull	2	Fly	Yes	C	Other	
DTI	Miena Desgagnes	04-Oct-22	Herring Gull	2	Fly	Yes	C	Other	
DTI	Miena Desgagnes	08-Oct-22	Unknown Duck	11	Water	Yes	C	Rafting	
DTI	Miena Desgagnes	08-Oct-22	Unknown Duck	11	Water	Yes	C	Rafting	
DTI	Miena Desgagnes	08-Oct-22	Unknown Duck	11	Water	Yes	C	Rafting	
DTI	Miena Desgagnes	08-Oct-22	Unknown Duck	11	Water	Yes	C	Rafting	
DTI	Miena Desgagnes	08-Oct-22	Unknown Duck	11	Water	Yes	C	Rafting	
DTI	Miena Desgagnes	13-Oct-22	Black Guillemot	6	Fly	Yes	B	Other	270
DTI	Miena Desgagnes	13-Oct-22	Black Guillemot	6	Fly	Yes	B	Other	270
DTI	Miena Desgagnes	13-Oct-22	Black Guillemot	6	Fly	Yes	B	Other	270
DTI	Miena Desgagnes	13-Oct-22	Black Guillemot	6	Fly	Yes	B	Other	270
DTI	Miena Desgagnes	13-Oct-22	Black Guillemot	6	Fly	Yes	B	Other	270
DTI	Miena Desgagnes	13-Oct-22	Black Guillemot	6	Fly	Yes	B	Other	270
DTI	Miena Desgagnes	15-Oct-22	Herring Gull	2	Fly	No	C	Other	180
DTI	Miena Desgagnes	17-Oct-22	Black Scoter	8	Water	No	C	Other	
DTI	Miena Desgagnes	22-Oct-22	Glaucous Gull	1	Fly	Yes	C		20
DTI	Miena Desgagnes	22-Oct-22	Glaucous Gull	1	Fly	Yes	C		20
DTI	Miena Desgagnes	22-Oct-22	Glaucous Gull	1	Fly	Yes	C		20
DTI	Miena Desgagnes	22-Oct-22	Glaucous Gull	1	Fly	Yes	C		20
DTI	Miena Desgagnes	22-Oct-22	Glaucous Gull	1	Fly	Yes	C		20
DTI	Miena Desgagnes	22-Oct-22	Glaucous Gull	1	Fly	Yes	C		20
DTI	Miena Desgagnes	23-Oct-22	Unknown Gull	1	Fly	Yes	C		30
DTI	Miena Desgagnes	23-Oct-22	Unknown Gull	1	Fly	Yes	C		30
DTI	Miena Desgagnes	23-Oct-22	Unknown Gull	1	Fly	Yes	C		30
DTI	Miena Desgagnes	23-Oct-22	Unknown Gull	1	Fly	Yes	C		30
DTI	Miena Desgagnes	23-Oct-22	Unknown Gull	1	Fly	Yes	C		30

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
DTI	Miena Desgagnes	23-Oct-22	Unknown Gull	1	Fly	Yes	C		30
DTI	Miena Desgagnes	23-Oct-22	Glaucous Gull	1	Fly	Yes	C		130
DTI	Miena Desgagnes	23-Oct-22	Glaucous Gull	1	Fly	Yes	C		130
DTI	Miena Desgagnes	23-Oct-22	Glaucous Gull	1	Fly	Yes	C		130
DTI	Miena Desgagnes	23-Oct-22	Glaucous Gull	1	Fly	Yes	C		130
DTI	Miena Desgagnes	23-Oct-22	Glaucous Gull	1	Fly	Yes	C		130
DTI	Miena Desgagnes	23-Oct-22	Glaucous Gull	1	Fly	Yes	C		130
Desgagnes	Nordika Desgagnes	12-Aug-22	Northern Fulmar	1	Fly		B	Other	290
Desgagnes	Nordika Desgagnes	12-Aug-22	Northern Fulmar	1	Fly		B	Other	290
Desgagnes	Nordika Desgagnes	12-Aug-22	Northern Fulmar	1	Fly		B	Other	290
Desgagnes	Nordika Desgagnes	12-Aug-22	Northern Fulmar	1	Fly		B	Other	290
Desgagnes	Nordika Desgagnes	12-Aug-22	Northern Fulmar	1	Fly		B	Other	290
Desgagnes	Nordika Desgagnes	12-Aug-22	Northern Fulmar	1	Fly		B	Other	290
Desgagnes	Nordika Desgagnes	12-Aug-22	Northern Fulmar	1	Fly		A	Other	0
Desgagnes	Nordika Desgagnes	12-Aug-22	Northern Fulmar	1	Fly		A	Other	0
Desgagnes	Nordika Desgagnes	12-Aug-22	Northern Fulmar	1	Fly		A	Other	0
Desgagnes	Nordika Desgagnes	12-Aug-22	Northern Fulmar	1	Fly		A	Other	0
Desgagnes	Nordika Desgagnes	12-Aug-22	Northern Fulmar	1	Fly		A	Other	0
Desgagnes	Nordika Desgagnes	12-Aug-22	Northern Fulmar	1	Fly		A	Other	0
Desgagnes	Nordika Desgagnes	12-Aug-22	Northern Fulmar	1	Fly		A	Other	0
Desgagnes	Nordika Desgagnes	12-Aug-22	Northern Fulmar	1	Fly		A	Other	282
Desgagnes	Nordika Desgagnes	12-Aug-22	Northern Fulmar	1	Fly		A	Other	282
Desgagnes	Nordika Desgagnes	12-Aug-22	Northern Fulmar	1	Fly		A	Other	282
Desgagnes	Nordika Desgagnes	12-Aug-22	Northern Fulmar	1	Fly		A	Other	282
Desgagnes	Nordika Desgagnes	12-Aug-22	Northern Fulmar	1	Fly		A	Other	282
Desgagnes	Nordika Desgagnes	12-Aug-22	Northern Fulmar	1	Fly		A	Other	282
Desgagnes	Nordika Desgagnes	13-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	5
Desgagnes	Nordika Desgagnes	13-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	5
Desgagnes	Nordika Desgagnes	13-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	5
Desgagnes	Nordika Desgagnes	13-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	5
Desgagnes	Nordika Desgagnes	13-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	5
Desgagnes	Nordika Desgagnes	13-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	5
Desgagnes	Nordika Desgagnes	13-Aug-22	Great Skua	1	Water	Yes	A	Rafting	
Desgagnes	Nordika Desgagnes	13-Aug-22	Great Skua	1	Water	Yes	A	Rafting	
Desgagnes	Nordika Desgagnes	13-Aug-22	Great Skua	1	Water	Yes	A	Rafting	
Desgagnes	Nordika Desgagnes	13-Aug-22	Great Skua	1	Water	Yes	A	Rafting	
Desgagnes	Nordika Desgagnes	13-Aug-22	Great Skua	1	Water	Yes	A	Rafting	

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Nordika Desgagnes	13-Aug-22	Great Skua	1	Water	Yes	A	Rafting	
Desgagnes	Nordika Desgagnes	14-Aug-22	Great Skua	1	Fly		A	Other	270
Desgagnes	Nordika Desgagnes	14-Aug-22	Great Skua	1	Fly		A	Other	270
Desgagnes	Nordika Desgagnes	14-Aug-22	Great Skua	1	Fly		A	Other	270
Desgagnes	Nordika Desgagnes	14-Aug-22	Great Skua	1	Fly		A	Other	270
Desgagnes	Nordika Desgagnes	14-Aug-22	Great Skua	1	Fly		A	Other	270
Desgagnes	Nordika Desgagnes	14-Aug-22	Great Skua	1	Fly		A	Other	270
Desgagnes	Nordika Desgagnes	15-Aug-22	Unknown Gull	1	Water		E		
Desgagnes	Nordika Desgagnes	15-Aug-22	Unknown Gull	1	Water		E		
Desgagnes	Nordika Desgagnes	15-Aug-22	Unknown Gull	1	Water		E		
Desgagnes	Nordika Desgagnes	15-Aug-22	Unknown Gull	1	Water		E		
Desgagnes	Nordika Desgagnes	15-Aug-22	Unknown Gull	1	Water		E		
Desgagnes	Nordika Desgagnes	15-Aug-22	Unknown Gull	11	Fly		D		270
Desgagnes	Nordika Desgagnes	15-Aug-22	Unknown Gull	11	Fly		D		270
Desgagnes	Nordika Desgagnes	15-Aug-22	Unknown Gull	11	Fly		D		270
Desgagnes	Nordika Desgagnes	15-Aug-22	Unknown Gull	11	Fly		D		270
Desgagnes	Nordika Desgagnes	15-Aug-22	Unknown Gull	11	Fly		D		270
Desgagnes	Nordika Desgagnes	15-Aug-22	Unknown Gull	11	Fly		D		270
Desgagnes	Nordika Desgagnes	15-Aug-22	Northern Fulmar	20	Both		A	Escape Flight	315
Desgagnes	Nordika Desgagnes	15-Aug-22	Northern Fulmar	20	Both		A	Escape Flight	315
Desgagnes	Nordika Desgagnes	15-Aug-22	Northern Fulmar	20	Both		A	Escape Flight	315
Desgagnes	Nordika Desgagnes	15-Aug-22	Northern Fulmar	20	Both		A	Escape Flight	315
Desgagnes	Nordika Desgagnes	15-Aug-22	Northern Fulmar	20	Both		A	Escape Flight	315
Desgagnes	Nordika Desgagnes	15-Aug-22	Northern Fulmar	20	Both		A	Escape Flight	315
Desgagnes	Nordika Desgagnes	15-Aug-22	Northern Fulmar	1	Fly		B	Other	90
Desgagnes	Nordika Desgagnes	15-Aug-22	Northern Fulmar	1	Fly		B	Other	90
Desgagnes	Nordika Desgagnes	15-Aug-22	Northern Fulmar	1	Fly		B	Other	90
Desgagnes	Nordika Desgagnes	15-Aug-22	Northern Fulmar	1	Fly		B	Other	90
Desgagnes	Nordika Desgagnes	15-Aug-22	Northern Fulmar	1	Fly		B	Other	90
Desgagnes	Nordika Desgagnes	15-Aug-22	Northern Fulmar	1	Fly		B	Other	90
Desgagnes	Nordika Desgagnes	27-Aug-22	Razorbill	3	Fly		A	Escape Flight	180
Desgagnes	Nordika Desgagnes	27-Aug-22	Razorbill	3	Fly		A	Escape Flight	180
Desgagnes	Nordika Desgagnes	27-Aug-22	Razorbill	3	Fly		A	Escape Flight	180
Desgagnes	Nordika Desgagnes	27-Aug-22	Razorbill	3	Fly		A	Escape Flight	180
Desgagnes	Nordika Desgagnes	27-Aug-22	Razorbill	3	Fly		A	Escape Flight	180



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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Nordika Desgagnes	28-Aug-22	Northern Fulmar	1	Fly		B	Other	0
Desgagnes	Nordika Desgagnes	28-Aug-22	Northern Fulmar	1	Fly		B	Other	90
Desgagnes	Nordika Desgagnes	28-Aug-22	Northern Fulmar	1	Fly		B	Other	90
Desgagnes	Nordika Desgagnes	28-Aug-22	Northern Fulmar	1	Fly		B	Other	90
Desgagnes	Nordika Desgagnes	28-Aug-22	Northern Fulmar	1	Fly		B	Other	90
Desgagnes	Nordika Desgagnes	28-Aug-22	Northern Fulmar	1	Fly		B	Other	90
Desgagnes	Nordika Desgagnes	28-Aug-22	Northern Fulmar	1	Fly		B	Other	90
Desgagnes	Nordika Desgagnes	15-Sep-22	Northern Fulmar	20	Both	Yes	A	Rafting	
Desgagnes	Nordika Desgagnes	15-Sep-22	Northern Fulmar	20	Both	Yes	A	Rafting	
Desgagnes	Nordika Desgagnes	15-Sep-22	Northern Fulmar	20	Both	Yes	A	Rafting	
Desgagnes	Nordika Desgagnes	15-Sep-22	Northern Fulmar	20	Both	Yes	A	Rafting	
Desgagnes	Nordika Desgagnes	15-Sep-22	Northern Fulmar	20	Both	Yes	A	Rafting	
Desgagnes	Nordika Desgagnes	15-Sep-22	Northern Fulmar	20	Both	Yes	A	Rafting	
Desgagnes	Nordika Desgagnes	15-Sep-22	Leach's Storm-petrel	5	Water	No	A	Other	
Desgagnes	Nordika Desgagnes	15-Sep-22	Leach's Storm-petrel	5	Water	No	A	Other	
Desgagnes	Nordika Desgagnes	15-Sep-22	Leach's Storm-petrel	5	Water	No	A	Other	
Desgagnes	Nordika Desgagnes	15-Sep-22	Leach's Storm-petrel	5	Water	No	A	Other	
Desgagnes	Nordika Desgagnes	15-Sep-22	Leach's Storm-petrel	5	Water	No	A	Other	
Desgagnes	Nordika Desgagnes	15-Sep-22	Leach's Storm-petrel	5	Water	No	A	Other	
Desgagnes	Nordika Desgagnes	15-Sep-22	Northern Fulmar	3	Water	No	B	Rafting	
Desgagnes	Nordika Desgagnes	15-Sep-22	Northern Fulmar	3	Water	No	B	Rafting	
Desgagnes	Nordika Desgagnes	15-Sep-22	Northern Fulmar	3	Water	No	B	Rafting	
Desgagnes	Nordika Desgagnes	15-Sep-22	Northern Fulmar	3	Water	No	B	Rafting	
Desgagnes	Nordika Desgagnes	15-Sep-22	Northern Fulmar	3	Water	No	B	Rafting	
Desgagnes	Nordika Desgagnes	15-Sep-22	Northern Fulmar	3	Water	No	B	Rafting	
Desgagnes	Nordika Desgagnes	15-Sep-22	Sooty Shearwater	7	Fly	No	A		
Desgagnes	Nordika Desgagnes	15-Sep-22	Sooty Shearwater	7	Fly	No	A		
Desgagnes	Nordika Desgagnes	15-Sep-22	Sooty Shearwater	7	Fly	No	A		
Desgagnes	Nordika Desgagnes	15-Sep-22	Sooty Shearwater	7	Fly	No	A		
Desgagnes	Nordika Desgagnes	15-Sep-22	Sooty Shearwater	7	Fly	No	A		
Desgagnes	Nordika Desgagnes	15-Sep-22	Sooty Shearwater	7	Fly	No	A		
Desgagnes	Nordika Desgagnes	15-Sep-22	Sooty Shearwater	1	Fly	No	A		292
Desgagnes	Nordika Desgagnes	15-Sep-22	Sooty Shearwater	1	Fly	No	A		292
Desgagnes	Nordika Desgagnes	15-Sep-22	Sooty Shearwater	1	Fly	No	A		292
Desgagnes	Nordika Desgagnes	15-Sep-22	Sooty Shearwater	1	Fly	No	A		292
Desgagnes	Nordika Desgagnes	15-Sep-22	Sooty Shearwater	1	Fly	No	A		292

