

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- grey 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- grey 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



AGNICO EAGLE

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

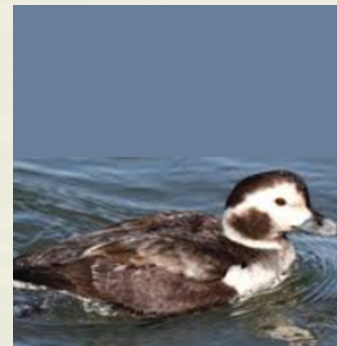
Body: Large; wedge-shaped head, mainly white face, neck and back (male)



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



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



Sea Ducks/Seabirds

Surf Scoter

Size: L 20" WS 30" WT 2.1 lbs

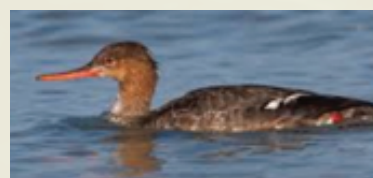
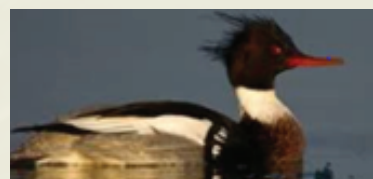
Body: Medium; dark-bodied sea duck; large multicoloured bill (male)



Red-breasted Merganser

Size: L 25" WS 34" WT 2.3 lbs

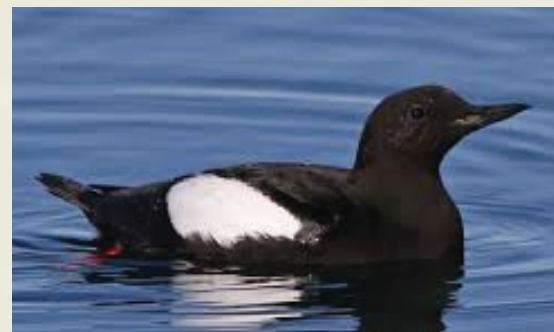
Body: Large; thin-billed, black, tufted-head, white neck (male)



Black Guillemot

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

Body: Small; chunky, black body, white wings



ATTACHMENT D INCIDENTAL MARINE WILDLIFE SIGHTINGS FORM

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 ¹		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> _____ OR <i>Maximum/Minimum:</i> _____		
Behaviour	Mammals: <i>Swimming</i> <i>Diving</i> <i>Feeding</i> <i>Dead</i> <i>Resting on land</i> <i>Resting on ice</i> <i>Other:</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): _____		
Other notes (e.g., physical descriptions, distinctive behaviours, drawing)		Position & Travel Relative to Ship [draw arrow]	 OR <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: RESULT:	

¹ Refer to list of species in the ID Guides

APPENDIX D MARINE MAMMAL SURVEY DATA AND SIGHTINGS INFORMATION, 2025

APPENDIX D: MARINE MAMMAL SURVEY DATA AND SIGHTINGS INFORMATION, 2025

Vessel Name	Survey Target	Date	Survey Type	Temporal Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Visibility (km)	Weather Notes	Glare Condition Notes	Sea State Code	Wave Height (m)	Wind Speed (Beaufort Scale)	True Wind Direction (deg)	Species	Count
NORDIKA DESGAGNÉS	Mammals	6/25/2025	Transect	01:00:00	61.484	-61.4845	61.4845	-62.06766667	10	Cloudy	None	Rippled	0.3	Light Wind	0	Unknown Dolphin	20
NORDIKA DESGAGNÉS	Mammals	6/26/2025	Stationary	01:30:00	61.00033333	-64.61766667	61.01666667	-64.667	15	Fog	None	Rippled	0.5	Light Wind	280	No Observations	
NORDIKA DESGAGNÉS	Mammals	6/27/2025	Transect	01:30:00	61.48383333	-68.96766667	61.6845	-69.501	12	Clear or Partly Cloudy	None	Wavelets	0.8	Light Wind	300	No Observations	
NORDIKA DESGAGNÉS	Mammals	6/28/2025	Transect	02:00:00	62.884	-78.38433333	62.76783333	-79.08333333	0.1	Fog	None	Rippled	0.3	Light Wind	30	No Observations	
NORDIKA DESGAGNÉS	Mammals	6/29/2025	Transect	02:00:00	62.15	-86.35016667	62.21816667	-87.217	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind	275	Harbour Seal	3
NORDIKA DESGAGNÉS	Mammals	6/30/2025	Stationary	01:40:00	62.601	-91.01783333	62.617	-91.06733333	0.1	Fog	None	Rippled	0.3	Light Wind	275	No Observations	
NORDIKA DESGAGNÉS	Mammals	7/1/2025	Stationary	01:30:00	62.76783333	-92.08483333	62.76783333	-92.08466667	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind	105	No Observations	
NORDIKA DESGAGNÉS	Mammals	7/2/2025	Stationary	01:30:00	62.76766667	-92.084	62.76766667	-92.084	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind	250	No Observations	
NORDIKA DESGAGNÉS	Mammals	7/3/2025	Stationary	01:30:00	62.76716667	-92.08433333	62.7675	-92.08416667	12	Cloudy	None	Rippled	0.3	Light Wind	315	No Observations	
NORDIKA DESGAGNÉS	Mammals	7/4/2025	Stationary	00:30:00	62.76766667	-92.08466667	62.76766667	-92.08466667	12	Cloudy	None	Rippled	0.8	Light Wind	100	No Observations	
NORDIKA DESGAGNÉS	Mammals	7/5/2025	Stationary	01:30:00	62.7675	-92.084	62.7675	-92.084	12	Clear or Partly Cloudy	None	Wavelets	0.9	Strong Wind	308	No Observations	
NORDIKA DESGAGNÉS	Mammals	7/6/2025	Stationary	01:30:00	62.7675	-92.084	62.7675	-92.084	12	Clear or Partly Cloudy	None	Wavelets	1	Strong Wind	310	No Observations	
NORDIKA DESGAGNÉS	Mammals	7/7/2025	Stationary	01:30:00	62.7675	-92.08416667	62.7675	-92.08383333	12	Clear or Partly Cloudy	None	Rippled	0.3	Calm	345	No Observations	
ANNETTE A DESGAGNÉS	Mammals	7/7/2025	Transect	01:32:00	61.14666667	-66.92333333	61.295	-66.61333333	15	Clear or Partly Cloudy	Slight/ Grey	Moderate	1.5	Light Wind	240	No Observations	
NORDIKA DESGAGNÉS	Mammals	7/8/2025	Transect	01:30:00	62.43466667	-89.3675	62.36766667	-88.60116667	12	Clear or Partly Cloudy	None	Wavelets	1	Strong Wind	180	No Observations	
NORDIKA DESGAGNÉS	Mammals	7/9/2025	Transect	02:00:00	61.9015	-83.46766667	61.93383333	-82.45083333	12	Clear or Partly Cloudy	None	Wavelets	1.5	Strong Wind	190	No Observations	
NORDIKA DESGAGNÉS	Mammals	7/10/2025	Transect	02:00:00	62.28366667	-71.70083333	62.11683333	-70.35016667	12	Cloudy	None	Slight	1.5	Strong Wind	215	Harbour Seal	1
ANNETTE A DESGAGNÉS	Mammals	7/13/2025	Transect	01:35:00	62.25666667	-71.325	62.38666667	-72.01666667	15	Clear or Partly Cloudy	None	Moderate	1	Light Wind	100	No Observations	
ANNETTE A DESGAGNÉS	Mammals	7/13/2025	Transect	01:30:00	62.93833333	-77.1	62.9535	-77.80016667	12	Clear or Partly Cloudy	None	Moderate	1	Light Wind	95	No Observations	
ANNETTE A DESGAGNÉS	Mammals	7/14/2025	Transect	01:30:00	63.06833333	-83.11	63.04833333	-83.72166667	7	Fog	None	Rough	2	Strong Wind	0	No Observations	
ANNETTE A DESGAGNÉS	Mammals	7/14/2025	Transect	01:47:00	62.82166667	-88.02666667	62.75833333	-88.80683333	15	Clear or Partly Cloudy	Slight/ Grey	Rough	2	Strong Wind	300	No Observations	
MIENA DESGAGNÉS	Mammals	7/17/2025	Transect	01:35:00	60.518	-62.6505	60.66816667	-63.28466667	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind	205	No Observations	
MIENA DESGAGNÉS	Mammals	7/18/2025	Transect	01:17:00	61.95016667	-69.96683333	62.05066667	-70.51783333	1	Clear or Partly Cloudy		Slight	0.5	Light Wind	112	No Observations	
MIENA DESGAGNÉS	Mammals	7/18/2025	Transect	01:54:00	62.4335	-72.90083333	62.51783333	-73.81816667	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind	100	No Observations	
MIENA DESGAGNÉS	Mammals	7/19/2025	Transect	01:30:00	62.15016667	-82.03483333	62.05083333	-82.73333333	1	Clear or Partly Cloudy		Slight	0.5	Light Wind	0	No Observations	
MIENA DESGAGNÉS	Mammals	7/19/2025	Transect	01:59:00	62.1	-84.28366667	62.26683333	-85.11716667	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind	351	No Observations	
MIENA DESGAGNÉS	Mammals	7/20/2025	Transect	01:39:00	63.71733333	-91.71783333	63.75066667	-92.38483333	1	Medium to Heavy Rain	Slight/ Grey	Slight	0.2	Light Wind	270	No Observations	
MIENA DESGAGNÉS	Mammals	7/20/2025	Transect	01:18:00	63.88466667	-92.93416667	63.96716667	-93.48433333	10	Cloudy	Slight/ Grey	Rippled	0.5	Light Wind	272	No Observations	
QIKIQTAALUK W	Mammals	7/21/2025	Transect	01:00:00	62.52333333	-91.15333333	62.65666667	-91.30333333	16	Clear or Partly Cloudy	None	Wavelets	0.3	Calm	150	No Observations	
QIKIQTAALUK W	Mammals	7/22/2025	Stationary						10	Medium to Heavy Rain	None	Rough	2	Strong Wind	0	No Observations	
ANNETTE A DESGAGNÉS	Mammals	7/24/2025	Transect	01:30:00	62.29	-85.14666667	62.15666667	-84.40166667	15	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind	12	No Observations	
ANNETTE A DESGAGNÉS	Mammals	7/24/2025	Transect	01:30:00	62.57333333	-79.01166667	62.64833333	-78.15	0.2	Fog	None	Rippled	0.1	Light Wind	10	No Observations	
ANNETTE A DESGAGNÉS	Mammals	7/25/2025	Transect	01:30:00	62.29	-72.40333333	62.11666667	-71.63833333	16	Clear or Partly Cloudy	Slight/ Grey		0.3	Calm	162	No Observations	
KIVALLIQ W	Mammals	7/25/2025	Stationary	01:00:00	64.29833333	-95.95333333	64.29833333	-95.95333333	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind	45	No Observations	
ANNETTE A DESGAGNÉS	Mammals	7/25/2025	Transect	01:30:00	61.02166667	-66.96333333	60.91666667	-66.46333333	15	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind	180	No Observations	
QIKIQTAALUK W	Mammals	7/25/2025	Transect	01:00:00	62.75666667	-91.985	62.68166667	-91.53333333	15	Clear or Partly Cloudy	None	Wavelets	0.1	Light Wind	160	No Observations	
KIVALLIQ W	Mammals	7/26/2025	Stationary	01:00:00	64.29833333	-95.95333333	64.29833333	-95.95333333	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind	50	No Observations	
QIKIQTAALUK W	Mammals	7/26/2025	Transect	01:00:00	62.51333333	-91.15666667	62.62833333	-91.14666667	15	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind	130	No Observations	
KIVALLIQ W	Mammals	7/27/2025	Stationary	01:00:00	64.29833333	-95.95333333	64.29833333	-95.95333333	10	Clear or Partly Cloudy	Slight/ Grey	Slight	0.4	Strong Wind	350	No Observations	
KIVALLIQ W	Mammals	7/28/2025	Stationary	01:00:00	64.11833333	-94.37166667	64.11833333	-94.37166667	10			Wavelets	0.2		345	No Observations	
NORDIKA DESGAGNÉS	Mammals	7/28/2025	Transect	01:30:00	61.43383333	-67.48366667	61.55	-68.06783333	12	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind	220	No Observations	
NORDIKA DESGAGNÉS	Mammals	7/29/2025	Transect	02:00:00	62.51666667	-74.80083333	62.5015	-75.68333333	2	Fog		Wavelets	1	Light Wind	270	No Observations	
KIVALLIQ W	Mammals	7/29/2025	Stationary	01:00:00	64.11833333	-94.37166667	64.11833333	-94.37166667	10	Clear or Partly Cloudy	None	Slight	0.3	Strong Wind	45	No Observations	
KIVALLIQ W	Mammals	7/30/2025	Stationary	01:00:00	64.11833333	-94.37166667	64.11833333	-94.37166667	10	Clear or Partly Cloudy	None	Wavelets	0.2		45	No Observations	
NORDIKA DESGAGNÉS	Mammals	7/30/2025	Transect	01:30:00	62.701	-87.7845	62.76733333	-88.08433333	12	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind	300	No Observations	
MIENA DESGAGNÉS	Mammals	7/31/2025	Transect	01:47:00	62.65033333	-87.08433333	62.484	-86.267	1	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.2	Light Wind	315	No Observations	
KIVALLIQ W	Mammals	7/31/2025	Stationary	01:00:00	64.29833333	-95.95333333	64.29833333	-95.95333333	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind	90	No Observations	
QIKIQTAALUK W	Mammals	7/31/2025	Transect	01:00:00	63.11333333	-90.33833333	63.26333333	-90.43833333	20	Clear or Partly Cloudy	None	Slight	0.25	Strong Wind	225	No Observations	
MIENA DESGAGNÉS	Mammals	7/31/2025	Transect	01:49:00	61.98466667	-83.76816667	61.98433333	-82.88433333	20	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind		Unknown Seal	1
NORDIKA DESGAGNÉS	Mammals	7/31/2025	Transect	02:00:00	63.9335	-93.61733333	63.9335	-93.61733333	12	Clear or Partly Cloudy	None	Rippled	0.5	Calm	300	No Observations	