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Nordika Desgagnes	15-Sep-22	Sooty Shearwater	1	Fly	No	A		292
Desgagnes	Nordika Desgagnes	16-Sep-22	Sooty Shearwater	1	Fly	Yes	A		270
Desgagnes	Nordika Desgagnes	16-Sep-22	Sooty Shearwater	1	Fly	Yes	A		270
Desgagnes	Nordika Desgagnes	16-Sep-22	Sooty Shearwater	1	Fly	Yes	A		270
Desgagnes	Nordika Desgagnes	16-Sep-22	Sooty Shearwater	1	Fly	Yes	A		270
Desgagnes	Nordika Desgagnes	16-Sep-22	Sooty Shearwater	1	Fly	Yes	A		270
Desgagnes	Nordika Desgagnes	16-Sep-22	Sooty Shearwater	1	Fly	Yes	A		270
Desgagnes	Nordika Desgagnes	16-Sep-22	Sooty Shearwater	1	Fly	Yes	A		270
Desgagnes	Nordika Desgagnes	16-Sep-22	Common Murre	15	Fly	Yes	A		180
Desgagnes	Nordika Desgagnes	16-Sep-22	Common Murre	15	Fly	Yes	A		180
Desgagnes	Nordika Desgagnes	16-Sep-22	Common Murre	15	Fly	Yes	A		180
Desgagnes	Nordika Desgagnes	16-Sep-22	Common Murre	15	Fly	Yes	A		180
Desgagnes	Nordika Desgagnes	16-Sep-22	Common Murre	15	Fly	Yes	A		180
Desgagnes	Nordika Desgagnes	16-Sep-22	Common Murre	15	Fly	Yes	A		180
Desgagnes	Nordika Desgagnes	16-Sep-22	Northern Fulmar	4	Fly	Yes	A		225
Desgagnes	Nordika Desgagnes	16-Sep-22	Northern Fulmar	4	Fly	Yes	A		225
Desgagnes	Nordika Desgagnes	16-Sep-22	Northern Fulmar	4	Fly	Yes	A		225
Desgagnes	Nordika Desgagnes	16-Sep-22	Northern Fulmar	4	Fly	Yes	A		225
Desgagnes	Nordika Desgagnes	16-Sep-22	Northern Fulmar	4	Fly	Yes	A		225
Desgagnes	Nordika Desgagnes	16-Sep-22	Northern Fulmar	4	Fly	Yes	A		225
Desgagnes	Nordika Desgagnes	16-Sep-22	Dovekie	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	16-Sep-22	Dovekie	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	16-Sep-22	Dovekie	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	16-Sep-22	Dovekie	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	16-Sep-22	Dovekie	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	16-Sep-22	Dovekie	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	17-Sep-22	Dovekie	3	Fly	Yes	A		225
Desgagnes	Nordika Desgagnes	17-Sep-22	Dovekie	3	Fly	Yes	A		225
Desgagnes	Nordika Desgagnes	17-Sep-22	Dovekie	3	Fly	Yes	A		225
Desgagnes	Nordika Desgagnes	17-Sep-22	Dovekie	3	Fly	Yes	A		225
Desgagnes	Nordika Desgagnes	17-Sep-22	Dovekie	3	Fly	Yes	A		225
Desgagnes	Nordika Desgagnes	17-Sep-22	Dovekie	3	Fly	Yes	A		225
Desgagnes	Nordika Desgagnes	17-Sep-22	Northern Fulmar	10	Water	Yes	B	Rafting	
Desgagnes	Nordika Desgagnes	17-Sep-22	Northern Fulmar	10	Water	Yes	B	Rafting	
Desgagnes	Nordika Desgagnes	17-Sep-22	Northern Fulmar	10	Water	Yes	B	Rafting	
Desgagnes	Nordika Desgagnes	17-Sep-22	Northern Fulmar	10	Water	Yes	B	Rafting	
Desgagnes	Nordika Desgagnes	17-Sep-22	Northern Fulmar	10	Water	Yes	B	Rafting	



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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Nordika Desgagnes	17-Sep-22	Northern Fulmar	10	Water	Yes	B	Rafting	
Desgagnes	Nordika Desgagnes	17-Sep-22	Common Murre	2	Water	Yes	A	Rafting	
Desgagnes	Nordika Desgagnes	17-Sep-22	Common Murre	2	Water	Yes	A	Rafting	
Desgagnes	Nordika Desgagnes	17-Sep-22	Common Murre	2	Water	Yes	A	Rafting	
Desgagnes	Nordika Desgagnes	17-Sep-22	Common Murre	2	Water	Yes	A	Rafting	
Desgagnes	Nordika Desgagnes	17-Sep-22	Common Murre	2	Water	Yes	A	Rafting	
Desgagnes	Nordika Desgagnes	17-Sep-22	Common Murre	2	Water	Yes	A	Rafting	
Desgagnes	Nordika Desgagnes	20-Sep-22	Cackling/Canada Goose	10	Fly	Yes	A		180
Desgagnes	Nordika Desgagnes	20-Sep-22	Cackling/Canada Goose	10	Fly	Yes	A		180
Desgagnes	Nordika Desgagnes	20-Sep-22	Cackling/Canada Goose	10	Fly	Yes	A		180
Desgagnes	Nordika Desgagnes	20-Sep-22	Cackling/Canada Goose	10	Fly	Yes	A		180
Desgagnes	Nordika Desgagnes	20-Sep-22	Cackling/Canada Goose	10	Fly	Yes	A		180
Desgagnes	Nordika Desgagnes	20-Sep-22	Cackling/Canada Goose	10	Fly	Yes	A		180
Desgagnes	Nordika Desgagnes	20-Sep-22	Dovekie	4	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	20-Sep-22	Dovekie	4	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	20-Sep-22	Dovekie	4	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	20-Sep-22	Dovekie	4	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	20-Sep-22	Dovekie	4	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	20-Sep-22	Dovekie	4	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	22-Sep-22	Dovekie	5	Fly	Yes	A		315
Desgagnes	Nordika Desgagnes	22-Sep-22	Dovekie	5	Fly	Yes	A		315
Desgagnes	Nordika Desgagnes	22-Sep-22	Dovekie	5	Fly	Yes	A		315
Desgagnes	Nordika Desgagnes	22-Sep-22	Dovekie	5	Fly	Yes	A		315
Desgagnes	Nordika Desgagnes	22-Sep-22	Dovekie	5	Fly	Yes	A		315
Desgagnes	Nordika Desgagnes	22-Sep-22	Dovekie	5	Fly	Yes	A		315
Desgagnes	Nordika Desgagnes	27-Sep-22	Sooty Shearwater	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	27-Sep-22	Sooty Shearwater	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	27-Sep-22	Sooty Shearwater	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	27-Sep-22	Sooty Shearwater	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	27-Sep-22	Sooty Shearwater	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	27-Sep-22	Sooty Shearwater	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	27-Sep-22	Dovekie	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	27-Sep-22	Dovekie	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	27-Sep-22	Dovekie	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	27-Sep-22	Dovekie	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	27-Sep-22	Dovekie	1	Fly	Yes	A		

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Nordika Desgagnes	27-Sep-22	Dovekie	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	27-Sep-22	Northern Fulmar	1	Fly	Yes	B		
Desgagnes	Nordika Desgagnes	27-Sep-22	Northern Fulmar	1	Fly	Yes	B		
Desgagnes	Nordika Desgagnes	27-Sep-22	Northern Fulmar	1	Fly	Yes	B		
Desgagnes	Nordika Desgagnes	27-Sep-22	Northern Fulmar	1	Fly	Yes	B		
Desgagnes	Nordika Desgagnes	27-Sep-22	Northern Fulmar	1	Fly	Yes	B		
Desgagnes	Nordika Desgagnes	27-Sep-22	Northern Fulmar	1	Fly	Yes	B		
Desgagnes	Nordika Desgagnes	28-Sep-22	Northern Fulmar	2	Fly	Yes	A		90
Desgagnes	Nordika Desgagnes	28-Sep-22	Northern Fulmar	2	Fly	Yes	A		90
Desgagnes	Nordika Desgagnes	28-Sep-22	Northern Fulmar	2	Fly	Yes	A		90
Desgagnes	Nordika Desgagnes	28-Sep-22	Northern Fulmar	2	Fly	Yes	A		90
Desgagnes	Nordika Desgagnes	28-Sep-22	Northern Fulmar	2	Fly	Yes	A		90
Desgagnes	Nordika Desgagnes	28-Sep-22	Northern Fulmar	2	Fly	Yes	A		90
Desgagnes	Nordika Desgagnes	28-Sep-22	Great Shearwater	1	Fly	Yes	A		0
Desgagnes	Nordika Desgagnes	28-Sep-22	Great Shearwater	1	Fly	Yes	A		0
Desgagnes	Nordika Desgagnes	28-Sep-22	Great Shearwater	1	Fly	Yes	A		0
Desgagnes	Nordika Desgagnes	28-Sep-22	Great Shearwater	1	Fly	Yes	A		0
Desgagnes	Nordika Desgagnes	28-Sep-22	Great Shearwater	1	Fly	Yes	A		0
Desgagnes	Nordika Desgagnes	28-Sep-22	Great Shearwater	1	Fly	Yes	A		0
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	20	Fly	Yes	C	Other	320
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	20	Fly	Yes	C	Other	320
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	20	Fly	Yes	C	Other	320
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	20	Fly	Yes	C	Other	320
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	20	Fly	Yes	C	Other	320
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	20	Fly	Yes	C	Other	320
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	3	Fly	Yes	D	Other	45
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	3	Fly	Yes	D	Other	45
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	3	Fly	Yes	D	Other	45
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	3	Fly	Yes	D	Other	45
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	3	Fly	Yes	D	Other	45
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	1	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	1	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	1	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	1	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	1	Water	No	D	Other	

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	1	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	4	Fly	Yes	E	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	4	Fly	Yes	E	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	4	Fly	Yes	E	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	4	Fly	Yes	E	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	4	Fly	Yes	E	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	4	Fly	Yes	E	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	2	Water	No	E	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	2	Water	No	E	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	2	Water	No	E	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	2	Water	No	E	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	2	Water	No	E	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	2	Water	No	E	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	12	Fly	Yes	A	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	12	Fly	Yes	A	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	12	Fly	Yes	A	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	12	Fly	Yes	A	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	12	Fly	Yes	A	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	12	Fly	Yes	A	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	4	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	4	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	4	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	4	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	4	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	4	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	6	Fly	Yes	A	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	6	Fly	Yes	A	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	6	Fly	Yes	A	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	6	Fly	Yes	A	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	6	Fly	Yes	A	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	6	Fly	Yes	A	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	3	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	3	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	3	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	3	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	3	Water	No	D	Other	

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	3	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	8	Fly	Yes	B	Other	90
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	8	Fly	Yes	B	Other	90
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	8	Fly	Yes	B	Other	90
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	8	Fly	Yes	B	Other	90
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	8	Fly	Yes	B	Other	90
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	8	Fly	Yes	B	Other	90
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	9	Fly	Yes	B	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	9	Fly	Yes	B	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	9	Fly	Yes	B	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	9	Fly	Yes	B	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	9	Fly	Yes	B	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	9	Fly	Yes	B	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	2	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	2	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	2	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	2	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	2	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	14-Aug-22	Unknown Gull	2	Water	No	D	Other	
	Tuvaq W.	15-Aug-22	Red-breasted Merganser	1	Fly	Yes	D	Other	300
	Tuvaq W.	15-Aug-22	Red-breasted Merganser	1	Fly	Yes	D	Other	300
	Tuvaq W.	15-Aug-22	Red-breasted Merganser	1	Fly	Yes	D	Other	300
	Tuvaq W.	15-Aug-22	Red-breasted Merganser	1	Fly	Yes	D	Other	300
	Tuvaq W.	15-Aug-22	Red-breasted Merganser	1	Fly	Yes	D	Other	300
	Tuvaq W.	15-Aug-22	Red-breasted Merganser	1	Fly	Yes	D	Other	300
	Tuvaq W.	15-Aug-22	Unknown Gull	2		No	E	Other	
	Tuvaq W.	15-Aug-22	Unknown Gull	2		No	E	Other	
	Tuvaq W.	15-Aug-22	Unknown Gull	2		No	E	Other	
	Tuvaq W.	15-Aug-22	Unknown Gull	2		No	E	Other	
	Tuvaq W.	15-Aug-22	Unknown Gull	2		No	E	Other	
	Tuvaq W.	15-Aug-22	Unknown Gull	2		No	E	Other	
	Tuvaq W.	15-Aug-22	Unknown Gull	2	Fly	No	E	Other	
	Tuvaq W.	15-Aug-22	Unknown Gull	2	Fly	No	E	Other	
	Tuvaq W.	15-Aug-22	Unknown Gull	2	Fly	No	E	Other	
	Tuvaq W.	15-Aug-22	Unknown Gull	2	Fly	No	E	Other	
	Tuvaq W.	15-Aug-22	Unknown Gull	2	Fly	No	E	Other	
	Tuvaq W.	15-Aug-22	Unknown Gull	2	Fly	No	E	Other	