APPENDIX D: MARINE MAMMAL SURVEY DATA AND SIGHTINGS INFORMATION, 2025

Vessel Name	Survey Target	Date	Survey Type	Temporal Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Visibility (km)	Weather Notes	Glare Condition Notes	Sea State Code	Wave Height (m)	Wind Speed (Beaufort Scale)	True Wind Direction (deg)	Species	Count
NORDIKA DESGAGNÉS	Mammals	8/1/2025	Stationary	02:00:00	63.91816667	-93.617	63.91816667	-93.617	12	Cloudy	None	Rippled	0.2	Light Wind	360	No Observations	
MIENA DESGAGNÉS	Mammals	8/1/2025	Transect	01:38:00	62.51733333	-74.318	62.50116667	-73.36783333	1	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0	Light Wind	202	No Observations	
KIVALLIQ W	Mammals	8/1/2025	Stationary	01:00:00	64.29833333	-95.95333333	64.29833333	-95.95333333	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind		No Observations	
QIKIQTAALUK W	Mammals	8/1/2025	Stationary	01:00:00	63.94	-93.63833333	63.94	-93.63833333	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Light Wind	300	No Observations	
MIENA DESGAGNÉS	Mammals	8/1/2025	Transect	01:47:00	62.234	-71.7505	62.06816667	-70.93416667	20	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind	158	Harp Seal	1
NORDIKA DESGAGNÉS	Mammals	8/2/2025	Stationary	02:00:00	63.91816667	-93.61716667	63.91816667	-93.61716667	12	Clear or Partly Cloudy	None	Wavelets	0.5	Strong Wind	310	No Observations	
MIENA DESGAGNÉS	Mammals	8/2/2025	Transect	01:48:00	60.68483333	-64.05033333	60.4	-63.534	1	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind	247	No Observations	
KIVALLIQ W	Mammals	8/2/2025	Stationary	01:00:00	64.29833333	-95.95333333	64.29833333	-95.95333333	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind	45	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/3/2025	Stationary	02:00:00	63.93333333	-93.61683333	63.93333333	-93.61683333	12	Clear or Partly Cloudy	None	Wavelets	0.5	Strong Wind	300	No Observations	
KIVALLIQ W	Mammals	8/3/2025	Stationary	01:00:00	64.29833333	-95.95333333	64.29833333	-95.95333333	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind	35	No Observations	
KIVALLIQ W	Mammals	8/4/2025	Stationary	01:00:00	64.11833333	-94.37166667	64.11833333	-94.37166667	5	Cloudy	None	Moderate	0.4	Strong Wind	25	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/4/2025	Transect	02:00:00	63.2345	-90.41666667	63.03416667	-90.33333333	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind	130	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/5/2025	Transect	02:00:00	62.61783333	-90.701	62.63466667	-91.23483333	0.5	Fog	None	Rippled	0.3	Strong Wind	180	No Observations	
KIVALLIQ W	Mammals	8/5/2025	Stationary	01:00:00	64.29833333	-95.95333333	64.29833333	-95.95333333	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind	45	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/6/2025	Stationary	02:00:00	62.76766667	-92.08383333	62.76766667	-92.08383333	12	Cloudy	None	Wavelets	0.5	Strong Wind	250	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/6/2025	Transect	00:55:00	60.81666667	-65.71666667	60.83333333	-66.1	20	Cloudy	None	Wavelets	1	Light Wind	215	No Observations	
KIVALLIQ W	Mammals	8/6/2025	Stationary	01:00:00	64.29833333	-95.95333333	64.29833333	-95.95333333	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind		No Observations	
NORDIKA DESGAGNÉS	Mammals	8/6/2025	Transect	00:55:00	61.245	-68.64333333	61.32833333	-69.02166667	1	Fog		Wavelets	0.5	Strong Wind		No Observations	
QIKIQTAALUK W	Mammals	8/6/2025	Transect	01:00:00	63.92666667	-93.26166667			15	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Strong Wind	315	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/7/2025	Stationary	02:00:00	62.76733333	-92.084	62.76733333	-92.084	12	Clear or Partly Cloudy	None	Wavelets	0.5	Strong Wind	0	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/7/2025	Stationary	00:55:00	61.94	-72.24833333	61.94	-72.24833333	1	Fog	Slight/ Grey	Wavelets	0.5	Light Wind	355	No Observations	
KIVALLIQ W	Mammals	8/7/2025	Stationary	01:00:00	64.11833333	-94.37166667	64.11833333	-94.37166667	10	Cloudy	None	Wavelets	0.2	Light Wind		No Observations	
NORDIKA DESGAGNÉS	Mammals	8/7/2025	Transect	00:35:00	62.4	-72.68333333	62.48333333	-73		Fog	None	Rippled	1	Light Wind	315	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/8/2025	Stationary	02:00:00	62.76766667	-92.084	62.76766667	-92.084	12	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind	195	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/8/2025	Transect	00:55:00	62.31666667	-80.9	62.23333333	-81.28333333	20	Clear or Partly Cloudy	None	Wavelets	1	Light Wind	315	No Observations	
KIVALLIQ W	Mammals	8/8/2025	Stationary	01:00:00	64.11833333	-94.37166667	64.11833333	-94.37166667	10	Cloudy	None	Slight	0.3	Strong Wind	340	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/8/2025	Transect	00:55:00	61.91	-83.07833333	61.90666667	-83.54333333	5	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind		No Observations	
NORDIKA DESGAGNÉS	Mammals	8/9/2025	Stationary	02:00:00	62.26733333	-92.08416667	62.28233333	-92.08416667	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind	5	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/9/2025	Transect	00:55:00	63.31666667	-90.53333333	63.4	-90.71666667	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind	360	No Observations	
KIVALLIQ W	Mammals	8/9/2025	Stationary	01:00:00	64.29833333	-95.95333333	64.29833333	-95.95333333	10	Clear or Partly Cloudy	None	Slight	0.3	Light Wind	340	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/9/2025	Transect	00:55:00	63.715	-91.98	63.765	-92.39833333	5	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind	0	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/10/2025	Stationary	01:00:00	63.925	-63.925	63.925	-63.925	10	Clear or Partly Cloudy	None	Rippled	0	Calm		No Observations	
KIVALLIQ W	Mammals	8/10/2025	Stationary	01:00:00	64.29833333	-95.95333333	64.29833333	-95.95333333	10	Cloudy	None	Moderate	0.4	Strong Wind	150	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/10/2025	Transect	02:00:00	62.284	-87.75	62.18416667	-86.75033333	12	Cloudy	None	Wavelets	0.5		110	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/11/2025	Stationary	01:00:00	63.925	-93.61833333			5	Cloudy	None	Wavelets	1	Light Wind	25	No Observations	
KIVALLIQ W	Mammals	8/11/2025	Stationary	01:00:00	64.29833333	-95.95333333	64.29833333	-95.95333333	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind	150	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/11/2025	Transect	01:30:00	62.65133333	-79.11716667	62.48466667	-78.71783333	10	Cloudy	Slight/ Grey	Wavelets	1	Light Wind	50	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/12/2025	Stationary	01:00:00	63.925	-93.61833333			10	Clear or Partly Cloudy	None	Wavelets	2	Calm	360	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/12/2025	Transect	02:00:00	61.7845	-70.96683333	61.50116667	-70.20033333	1	Fog		Wavelets	0.5	Light Wind	135	No Observations	
KIVALLIQ W	Mammals	8/12/2025	Stationary	01:00:00	64.29833333	-95.95333333	64.29833333	-95.95333333	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind	150	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/12/2025	Transect	01:30:00	61.06683333	-68.567	60.98383333	-67.88333333	112	Fog	Slight/ Grey	Wavelets	1		100	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/13/2025	Stationary	01:00:00	63.925	-93.61833333			10	Clear or Partly Cloudy	None	Rippled	1	Light Wind	360	No Observations	
KIVALLIQ W	Mammals	8/13/2025	Stationary	01:00:00	64.29833333	-95.95333333	64.29833333	-95.95333333	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind	150	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/14/2025	Stationary	01:00:00	63.925	-93.61833333			10	Clear or Partly Cloudy	None	Glassy		Calm		No Observations	
KIVALLIQ W	Mammals	8/14/2025	Stationary	01:00:00	64.28333333	-95.95333333	64.28333333	-95.95333333	18	Clear or Partly Cloudy		Wavelets	0.2	Calm	40	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/15/2025	Stationary	01:00:00	63.92666667	-93.65			10	Clear or Partly Cloudy		Rippled		Light Wind	315	No Observations	
KIVALLIQ W	Mammals	8/15/2025	Stationary	01:30:00	64.28333333	-95.95333333	64.28333333	-95.95333333	18	Clear or Partly Cloudy		Wavelets	0.2	Calm	202	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/16/2025	Stationary	01:00:00	63.92666667				10	Cloudy	None	Rippled	1	Light Wind	315	No Observations	
KIVALLIQ W	Mammals	8/16/2025	Stationary	01:00:00	64.28333333	-95.95333333	64.28333333	-95.95333333	18	Clear or Partly Cloudy		Wavelets	0.2	Calm	30	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/17/2025	Stationary	01:00:00	63.92666667	-93.61666667			10	Clear or Partly Cloudy		Rippled	1	Light Wind	270	No Observations	

APPENDIX D: MARINE MAMMAL SURVEY DATA AND SIGHTINGS INFORMATION, 2025

Vessel Name	Survey Target	Date	Survey Type	Temporal Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Visibility (km)	Weather Notes	Glare Condition Notes	Sea State Code	Wave Height (m)	Wind Speed (Beaufort Scale)	True Wind Direction (deg)	Species	Count
KIVALLIQ W	Mammals	8/17/2025	Stationary	01:30:00	64.28333333	-95.95333333	64.28333333	-95.95333333	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	Calm		No Observations	
KIVALLIQ W	Mammals	8/18/2025	Stationary	01:00:00	64.28333333	-95.95333333	64.28333333	-95.95333333	18	Clear or Partly Cloudy		Wavelets	0.2	Calm	25	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/18/2025	Transect	00:55:00	63.28333333	-90.46666667	63.21666667	-90.03333333	15	Cloudy	None	Wavelets	1	Light Wind	135	No Observations	
KIVALLIQ W	Mammals	8/19/2025	Stationary	01:30:00	64.28333333	-95.95333333	64.28333333	-95.95333333	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	Calm	135	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/20/2025	Transect	00:55:00	62.01666667	-71.36666667	61.9	-71	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind	135	No Observations	
KIVALLIQ W	Mammals	8/20/2025	Stationary	01:00:00	64.28333333	-95.95333333	64.28333333	-95.95333333	18	Clear or Partly Cloudy		Wavelets	0.2	Calm	30	No Observations	
NORDIKA DESGAGNÉS	Mammals	8/20/2025	Transect	00:55:00	61.445	-69.29833333	61.35	-68.91	5	Clear or Partly Cloudy	None	Slight	0.5	Light Wind	81	Bearded Seal	1
NORDIKA DESGAGNÉS	Mammals	8/21/2025	Transect	00:55:00	60.27833333	-62.845	60.20333333	-62.47	0	Fog	Bright on Observer's Side	Rough	1	Light Wind	40	No Observations	
KIVALLIQ W	Mammals	8/21/2025	Stationary	01:30:00	64.28333333	-95.95333333	64.28333333	-95.95333333	18	Cloudy	None	Wavelets	0.3	Light Wind	90	No Observations	
KIVALLIQ W	Mammals	8/22/2025	Stationary	01:00:00	64.28333333	-95.95333333	64.28333333	-95.95333333	18	Clear or Partly Cloudy		Wavelets	0.2	Calm	25	No Observations	
KIVALLIQ W	Mammals	8/23/2025	Stationary	01:30:00	64.28333333	-95.95333333	64.28333333	-95.95333333	18	Cloudy	None	Wavelets	0.3	Light Wind	180	No Observations	
KIVALLIQ W	Mammals	8/24/2025	Stationary	01:00:00	64.28333333	-95.95333333	64.28333333	-95.95333333	18	Clear or Partly Cloudy		Wavelets	0.2	Calm	10	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/3/2025	Transect	01:30:00	60.80066667	-66.66683333	60.8845	-67.28383333	15	Clear or Partly Cloudy	None	Slight	1	Light Wind	292	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/4/2025	Transect	01:30:00	62.5015	-74.83483333	62.51666667	-75.40066667	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind	180	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/5/2025	Transect	01:30:00	62.0345	-85.28366667	62.11716667	-86.01783333	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Light Wind	45	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/6/2025	Stationary	01:30:00	62.7675	-92.0845	62.7675	-92.0845	12	Cloudy	None	Rippled	0.5	Strong Wind	10	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/7/2025	Transect	02:00:00	63.08383333	-90.3335	63.33483333	-90.60133333	12	Cloudy	None	Slight	1.3	Strong Wind	310	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/8/2025	Transect	00:55:00	60.5	-64.31666667	60.53333333	-64.85	12	Fog	None	Moderate	1	Strong Wind	315	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/8/2025	Stationary	02:00:00	63.93333333	-93.61716667	63.93333333	-93.61716667	12	Clear or Partly Cloudy	None	Rippled	0.3	Strong Wind	320	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/9/2025	Transect	00:55:00	62.19	-71.73833333	62.30166667	-72.10833333	5	Clear or Partly Cloudy	None	Wavelets	0			No Observations	
NORDIKA DESGAGNÉS	Mammals	9/9/2025	Stationary	01:30:00	63.9335	-93.61716667	63.9335	-92.4505	12	Clear or Partly Cloudy	None	Rippled	0.3	Calm	100	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/10/2025	Transect	00:55:00	62.26833333	-81.18	62.18833333	-81.55	5	Clear or Partly Cloudy	None	Rippled	0	Light Wind		No Observations	
NORDIKA DESGAGNÉS	Mammals	9/10/2025	Stationary	01:30:00	63.93366667	-93.6175	63.93366667	-93.6175	10	Medium to Heavy Rain	None	Slight	1	Strong Wind	135	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/11/2025	Stationary	01:30:00	63.93333333	-93.6175	63.93333333	-93.6175	12	Cloudy	None	Rippled	0.3	Light Wind	40	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/11/2025	Stationary	01:00:00	62.775	-92.09666667			5	Cloudy	Slight/ Grey	Wavelets	1	Light Wind	56	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/12/2025	Stationary	01:00:00	62.77333333	-92.09333333			10	Clear or Partly Cloudy		Rippled	1	Light Wind	22	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/12/2025	Stationary	01:30:00	63.93366667	-93.6175	63.93366667	-93.6175	12	Cloudy	None	Rippled	0.4	Strong Wind	131	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/13/2025	Stationary	01:30:00	63.93366667	-93.61733333	63.93366667	-93.61733333	12	Cloudy	None	Wavelets	0.6	Strong Wind	180	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/13/2025	Transect	00:55:00	63.5	-90.9	63.58333333	-91.18333333	20	Cloudy	None	Wavelets	2	Light Wind	225	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/14/2025	Stationary	01:00:00					5	Cloudy		Rippled	1	Light Wind		No Observations	
NORDIKA DESGAGNÉS	Mammals	9/14/2025	Transect	02:00:00	63.56716667	-91.05133333	63.401	-90.73366667	0.2	Fog		Glassy	0	Calm		No Observations	
NORDIKA DESGAGNÉS	Mammals	9/15/2025	Stationary	01:00:00	63.92833333	-93.61833333			10	Cloudy	Slight/ Grey	Rippled	1	Calm		No Observations	
NORDIKA DESGAGNÉS	Mammals	9/15/2025	Transect	01:30:00	61.90116667	-82.61683333	62.117	-82.0335	8	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind	280	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/16/2025	Stationary	01:00:00	63.92833333	-93.62166667			10	Cloudy	None	Rippled	1	Light Wind	90	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/16/2025	Transect		61.518	-70.25033333	61.30133333	-69.6515	0.5	Fog	Slight/ Grey	Wavelets	0.5	Light Wind	300	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/16/2025	Transect	02:27:00	61.01733333	-68.11683333	60.83416667	-66.618	2	Fog	Slight/ Grey	Wavelets	1	Light Wind	315	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/17/2025	Stationary	01:00:00	63.92833333	-93.61833333			10	Cloudy	None	Rippled	1	Light Wind	90	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/18/2025	Stationary	01:00:00	63.92833333	-93.61666667			10	Clear or Partly Cloudy	None	Rippled	1	Calm		No Observations	
NORDIKA DESGAGNÉS	Mammals	9/19/2025	Stationary	01:00:00	63.93	-93.62			10	Clear or Partly Cloudy		Rippled	1	Light Wind	135	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/20/2025	Stationary	02:00:00	63.92833333	-93.62			1	Fog	None	Wavelets	1	Light Wind	292	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/21/2025	Stationary	01:00:00	63.92833333	-93.62			2	Fog	None	Rippled	1	Calm		No Observations	
NORDIKA DESGAGNÉS	Mammals	9/22/2025	Stationary	01:00:00	63.92833333	-93.62			10	Clear or Partly Cloudy	None	Rippled	1	Calm		No Observations	
NORDIKA DESGAGNÉS	Mammals	9/23/2025	Stationary	01:00:00	63.92833333	-93.62166667			10	Clear or Partly Cloudy	None	Rippled	1	Calm		No Observations	
NORDIKA DESGAGNÉS	Mammals	9/24/2025	Transect	00:55:00	62.1	-85.06666667	62.05	-84.63333333	20	Clear or Partly Cloudy	None	Slight	2	Strong Wind	225	No Observations	
ACADIA DESGAGNÉS	Mammals	9/24/2025	Incidental	00:00:00	60.425	-63.87666667			30	Clear or Partly Cloudy		Moderate	2	Light Wind		Unknown Dolphin	4
NORDIKA DESGAGNÉS	Mammals	9/24/2025	Transect	00:55:00	61.99833333	-82.725	62.04166667	-82.30333333	5	Clear or Partly Cloudy	Slight/ Grey	Rough	1.5		270	No Observations	
NORDIKA DESGAGNÉS	Mammals	9/25/2025	Transect	00:55:00	61.98166667	-71	61.84516667	-71.65166667	5	Fog	Slight/ Grey	Rough	1	Light Wind	270	No Observations	
NORDIKA DESGAGNÉS	Mammals	10/5/2025	Transect	02:00:00	60.95083333	-67.70016667	61.08433333	-68.55066667	12	Cloudy	None	Rippled	0.3	Light Wind	180	No Observations	
NORDIKA DESGAGNÉS	Mammals	10/6/2025	Stationary	01:30:00	62.1845	-75.7345	62.1845	-75.7345	10	Cloudy	None	Rippled	0.2	Calm		No Observations	
NORDIKA DESGAGNÉS	Mammals	10/7/2025	Transect	01:30:00	62.6335	-77.75066667	62.66666667	-78.36733333	12	Cloudy	None	Slight	1.5	Strong Wind	320	No Observations	