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
	Tuvaq W.	15-Aug-22	Unknown Gull	2	Fly	No	E	Other	
	Tuvaq W.	15-Aug-22	Unknown Duck	1	Fly	Yes	D	Other	250
	Tuvaq W.	15-Aug-22	Unknown Duck	1	Fly	Yes	D	Other	250
	Tuvaq W.	15-Aug-22	Unknown Duck	1	Fly	Yes	D	Other	250
	Tuvaq W.	15-Aug-22	Unknown Duck	1	Fly	Yes	D	Other	250
	Tuvaq W.	15-Aug-22	Unknown Duck	1	Fly	Yes	D	Other	250
	Tuvaq W.	15-Aug-22	Unknown Duck	1	Fly	Yes	D	Other	250
	Tuvaq W.	15-Aug-22	Unknown Gull	1	Fly	Yes	D	Other	250
	Tuvaq W.	15-Aug-22	Unknown Gull	1	Fly	Yes	D	Other	250
	Tuvaq W.	15-Aug-22	Unknown Gull	1	Fly	Yes	D	Other	250
	Tuvaq W.	15-Aug-22	Unknown Gull	1	Fly	Yes	D	Other	250
	Tuvaq W.	15-Aug-22	Unknown Gull	1	Fly	Yes	D	Other	250
	Tuvaq W.	15-Aug-22	Unknown Gull	1	Fly	Yes	D	Other	250
Coastal Shipping	Tuvaq W.	16-Aug-22	Unknown Gull	1	Fly	No	E	Other	270
Coastal Shipping	Tuvaq W.	16-Aug-22	Unknown Gull	1	Fly	No	E	Other	270
Coastal Shipping	Tuvaq W.	16-Aug-22	Unknown Gull	1	Fly	No	E	Other	270
Coastal Shipping	Tuvaq W.	16-Aug-22	Unknown Gull	1	Fly	No	E	Other	270
Coastal Shipping	Tuvaq W.	16-Aug-22	Unknown Gull	1	Fly	No	E	Other	270
Coastal Shipping	Tuvaq W.	16-Aug-22	Unknown Gull	1	Fly	No	E	Other	270
Coastal Shipping	Tuvaq W.	16-Aug-22	Unknown Gull	1	Water	No	E	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Unknown Gull	1	Water	No	E	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Unknown Gull	1	Water	No	E	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Unknown Gull	1	Water	No	E	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Unknown Gull	1	Water	No	E	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Unknown Gull	1	Water	No	E	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	1	Fly	Yes	B	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	1	Fly	Yes	B	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	1	Fly	Yes	B	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	1	Fly	Yes	B	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	1	Fly	Yes	B	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	1	Fly	Yes	B	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	50		No	C	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	50		No	C	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	50		No	C	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	50		No	C	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	50		No	C	Other	

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	50		No	C	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	8	Water	No	C	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	8	Water	No	C	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	8	Water	No	C	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	8	Water	No	C	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	8	Water	No	C	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	8	Water	No	C	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	10	Water	No	C	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	10	Water	No	C	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	10	Water	No	C	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	10	Water	No	C	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	10	Water	No	C	Other	
Coastal Shipping	Tuvaq W.	16-Aug-22	Herring Gull	10	Water	No	C	Other	
Coastal Shipping	Tuvaq W.	17-Aug-22	Common Loon	2	Fly	Yes	C	Other	340
Coastal Shipping	Tuvaq W.	17-Aug-22	Common Loon	2	Fly	Yes	C	Other	340
Coastal Shipping	Tuvaq W.	17-Aug-22	Common Loon	2	Fly	Yes	C	Other	340
Coastal Shipping	Tuvaq W.	17-Aug-22	Common Loon	2	Fly	Yes	C	Other	340
Coastal Shipping	Tuvaq W.	17-Aug-22	Common Loon	2	Fly	Yes	C	Other	340
Coastal Shipping	Tuvaq W.	17-Aug-22	Common Loon	2	Fly	Yes	C	Other	340
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Water	No	D	Other	
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	Yes	B	Other	330
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	Yes	B	Other	330
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	Yes	B	Other	330
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	Yes	B	Other	330
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	Yes	B	Other	330
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	Yes	B	Other	330
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	Yes	A	Other	10
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	Yes	A	Other	10
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	Yes	A	Other	10
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	Yes	A	Other	10
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	Yes	A	Other	10



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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	Yes	A	Other	10
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	No	E	Other	
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	No	E	Other	
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	No	E	Other	
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	No	E	Other	
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	No	E	Other	
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	No	E	Other	
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	No	E	Other	
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	No	E	Other	
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	No	E	Other	
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	No	E	Other	
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	No	E	Other	
Coastal Shipping	Tuvaq W.	17-Aug-22	Herring Gull	1	Fly	No	E	Other	
Coastal Shipping	Tuvaq W.	24-Aug-22	Herring Gull	1	Fly	Yes	E	Other	340
Coastal Shipping	Tuvaq W.	24-Aug-22	Herring Gull	1	Fly	Yes	E	Other	340
Coastal Shipping	Tuvaq W.	24-Aug-22	Herring Gull	1	Fly	Yes	E	Other	340
Coastal Shipping	Tuvaq W.	24-Aug-22	Herring Gull	1	Fly	Yes	E	Other	340
Coastal Shipping	Tuvaq W.	24-Aug-22	Herring Gull	1	Fly	Yes	E	Other	340
Coastal Shipping	Tuvaq W.	24-Aug-22	Herring Gull	1	Fly	Yes	E	Other	340
Coastal Shipping	Tuvaq W.	24-Aug-22	Snow Goose	17	Fly	Yes	E	Other	240
Coastal Shipping	Tuvaq W.	24-Aug-22	Snow Goose	17	Fly	Yes	E	Other	240
Coastal Shipping	Tuvaq W.	24-Aug-22	Snow Goose	17	Fly	Yes	E	Other	240
Coastal Shipping	Tuvaq W.	24-Aug-22	Snow Goose	17	Fly	Yes	E	Other	240
Coastal Shipping	Tuvaq W.	24-Aug-22	Snow Goose	17	Fly	Yes	E	Other	240
Coastal Shipping	Tuvaq W.	24-Aug-22	Snow Goose	17	Fly	Yes	E	Other	240
Desgagnes	Zelada Desgagnes	20-Aug-22	Thick-billed Murre	2	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	20-Aug-22	Thick-billed Murre	2	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	20-Aug-22	Thick-billed Murre	2	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	20-Aug-22	Thick-billed Murre	2	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	20-Aug-22	Thick-billed Murre	2	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	20-Aug-22	Thick-billed Murre	2	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	20-Aug-22	Herring Gull	2	Fly	Yes	B	Rafting	280
Desgagnes	Zelada Desgagnes	20-Aug-22	Herring Gull	2	Fly	Yes	B	Rafting	280
Desgagnes	Zelada Desgagnes	20-Aug-22	Herring Gull	2	Fly	Yes	B	Rafting	280
Desgagnes	Zelada Desgagnes	20-Aug-22	Herring Gull	2	Fly	Yes	B	Rafting	280
Desgagnes	Zelada Desgagnes	20-Aug-22	Herring Gull	2	Fly	Yes	B	Rafting	280



## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Zelada Desgagnes	20-Aug-22	Glaucous Gull	3	Fly	Yes	B	Rafting	100
Desgagnes	Zelada Desgagnes	20-Aug-22	Thick-billed Murre	1	Fly	Yes	A	Rafting	45
Desgagnes	Zelada Desgagnes	20-Aug-22	Thick-billed Murre	1	Fly	Yes	A	Rafting	45
Desgagnes	Zelada Desgagnes	20-Aug-22	Thick-billed Murre	1	Fly	Yes	A	Rafting	45
Desgagnes	Zelada Desgagnes	20-Aug-22	Thick-billed Murre	1	Fly	Yes	A	Rafting	45
Desgagnes	Zelada Desgagnes	20-Aug-22	Thick-billed Murre	1	Fly	Yes	A	Rafting	45
Desgagnes	Zelada Desgagnes	20-Aug-22	Thick-billed Murre	1	Fly	Yes	A	Rafting	45
Desgagnes	Zelada Desgagnes	20-Aug-22	Northern Fulmar	1	Fly	Yes	B	Rafting	90
Desgagnes	Zelada Desgagnes	20-Aug-22	Northern Fulmar	1	Fly	Yes	B	Rafting	90
Desgagnes	Zelada Desgagnes	20-Aug-22	Northern Fulmar	1	Fly	Yes	B	Rafting	90
Desgagnes	Zelada Desgagnes	20-Aug-22	Northern Fulmar	1	Fly	Yes	B	Rafting	90
Desgagnes	Zelada Desgagnes	20-Aug-22	Northern Fulmar	1	Fly	Yes	B	Rafting	90
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	2	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	2	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	2	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	2	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	2	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	2	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	4	Fly	Yes	A	Escape Flight	200
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	4	Fly	Yes	A	Escape Flight	200
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	4	Fly	Yes	A	Escape Flight	200
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	4	Fly	Yes	A	Escape Flight	200
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	4	Fly	Yes	A	Escape Flight	200
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	4	Fly	Yes	A	Escape Flight	200
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	3	Fly	Yes	A	Other	200
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	3	Fly	Yes	A	Other	200
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	3	Fly	Yes	A	Other	200
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	3	Fly	Yes	A	Other	200
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	3	Fly	Yes	A	Other	200
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	3	Fly	Yes	A	Other	200
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	7	Fly	Yes	A	Other	200
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	7	Fly	Yes	A	Other	200
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	7	Fly	Yes	A	Other	200
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	7	Fly	Yes	A	Other	200
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	7	Fly	Yes	A	Other	200

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	7	Fly	Yes	A	Other	200
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	2	Water	Yes	A	Other	
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	2	Water	Yes	A	Other	
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	2	Water	Yes	A	Other	
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	2	Water	Yes	A	Other	
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	2	Water	Yes	A	Other	
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	2	Water	Yes	A	Other	
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	3	Fly	Yes	B	Other	180
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	3	Fly	Yes	B	Other	180
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	3	Fly	Yes	B	Other	180
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	3	Fly	Yes	B	Other	180
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	3	Fly	Yes	B	Other	180
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	3	Fly	Yes	A	Other	180
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	3	Fly	Yes	A	Other	180
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	3	Fly	Yes	A	Other	180
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	3	Fly	Yes	A	Other	180
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	3	Fly	Yes	A	Other	180
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	3	Fly	Yes	A	Other	180
Desgagnes	Zelada Desgagnes	21-Aug-22	Black Guillemot	2	Fly	Yes	A	Other	300
Desgagnes	Zelada Desgagnes	21-Aug-22	Black Guillemot	2	Fly	Yes	A	Other	300
Desgagnes	Zelada Desgagnes	21-Aug-22	Black Guillemot	2	Fly	Yes	A	Other	300
Desgagnes	Zelada Desgagnes	21-Aug-22	Black Guillemot	2	Fly	Yes	A	Other	300
Desgagnes	Zelada Desgagnes	21-Aug-22	Black Guillemot	2	Fly	Yes	A	Other	300
Desgagnes	Zelada Desgagnes	21-Aug-22	Black Guillemot	2	Fly	Yes	A	Other	300
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	2	Fly	Yes	B	Other	180
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	2	Fly	Yes	B	Other	180
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	2	Fly	Yes	B	Other	180
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	2	Fly	Yes	B	Other	180
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	2	Fly	Yes	B	Other	180
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	2	Fly	Yes	B	Other	180
Desgagnes	Zelada Desgagnes	21-Aug-22	Thick-billed Murre	2	Fly	Yes	B	Other	180
Desgagnes	Zelada Desgagnes	23-Aug-22	Glaucous Gull	2	Fly	Yes	B	Other	200
Desgagnes	Zelada Desgagnes	23-Aug-22	Glaucous Gull	2	Fly	Yes	B	Other	200
Desgagnes	Zelada Desgagnes	23-Aug-22	Glaucous Gull	2	Fly	Yes	B	Other	200
Desgagnes	Zelada Desgagnes	23-Aug-22	Glaucous Gull	2	Fly	Yes	B	Other	200
Desgagnes	Zelada Desgagnes	23-Aug-22	Glaucous Gull	2	Fly	Yes	B	Other	200