APPENDIX D: MARINE MAMMAL SURVEY DATA AND SIGHTINGS INFORMATION, 2025

Vessel Name	Survey Target	Date	Survey Type	Temporal Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Visibility (km)	Weather Notes	Glare Condition Notes	Sea State Code	Wave Height (m)	Wind Speed (Beaufort Scale)	True Wind Direction (deg)	Species	Count
NORDIKA DESGAGNÉS	Mammals	10/8/2025	Transect	01:03:00	61.9015	-82.96683333	61.91683333	-83.65	20	Cloudy	Slight/ Grey	Slight	1	Strong Wind	337	No Observations	
KIVALLIQ W	Mammals	10/9/2025	Transect	00:30:00	62.93333333	-86.83166667	62.95333333	-86.89666667	20	Clear or Partly Cloudy	None	Rough	3	Strong Wind	45	No Observations	
KIVALLIQ W	Mammals	10/9/2025	Transect	00:30:00	62.77	-87.94	62.77	-87.94	20	Clear or Partly Cloudy	None	Rough	3	Strong Wind	45	No Observations	
KIVALLIQ W	Mammals	10/10/2025	Stationary	00:30:00	63.96	-93.57666667	63.96	-93.57666667	20	Cloudy	None		1	Light Wind	310	No Observations	
KIVALLIQ W	Mammals	10/10/2025	Stationary	00:30:00	63.96	-93.57666667			20	Cloudy	None		1	Light Wind	320	No Observations	
NORDIKA DESGAGNÉS	Mammals	10/10/2025	Stationary		63.95	-93.56783333	63.95	-93.56733333	10	Cloudy		Wavelets	1	Strong Wind		No Observations	
KIVALLIQ W	Mammals	10/11/2025	Stationary	00:30:00	63.935	-93.615	63.935	-93.615	20	Cloudy	None	Wavelets	0.3	Light Wind	0	No Observations	
KIVALLIQ W	Mammals	10/11/2025	Stationary	00:30:00	63.935	-93.61333333	63.935	-93.61333333	20	Cloudy	None	Wavelets	0.3	Light Wind	0	No Observations	
NORDIKA DESGAGNÉS	Mammals	10/11/2025	Stationary	01:30:00	63.95233333	-93.58416667	63.95033333	-93.58416667	13	Snow		Slight	1	Strong Wind	90	No Observations	
NORDIKA DESGAGNÉS	Mammals	10/12/2025	Stationary	01:30:00	63.95033333	-93.56816667	63.95016667	-93.568	15	Cloudy		Wavelets	1	Strong Wind		No Observations	
NORDIKA DESGAGNÉS	Mammals	10/13/2025	Stationary	01:30:00	63.95016667	-93.5835	63.95016667	-93.5835		Snow				Strong Wind		No Observations	
NORDIKA DESGAGNÉS	Mammals	10/14/2025	Stationary	01:00:00	63.95016667	-93.56816667	63.95016667	-93.56816667	20	Cloudy	Slight/ Grey	Rippled	0.2	Light Wind	247	No Observations	
NORDIKA DESGAGNÉS	Mammals	10/15/2025	Stationary	01:30:00	63.95	-93.58333333	63.95	-63.58333333	15	Cloudy	None	Wavelets	0.5	Light Wind	315	No Observations	
MARCELLIN A DESGAGNÉS	Mammals	10/16/2025	Transect	00:55:00	62.97	-78.65333333	63.005	-79.085	5	Cloudy		Slight	0.5	Light Wind	160	No Observations	
MARCELLIN A DESGAGNÉS	Mammals	10/16/2025	Transect	00:55:00	63.07333333	-80.065	63.10833333	-80.48666667	5	Cloudy		Slight	0.5	Light Wind	160	No Observations	
MARCELLIN A DESGAGNÉS	Mammals	10/16/2025	Transect	00:55:00	63.15	-81.01666667	63.18333333	-81.45	20	Cloudy	None	Wavelets	1	Light Wind	180	No Observations	
NORDIKA DESGAGNÉS	Mammals	10/16/2025	Stationary	01:30:00	63.95016667	-93.58416667	63.95016667	-93.58416667	12	Cloudy	None	Wavelets	0.3	Light Wind	135	No Observations	
MARCELLIN A DESGAGNÉS	Mammals	10/17/2025	Transect	00:55:00	62.635	-90.06833333	62.60666667	-90.48	5	Cloudy		Slight	0.5	Light Wind	150	No Observations	
NORDIKA DESGAGNÉS	Mammals	10/17/2025	Stationary	01:30:00	63.95	-93.5835	63.95	-93.5835	12	Cloudy	None			Light Wind	90	No Observations	
ANNETTE A DESGAGNÉS	Mammals	10/17/2025	Transect	01:26:00	60.58	-65.025	60.725	-65.63833333	1	Cloudy	Slight/ Grey	Wavelets	1	Calm	80	No Observations	
MARCELLIN A DESGAGNÉS	Mammals	10/18/2025	Stationary	01:00:00	62.775	-92.09166667			5	Fog	Slight/ Grey	Rippled	-1	Light Wind	90	No Observations	
ANNETTE A DESGAGNÉS	Mammals	10/18/2025	Transect	01:20:00	62.59166667	-75.68833333	62.585	-76.28166667	5	Cloudy	Slight/ Grey	Rough	2.5	Strong Wind	90	No Observations	
MARCELLIN A DESGAGNÉS	Mammals	10/19/2025	Stationary	01:00:00	62.775	-92.09166667			10	Cloudy	None	Rippled	-1	Light Wind	270	No Observations	
ANNETTE A DESGAGNÉS	Mammals	10/19/2025	Transect	01:30:00	62.03333333	-83.605	62.08833333	-84.35166667	1	Fog	None	Wavelets	1	Light Wind	232	No Observations	
MARCELLIN A DESGAGNÉS	Mammals	10/20/2025	Stationary	01:00:00	62.775	-92.09			10	Cloudy	None	Wavelets	1	Strong Wind	270	No Observations	
MARCELLIN A DESGAGNÉS	Mammals	10/21/2025	Stationary	01:00:00	62.775	-92.09			10	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Light Wind	270	No Observations	
SEDNA DESGAGNÉS	Mammals	10/22/2025	Transect	01:25:00	61.38	-67.4165	61.5215	-68.11733333	10	Cloudy	Slight/ Grey	Slight	0.9	Strong Wind	300	No Observations	
SEDNA DESGAGNÉS	Mammals	10/22/2025	Transect		61.38516667	-67.44266667			10					Light Wind	293	No Observations	
MARCELLIN A DESGAGNÉS	Mammals	10/23/2025	Stationary	01:00:00	62.775	-92.09			10	Cloudy	None	Rippled	-1	Calm	0	No Observations	
SEDNA DESGAGNÉS	Mammals	10/23/2025	Transect	01:50:00	62.63166667	-77.94833333	62.555	-78.855	8	Cloudy	Slight/ Grey	Wavelets	0.2		60	No Observations	
MARCELLIN A DESGAGNÉS	Mammals	10/24/2025	Stationary	01:00:00	62.775	-92.09			10	Clear or Partly Cloudy	None	Rippled	-1	Calm		No Observations	
SEDNA DESGAGNÉS	Mammals	10/24/2025	Transect	01:28:00	62.46166667	-89.055	62.51333333	-89.725	20	Clear or Partly Cloudy	None	Slight	0.4	Light Wind	345	No Observations	
MARCELLIN A DESGAGNÉS	Mammals	10/25/2025	Stationary	01:00:00	62.75833333				10	Cloudy	None	Wavelets	1	Strong Wind	5	No Observations	
SEDNA DESGAGNÉS	Mammals	10/25/2025	Stationary	01:45:00	62.77883333	-92.06066667	62.77883333	-92.061	8	Clear or Partly Cloudy	Slight/ Grey	Moderate	1	Strong Wind	180	No Observations	
MARCELLIN A DESGAGNÉS	Mammals	10/26/2025	Stationary	01:00:00	62.75833333	-92.08			10	Cloudy	None	Slight	2	Strong Wind	180	No Observations	
SEDNA DESGAGNÉS	Mammals	10/26/2025	Stationary	01:30:00	62.77883333	-92.0605	62.77883333	-92.0605	10	Clear or Partly Cloudy		Moderate	1	Strong Wind		No Observations	
MARCELLIN A DESGAGNÉS	Mammals	10/27/2025	Stationary	00:55:00	62.775	-92.09	62.775	-92.09	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind	315	No Observations	
SEDNA DESGAGNÉS	Mammals	10/27/2025	Stationary	02:00:00	62.7745	-92.06133333	62.77416667	-92.06166667	20	Cloudy	None	Rippled	0.25	Light Wind	0	No Observations	
SEDNA DESGAGNÉS	Mammals	10/27/2025	Stationary		62.77483333	-92.06216667			15					Light Wind	270	No Observations	
MARCELLIN A DESGAGNÉS	Mammals	10/28/2025	Transect	00:55:00	62.255	-81.16666667	62.35	-80.75666667	3	Fog	None	Slight	0.5	Light Wind	210	No Observations	
SEDNA DESGAGNÉS	Mammals	10/28/2025	Stationary	02:00:00	62.77533333	-92.06383333	62.77483333	-92.063	20	Cloudy		Wavelets	0.2	Calm	0	No Observations	
MARCELLIN A DESGAGNÉS	Mammals	10/28/2025	Transect	00:55:00	62.73333333	-78.5	62.73333333	-78.06666667	20	Cloudy	None	Wavelets	1	Light Wind	90	No Observations	
MARCELLIN A DESGAGNÉS	Mammals	10/29/2025	Transect	00:55:00	61.74166667	-70.24	61.62833333	-69.86666667	5	Cloudy	None	Slight	0.5	Light Wind	180	No Observations	
SEDNA DESGAGNÉS	Mammals	10/29/2025	Stationary	02:00:00	62.74916667	-92.02716667	62.74916667	-92.02733333	1	Medium to Heavy Rain		Rough	2.3	Strong Wind	70	No Observations	
MARCELLIN A DESGAGNÉS	Mammals	10/29/2025	Transect	00:55:00	61.03333333	-67.76666667	60.93333333	-67.38333333	20	Cloudy	None	Wavelets	1	Light Wind	270	No Observations	
SEDNA DESGAGNÉS	Mammals	10/30/2025	Stationary	01:45:00	62.77266667	-92.049	62.77266667	-92.04833333	15	Cloudy	None	Slight	0.8	Light Wind	0	No Observations	
ANNETTE A DESGAGNÉS	Mammals	10/31/2025	Transect	01:30:00	62.115	-84.63833333	62.05333333	-83.93166667	10	Cloudy	None	Wavelets	0.5	Light Wind	90	No Observations	
SEDNA DESGAGNÉS	Mammals	10/31/2025	Stationary	01:30:00	62.776	-92.04566667	62.77466667	-92.046	20		None	Wavelets	0.3	Light Wind	0	No Observations	
ANNETTE A DESGAGNÉS	Mammals	10/31/2025	Transect	01:23:00	62.17166667	-82.025	62.265	-82.39666667	20	Cloudy	None	Slight	1.5	Strong Wind	39	No Observations	
QIKIQTAALUK W	Mammals	10/31/2025	Stationary	00:30:00	63.49166667	-91.13666667				Cloudy	Bright on Observer's Side			Light Wind		No Observations	

APPENDIX D: MARINE MAMMAL SURVEY DATA AND SIGHTINGS INFORMATION, 2025

Vessel Name	Survey Target	Date	Survey Type	Tempora l Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Visibility (km)	Weather Notes	Glare Condition Notes	Sea State Code	Wave Height (m)	Wind Speed (Beaufort Scale)	True Wind Direction (deg)	Species	Count
ANNETTE A DESGAGNÉS	Mammals	11/1/2025	Transect	01:30:00	62.405	-72.93333333	62.22666667	-72.16	15	Snow	None	Slight	0.5	Calm		No Observations	
ANNETTE A DESGAGNÉS	Mammals	11/1/2025	Transect	01:30:00	61.81333333	-70.325	61.65	-69.58166667	20	Clear or Partly Cloudy	None	Wavelets	1	Light Wind	325	No Observations	
QIKIQTAAALUK W	Mammals	11/1/2025	Transect	02:00:00	62.80833333	-90.54833333	62.615	-91.00166667	6	Cloudy	Slight/ Grey	Slight	0.5	Strong Wind	170	No Observations	
SEDNA DESGAGNÉS	Mammals	11/1/2025	Transect	01:30:00	62.46	-88.12833333	62.38833333	-88.15183333	30	Clear or Partly Cloudy	None	Slight	0.4	Light Wind	180	No Observations	
QIKIQTAAALUK W	Mammals	11/2/2025	Stationary	02:00:00	62.78666667	-90.11666667			8	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.2	Light Wind		No Observations	
SEDNA DESGAGNÉS	Mammals	11/2/2025	Transect	01:35:00	62.5685	-72.04	62.52666667	-75.49333333	30	Clear or Partly Cloudy	None	Slight	0.25	Light Wind	180	No Observations	
QIKIQTAAALUK W	Mammals	11/3/2025	Transect	01:00:00	62.71333333	-91.73	62.63166667	-91.12333333	6	Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind	270	No Observations	
SEDNA DESGAGNÉS	Mammals	11/3/2025	Transect	02:00:00	60.82666667	-64.68666667	60.58	-64.09	10	Cloudy	None	Moderate	1.2	Strong Wind		No Observations	
QIKIQTAAALUK W	Mammals	11/4/2025	Stationary	01:00:00	63.49166667	-91.275	63.49166667	-91.125	6	Cloudy	Slight/ Grey	Wavelets	0.3	Light Wind	300	No Observations	
QIKIQTAAALUK W	Mammals	11/5/2025	Stationary	01:00:00	63.51833333	-91.07666667			4	Clear or Partly Cloudy	Slight/ Grey	Moderate	1	Strong Wind		No Observations	
QIKIQTAAALUK W	Mammals	11/6/2025	Transect	01:00:00	62.61833333	-90.98166667	62.515	-91.24166667	6	Cloudy		Slight	0.5	Strong Wind		No Observations	
QIKIQTAAALUK W	Mammals	11/7/2025	Stationary	01:00:00	62.795	-91.98166667			6	Clear or Partly Cloudy	None	Wavelets	0.5	Strong Wind	30	No Observations	
QIKIQTAAALUK W	Mammals	11/8/2025	Stationary	01:00:00	62.78833333	-91.97666667			7	Clear or Partly Cloudy	Bright on Observer's Side	Rough	1.5			No Observations	
QIKIQTAAALUK W	Mammals	11/9/2025	Stationary	01:00:00	62.78833333	-91.97666667			6	Cloudy	Slight/ Grey	Slight	0.3	Light Wind		No Observations	
QIKIQTAAALUK W	Mammals	11/11/2025	Stationary	01:00:00	62.79333333	-91.98166667			4	Medium to Heavy Rain	Slight/ Grey	Moderate	1.5	Strong Wind	140	No Observations	
QIKIQTAAALUK W	Mammals	11/13/2025	Stationary	01:00:00	62.78833333	-91.97666667			6	Clear or Partly Cloudy	Bright on Observer's Side	Moderate	1.5	Gale Force Wind		No Observations	
QIKIQTAAALUK W	Mammals	11/14/2025	Stationary	01:00:00	62.78833333	-91.97666667			15	Cloudy	None	Rough	2	Strong Wind	110	No Observations	
QIKIQTAAALUK W	Mammals	11/15/2025	Transect	01:00:00	62.60166667	-91.12	62.675	-91.47166667	12	Cloudy	Slight/ Grey	Very Rough	3	Strong Wind	100	No Observations	
QIKIQTAAALUK W	Mammals	11/16/2025	Stationary	01:00:00	62.79666667	-92.09666667	62.79666667	-92.09666667	12	Cloudy	None	Wavelets	0.5	Light Wind	90	No Observations	
QIKIQTAAALUK W	Mammals	11/17/2025	Stationary	01:00:00	62.79666667	-92.09666667	62.79666667	-92.09666667	15	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind	100	No Observations	
QIKIQTAAALUK W	Mammals	11/18/2025	Stationary	01:00:00	62.79666667	-92.09666667	62.79666667	-92.09666667	12	Clear or Partly Cloudy	None	Wavelets	0.3	Light Wind	110	No Observations	
QIKIQTAAALUK W	Mammals	11/19/2025	Stationary	01:00:00	62.79666667	-92.09666667	62.79666667	-92.09666667	10	Cloudy	None	Wavelets	0.1	Light Wind	10	No Observations	
NORDIKA DESGAGNÉS	Mammals	7/25/2025	Incidental		63.61783333	-91.38433333			20						315	Harbour Seal	1
NORDIKA DESGAGNÉS	Mammals	7/30/2025	Incidental		62.701	-87.78333333			12						290	Unknown Seal	20
NORDIKA DESGAGNÉS	Mammals	7/31/2025	Incidental		63.568	-91.0835			20						315	Harbour Seal	2
NORDIKA DESGAGNÉS	Mammals	7/31/2025	Incidental		63.61783333	-91.48383333			20						315	Harbour Seal	2
NORDIKA DESGAGNÉS	Mammals	8/4/2025	Incidental		63.53416667	-91.0335			10						200	Harbour Seal	1
NORDIKA DESGAGNÉS	Mammals	9/3/2025	Incidental		61.01666667	-68.10016667			12						292	Unknown Dolphin	12
NORDIKA DESGAGNÉS	Mammals	9/4/2025	Incidental		62.55083333	-76.43433333			20						180	Harbour Seal	3
NORDIKA DESGAGNÉS	Mammals	9/4/2025	Incidental						20						315	Pilot Whale	2
NORDIKA DESGAGNÉS	Mammals	9/7/2025	Incidental		62.6015	-90.96716667			20						337	Beluga Whale	3
NORDIKA DESGAGNÉS	Mammals	9/7/2025	Incidental		62.6175	-90.817			20						337	Harbour Seal	1
ANNETTE A DESGAGNÉS	Mammals	9/9/2025	Incidental		62.56666667	-73.03333333			20					Light Wind	135	Harp Seal	1
TUVAQ W	Mammals	10/1/2025	Incidental		63.58333333				15					Light Wind	225	Unknown Seal	1
NORDIKA DESGAGNÉS	Mammals	10/22/2025	Incidental		61.40066667	-69.90133333			1.6						315	Unknown Dolphin	1
		8/1/2025	Incidental		64.29833333	-95.98166667										Harbour Porpoise	1