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Zelada Desgagnes	23-Aug-22	Glaucous Gull	2	Fly	Yes	B	Other	200
Desgagnes	Zelada Desgagnes	23-Aug-22	Herring Gull	3	Water	Yes	D	Other	
Desgagnes	Zelada Desgagnes	23-Aug-22	Herring Gull	3	Water	Yes	D	Other	
Desgagnes	Zelada Desgagnes	23-Aug-22	Herring Gull	3	Water	Yes	D	Other	
Desgagnes	Zelada Desgagnes	23-Aug-22	Herring Gull	3	Water	Yes	D	Other	
Desgagnes	Zelada Desgagnes	23-Aug-22	Herring Gull	3	Water	Yes	D	Other	
Desgagnes	Zelada Desgagnes	23-Aug-22	Herring Gull	3	Water	Yes	D	Other	
Desgagnes	Zelada Desgagnes	23-Aug-22	Glaucous Gull	2	Fly	Yes	A	Other	45
Desgagnes	Zelada Desgagnes	23-Aug-22	Glaucous Gull	2	Fly	Yes	A	Other	45
Desgagnes	Zelada Desgagnes	23-Aug-22	Glaucous Gull	2	Fly	Yes	A	Other	45
Desgagnes	Zelada Desgagnes	23-Aug-22	Glaucous Gull	2	Fly	Yes	A	Other	45
Desgagnes	Zelada Desgagnes	23-Aug-22	Glaucous Gull	2	Fly	Yes	A	Other	45
Desgagnes	Zelada Desgagnes	24-Aug-22	Northern Fulmar	3	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	24-Aug-22	Northern Fulmar	3	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	24-Aug-22	Northern Fulmar	3	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	24-Aug-22	Northern Fulmar	3	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	24-Aug-22	Northern Fulmar	3	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	24-Aug-22	Northern Fulmar	3	Fly	Yes	B	Rafting	0
Desgagnes	Zelada Desgagnes	24-Aug-22	Pomarine Jaeger	1	Fly	Yes	B	Other	180
Desgagnes	Zelada Desgagnes	24-Aug-22	Pomarine Jaeger	1	Fly	Yes	B	Other	180
Desgagnes	Zelada Desgagnes	24-Aug-22	Pomarine Jaeger	1	Fly	Yes	B	Other	180
Desgagnes	Zelada Desgagnes	24-Aug-22	Pomarine Jaeger	1	Fly	Yes	B	Other	180
Desgagnes	Zelada Desgagnes	24-Aug-22	Pomarine Jaeger	1	Fly	Yes	B	Other	180
Desgagnes	Zelada Desgagnes	24-Aug-22	Pomarine Jaeger	1	Fly	Yes	B	Other	180
Desgagnes	Zelada Desgagnes	25-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	0
Desgagnes	Zelada Desgagnes	25-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	0
Desgagnes	Zelada Desgagnes	25-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	0
Desgagnes	Zelada Desgagnes	25-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	0
Desgagnes	Zelada Desgagnes	25-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	0
Desgagnes	Zelada Desgagnes	25-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	0
Desgagnes	Zelada Desgagnes	25-Aug-22	Northern Fulmar	2	Fly	Yes	B	Rafting	90
Desgagnes	Zelada Desgagnes	25-Aug-22	Northern Fulmar	2	Fly	Yes	B	Rafting	90
Desgagnes	Zelada Desgagnes	25-Aug-22	Northern Fulmar	2	Fly	Yes	B	Rafting	90
Desgagnes	Zelada Desgagnes	25-Aug-22	Northern Fulmar	2	Fly	Yes	B	Rafting	90
Desgagnes	Zelada Desgagnes	25-Aug-22	Northern Fulmar	2	Fly	Yes	B	Rafting	90

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Zelada Desgagnes	25-Aug-22	Northern Fulmar	2	Fly	Yes	B	Rafting	90
Desgagnes	Zelada Desgagnes	25-Aug-22	Glaucous Gull	3	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	25-Aug-22	Glaucous Gull	3	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	25-Aug-22	Glaucous Gull	3	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	25-Aug-22	Glaucous Gull	3	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	25-Aug-22	Glaucous Gull	3	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	25-Aug-22	Glaucous Gull	3	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	26-Aug-22	Herring Gull	1	Fly	Yes	C	Other	225
Desgagnes	Zelada Desgagnes	26-Aug-22	Herring Gull	1	Fly	Yes	C	Other	225
Desgagnes	Zelada Desgagnes	26-Aug-22	Herring Gull	1	Fly	Yes	C	Other	225
Desgagnes	Zelada Desgagnes	26-Aug-22	Herring Gull	1	Fly	Yes	C	Other	225
Desgagnes	Zelada Desgagnes	26-Aug-22	Herring Gull	1	Fly	Yes	C	Other	225
Desgagnes	Zelada Desgagnes	27-Aug-22	Thick-billed Murre	3	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	27-Aug-22	Thick-billed Murre	3	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	27-Aug-22	Thick-billed Murre	3	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	27-Aug-22	Thick-billed Murre	3	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	27-Aug-22	Thick-billed Murre	3	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	27-Aug-22	Thick-billed Murre	3	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	27-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	180
Desgagnes	Zelada Desgagnes	27-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	180
Desgagnes	Zelada Desgagnes	27-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	180
Desgagnes	Zelada Desgagnes	27-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	180
Desgagnes	Zelada Desgagnes	27-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	180
Desgagnes	Zelada Desgagnes	27-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	180
Desgagnes	Zelada Desgagnes	27-Aug-22	Glaucous Gull	1	Fly	Yes	B	Rafting	300
Desgagnes	Zelada Desgagnes	27-Aug-22	Glaucous Gull	1	Fly	Yes	B	Rafting	300
Desgagnes	Zelada Desgagnes	27-Aug-22	Glaucous Gull	1	Fly	Yes	B	Rafting	300
Desgagnes	Zelada Desgagnes	27-Aug-22	Glaucous Gull	1	Fly	Yes	B	Rafting	300
Desgagnes	Zelada Desgagnes	27-Aug-22	Glaucous Gull	1	Fly	Yes	B	Rafting	300
Desgagnes	Zelada Desgagnes	27-Aug-22	Glaucous Gull	1	Fly	Yes	B	Rafting	300
Desgagnes	Zelada Desgagnes	27-Aug-22	Razorbill	2	Fly	Yes	B	Escape Flight	180
Desgagnes	Zelada Desgagnes	27-Aug-22	Razorbill	2	Fly	Yes	B	Escape Flight	180
Desgagnes	Zelada Desgagnes	27-Aug-22	Razorbill	2	Fly	Yes	B	Escape Flight	180
Desgagnes	Zelada Desgagnes	27-Aug-22	Razorbill	2	Fly	Yes	B	Escape Flight	180
Desgagnes	Zelada Desgagnes	27-Aug-22	Razorbill	2	Fly	Yes	B	Escape Flight	180



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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Zelada Desgagnes	27-Aug-22	Razorbill	2	Fly	Yes	B	Escape Flight	180
Desgagnes	Zelada Desgagnes	01-Sep-22	Herring Gull	3	Fly	Yes	B	Other	315
Desgagnes	Zelada Desgagnes	01-Sep-22	Herring Gull	3	Fly	Yes	B	Other	315
Desgagnes	Zelada Desgagnes	01-Sep-22	Herring Gull	3	Fly	Yes	B	Other	315
Desgagnes	Zelada Desgagnes	01-Sep-22	Herring Gull	3	Fly	Yes	B	Other	315
Desgagnes	Zelada Desgagnes	01-Sep-22	Herring Gull	3	Fly	Yes	B	Other	315
Desgagnes	Zelada Desgagnes	01-Sep-22	Herring Gull	3	Fly	Yes	B	Other	315
Desgagnes	Zelada Desgagnes	01-Sep-22	Northern Fulmar	5	Fly	Yes	B	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Northern Fulmar	5	Fly	Yes	B	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Northern Fulmar	5	Fly	Yes	B	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Northern Fulmar	5	Fly	Yes	B	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Northern Fulmar	5	Fly	Yes	B	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Northern Fulmar	5	Fly	Yes	B	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Iceland Gull	5	Fly	Yes	B	Other	45
Desgagnes	Zelada Desgagnes	01-Sep-22	Iceland Gull	5	Fly	Yes	B	Other	45
Desgagnes	Zelada Desgagnes	01-Sep-22	Iceland Gull	5	Fly	Yes	B	Other	45
Desgagnes	Zelada Desgagnes	01-Sep-22	Iceland Gull	5	Fly	Yes	B	Other	45
Desgagnes	Zelada Desgagnes	01-Sep-22	Iceland Gull	5	Fly	Yes	B	Other	45
Desgagnes	Zelada Desgagnes	01-Sep-22	Iceland Gull	5	Fly	Yes	B	Other	45
Desgagnes	Zelada Desgagnes	01-Sep-22	Iceland Gull	6	Both	No	B	Other	45
Desgagnes	Zelada Desgagnes	01-Sep-22	Iceland Gull	6	Both	No	B	Other	45
Desgagnes	Zelada Desgagnes	01-Sep-22	Iceland Gull	6	Both	No	B	Other	45
Desgagnes	Zelada Desgagnes	01-Sep-22	Iceland Gull	6	Both	No	B	Other	45
Desgagnes	Zelada Desgagnes	01-Sep-22	Iceland Gull	6	Both	No	B	Other	45
Desgagnes	Zelada Desgagnes	01-Sep-22	Iceland Gull	6	Both	No	B	Other	45
Desgagnes	Zelada Desgagnes	01-Sep-22	Herring Gull	3	Fly	Yes	B	Other	315
Desgagnes	Zelada Desgagnes	01-Sep-22	Herring Gull	3	Fly	Yes	B	Other	315
Desgagnes	Zelada Desgagnes	01-Sep-22	Herring Gull	3	Fly	Yes	B	Other	315
Desgagnes	Zelada Desgagnes	01-Sep-22	Herring Gull	3	Fly	Yes	B	Other	315
Desgagnes	Zelada Desgagnes	01-Sep-22	Herring Gull	3	Fly	Yes	B	Other	315

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Zelada Desgagnes	01-Sep-22	Herring Gull	3	Fly	Yes	B	Other	315
Desgagnes	Zelada Desgagnes	02-Sep-22	Cackling/Canada Goose	70	Fly	Yes	E	Other	205
Desgagnes	Zelada Desgagnes	02-Sep-22	Cackling/Canada Goose	70	Fly	Yes	E	Other	205
Desgagnes	Zelada Desgagnes	02-Sep-22	Cackling/Canada Goose	70	Fly	Yes	E	Other	205
Desgagnes	Zelada Desgagnes	02-Sep-22	Cackling/Canada Goose	70	Fly	Yes	E	Other	205
Desgagnes	Zelada Desgagnes	02-Sep-22	Cackling/Canada Goose	70	Fly	Yes	E	Other	205
Desgagnes	Zelada Desgagnes	02-Sep-22	Cackling/Canada Goose	70	Fly	Yes	E	Other	205
Desgagnes	Zelada Desgagnes	02-Sep-22	Snow Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	02-Sep-22	Snow Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	02-Sep-22	Snow Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	02-Sep-22	Snow Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	02-Sep-22	Snow Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	02-Sep-22	Snow Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	02-Sep-22	Iceland Gull	8	Fly	Yes	C	Other	
Desgagnes	Zelada Desgagnes	02-Sep-22	Iceland Gull	8	Fly	Yes	C	Other	
Desgagnes	Zelada Desgagnes	02-Sep-22	Iceland Gull	8	Fly	Yes	C	Other	
Desgagnes	Zelada Desgagnes	02-Sep-22	Iceland Gull	8	Fly	Yes	C	Other	
Desgagnes	Zelada Desgagnes	02-Sep-22	Iceland Gull	8	Fly	Yes	C	Other	
Desgagnes	Zelada Desgagnes	02-Sep-22	Iceland Gull	8	Fly	Yes	C	Other	
Desgagnes	Zelada Desgagnes	02-Sep-22	Northern Fulmar	10	Fly	Yes	B	Other	100
Desgagnes	Zelada Desgagnes	02-Sep-22	Northern Fulmar	10	Fly	Yes	B	Other	100
Desgagnes	Zelada Desgagnes	02-Sep-22	Northern Fulmar	10	Fly	Yes	B	Other	100
Desgagnes	Zelada Desgagnes	02-Sep-22	Northern Fulmar	10	Fly	Yes	B	Other	100
Desgagnes	Zelada Desgagnes	02-Sep-22	Northern Fulmar	10	Fly	Yes	B	Other	100
Desgagnes	Zelada Desgagnes	02-Sep-22	Northern Fulmar	10	Fly	Yes	B	Other	100
Desgagnes	Zelada Desgagnes	02-Sep-22	Northern Fulmar	1	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	02-Sep-22	Northern Fulmar	1	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	02-Sep-22	Northern Fulmar	1	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	02-Sep-22	Northern Fulmar	1	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	02-Sep-22	Northern Fulmar	1	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	02-Sep-22	Northern Fulmar	1	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	02-Sep-22	Herring Gull	2	Fly	Yes	B	Rafting	180
Desgagnes	Zelada Desgagnes	02-Sep-22	Herring Gull	2	Fly	Yes	B	Rafting	180
Desgagnes	Zelada Desgagnes	02-Sep-22	Herring Gull	2	Fly	Yes	B	Rafting	180
Desgagnes	Zelada Desgagnes	02-Sep-22	Herring Gull	2	Fly	Yes	B	Rafting	180
Desgagnes	Zelada Desgagnes	02-Sep-22	Herring Gull	2	Fly	Yes	B	Rafting	180