APPENDIX E SEABIRD SURVEY DATA, 2025

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/12/2025	18:10:00	18:15:00	00:05	61.165	-66.0266667	61.1733333	-66.065	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Moderate	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/12/2025	18:15:00	18:20:00	00:05	61.1733333	-66.065	61.1816667	-66.14	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Moderate	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/12/2025	18:20:00	18:25:00	00:05	61.1816667	-66.1066667	61.19	-66.14	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Moderate	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/12/2025	18:25:00	18:30:00	00:05	61.19	-66.14	61.2016667	-66.1783333	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Moderate	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/12/2025	18:30:00	18:35:00	00:05	61.2016667	-66.1783333	61.21	-66.215	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Moderate	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/12/2025	18:35:00	18:40:00	00:05	61.21	-66.215	61.2216667	-66.25	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Moderate	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	06:58:00	07:05:00	00:07	62.3433333	-71.7766667	62.3533333	-71.8333333	Moving	20	Clear or Partly Cloudy	None	Moderate	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	07:05:00	07:10:00	00:05	62.3533333	-71.8333333	62.3616667	-71.87	Moving	20	Clear or Partly Cloudy	None	Moderate	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	07:10:00	07:15:00	00:05	62.3616667	-71.87	62.3683333	-71.9033333	Moving	20	Clear or Partly Cloudy	None	Moderate	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	07:15:00	07:20:00	00:05	62.3683333	-71.9033333	62.3733333	-71.94	Moving	20	Clear or Partly Cloudy	None	Moderate	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	07:20:00	07:25:00	00:05	62.3733333	-71.94	62.38	-71.9833333	Moving	20	Clear or Partly Cloudy	None	Moderate	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	07:25:00	07:30:00	00:05	62.38	-71.9833333	62.3866667	-72.0166667	Moving	20	Clear or Partly Cloudy	None	Moderate	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	18:55:00	19:00:00	00:05	62.945	-77.5233333	62.945	-77.5616667	Moving	12	Clear or Partly Cloudy	None	Moderate	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	17:00:00	17:05:00	00:05	62.945	-77.5616667	62.9466667	-77.6083333	Moving	12	Clear or Partly Cloudy	None	Moderate	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	17:05:00	17:10:00	00:05	62.9466667	-77.6083333	62.9483333	-77.66	Moving	12	Clear or Partly Cloudy	None	Moderate	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	17:10:00	17:15:00	00:05	62.9483333	-77.66	62.9483333	-77.6966667	Moving	12	Clear or Partly Cloudy	None	Moderate	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	17:15:00	17:20:00	00:05	62.9483333	-77.66	62.985	-77.7266667	Moving	12	Clear or Partly Cloudy	None	Moderate	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	17:20:00	17:25:00	00:05	62.9516667	-77.7266667	62.9535	-77.77	Moving	12	Clear or Partly Cloudy	None	Moderate	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/14/2025	07:00:00	07:05:00	00:05	63.0533333	-83.5166667	63.0516667	-83.5533333	Moving	8	Clear or Partly Cloudy	None	Rough		Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/14/2025	07:05:00	07:10:00	00:05	63.0516667	-83.5533333	63.0516667	-83.5883333	Moving	8	Clear or Partly Cloudy	None	Rough		Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/14/2025	07:10:00	07:15:00	00:05	63.0516667	-83.5883333	63.0516667	-83.6183333	Moving	8	Clear or Partly Cloudy	None	Rough		Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/14/2025	07:15:00	07:25:00	00:10	63.0516667	-83.6183333	63.0483333	-83.7	Moving	8	Clear or Partly Cloudy	None	Rough		Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/14/2025	07:20:00	07:25:00	00:05	63.0516667	-83.6183333	63.0483333	-83.7	Moving	8	Clear or Partly Cloudy	None	Rough		Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/14/2025	07:25:00	07:30:00	00:05	63.0483333	-83.7	63.0483333	-83.73	Moving	8	Clear or Partly Cloudy	None	Rough		Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/14/2025	17:30:00	17:35:00	00:05	62.8216667	-88.0266667	62.8183333	-88.065	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Rough	2	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/14/2025	17:35:00	17:40:00	00:05	62.8183333	-88.065	62.815	-88.085	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Rough	2	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/14/2025	17:40:00	17:45:00	00:05	62.815	-88.085	62.8133333	-88.115	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Rough	2	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/14/2025	17:45:00	17:50:00	00:05	62.8133333	-88.115	62.8116667	-88.0516667	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Rough	2	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/14/2025	17:50:00	17:55:00	00:05	62.8116667	-88.1516667	62.8066667	-88.2116667	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Rough	2	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/14/2025	17:55:00	18:00:00	00:05	62.8066667	-88.2116667	62.8033333	-88.2433333	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Rough	2	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/24/2025	07:00:00	07:05:00	00:05	62.2016667	-84.6566667	62.1933333	-84.6066667	Moving	15	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/24/2025	07:05:00	07:10:00	00:05	62.1933333	-84.6066667	62.185	-84.565	Moving	15	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/24/2025	07:10:00	07:15:00	00:05	62.185	-84.565	62.1783333	-84.5266667	Moving	15	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/24/2025	07:15:00	07:20:00	00:05	62.1783333	-84.5266667	62.1716667	-84.4916667	Moving	15	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/24/2025	07:20:00	07:25:00	00:05	62.1716667	-84.4916667	62.1616667	-84.4383333	Moving	15	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/24/2025	07:25:00	07:30:00	00:05	62.1616667	-84.4383333	62.155	-84.3983333	Moving	15	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/24/2025	17:58:00	18:03:00	00:05	62.5683333	-79.045	62.5783333	-78.9633333	Moving	0.2	Fog	None	Rippled	0.1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/24/2025	18:08:00	18:20:00	00:12	62.5783333	-78.955	62.5933333	-78.8466667	Moving	0.2	Fog	None	Rippled	0.1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/24/2025	18:15:00	18:20:00	00:05	62.5933333	-78.8466667	62.5966667	-78.8166667	Moving	0.2	Fog	None	Rippled	0.1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/24/2025	18:20:00	18:25:00	00:05	62.5966667	-78.8166667	62.6016667	-78.7733333	Moving	0.2	Fog	None	Rippled	0.1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/24/2025	18:25:00	18:30:00	00:05	62.6016667	-78.7733333	62.61	-78.705	Moving	0.2	Fog	None	Rippled	0.1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/24/2025	18:30:00	18:35:00	00:05	52.61	-78.705	62.615	-78.6466667	Moving	0.2	Fog	None	Rippled	0.1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/25/2025	07:00:00	07:05:00	00:05	62.165	-71.8683333	62.1583333	-71.835	Moving	15	Clear or Partly Cloudy	None	Rippled	0.5	Calm
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/25/2025	07:05:00	07:10:00	00:05	62.1583333	-71.835	62.1516667	-71.795	Moving	15	Clear or Partly Cloudy	None	Rippled	0.5	Calm
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/25/2025	07:10:00	07:15:00	00:05	62.1516667	-71.795	63.0066667	-71.7516667	Moving	15	Clear or Partly Cloudy	None	Rippled	0.5	Calm
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/25/2025	07:15:00	07:20:00	00:05	62.14	-71.7516667	62.1316667	-71.7116667	Moving	15	Clear or Partly Cloudy	None	Rippled	0.5	Calm
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/25/2025	07:20:00	07:25:00	00:05	62.1316667	-71.7116667	62.1233333	-71.6683333	Moving	15	Clear or Partly Cloudy	None	Rippled	0.5	Calm
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/25/2025	07:25:00	07:30:00	00:05	62.1233333	-71.6683333	62.1166667	-71.6383333	Moving	15	Clear or Partly Cloudy	None	Rippled	0.5	Calm
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/25/2025	18:00:00	18:15:00	00:15	61.0216667	-66.9633333	61.0083333	-66.9083333	Moving	15	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/25/2025	18:15:00	18:20:00	00:05	61.0083333	-66.9083333	61.0016667	-66.88	Moving	15	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/25/2025	18:20:00	18:25:00	00:05	61.0016667	-66.88	60.99	-66.845	Moving	15	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/25/2025	18:25:00	18:30:00	00:05	60.9916667	-66.845	60.9833333	-66.7083333	Moving	15	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/25/2025	18:30:00	18:35:00	00:05	60.9833333	-66.8083333	66	-66.7833333	Moving	15	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/25/2025	18:35:00	18:40:00	00:05	66	-66.7833333	60.97	-66.76	Moving	15	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/1/2025	11:00:00	11:05:00	00:05	61.1	-63.9333333	61.0833333	-63.9666667	Moving	300	Fog	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/1/2025	11:10:00	11:15:00	00:05	61.0833333	-63.9833333	61.0666667	-64	Moving	300	Fog	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/1/2025	11:20:00	11:25:00	00:05	61.0666667	-64.0333333	61.0666667	-64.0666667	Moving	300	Fog	None	Rippled	1	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/1/2025	11:30:00	11:35:00	00:05	61.0666667	-64.08333333	61.05	-64.13333333	Moving	300	Fog	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/1/2025	11:40:00	11:45:00	00:05	61.05	-64.15	61.05	-64.18333333	Moving	300	Fog	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/1/2025	11:50:00	11:55:00	00:05	61.05	-64.2166667	61.05	-64.25	Moving	300	Fog	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/1/2025	13:00:00	13:05:00	00:05	61.10333333	-64.6695	61.04	-64.0716667	Moving	6	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/1/2025	13:10:00	13:15:00	00:05	61.041	-64.80833333	61.0415	-64.785	Moving	6	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/1/2025	13:20:00	13:25:00	00:05	61.0416667	-64.80633333	61.042	-64.84233333	Moving	6	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/1/2025	13:30:00	13:35:00	00:05	61.0425	-64.8665	61.04333333	-64.8991667	Moving	6	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/1/2025	13:35:00	13:45:00	00:10		-64.93	61.0436667	-64.97033333	Moving	6	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/1/2025	13:50:00	13:55:00	00:05	61.0446667	-64.99833333	61.04133333	-65.0521667	Moving	6	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/2/2025	11:00:00	11:05:00	00:05	62.75	-73.5	62.75	-77.53333333	Moving	20	Clear or Partly Cloudy	None	Slight	4	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/2/2025	11:10:00	11:15:00	00:05	62.7666667	-73.58333333	62.7666667	-73.6166667	Moving	20	Clear or Partly Cloudy	None	Slight	4	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/2/2025	11:20:00	11:25:00	00:05	62.7666667	-73.65	62.7666667	-73.68333333	Moving	20	Clear or Partly Cloudy	None	Slight	4	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/2/2025	11:30:00	11:35:00	00:05	62.741	-73.73333333	62.78333333	-73.7666667	Moving	20	Clear or Partly Cloudy	None	Slight	4	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/2/2025	11:40:00	11:45:00	00:05	62.78333333	-73.8	62.78333333	-73.83333333	Moving	20	Clear or Partly Cloudy	None	Slight	4	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/2/2025	11:50:00	11:55:00	00:05	62.78333333	-73.8666667	62.78333333	-73.9	Moving	20	Clear or Partly Cloudy	None	Slight	4	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/2/2025	16:00:00	16:05:00	00:05	62.8535	-75.6925	62.85533333	-75.761	Moving	7	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/2/2025	16:10:00	16:15:00	00:05	62.8555	-75.79633333	62.8555	-75.8331667	Moving	7	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/2/2025	16:20:00	16:25:00	00:05	62.8555	-75.85883333	62.8546667	-75.89833333	Moving	7	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/2/2025	16:30:00	16:35:00	00:05	62.854	-75.9396667	62.853	-75.96833333	Moving	7	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/2/2025	16:40:00	16:45:00	00:05	62.853	-76.00333333	62.85233333	-76.0526667	Moving	7	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/2/2025	16:50:00	16:55:00	00:05	62.852	-76.0806667	62.8516667	-76.1146667	Moving	7	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/30/2025	11:00:00	11:05:00	00:05	61.9666667	-83.2666667	61.9666667	-83.3	Moving	15	Clear or Partly Cloudy	None	Slight	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/30/2025	11:10:00	11:15:00	00:05	61.95	-83.33333333	61.95	-83.3666667	Moving	15	Clear or Partly Cloudy	None	Slight	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/30/2025	11:20:00	11:25:00	00:05	61.95	-83.4	61.95	-83.45	Moving	15	Clear or Partly Cloudy	None	Slight	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/30/2025	11:30:00	11:35:00	00:05	61.95	-83.48333333	61.95	-83.5166667	Moving	15	Clear or Partly Cloudy	None	Slight	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/30/2025	11:40:00	11:45:00	00:05	61.95	-83.55	61.95	-83.58333333	Moving	15	Clear or Partly Cloudy	None	Slight	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/30/2025	11:50:00	11:55:00	00:05	61.95	-83.6166667	61.95	-83.65	Moving	15	Clear or Partly Cloudy	None	Slight	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/3/2025	16:00:00	16:05:00	00:05	62.0705	-85.1886667	62.07583333	-85.24833333	Moving	6	Cloudy	None	Moderate	2	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/3/2025	16:10:00	16:15:00	00:05	62.07783333	-85.2711667	62.0846667	-85.34633333	Moving	6	Cloudy	None	Moderate	2	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/3/2025	16:20:00	16:25:00	00:05	62.0851667	-85.351	62.08783333	-85.369	Moving	6	Cloudy	None	Moderate	2	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/3/2025	16:30:00	16:35:00	00:05	62.0906667	-85.4281667	62.09433333	-85.34833333	Moving	6	Cloudy	None	Moderate	2	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/3/2025	16:40:00	16:45:00	00:05	62.098	-85.4896667	62.09983333	-85.50983333	Moving	6	Cloudy	None	Moderate	2	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/3/2025	16:50:00	16:55:00	00:05	62.1006667	-85.51783333	62.1066667	-85.5831667	Moving	6	Cloudy	None	Moderate	2	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/4/2025	05:00:00	05:05:00	00:05	62.7566667	-92.0766667			Stationary	10	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/4/2025	05:10:00	05:15:00	00:05	62.7566667	-92.0766667			Stationary	10	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/4/2025	05:20:00	05:25:00	00:05	62.7566667	-92.0766667			Stationary	10	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/4/2025	05:30:00	05:35:00	00:05	62.7566667	-92.0766667			Stationary	10	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/4/2025	05:40:00	05:45:00	00:05	62.7566667	-92.0766667			Stationary	10	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/4/2025	05:50:00	05:55:00	00:05	62.7566667	-92.0766667			Stationary	10	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/5/2025	05:00:00	05:05:00	00:05	62.7566667	-92.07833333			Stationary	10	Clear or Partly Cloudy	None	Moderate	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/5/2025	05:10:00	05:15:00	00:05	62.75833333	-92.07833333			Stationary	10	Clear or Partly Cloudy	None	Moderate	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/5/2025	05:20:00	05:25:00	00:05	62.75833333	-92.07833333			Stationary	10	Clear or Partly Cloudy	None	Moderate	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/5/2025	05:30:00	05:35:00	00:05	62.75833333	-92.07833333	62.75833333	-92.07833333	Stationary	10	Clear or Partly Cloudy	None	Moderate	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/5/2025	05:50:00	05:55:00	00:05	62.75833333	-92.07833333			Stationary	10	Clear or Partly Cloudy	None	Moderate	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/6/2025	05:00:00	05:05:00	00:05	62.75833333	-92.07833333			Stationary	10	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/6/2025	05:10:00	05:15:00	00:05	62.75833333	-92.07833333			Stationary	10	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/6/2025	05:20:00	05:25:00	00:05	62.75833333	-92.07833333			Stationary	10	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/6/2025	05:30:00	05:35:00	00:05	62.75833333	-92.07833333			Stationary	10	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/6/2025	05:40:00	05:45:00	00:05	62.75833333	-92.07833333			Stationary	10	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/6/2025	05:50:00	05:55:00	00:05	62.75833333	-92.07833333			Stationary	10	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/7/2025	05:00:00	05:05:00	00:05	62.75833333	-92.07833333			Stationary	10	Clear or Partly Cloudy	None	Rippled	1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/7/2025	05:10:00	05:15:00	00:05	62.75833333	-92.07833333			Stationary	10	Clear or Partly Cloudy	None	Rippled	1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/7/2025	05:20:00	05:25:00	00:05	62.75833333	-92.07833333			Stationary	10	Clear or Partly Cloudy	None	Rippled	1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/7/2025	05:30:00	05:35:00	00:05	62.75833333	-92.07833333			Stationary	10	Clear or Partly Cloudy	None	Rippled	1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/7/2025	05:40:00	05:45:00	00:05	62.75833333	-92.07833333			Stationary	10	Clear or Partly Cloudy	None	Rippled	1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/7/2025	05:50:00	05:55:00	00:05	62.75833333	-92.07833333			Stationary	10	Clear or Partly Cloudy	None	Rippled	1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/8/2025	04:00:00	04:05:00	00:05	62.7766667	-92.095			Stationary	10	Cloudy	None	Rippled	1	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/8/2025	04:10:00	04:15:00	00:05	62.7766667	-92.095			Stationary	10	Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/8/2025	04:20:00	04:25:00	00:05	62.7766667	-92.095			Stationary	10	Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	08:15:00	08:20:00	00:05	60.8166667	-65.7166667	60.8166667	-65.7666667	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	08:25:00	08:30:00	00:05	60.8166667	-65.8	60.8166667	-65.8333333	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	08:35:00	08:40:00	00:05	60.8166667	-65.8666667	60.8166667	-65.9	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	08:45:00	08:50:00	00:05	60.8166667	-65.9333333	60.8166667	-65.9666667	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	08:55:00	09:00:00	00:05	60.8166667	-66	60.8166667	-66.0333333	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	09:05:00	09:10:00	00:05	60.8166667	-66.0666667	60.8333333	-66.1	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	16:00:00	16:05:00	00:05	61.245	-68.6433333	61.2633333	-68.7116667	Moving	1	Fog	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	16:10:00	16:15:00	00:05	61.27	-68.7366667	61.2816667	-69.0113333	Moving	1	Fog	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	16:20:00	16:25:00	00:05	61.285	-68.7933333	61.2916667	-68.825	Moving	1	Fog	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	16:30:00	16:35:00	00:05			61.31	-68.9083333	Moving	1	Fog	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	16:40:00	16:45:00	00:05	61.31	-68.925	61.3166667	-68.9583333	Moving	1	Fog	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	16:50:00	16:55:00	00:05	61.3233333	-68.9883333	61.3283333	-69.0216667	Moving	1	Fog	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/7/2025	11:00:00	11:05:00	00:05	61.94	-72.2483333	61.94	-72.2483333	Stationary	1	Fog	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/7/2025	11:10:00	11:15:00	00:05	61.94	-72.2483333	61.94	-72.2483333	Stationary	1	Fog	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/7/2025	11:20:00	11:25:00	00:05	61.94	-72.2483333	61.94	-72.2483333	Stationary	1	Fog	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/7/2025	11:30:00	11:35:00	00:05	61.94	-72.2483333	61.94	-72.2483333	Stationary	1	Fog	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/7/2025	11:40:00	11:45:00	00:05	61.94	-72.2483333	61.94	-72.2483333	Stationary	1	Fog	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/7/2025	11:50:00	11:55:00	00:05	61.94	-72.2483333	61.94	-72.2483333	Stationary	1	Fog	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/7/2025	16:00:00	16:05:00	00:05	62.4	-72.6833333	62.4166667	-72.7333333	Moving	10	Fog		Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/7/2025	16:10:00	16:15:00	00:05	62.4166667	-72.7666667	62.4333333	-72.7833333	Moving	10	Fog		Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/7/2025	16:20:00	16:25:00	00:05	62.4333333	-72.8166667	62.45	-72.8333333	Moving	10	Fog		Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/7/2025	16:30:00	16:35:00	00:05	62.45	-72.8666667	62.4666667	-72.9	Moving	10	Fog		Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/7/2025	16:40:00	16:45:00	00:05	62.4666667	-72.9333333	62.4666667	-72.95	Moving	10	Fog		Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/7/2025	16:50:00	16:55:00	00:05	62.4833333	-72.9833333	62.4833333	-73	Moving	10	Fog		Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/8/2025	11:00:00	11:05:00	00:05	62.3166667	-80.9	62.3166667	-80.9066667	Moving	20	Clear or Partly Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/8/2025	11:10:00	11:15:00	00:05	62.3	-80.9666667	62.3	-81	Moving	20	Clear or Partly Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/8/2025	11:20:00	11:25:00	00:05			62.2833333	-81.0833333	Moving	20	Clear or Partly Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/8/2025	11:30:00	11:40:00	00:10	62.2666667	-81.1166667	62.2666667	-82	Moving	20	Clear or Partly Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/8/2025	11:40:00	11:45:00	00:05	62.25	-81.15	62.25	-81.2166667	Moving	20	Clear or Partly Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/8/2025	11:50:00	11:55:00	00:05	62.2333333	-81.25	62.2333333	-81.2833333	Moving	20	Clear or Partly Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/8/2025	16:00:00	16:15:00	00:15	61.91	-83.0783333	61.91	-83.1783333	Moving	5	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/8/2025	16:10:00	16:15:00	00:05	61.91	-83.1866667	61.91	-83.2316667	Moving	5	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/8/2025	16:20:00	16:25:00	00:05	61.91	-83.2833333	61.91	-83.31	Moving	5	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/8/2025	16:30:00	16:35:00	00:05	61.9083333	-83.335	61.9083333	-83.4783333	Moving	5	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/8/2025	16:40:00	16:45:00	00:05	61.9083333	-83.4233333	61.9083333	-83.465	Moving	5	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/8/2025	16:50:00	16:55:00	00:05	61.908	-83.485	61.908	-83.5433333	Moving	5	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/9/2025	11:00:00	11:05:00	00:05	63.3166667	-90.5333333	63.3166667	-90.55	Moving	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/9/2025	11:10:00	11:15:00	00:05	63.3166667	-90.5666667	63.3333333	-90.6	Moving	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/9/2025	11:20:00	11:25:00	00:05	63.3333333	-90.6	63.35	-90.6333333	Moving	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/9/2025	11:30:00	11:35:00	00:05	63.35	-90.6333333	63.3666667	-90.65	Moving	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/9/2025	11:40:00	11:45:00	00:05	63.3666667	-90.6666667	63.3833333	-90.6833333	Moving	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/9/2025	11:50:00	11:55:00	00:05	63.3833333	-90.7	63.4	-90.7166667	Moving	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/9/2025								Moving	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/9/2025	16:00:00	16:05:00	00:05	63.7	-91.98	63.72	-82.0566667	Moving	5	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/9/2025	16:10:00	16:15:00	00:05	63.72	-82.0883333	63.72	-82.13	Moving	5	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/9/2025	16:20:00	16:25:00	00:05	63.72	-82.17	63.7366667	-92.1966667	Moving	5	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/9/2025	16:30:00	16:35:00	00:05	63.7466667	-92.22	63.7583333	-92.26	Moving	5	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/9/2025	16:40:00	16:45:00	00:05	63.75	-92.285	63.7516667	-92.3333333	Moving	5	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/9/2025	16:50:00	