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Zelada Desgagnes	02-Sep-22	Herring Gull	2	Fly	Yes	B	Rafting	180
Desgagnes	Zelada Desgagnes	02-Sep-22	Northern Fulmar	2	Fly	Yes	C	Escape Flight	100
Desgagnes	Zelada Desgagnes	02-Sep-22	Northern Fulmar	2	Fly	Yes	C	Escape Flight	100
Desgagnes	Zelada Desgagnes	02-Sep-22	Northern Fulmar	2	Fly	Yes	C	Escape Flight	100
Desgagnes	Zelada Desgagnes	02-Sep-22	Northern Fulmar	2	Fly	Yes	C	Escape Flight	100
Desgagnes	Zelada Desgagnes	02-Sep-22	Northern Fulmar	2	Fly	Yes	C	Escape Flight	100
Desgagnes	Zelada Desgagnes	02-Sep-22	Northern Fulmar	2	Fly	Yes	C	Escape Flight	100
Desgagnes	Zelada Desgagnes	03-Sep-22	Northern Fulmar	3	Fly	Yes	B	Rafting	100
Desgagnes	Zelada Desgagnes	03-Sep-22	Northern Fulmar	3	Fly	Yes	B	Rafting	100
Desgagnes	Zelada Desgagnes	03-Sep-22	Northern Fulmar	3	Fly	Yes	B	Rafting	100
Desgagnes	Zelada Desgagnes	03-Sep-22	Northern Fulmar	3	Fly	Yes	B	Rafting	100
Desgagnes	Zelada Desgagnes	03-Sep-22	Northern Fulmar	3	Fly	Yes	B	Rafting	100
Desgagnes	Zelada Desgagnes	03-Sep-22	Northern Fulmar	3	Fly	Yes	B	Rafting	100
Desgagnes	Zelada Desgagnes	03-Sep-22	Herring Gull	11	Fly	Yes	B	Other	90
Desgagnes	Zelada Desgagnes	03-Sep-22	Herring Gull	11	Fly	Yes	B	Other	90
Desgagnes	Zelada Desgagnes	03-Sep-22	Herring Gull	11	Fly	Yes	B	Other	90
Desgagnes	Zelada Desgagnes	03-Sep-22	Herring Gull	11	Fly	Yes	B	Other	90
Desgagnes	Zelada Desgagnes	03-Sep-22	Herring Gull	11	Fly	Yes	B	Other	90
Desgagnes	Zelada Desgagnes	03-Sep-22	Herring Gull	11	Fly	Yes	B	Other	90
Desgagnes	Zelada Desgagnes	03-Sep-22	Thick-billed Murre	5	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	03-Sep-22	Thick-billed Murre	5	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	03-Sep-22	Thick-billed Murre	5	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	03-Sep-22	Thick-billed Murre	5	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	03-Sep-22	Thick-billed Murre	5	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	03-Sep-22	Thick-billed Murre	5	Water	Yes	B	Other	
Desgagnes	Zelada Desgagnes	03-Sep-22	Northern Fulmar	2	Fly	Yes	B	Other	90
Desgagnes	Zelada Desgagnes	03-Sep-22	Northern Fulmar	2	Fly	Yes	B	Other	90
Desgagnes	Zelada Desgagnes	03-Sep-22	Northern Fulmar	2	Fly	Yes	B	Other	90
Desgagnes	Zelada Desgagnes	03-Sep-22	Northern Fulmar	2	Fly	Yes	B	Other	90
Desgagnes	Zelada Desgagnes	03-Sep-22	Northern Fulmar	2	Fly	Yes	B	Other	90
Desgagnes	Zelada Desgagnes	03-Sep-22	Northern Fulmar	2	Fly	Yes	B	Other	90
Desgagnes	Zelada Desgagnes	04-Sep-22	Northern Fulmar	2	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	04-Sep-22	Northern Fulmar	2	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	04-Sep-22	Northern Fulmar	2	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	04-Sep-22	Northern Fulmar	2	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	04-Sep-22	Northern Fulmar	2	Fly	Yes	B	Other	0

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Zelada Desgagnes	04-Sep-22	Northern Fulmar	2	Fly	Yes	B	Other	0
Desgagnes	Zelada Desgagnes	04-Sep-22	Herring Gull	11	Fly	No	B	Other	0
Desgagnes	Zelada Desgagnes	04-Sep-22	Herring Gull	11	Fly	No	B	Other	0
Desgagnes	Zelada Desgagnes	04-Sep-22	Herring Gull	11	Fly	No	B	Other	0
Desgagnes	Zelada Desgagnes	04-Sep-22	Herring Gull	11	Fly	No	B	Other	0
Desgagnes	Zelada Desgagnes	04-Sep-22	Herring Gull	11	Fly	No	B	Other	0
Desgagnes	Zelada Desgagnes	04-Sep-22	Herring Gull	11	Fly	No	B	Other	0
Desgagnes	Zelada Desgagnes	04-Sep-22	Pomarine Jaeger	1	Fly	Yes	B	Other	120
Desgagnes	Zelada Desgagnes	04-Sep-22	Pomarine Jaeger	1	Fly	Yes	B	Other	120
Desgagnes	Zelada Desgagnes	04-Sep-22	Pomarine Jaeger	1	Fly	Yes	B	Other	120
Desgagnes	Zelada Desgagnes	04-Sep-22	Pomarine Jaeger	1	Fly	Yes	B	Other	120
Desgagnes	Zelada Desgagnes	04-Sep-22	Pomarine Jaeger	1	Fly	Yes	B	Other	120
Desgagnes	Zelada Desgagnes	04-Sep-22	Pomarine Jaeger	1	Fly	Yes	B	Other	120
Desgagnes	Zelada Desgagnes	04-Sep-22	Northern Fulmar	1	Fly	Yes	B	Other	100
Desgagnes	Zelada Desgagnes	04-Sep-22	Northern Fulmar	1	Fly	Yes	B	Other	100
Desgagnes	Zelada Desgagnes	04-Sep-22	Northern Fulmar	1	Fly	Yes	B	Other	100
Desgagnes	Zelada Desgagnes	04-Sep-22	Northern Fulmar	1	Fly	Yes	B	Other	100
Desgagnes	Zelada Desgagnes	04-Sep-22	Northern Fulmar	1	Fly	Yes	B	Other	100
Desgagnes	Zelada Desgagnes	04-Sep-22	Northern Fulmar	1	Fly	Yes	B	Other	100
Desgagnes	Nordika Desgagnes	17-Oct-22	Northern Fulmar	2	Fly	Yes	A	Other	270
Desgagnes	Nordika Desgagnes	17-Oct-22	Northern Fulmar	2	Fly	Yes	A	Other	270
Desgagnes	Nordika Desgagnes	17-Oct-22	Northern Fulmar	2	Fly	Yes	A	Other	270
Desgagnes	Nordika Desgagnes	17-Oct-22	Northern Fulmar	2	Fly	Yes	A	Other	270
Desgagnes	Nordika Desgagnes	17-Oct-22	Northern Fulmar	2	Fly	Yes	A	Other	270
Desgagnes	Nordika Desgagnes	17-Oct-22	Northern Fulmar	2	Fly	Yes	A	Other	270
Desgagnes	Nordika Desgagnes	17-Oct-22	Dovekie	1	Fly	Yes	A	Other	
Desgagnes	Nordika Desgagnes	17-Oct-22	Dovekie	1	Fly	Yes	A	Other	
Desgagnes	Nordika Desgagnes	17-Oct-22	Dovekie	1	Fly	Yes	A	Other	
Desgagnes	Nordika Desgagnes	17-Oct-22	Dovekie	1	Fly	Yes	A	Other	
Desgagnes	Nordika Desgagnes	17-Oct-22	Dovekie	1	Fly	Yes	A	Other	
Desgagnes	Nordika Desgagnes	17-Oct-22	Dovekie	1	Fly	Yes	A	Other	
Desgagnes	Nordika Desgagnes	18-Oct-22	Razorbill	5	Water	Yes	B	Rafting	
Desgagnes	Nordika Desgagnes	18-Oct-22	Razorbill	5	Water	Yes	B	Rafting	
Desgagnes	Nordika Desgagnes	18-Oct-22	Razorbill	5	Water	Yes	B	Rafting	
Desgagnes	Nordika Desgagnes	18-Oct-22	Razorbill	5	Water	Yes	B	Rafting	
Desgagnes	Nordika Desgagnes	18-Oct-22	Razorbill	5	Water	Yes	B	Rafting	

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Nordika Desgagnes	18-Oct-22	Razorbill	5	Water	Yes	B	Rafting	
Desgagnes	Nordika Desgagnes	18-Oct-22	Cackling/Canada Goose	10	Fly	Yes	B		157
Desgagnes	Nordika Desgagnes	18-Oct-22	Cackling/Canada Goose	10	Fly	Yes	B		157
Desgagnes	Nordika Desgagnes	18-Oct-22	Cackling/Canada Goose	10	Fly	Yes	B		157
Desgagnes	Nordika Desgagnes	18-Oct-22	Cackling/Canada Goose	10	Fly	Yes	B		157
Desgagnes	Nordika Desgagnes	18-Oct-22	Cackling/Canada Goose	10	Fly	Yes	B		157
Desgagnes	Nordika Desgagnes	18-Oct-22	Cackling/Canada Goose	10	Fly	Yes	B		157
Desgagnes	Nordika Desgagnes	19-Oct-22	Sooty Shearwater	2	Fly	Yes	A		135
Desgagnes	Nordika Desgagnes	19-Oct-22	Sooty Shearwater	2	Fly	Yes	A		135
Desgagnes	Nordika Desgagnes	19-Oct-22	Sooty Shearwater	2	Fly	Yes	A		135
Desgagnes	Nordika Desgagnes	19-Oct-22	Sooty Shearwater	2	Fly	Yes	A		135
Desgagnes	Nordika Desgagnes	19-Oct-22	Sooty Shearwater	2	Fly	Yes	A		135
Desgagnes	Nordika Desgagnes	19-Oct-22	Northern Fulmar	3	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	19-Oct-22	Northern Fulmar	3	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	19-Oct-22	Northern Fulmar	3	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	19-Oct-22	Northern Fulmar	3	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	19-Oct-22	Northern Fulmar	3	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	19-Oct-22	Northern Fulmar	3	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	19-Oct-22	Sooty Shearwater	3	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	19-Oct-22	Sooty Shearwater	3	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	19-Oct-22	Sooty Shearwater	3	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	19-Oct-22	Sooty Shearwater	3	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	19-Oct-22	Sooty Shearwater	3	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	19-Oct-22	Sooty Shearwater	3	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	19-Oct-22	Sooty Shearwater	3	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	22-Oct-22	Dovekie	3	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	22-Oct-22	Dovekie	3	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	22-Oct-22	Dovekie	3	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	22-Oct-22	Dovekie	3	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	22-Oct-22	Dovekie	3	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	22-Oct-22	Dovekie	3	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	10-Nov-22	Dovekie	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	10-Nov-22	Dovekie	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	10-Nov-22	Dovekie	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	10-Nov-22	Dovekie	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	10-Nov-22	Dovekie	1	Fly	Yes	A		

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Nordika Desgagnes	10-Nov-22	Dovekie	1	Fly	Yes	A		
Desgagnes	Nordika Desgagnes	10-Nov-22	Northern Fulmar	3	Fly	Yes	A		202
Desgagnes	Nordika Desgagnes	10-Nov-22	Northern Fulmar	3	Fly	Yes	A		202
Desgagnes	Nordika Desgagnes	10-Nov-22	Northern Fulmar	3	Fly	Yes	A		202
Desgagnes	Nordika Desgagnes	10-Nov-22	Northern Fulmar	3	Fly	Yes	A		202
Desgagnes	Nordika Desgagnes	10-Nov-22	Northern Fulmar	3	Fly	Yes	A		202
Desgagnes	Nordika Desgagnes	10-Nov-22	Northern Fulmar	3	Fly	Yes	A		202
Desgagnes	Nordika Desgagnes	10-Nov-22	Northern Fulmar	3	Fly	Yes	A		202
Desgagnes	Claude A Desgagnes	10-Oct-22	Northern Fulmar	1	Fly	No	A	Other	0
Desgagnes	Claude A Desgagnes	10-Oct-22	Northern Fulmar	1	Fly	No	A	Other	0
Desgagnes	Claude A Desgagnes	10-Oct-22	Northern Fulmar	1	Fly	No	A	Other	0
Desgagnes	Claude A Desgagnes	10-Oct-22	Northern Fulmar	1	Fly	No	A	Other	0
Desgagnes	Claude A Desgagnes	10-Oct-22	Northern Fulmar	1	Fly	No	A	Other	0
Desgagnes	Claude A Desgagnes	10-Oct-22	Northern Fulmar	2	Fly	Yes	A	Other	180
Desgagnes	Claude A Desgagnes	10-Oct-22	Northern Fulmar	2	Fly	Yes	A	Other	180
Desgagnes	Claude A Desgagnes	10-Oct-22	Northern Fulmar	2	Fly	Yes	A	Other	180
Desgagnes	Claude A Desgagnes	10-Oct-22	Northern Fulmar	2	Fly	Yes	A	Other	180
Desgagnes	Claude A Desgagnes	10-Oct-22	Northern Fulmar	2	Fly	Yes	A	Other	180
Desgagnes	Claude A Desgagnes	10-Oct-22	Northern Fulmar	2	Fly	Yes	A	Other	180
Desgagnes	Claude A Desgagnes	13-Oct-22	Unknown Gull	2	Fly	Yes	D	Other	120
Desgagnes	Claude A Desgagnes	13-Oct-22	Unknown Gull	2	Fly	Yes	D	Other	120
Desgagnes	Claude A Desgagnes	13-Oct-22	Unknown Gull	2	Fly	Yes	D	Other	120
Desgagnes	Claude A Desgagnes	13-Oct-22	Unknown Gull	2	Fly	Yes	D	Other	120
Desgagnes	Claude A Desgagnes	13-Oct-22	Unknown Gull	2	Fly	Yes	D	Other	120
Desgagnes	Claude A Desgagnes	13-Oct-22	Unknown Gull	2	Fly	Yes	D	Other	120
Desgagnes	Claude A Desgagnes	13-Oct-22	Dovekie	10	Fly	Yes	A	Other	122
Desgagnes	Claude A Desgagnes	13-Oct-22	Dovekie	10	Fly	Yes	A	Other	122
Desgagnes	Claude A Desgagnes	13-Oct-22	Dovekie	10	Fly	Yes	A	Other	122
Desgagnes	Claude A Desgagnes	13-Oct-22	Dovekie	10	Fly	Yes	A	Other	122
Desgagnes	Claude A Desgagnes	13-Oct-22	Dovekie	10	Fly	Yes	A	Other	122
Desgagnes	Claude A Desgagnes	13-Oct-22	Dovekie	10	Fly	Yes	A	Other	122
Desgagnes	Claude A Desgagnes	13-Oct-22	Dovekie	10	Fly	Yes	A	Other	122
Desgagnes	Claude A Desgagnes	13-Oct-22	Dovekie	12	Fly	Yes	A	Other	120
Desgagnes	Claude A Desgagnes	13-Oct-22	Dovekie	12	Fly	Yes	A	Other	120
Desgagnes	Claude A Desgagnes	13-Oct-22	Dovekie	12	Fly	Yes	A	Other	120
Desgagnes	Claude A Desgagnes	13-Oct-22	Dovekie	12	Fly	Yes	A	Other	120
Desgagnes	Claude A Desgagnes	13-Oct-22	Dovekie	12	Fly	Yes	A	Other	120



## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Claude A Desgagnes	13-Oct-22	Dovekie	12	Fly	Yes	A	Other	120
Desgagnes	Claude A Desgagnes	27-Oct-22	Unknown Gull	1	Fly	Yes	B	Other	50
Desgagnes	Claude A Desgagnes	27-Oct-22	Unknown Gull	1	Fly	Yes	B	Other	50
Desgagnes	Claude A Desgagnes	27-Oct-22	Unknown Gull	1	Fly	Yes	B	Other	50
Desgagnes	Claude A Desgagnes	27-Oct-22	Unknown Gull	1	Fly	Yes	B	Other	50
Desgagnes	Claude A Desgagnes	27-Oct-22	Unknown Gull	1	Fly	Yes	B	Other	50
Desgagnes	Claude A Desgagnes	27-Oct-22	Unknown Gull	1	Fly	Yes	B	Other	50
Desgagnes	Acadia Desgagnes	20-Aug-22	Unknown Gull	1	Fly	No		Other	180
Desgagnes	Acadia Desgagnes	20-Aug-22	Unknown Gull	1	Fly	No		Other	180
Desgagnes	Acadia Desgagnes	20-Aug-22	Unknown Gull	1	Fly	No		Other	180
Desgagnes	Acadia Desgagnes	20-Aug-22	Unknown Gull	1	Fly	No		Other	180
Desgagnes	Acadia Desgagnes	20-Aug-22	Unknown Gull	1	Fly	No		Other	180
Desgagnes	Acadia Desgagnes	20-Aug-22	Unknown Gull	1	Fly	No		Other	100
Desgagnes	Acadia Desgagnes	20-Aug-22	Unknown Gull	1	Fly	No		Other	100
Desgagnes	Acadia Desgagnes	20-Aug-22	Unknown Gull	1	Fly	No		Other	100
Desgagnes	Acadia Desgagnes	20-Aug-22	Unknown Gull	1	Fly	No		Other	100
Desgagnes	Acadia Desgagnes	20-Aug-22	Unknown Gull	1	Fly	No		Other	100
Desgagnes	Acadia Desgagnes	20-Aug-22	Unknown Gull	1	Fly	No		Other	100
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	1	Fly	Yes	D	Other	150
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	1	Fly	Yes	D	Other	150
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	1	Fly	Yes	D	Other	150
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	1	Fly	Yes	D	Other	150
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	1	Fly	Yes	D	Other	150
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	1	Fly	Yes	D	Other	150
Desgagnes	Acadia Desgagnes	20-Aug-22	Parasitic Jaeger	1	Fly	Yes	C	Other	140
Desgagnes	Acadia Desgagnes	20-Aug-22	Parasitic Jaeger	1	Fly	Yes	C	Other	140
Desgagnes	Acadia Desgagnes	20-Aug-22	Parasitic Jaeger	1	Fly	Yes	C	Other	140
Desgagnes	Acadia Desgagnes	20-Aug-22	Parasitic Jaeger	1	Fly	Yes	C	Other	140
Desgagnes	Acadia Desgagnes	20-Aug-22	Parasitic Jaeger	1	Fly	Yes	C	Other	140
Desgagnes	Acadia Desgagnes	20-Aug-22	Parasitic Jaeger	1	Fly	Yes	C	Other	140
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	No	A	Other	300
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	No	A	Other	300
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	No	A	Other	300
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	No	A	Other	300
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	No	A	Other	300

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	No	A	Other	300
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	2	Fly	Yes	C	Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	2	Fly	Yes	C	Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	2	Fly	Yes	C	Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	2	Fly	Yes	C	Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	2	Fly	Yes	C	Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	2	Fly	Yes	C	Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	A	Other	
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	A	Other	
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	A	Other	
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	A	Other	
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	A	Other	
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	1	Fly	No	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	1	Fly	No	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	1	Fly	No	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	1	Fly	No	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	1	Fly	No	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	1	Fly	No	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	1	Fly	Yes	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	1	Fly	Yes	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	1	Fly	Yes	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	1	Fly	Yes	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	1	Fly	Yes	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	1	Fly	Yes	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	1	Fly	Yes	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	10	Fly	No	A	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	10	Fly	No	A	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	10	Fly	No	A	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	10	Fly	No	A	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	10	Fly	No	A	Other	103

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	10	Fly	No	A	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	2	Fly	Yes	C	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	2	Fly	Yes	C	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	2	Fly	Yes	C	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	2	Fly	Yes	C	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	2	Fly	Yes	C	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	2	Fly	Yes	C	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	2	Fly	Yes	C	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	5	Fly	Yes	C	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	5	Fly	Yes	C	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	5	Fly	Yes	C	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	5	Fly	Yes	C	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	5	Fly	Yes	C	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	5	Fly	Yes	C	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	1	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	1	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	1	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	1	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	1	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	1	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	2	Fly	Yes	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	2	Fly	Yes	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	2	Fly	Yes	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	2	Fly	Yes	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	2	Fly	Yes	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	2	Fly	Yes	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	4	Fly	Yes	C	Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	4	Fly	Yes	C	Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	4	Fly	Yes	C	Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	4	Fly	Yes	C	Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	4	Fly	Yes	C	Other	10

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	4	Fly	Yes	C	Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	2	Fly	No		Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	2	Fly	No		Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	2	Fly	No		Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	2	Fly	No		Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	2	Fly	No		Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	2	Fly	No		Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Unknown Gull	1	Fly	Yes	D	Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Unknown Gull	1	Fly	Yes	D	Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Unknown Gull	1	Fly	Yes	D	Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Unknown Gull	1	Fly	Yes	D	Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Unknown Gull	1	Fly	Yes	D	Other	10
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	C	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	C	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	C	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	C	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	C	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	C	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	1	Water	No		Rafting	
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	1	Water	No		Rafting	
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	1	Water	No		Rafting	
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	1	Water	No		Rafting	
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	1	Water	No		Rafting	
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	1	Water	No		Rafting	
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	B	Other	
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	B	Other	
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	B	Other	
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	B	Other	
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	B	Other	
Desgagnes	Acadia Desgagnes	20-Aug-22	Northern Fulmar	3	Fly	Yes	B	Other	
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	3	Fly	No	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	3	Fly	No	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	3	Fly	No	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	3	Fly	No	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	3	Fly	No	B	Other	103

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	3	Fly	No	B	Other	103
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	5	Fly	Yes	B	Other	0
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	5	Fly	Yes	B	Other	0
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	5	Fly	Yes	B	Other	0
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	5	Fly	Yes	B	Other	0
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	5	Fly	Yes	B	Other	0
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	5	Fly	Yes	B	Other	0
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	5	Fly	Yes	B	Other	0
Desgagnes	Acadia Desgagnes	20-Aug-22	Glaucous Gull	1	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	20-Aug-22	Glaucous Gull	1	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	20-Aug-22	Glaucous Gull	1	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	20-Aug-22	Glaucous Gull	1	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	20-Aug-22	Glaucous Gull	1	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	20-Aug-22	Glaucous Gull	1	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	1	Fly	Yes	C	Other	300
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	1	Fly	Yes	C	Other	300
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	1	Fly	Yes	C	Other	300
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	1	Fly	Yes	C	Other	300
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	1	Fly	Yes	C	Other	300
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	1	Fly	Yes	C	Other	300
Desgagnes	Acadia Desgagnes	20-Aug-22	Herring Gull	1	Fly	Yes	C	Other	300
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	B	Other	97
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	B	Other	97
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	B	Other	97
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	B	Other	97
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	B	Other	97
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	B	Other	97
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	270
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	270
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	270
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	270
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	270
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	270
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	4	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	4	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	4	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	4	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	4	Fly	Yes	C	Other	180

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	4	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	B	Other	200
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Water	Yes	A	Other	
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Water	Yes	A	Other	
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Water	Yes	A	Other	
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Water	Yes	A	Other	
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Water	Yes	A	Other	
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Water	Yes	A	Other	
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Fly	Yes	C	Other	140
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Fly	Yes	C	Other	140
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Fly	Yes	C	Other	140
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Fly	Yes	C	Other	140
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Fly	Yes	C	Other	140
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Fly	Yes	C	Other	140
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Fly	Yes	B	Other	130
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Fly	Yes	B	Other	130
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Fly	Yes	B	Other	130
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Fly	Yes	B	Other	130
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Fly	Yes	B	Other	130



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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Fly	Yes	B	Other	130
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Fly	Yes	C	Other	270
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Fly	Yes	C	Other	270
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Fly	Yes	C	Other	270
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Fly	Yes	C	Other	270
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Fly	Yes	C	Other	270
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	2	Fly	Yes	C	Other	270
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Unknown Gull	12	Fly	Yes	E	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Unknown Gull	12	Fly	Yes	E	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Unknown Gull	12	Fly	Yes	E	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Unknown Gull	12	Fly	Yes	E	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Unknown Gull	12	Fly	Yes	E	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Unknown Gull	12	Fly	Yes	E	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	D	Other	180

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Unknown Gull	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Unknown Gull	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Unknown Gull	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Unknown Gull	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Unknown Gull	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Unknown Gull	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	150
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	150
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	150
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	150
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	C	Other	150
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	B	Other	84
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	B	Other	84
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	B	Other	84
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	B	Other	84
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	B	Other	84
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	B	Other	84
Desgagnes	Acadia Desgagnes	19-Aug-22	Long-tailed Jaeger	5	Fly	No	C	Other	0
Desgagnes	Acadia Desgagnes	19-Aug-22	Long-tailed Jaeger	5	Fly	No	C	Other	0
Desgagnes	Acadia Desgagnes	19-Aug-22	Long-tailed Jaeger	5	Fly	No	C	Other	0
Desgagnes	Acadia Desgagnes	19-Aug-22	Long-tailed Jaeger	5	Fly	No	C	Other	0
Desgagnes	Acadia Desgagnes	19-Aug-22	Long-tailed Jaeger	5	Fly	No	C	Other	0
Desgagnes	Acadia Desgagnes	19-Aug-22	Long-tailed Jaeger	5	Fly	No	C	Other	0
Desgagnes	Acadia Desgagnes	19-Aug-22	Northern Fulmar	1	Fly	Yes	B	Other	84
Desgagnes	Acadia Desgagnes	19-Aug-22	Northern Fulmar	1	Fly	Yes	B	Other	84
Desgagnes	Acadia Desgagnes	19-Aug-22	Northern Fulmar	1	Fly	Yes	B	Other	84
Desgagnes	Acadia Desgagnes	19-Aug-22	Northern Fulmar	1	Fly	Yes	B	Other	84
Desgagnes	Acadia Desgagnes	19-Aug-22	Northern Fulmar	1	Fly	Yes	B	Other	84
Desgagnes	Acadia Desgagnes	19-Aug-22	Northern Fulmar	1	Fly	Yes	B	Other	84
Desgagnes	Acadia Desgagnes	19-Aug-22	Unknown Gull	1	Fly	Yes	C	Other	100
Desgagnes	Acadia Desgagnes	19-Aug-22	Unknown Gull	1	Fly	Yes	C	Other	100
Desgagnes	Acadia Desgagnes	19-Aug-22	Unknown Gull	1	Fly	Yes	C	Other	100
Desgagnes	Acadia Desgagnes	19-Aug-22	Unknown Gull	1	Fly	Yes	C	Other	100
Desgagnes	Acadia Desgagnes	19-Aug-22	Unknown Gull	1	Fly	Yes	C	Other	100

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Acadia Desgagnes	19-Aug-22	Unknown Gull	1	Fly	Yes	C	Other	100
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	D	Other	90
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	D	Other	90
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	D	Other	90
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	D	Other	90
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	D	Other	90
Desgagnes	Acadia Desgagnes	19-Aug-22	Razorbill	1	Fly	Yes	D	Other	90
Desgagnes	Acadia Desgagnes	18-Aug-22	Herring Gull	1	Fly	Yes	C	Escape Flight	107
Desgagnes	Acadia Desgagnes	18-Aug-22	Herring Gull	1	Fly	Yes	C	Escape Flight	107
Desgagnes	Acadia Desgagnes	18-Aug-22	Herring Gull	1	Fly	Yes	C	Escape Flight	107
Desgagnes	Acadia Desgagnes	18-Aug-22	Herring Gull	1	Fly	Yes	C	Escape Flight	107
Desgagnes	Acadia Desgagnes	18-Aug-22	Herring Gull	1	Fly	Yes	C	Escape Flight	107
Desgagnes	Acadia Desgagnes	18-Aug-22	Razorbill	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	18-Aug-22	Razorbill	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	18-Aug-22	Razorbill	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	18-Aug-22	Razorbill	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	18-Aug-22	Razorbill	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	18-Aug-22	Razorbill	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	18-Aug-22	Razorbill	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	18-Aug-22	Razorbill	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	18-Aug-22	Razorbill	1	Fly	Yes	D	Other	180
Desgagnes	Acadia Desgagnes	18-Aug-22	Razorbill	1	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	18-Aug-22	Razorbill	1	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	18-Aug-22	Razorbill	1	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	18-Aug-22	Razorbill	1	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	18-Aug-22	Razorbill	1	Fly	Yes	C	Other	180
Desgagnes	Acadia Desgagnes	18-Aug-22	Unknown Gull	1	Fly	Yes	C	Other	113
Desgagnes	Acadia Desgagnes	18-Aug-22	Unknown Gull	1	Fly	Yes	C	Other	113
Desgagnes	Acadia Desgagnes	18-Aug-22	Unknown Gull	1	Fly	Yes	C	Other	113
Desgagnes	Acadia Desgagnes	18-Aug-22	Unknown Gull	1	Fly	Yes	C	Other	113
Desgagnes	Acadia Desgagnes	18-Aug-22	Unknown Gull	1	Fly	Yes	C	Other	113
Desgagnes	Acadia Desgagnes	18-Aug-22	Unknown Gull	1	Fly	Yes	C	Other	113
Desgagnes	Acadia Desgagnes	18-Aug-22	Northern Fulmar	1	Fly	Yes	D	Other	0
Desgagnes	Acadia Desgagnes	18-Aug-22	Northern Fulmar	1	Fly	Yes	D	Other	0
Desgagnes	Acadia Desgagnes	18-Aug-22	Northern Fulmar	1	Fly	Yes	D	Other	0
Desgagnes	Acadia Desgagnes	18-Aug-22	Northern Fulmar	1	Fly	Yes	D	Other	0
Desgagnes	Acadia Desgagnes	18-Aug-22	Northern Fulmar	1	Fly	Yes	D	Other	0

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Acadia Desgagnes	18-Aug-22	Northern Fulmar	1	Fly	Yes	D	Other	0
Desgagnes	Acadia Desgagnes	14-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	0
Desgagnes	Acadia Desgagnes	14-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	0
Desgagnes	Acadia Desgagnes	14-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	0
Desgagnes	Acadia Desgagnes	14-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	0
Desgagnes	Acadia Desgagnes	14-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	0
Desgagnes	Acadia Desgagnes	14-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	0
Desgagnes	Acadia Desgagnes	14-Aug-22	Herring Gull	2		No		Other	
Desgagnes	Acadia Desgagnes	14-Aug-22	Herring Gull	2		No		Other	
Desgagnes	Acadia Desgagnes	14-Aug-22	Herring Gull	2		No		Other	
Desgagnes	Acadia Desgagnes	14-Aug-22	Herring Gull	2		No		Other	
Desgagnes	Acadia Desgagnes	14-Aug-22	Herring Gull	2		No		Other	
Desgagnes	Acadia Desgagnes	14-Aug-22	Herring Gull	2		No		Other	
Desgagnes	Acadia Desgagnes	14-Aug-22	Unknown Duck	5	Water	Yes	C	Other	
Desgagnes	Acadia Desgagnes	14-Aug-22	Unknown Duck	5	Water	Yes	C	Other	
Desgagnes	Acadia Desgagnes	14-Aug-22	Unknown Duck	5	Water	Yes	C	Other	
Desgagnes	Acadia Desgagnes	14-Aug-22	Unknown Duck	5	Water	Yes	C	Other	
Desgagnes	Acadia Desgagnes	14-Aug-22	Unknown Duck	5	Water	Yes	C	Other	
Desgagnes	Acadia Desgagnes	14-Aug-22	Unknown Duck	5	Water	Yes	C	Other	
Desgagnes	Acadia Desgagnes	14-Aug-22	Herring Gull	1	Fly	Yes	B	Other	277
Desgagnes	Acadia Desgagnes	14-Aug-22	Herring Gull	1	Fly	Yes	B	Other	277
Desgagnes	Acadia Desgagnes	14-Aug-22	Herring Gull	1	Fly	Yes	B	Other	277
Desgagnes	Acadia Desgagnes	14-Aug-22	Herring Gull	1	Fly	Yes	B	Other	277
Desgagnes	Acadia Desgagnes	14-Aug-22	Herring Gull	1	Fly	Yes	B	Other	277
Desgagnes	Acadia Desgagnes	14-Aug-22	Herring Gull	1	Fly	Yes	B	Other	277
Desgagnes	Acadia Desgagnes	14-Aug-22	Herring Gull	1	Fly	Yes	C	Other	0
Desgagnes	Acadia Desgagnes	14-Aug-22	Herring Gull	1	Fly	Yes	C	Other	0
Desgagnes	Acadia Desgagnes	14-Aug-22	Herring Gull	1	Fly	Yes	C	Other	0
Desgagnes	Acadia Desgagnes	14-Aug-22	Herring Gull	1	Fly	Yes	C	Other	0
Desgagnes	Acadia Desgagnes	14-Aug-22	Herring Gull	1	Fly	Yes	C	Other	0
Desgagnes	Acadia Desgagnes	14-Aug-22	Herring Gull	1	Fly	Yes	C	Other	0
Desgagnes	Acadia Desgagnes	14-Aug-22	Unknown Gull	3	Fly	Yes	E	Other	180
Desgagnes	Acadia Desgagnes	14-Aug-22	Unknown Gull	3	Fly	Yes	E	Other	180
Desgagnes	Acadia Desgagnes	14-Aug-22	Unknown Gull	3	Fly	Yes	E	Other	180
Desgagnes	Acadia Desgagnes	14-Aug-22	Unknown Gull	3	Fly	Yes	E	Other	180
Desgagnes	Acadia Desgagnes	14-Aug-22	Unknown Gull	3	Fly	Yes	E	Other	180

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Acadia Desgagnes	14-Aug-22	Unknown Gull	3	Fly	Yes	E	Other	180
Desgagnes	Acadia Desgagnes	10-Aug-22	Unknown Gull	1	Water	Yes	E	Other	
Desgagnes	Acadia Desgagnes	10-Aug-22	Unknown Gull	1	Water	Yes	E	Other	
Desgagnes	Acadia Desgagnes	10-Aug-22	Unknown Gull	1	Water	Yes	E	Other	
Desgagnes	Acadia Desgagnes	10-Aug-22	Unknown Gull	1	Water	Yes	E	Other	
Desgagnes	Acadia Desgagnes	10-Aug-22	Unknown Gull	1	Water	Yes	E	Other	
Desgagnes	Acadia Desgagnes	10-Aug-22	Unknown Gull	1	Water	Yes	E	Other	
Desgagnes	Acadia Desgagnes	10-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	95
Desgagnes	Acadia Desgagnes	10-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	95
Desgagnes	Acadia Desgagnes	10-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	95
Desgagnes	Acadia Desgagnes	10-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	95
Desgagnes	Acadia Desgagnes	10-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	95
Desgagnes	Acadia Desgagnes	09-Aug-22	Herring Gull	1	Fly	No		Other	80
Desgagnes	Acadia Desgagnes	09-Aug-22	Herring Gull	1	Fly	No		Other	80
Desgagnes	Acadia Desgagnes	09-Aug-22	Herring Gull	1	Fly	No		Other	80
Desgagnes	Acadia Desgagnes	09-Aug-22	Herring Gull	1	Fly	No		Other	80
Desgagnes	Acadia Desgagnes	09-Aug-22	Herring Gull	1	Fly	No		Other	80
Desgagnes	Acadia Desgagnes	09-Aug-22	Herring Gull	1	Fly	No		Other	80
Desgagnes	Acadia Desgagnes	09-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	290
Desgagnes	Acadia Desgagnes	09-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	290
Desgagnes	Acadia Desgagnes	09-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	290
Desgagnes	Acadia Desgagnes	09-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	290
Desgagnes	Acadia Desgagnes	09-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	290
Desgagnes	Acadia Desgagnes	09-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	290
Desgagnes	Acadia Desgagnes	09-Aug-22	Herring Gull	1	Fly	Yes	C	Other	80
Desgagnes	Acadia Desgagnes	09-Aug-22	Herring Gull	1	Fly	Yes	C	Other	80
Desgagnes	Acadia Desgagnes	09-Aug-22	Herring Gull	1	Fly	Yes	C	Other	80
Desgagnes	Acadia Desgagnes	09-Aug-22	Herring Gull	1	Fly	Yes	C	Other	80
Desgagnes	Acadia Desgagnes	09-Aug-22	Herring Gull	1	Fly	Yes	C	Other	80
Desgagnes	Acadia Desgagnes	09-Aug-22	Herring Gull	1	Fly	Yes	C	Other	80
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	3	Fly	Yes	C	Other	140
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	3	Fly	Yes	C	Other	140
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	3	Fly	Yes	C	Other	140
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	3	Fly	Yes	C	Other	140
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	3	Fly	Yes	C	Other	140

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	3	Fly	Yes	C	Other	140
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	D	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	D	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	D	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	D	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	D	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	355
Desgagnes	Acadia Desgagnes	09-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	355
Desgagnes	Acadia Desgagnes	09-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	355
Desgagnes	Acadia Desgagnes	09-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	355
Desgagnes	Acadia Desgagnes	09-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	355
Desgagnes	Acadia Desgagnes	09-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	355
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	82
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	82
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	82
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	82
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	82
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	82
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	A	Other	0
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	A	Other	0
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	A	Other	0
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	A	Other	0
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	A	Other	0
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	A	Other	0
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	28	Fly	Yes	D	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	28	Fly	Yes	D	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	28	Fly	Yes	D	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	28	Fly	Yes	D	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	28	Fly	Yes	D	Other	



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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	28	Fly	Yes	D	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	10	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	10	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	10	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	10	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	10	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	10	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	15	Fly	Yes	D	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	15	Fly	Yes	D	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	15	Fly	Yes	D	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	15	Fly	Yes	D	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	15	Fly	Yes	D	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	7	Fly	No		Other	89
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	7	Fly	No		Other	89
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	7	Fly	No		Other	89
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	7	Fly	No		Other	89
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	7	Fly	No		Other	89
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	7	Fly	No		Other	89
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	3	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	3	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	3	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	3	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	3	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	3	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Fly	Yes	B	Other	340
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Fly	Yes	B	Other	340
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Fly	Yes	B	Other	340
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Fly	Yes	B	Other	340
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Fly	Yes	B	Other	340
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	10	Fly	No		Other	110
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	10	Fly	No		Other	110
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	10	Fly	No		Other	110
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	10	Fly	No		Other	110
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	10	Fly	No		Other	110

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	10	Fly	No		Other	110
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	No		Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	No		Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	No		Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	No		Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	No		Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	No		Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	2	Fly	Yes	B	Other	60
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	2	Fly	Yes	B	Other	60
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	2	Fly	Yes	B	Other	60
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	2	Fly	Yes	B	Other	60
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	2	Fly	Yes	B	Other	60
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	4	Fly	Yes	C	Other	355
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	4	Fly	Yes	C	Other	355
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	4	Fly	Yes	C	Other	355
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	4	Fly	Yes	C	Other	355
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	4	Fly	Yes	C	Other	355
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	4	Fly	Yes	C	Other	355
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	B	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	B	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	B	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	B	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	B	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	B	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	B	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	2	Water	Yes	B	Other	355
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	2	Water	Yes	B	Other	355
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	2	Water	Yes	B	Other	355
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	2	Water	Yes	B	Other	355
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	2	Water	Yes	B	Other	355

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	2	Water	Yes	B	Other	355
Desgagnes	Acadia Desgagnes	09-Aug-22	Unknown Gull	2	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Unknown Gull	2	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Unknown Gull	2	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Unknown Gull	2	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Unknown Gull	2	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Unknown Gull	2	Water	Yes	C	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	85
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	85
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	85
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	85
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	85
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	Yes	C	Other	85
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	C	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	C	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	C	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	C	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	C	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	Yes	C	Other	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	No		Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	No		Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	No		Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	No		Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	No		Rafting	

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Water	No		Rafting	
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	2	Fly	No		Other	180
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	2	Fly	No		Other	180
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	2	Fly	No		Other	180
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	2	Fly	No		Other	180
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	2	Fly	No		Other	180
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	2	Fly	No		Other	180
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	No		Other	70
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	No		Other	70
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	No		Other	70
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	No		Other	70
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	1	Fly	No		Other	70
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	270
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	270
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	270
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	270
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	270
Desgagnes	Acadia Desgagnes	09-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	270
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	9	Fly	No	B	Other	140
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	9	Fly	No	B	Other	140
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	9	Fly	No	B	Other	140
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	9	Fly	No	B	Other	140
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	9	Fly	No	B	Other	140
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	9	Fly	No	B	Other	140
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Fly	Yes	C	Other	230
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Fly	Yes	C	Other	230
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Fly	Yes	C	Other	230
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Fly	Yes	C	Other	230
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Fly	Yes	C	Other	230
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Fly	Yes	C	Other	230
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Fly	Yes	C	Other	20
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Fly	Yes	C	Other	20
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Fly	Yes	C	Other	20
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Fly	Yes	C	Other	20
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Fly	Yes	C	Other	20

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	1	Fly	Yes	C	Other	20
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	2	Fly	Yes	C	Other	0
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	2	Fly	Yes	C	Other	0
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	2	Fly	Yes	C	Other	0
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	2	Fly	Yes	C	Other	0
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	2	Fly	Yes	C	Other	0
Desgagnes	Acadia Desgagnes	09-Aug-22	Razorbill	2	Fly	Yes	C	Other	0
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	3	Both	Yes	D	Rafting	10
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	3	Both	Yes	D	Rafting	10
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	3	Both	Yes	D	Rafting	10
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	3	Both	Yes	D	Rafting	10
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	3	Both	Yes	D	Rafting	10
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	1	Fly	Yes	B	Other	104
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	1	Fly	Yes	B	Other	104
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	1	Fly	Yes	B	Other	104
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	1	Fly	Yes	B	Other	104
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	1	Fly	Yes	B	Other	104
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	1	Fly	Yes	B	Other	104
Desgagnes	Acadia Desgagnes	08-Aug-22	Unknown Gull	1	Water	Yes	E	Rafting	
Desgagnes	Acadia Desgagnes	08-Aug-22	Unknown Gull	1	Water	Yes	E	Rafting	
Desgagnes	Acadia Desgagnes	08-Aug-22	Unknown Gull	1	Water	Yes	E	Rafting	
Desgagnes	Acadia Desgagnes	08-Aug-22	Unknown Gull	1	Water	Yes	E	Rafting	
Desgagnes	Acadia Desgagnes	08-Aug-22	Unknown Gull	1	Water	Yes	E	Rafting	
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	3	Fly	Yes	C	Other	284
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	3	Fly	Yes	C	Other	284
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	3	Fly	Yes	C	Other	284
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	3	Fly	Yes	C	Other	284
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	3	Fly	Yes	C	Other	284
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	3	Fly	Yes	C	Other	284
Desgagnes	Acadia Desgagnes	08-Aug-22	Herring Gull	5	Fly	Yes	C	Other	107
Desgagnes	Acadia Desgagnes	08-Aug-22	Herring Gull	5	Fly	Yes	C	Other	107
Desgagnes	Acadia Desgagnes	08-Aug-22	Herring Gull	5	Fly	Yes	C	Other	107
Desgagnes	Acadia Desgagnes	08-Aug-22	Herring Gull	5	Fly	Yes	C	Other	107
Desgagnes	Acadia Desgagnes	08-Aug-22	Herring Gull	5	Fly	Yes	C	Other	107

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Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Acadia Desgagnes	08-Aug-22	Herring Gull	5	Fly	Yes	C	Other	107
Desgagnes	Acadia Desgagnes	08-Aug-22	Thick-billed Murre	2	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	08-Aug-22	Thick-billed Murre	2	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	08-Aug-22	Thick-billed Murre	2	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	08-Aug-22	Thick-billed Murre	2	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	08-Aug-22	Thick-billed Murre	2	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	08-Aug-22	Thick-billed Murre	2	Water	Yes	B	Rafting	
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	10
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	10
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	10
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	10
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	10
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	2	Fly	Yes	A	Other	10
Desgagnes	Acadia Desgagnes	08-Aug-22	Herring Gull	1	Fly	No		Other	280
Desgagnes	Acadia Desgagnes	08-Aug-22	Herring Gull	1	Fly	No		Other	280
Desgagnes	Acadia Desgagnes	08-Aug-22	Herring Gull	1	Fly	No		Other	280
Desgagnes	Acadia Desgagnes	08-Aug-22	Herring Gull	1	Fly	No		Other	280
Desgagnes	Acadia Desgagnes	08-Aug-22	Herring Gull	1	Fly	No		Other	280
Desgagnes	Acadia Desgagnes	08-Aug-22	Herring Gull	1	Fly	No		Other	280
Desgagnes	Acadia Desgagnes	08-Aug-22	Unknown Gull	1	Fly	No	E	Other	276
Desgagnes	Acadia Desgagnes	08-Aug-22	Unknown Gull	1	Fly	No	E	Other	276
Desgagnes	Acadia Desgagnes	08-Aug-22	Unknown Gull	1	Fly	No	E	Other	276
Desgagnes	Acadia Desgagnes	08-Aug-22	Unknown Gull	1	Fly	No	E	Other	276
Desgagnes	Acadia Desgagnes	08-Aug-22	Unknown Gull	1	Fly	No	E	Other	276
Desgagnes	Acadia Desgagnes	08-Aug-22	Unknown Gull	1	Fly	No	E	Other	276
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	3	Fly	Yes	A	Other	185
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	3	Fly	Yes	A	Other	185
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	3	Fly	Yes	A	Other	185
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	3	Fly	Yes	A	Other	185
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	3	Fly	Yes	A	Other	185
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	3	Fly	Yes	A	Other	185
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	1	Fly	No		Other	115
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	1	Fly	No		Other	115
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	1	Fly	No		Other	115
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	1	Fly	No		Other	115
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	1	Fly	No		Other	115



## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Acadia Desgagnes	08-Aug-22	Northern Fulmar	1	Fly	No		Other	115
Desgagnes	Acadia Desgagnes	13-Aug-22	Black Guillemot	1	Fly	Yes	C	Escape Flight	180
Desgagnes	Acadia Desgagnes	13-Aug-22	Black Guillemot	1	Fly	Yes	C	Escape Flight	180
Desgagnes	Acadia Desgagnes	13-Aug-22	Black Guillemot	1	Fly	Yes	C	Escape Flight	180
Desgagnes	Acadia Desgagnes	13-Aug-22	Black Guillemot	1	Fly	Yes	C	Escape Flight	180
Desgagnes	Acadia Desgagnes	13-Aug-22	Black Guillemot	1	Fly	Yes	C	Escape Flight	180
Desgagnes	Acadia Desgagnes	13-Aug-22	Black Guillemot	1	Fly	Yes	C	Escape Flight	180
Desgagnes	Acadia Desgagnes	13-Aug-22	Herring Gull	1	Fly	Yes	B	Other	80
Desgagnes	Acadia Desgagnes	13-Aug-22	Herring Gull	1	Fly	Yes	B	Other	80
Desgagnes	Acadia Desgagnes	13-Aug-22	Herring Gull	1	Fly	Yes	B	Other	80
Desgagnes	Acadia Desgagnes	13-Aug-22	Herring Gull	1	Fly	Yes	B	Other	80
Desgagnes	Acadia Desgagnes	13-Aug-22	Herring Gull	1	Fly	Yes	B	Other	80
Desgagnes	Acadia Desgagnes	10-Aug-22	Parasitic Jaeger	1	Fly	Yes	A	Other	180
Desgagnes	Acadia Desgagnes	10-Aug-22	Parasitic Jaeger	1	Fly	Yes	A	Other	180
Desgagnes	Acadia Desgagnes	10-Aug-22	Parasitic Jaeger	1	Fly	Yes	A	Other	180
Desgagnes	Acadia Desgagnes	10-Aug-22	Parasitic Jaeger	1	Fly	Yes	A	Other	180
Desgagnes	Acadia Desgagnes	10-Aug-22	Parasitic Jaeger	1	Fly	Yes	A	Other	180
Desgagnes	Acadia Desgagnes	10-Aug-22	Parasitic Jaeger	1	Fly	Yes	A	Other	180
Desgagnes	Acadia Desgagnes	10-Aug-22	Razorbill	1	Water	Yes	B	Other	
Desgagnes	Acadia Desgagnes	10-Aug-22	Razorbill	1	Water	Yes	B	Other	
Desgagnes	Acadia Desgagnes	10-Aug-22	Razorbill	1	Water	Yes	B	Other	
Desgagnes	Acadia Desgagnes	10-Aug-22	Razorbill	1	Water	Yes	B	Other	
Desgagnes	Acadia Desgagnes	10-Aug-22	Razorbill	1	Water	Yes	B	Other	
Desgagnes	Acadia Desgagnes	10-Aug-22	Razorbill	1	Water	Yes	B	Other	
Desgagnes	Acadia Desgagnes	10-Aug-22	Unknown Gull	1	Water	Yes	E	Rafting	
Desgagnes	Acadia Desgagnes	10-Aug-22	Unknown Gull	1	Water	Yes	E	Rafting	
Desgagnes	Acadia Desgagnes	10-Aug-22	Unknown Gull	1	Water	Yes	E	Rafting	
Desgagnes	Acadia Desgagnes	10-Aug-22	Unknown Gull	1	Water	Yes	E	Rafting	
Desgagnes	Acadia Desgagnes	10-Aug-22	Unknown Gull	1	Water	Yes	E	Rafting	
Desgagnes	Acadia Desgagnes	10-Aug-22	Unknown Gull	1	Water	Yes	E	Rafting	
Desgagnes	Acadia Desgagnes	10-Aug-22	Parasitic Jaeger	2	Fly	Yes	B	Other	275
Desgagnes	Acadia Desgagnes	10-Aug-22	Parasitic Jaeger	2	Fly	Yes	B	Other	275
Desgagnes	Acadia Desgagnes	10-Aug-22	Parasitic Jaeger	2	Fly	Yes	B	Other	275
Desgagnes	Acadia Desgagnes	10-Aug-22	Parasitic Jaeger	2	Fly	Yes	B	Other	275
Desgagnes	Acadia Desgagnes	10-Aug-22	Parasitic Jaeger	2	Fly	Yes	B	Other	275

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Acadia Desgagnes	10-Aug-22	Parasitic Jaeger	2	Fly	Yes	B	Other	275
Desgagnes	Acadia Desgagnes	08-Aug-22	Iceland Gull	1	Fly	Yes	B	Other	105
Desgagnes	Acadia Desgagnes	08-Aug-22	Iceland Gull	1	Fly	Yes	B	Other	105
Desgagnes	Acadia Desgagnes	08-Aug-22	Iceland Gull	1	Fly	Yes	B	Other	105
Desgagnes	Acadia Desgagnes	08-Aug-22	Iceland Gull	1	Fly	Yes	B	Other	105
Desgagnes	Acadia Desgagnes	08-Aug-22	Iceland Gull	1	Fly	Yes	B	Other	105
Desgagnes	Acadia Desgagnes	08-Aug-22	Iceland Gull	1	Fly	Yes	B	Other	105
Desgagnes	Acadia Desgagnes	08-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	210
Desgagnes	Acadia Desgagnes	08-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	210
Desgagnes	Acadia Desgagnes	08-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	210
Desgagnes	Acadia Desgagnes	08-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	210
Desgagnes	Acadia Desgagnes	08-Aug-22	Unknown Gull	1	Fly	Yes	E	Other	210
	Tuvaq W.	26-Oct-22	Unknown Gull	1	Fly	Yes		Other	330
	Tuvaq W.	26-Oct-22	Unknown Gull	1	Fly	Yes		Other	330
	Tuvaq W.	26-Oct-22	Unknown Gull	1	Fly	Yes		Other	330
	Tuvaq W.	26-Oct-22	Unknown Gull	1	Fly	Yes	A	Other	270
	Tuvaq W.	26-Oct-22	Unknown Gull	1	Fly	Yes	A	Other	270
	Tuvaq W.	26-Oct-22	Unknown Gull	1	Fly	Yes	A	Other	270
	Tuvaq W.	26-Oct-22	Unknown Gull	1	Fly	Yes	A	Other	270
	Tuvaq W.	26-Oct-22	Unknown Gull	1	Fly	Yes	A	Other	270
	Tuvaq W.	26-Oct-22	Unknown Gull	1	Fly	Yes	A	Other	270
CSL	Kivalliq W.	14-Jul-22	Common Eider	4	Fly	Yes	D	Other	45
CSL	Kivalliq W.	14-Jul-22	Common Eider	4	Fly	Yes	D	Other	45
CSL	Kivalliq W.	14-Jul-22	Common Eider	4	Fly	Yes	D	Other	45
CSL	Kivalliq W.	14-Jul-22	Common Eider	4	Fly	Yes	D	Other	45
CSL	Kivalliq W.	14-Jul-22	Common Eider	4	Fly	Yes	D	Other	45
CSL	Kivalliq W.	14-Jul-22	Common Eider	4	Fly	Yes	D	Other	45
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Water		A	Rafting	
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Water		A	Rafting	
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Water		A	Rafting	
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Water		A	Rafting	
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Water		A	Rafting	
	Nordika Desgagnes	11-Jul-22	Razorbill	6	Water		A	Rafting	
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	20	Fly	Yes	C	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	20	Fly	Yes	C	Other	330

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	20	Fly	Yes	C	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	20	Fly	Yes	C	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	20	Fly	Yes	C	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	20	Fly	Yes	C	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	11	Fly	Yes	C	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	11	Fly	Yes	C	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	11	Fly	Yes	C	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	11	Fly	Yes	C	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	11	Fly	Yes	C	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	11	Fly	Yes	C	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	5	Fly	Yes	D	Other	30
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	5	Fly	Yes	D	Other	30
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	5	Fly	Yes	D	Other	30
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	5	Fly	Yes	D	Other	30
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	5	Fly	Yes	D	Other	30
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	5	Fly	Yes	D	Other	30
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	8	Fly	Yes	B	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	8	Fly	Yes	B	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	8	Fly	Yes	B	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	8	Fly	Yes	B	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	8	Fly	Yes	B	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	8	Fly	Yes	B	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	14	Fly	Yes	B	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	14	Fly	Yes	B	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	14	Fly	Yes	B	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	14	Fly	Yes	B	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	14	Fly	Yes	B	Other	330
Coastal Shipping	Tuvaq W.	13-Aug-22	Unknown Gull	14	Fly	Yes	B	Other	330
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	2		No	C	Other	

## Appendix F: Seabird Observation Data, 2022

Company/Agency	Platform Name	Survey Date	Species	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	2		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	1		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	1		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	1		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	1		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	1		No	C	Other	
Desgagnes	Zelada Desgagnes	01-Sep-22	Unknown Goose	1		No	C	Other	

## **APPENDIX G      SEABIRD DISTANCE ANALYSIS: TOP THREE AIC-RATED DISTANCE MODELS, MOVING VESSEL SURVEYS**

Year	Model Key and Adjustment	Detection Estimate	Detection SE <sup>1</sup>	$\Delta$ AIC <sup>2</sup>
All Years	Uniform with cosine adjustment	0.419	0.023	0
	Hazard-rate	0.439	0.015	4.389
	Half-normal	0.482	0.009	82.946
2019	Hazard-rate with cosine adjustment	0.426	0.056	0.000
	Half-normal with cosine adjustment	0.467	0.041	4.762
	Hazard-rate, no adjustment	0.418	0.072	12.705
2020	Hazard-rate with cosine adjustment	0.337	0.033	0.000
	Half-normal with cosine adjustment	0.321	0.031	1.093
	Hazard-rate, no adjustment	0.356	0.046	2.839
2021	Hazard-rate, no adjustment	0.425	0.021	0.000
	Half-normal with cosine adjustment	0.416	0.031	2.072
	Uniform with cosine adjustment	0.405	0.016	2.461
2022	Hazard-rate with cosine adjustment*	0.500	0.2574	0.000
	Hazard-rate with polynomial adjustment*	0.500	0.2574	0.000
	Hazard-rate with no adjustment*	0.500	0.2574	0.000

Notes:

<sup>1</sup> Standard Error (SE).

<sup>2</sup> Akaike's Information Criteria (AIC), presented as the relative difference in ranking model fit. The lowest value is the best fit model.

\* The top three models in 2022 were all hazard-rate models with differing adjustment terms. These models all shared detection estimate and AIC values.



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**ERM's Toronto Office**

120 Adelaide Street West, Suite 2010  
Toronto, ON  
Canada M5H 1T1

T: +1 416 646 3608

F: +1 416 642 1269

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