16:55:00	00:05	63.0751667	-92.3633333	63.765	-92.3983333	Moving	5	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	04:00:00	04:05:00	00:05	63.925	-93.6183333			Stationary	7	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	04:10:00	04:15:00	00:05	63.925	-93.6183333			Stationary	7	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	04:10:00	04:15:00	00:05	63.925	-93.6183333			Stationary	7	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	04:20:00	04:25:00	00:05	63.925	-93.6183333			Stationary	7	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	04:30:00	04:35:00	00:05	63.925	-93.6183333			Stationary	7	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	04:35:00	04:45:00	00:10	63.925	-93.6183333			Stationary	7	Clear or Partly Cloudy	None	Rippled	1	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	04:50:00	04:55:00	00:05	63.925	-93.6183333			Stationary	7	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	04:00:00	04:05:00	00:05	63.925	-93.6166667			Stationary	5	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	04:10:00	04:15:00	00:05	63.925	-93.6183333			Stationary	5	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	04:20:00	04:25:00	00:05	63.925	-93.6183333			Stationary	5	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	04:30:00	04:35:00	00:05	63.925	-93.6183333			Stationary	5	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	04:40:00	04:45:00	00:05	63.925	-93.6183333			Stationary	5	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	04:50:00	04:55:00	00:05	63.925	-93.6183333			Stationary	5	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	04:00:00	04:05:00	00:05	63.925	-93.6183333			Stationary	10	Clear or Partly Cloudy		Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	04:20:00	04:25:00	00:05	63.925	-93.6183333			Stationary	10	Clear or Partly Cloudy		Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	04:10:00	04:15:00	00:05	63.925	-93.6183333			Stationary	10	Clear or Partly Cloudy		Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	10:20:00	10:25:00	00:05	60	-63.1366667	60.015	-63.1533333	Moving	5	Cloudy	None	Rough	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	10:30:00	10:35:00	00:05	60.0216667	-63.165	60.03	-63.1816667	Moving	5	Cloudy	None	Rough	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	10:40:00	10:45:00	00:05	60.0366667	-63.1966667	60.0433333	-63.2133333	Moving	5	Cloudy	None	Rough	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	10:50:00	10:55:00	00:05	60.0566667	-63.23	60.0633333	-63.2466667	Moving	5	Cloudy	None	Rough	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	11:00:00	11:05:00	00:05	60.0683333	-63.2633333	60.675	-63.27	Moving	5	Cloudy	None	Rough	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	11:10:00	11:15:00	00:05	60.0816667	-63.2816667	60.0866667	-63.295	Moving	5	Cloudy	None	Rough	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	16:00:00	16:05:00	00:05	60.5	-64.4833333	60.5166667	-64.5	Moving	12	Fog	None	Moderate	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	16:10:00	16:15:00	00:05	60.5166667	-64.5333333	63.1666667	-64.5666667	Moving	12	Fog	None	Moderate	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	16:20:00	16:25:00	00:05	60.5166667	-64.6	60.5166667	-64.6333333	Moving	12	Fog	None	Moderate	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	16:30:00	16:35:00	00:05	60.5166667	-64.6666667	63.1666667	-64.7	Moving	12	Fog	None	Moderate	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	16:35:00	16:45:00	00:10	60.5166667	-64.7333333	60.5333333	-64.7833333	Moving	12	Fog	None	Moderate	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	16:50:00	16:55:00	00:05	60.5333333	-64.8166667	61.5333333	-64.85	Moving	12	Fog	None	Moderate	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/9/2025	11:00:00	11:05:00	00:05	62.19	-71.7383333	62.2016667	-71.775	Moving	5	Clear or Partly Cloudy	None	Wavelets	0	
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/9/2025	11:10:00	11:15:00	00:05	62.21	-71.805	62.2216667	-71.8416667	Moving	5	Clear or Partly Cloudy	None	Wavelets	0	
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/9/2025	11:20:00	11:25:00	00:05	62.23	-71.875	62.2416667	-71.8783333	Moving	5	Clear or Partly Cloudy	None	Wavelets	0	
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/9/2025	11:30:00	11:35:00	00:05	62.2483333	-71.9366667	62.26	-71.9766667	Moving	5	Clear or Partly Cloudy	None	Wavelets	0	
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/9/2025	11:40:00	11:45:00	00:05	62.2716667	-72.0166667	62.2816667	-72.05	Moving	5	Clear or Partly Cloudy	None	Wavelets	0	
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/9/2025	11:50:00	11:55:00	00:05	62.29	-72.0716667	62.3016667	-72.1083333	Moving	5	Clear or Partly Cloudy	None	Wavelets	0	
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/9/2025	16:00:00	16:05:00	00:05	62.7333333	-73.7833333	62.7333333	-73.8333333	Moving	20	Clear or Partly Cloudy	None	Rippled	4	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/9/2025	16:10:00	16:15:00	00:05	62.7333333	-73.85	62.7333333	-73.8833333	Moving	20	Clear or Partly Cloudy	None	Rippled	4	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/9/2025	16:20:00	16:25:00	00:05	62.75	-73.9166667	62.75	-73.95	Moving	20	Clear or Partly Cloudy	None	Rippled	4	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/9/2025	16:30:00	16:35:00	00:05	62.75	-73.9833333	62.75	-74.0333333	Moving	20	Clear or Partly Cloudy	None	Rippled	4	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/9/2025	16:40:00	16:45:00	00:05	62.7666667	-74.0666667	62.7666667	-74.001	Moving	20	Clear or Partly Cloudy	None	Rippled	4	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/9/2025	16:50:00	16:55:00	00:05	62.7666667	-74.1166667	62.7666667	-74.15	Moving	20	Clear or Partly Cloudy	None	Rippled	4	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/10/2025	09:00:00	09:05:00	00:05	62.2683333	-81.18	62.2583333	-81.22	Moving	5	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/10/2025	09:10:00	09:15:00	00:05	62.2466667	-81.265	62.2466667	-81.28	Moving	5	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/10/2025	09:20:00	09:25:00	00:05	62.2383333	-81.3166667	62.2316667	-81.35	Moving	5	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/10/2025	09:30:00	09:35:00	00:05	62.2233333	-81.3883333	62.2166667	-81.42	Moving	5	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/10/2025	09:40:00	09:45:00	00:05	62.2116667	-81.4383333	62.205	-81.4583333	Moving	5	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/10/2025	09:50:00	09:55:00	00:05	62.1966667	-81.51	62.1883333	-81.55	Moving	5	Clear or Partly Cloudy	None	Rippled	0	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/10/2025	16:00:00	16:05:00	00:05	61.9833333	-84.3333333	61.9833333	-84.3833333	Moving	20	Clear or Partly Cloudy	None	Rippled	4	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/10/2025	16:10:00	16:15:00	00:05	62	-84.4166667		-84.45	Moving	20	Clear or Partly Cloudy	None	Rippled	4	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/10/2025	16:20:00	16:25:00	00:05	62	-84.4833333	62	-84.5166667	Moving	20	Clear or Partly Cloudy	None	Rippled	4	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/10/2025	16:30:00	16:35:00	00:05	62.0166667	-84.5666667	62.0166667	-84.5833333	Moving	20	Clear or Partly Cloudy	None	Rippled	4	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/10/2025	16:40:00	16:45:00	00:05	62.0166667	-84.6333333	62.0166667	-84.6666667	Moving	20	Clear or Partly Cloudy	None	Rippled	4	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/10/2025	16:50:00	16:55:00	00:05	62.0333333	-84.7166667	62.0333333	-84.7666667	Moving	20	Clear or Partly Cloudy	None	Rippled	4	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/11/2025	22:00:00	22:05:00	00:05	62.775	-92.0966667			Stationary		Cloudy	Slight/ Grey	Wavelets	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/11/2025	22:10:00	22:15:00	00:05	62.775	-92.0966667			Stationary		Cloudy	Slight/ Grey	Wavelets	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/11/2025	22:20:00	22:25:00	00:05	62.775	-92.0966667			Stationary		Cloudy	Slight/ Grey	Wavelets	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/11/2025	22:30:00	22:35:00	00:05	62.775	-92.0966667			Stationary		Cloudy	Slight/ Grey	Wavelets	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/11/2025	22:40:00	22:45:00	00:05	62.775	-92.0966667			Stationary		Cloudy	Slight/ Grey	Wavelets	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/11/2025	22:50:00	22:55:00	00:05	62.775	-92.0966667			Stationary		Cloudy	Slight/ Grey	Wavelets	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/12/2025	04:00:00	04:05:00	00:05	62.7733333	-92.0933333			Stationary	10	Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/12/2025	04:10:00	04:15:00	00:05	62.7733333	-92.0933333			Stationary	10	Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/12/2025	04:20:00	04:25:00	00:05	62.7733333	-92.0933333			Stationary	10	Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/12/2025	04:30:00	04:35:00	00:05	62.7733333	-92.0933333			Stationary	10	Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/12/2025	04:40:00	04:45:00	00:05	62.7733333	-92.0933333			Stationary	10	Cloudy	None	Rippled	1	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/12/2025	04:50:00	04:55:00	00:05	62.7733333	-92.0933333			Stationary	10	Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/13/2025	16:00:00	16:08:00	00:08	63.5	-90.9	63.5	-90.9333333	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/13/2025	16:10:00	16:15:00	00:05	63.5166667	-90.9666667	63.5166667	-90.9833333	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/13/2025	16:20:00	16:25:00	00:05	63.5166667	-91.0166667	63.5333333	-91.0333333	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/13/2025	16:30:00	16:35:00	00:05	63.55	-91.05	63.65	-91.0666667	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/13/2025	16:40:00	16:45:00	00:05	63.5833333	-91.0833333	63.5833333	-91.1	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/13/2025	16:50:00	16:55:00	00:05	63.5833333	-91.1333333	63.5833333	-91.1833333	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/14/2025	04:00:00	04:05:00	00:05	63.9183333	-93.6183333			Stationary	5	Cloudy	None	Rippled	1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/14/2025	04:10:00	04:15:00	00:05	63.9283333	-93.62			Stationary	5	Cloudy	None	Rippled	1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/14/2025	04:20:00	04:25:00	00:05	63.9283333	-93.62			Stationary	5	Cloudy	None	Rippled	1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/14/2025	04:30:00	04:35:00	00:05	63.9283333	-93.62			Stationary	5	Cloudy	None	Rippled	1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/14/2025	04:40:00	04:45:00	00:05	63.9283333	-93.62			Stationary	5	Cloudy	None	Rippled	1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/14/2025	04:50:00	04:55:00	00:05	63.9283333	-93.62			Stationary	5	Cloudy	None	Rippled	1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/14/2025								Stationary	5	Cloudy	None	Rippled	1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/15/2025	04:00:00	04:05:00	00:05	63.93	-93.62			Stationary	10	Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/15/2025	04:10:00	04:15:00	00:05	63.9283333	-93.62			Stationary	10	Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/15/2025	04:20:00	04:25:00	00:05	63.9283333	-93.62			Stationary	10	Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/15/2025	04:30:00	04:35:00	00:05	63.9283333	-93.62			Stationary	10	Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/15/2025	04:40:00	04:45:00	00:05	63.9283333	-93.62			Stationary	10	Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/15/2025	04:50:00	04:55:00	00:05	63.9283333	-93.62			Stationary	10	Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/16/2025	04:00:00	04:05:00	00:05	63.93	-93.62			Stationary	10	Cloudy	Slight/ Grey	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/16/2025	04:10:00	04:15:00	00:05	63.93	-93.62			Stationary	10	Cloudy	Slight/ Grey	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/16/2025	04:20:00	04:25:00	00:05	63.93	-93.62			Stationary	10	Cloudy	Slight/ Grey	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/16/2025	04:30:00	04:35:00	00:05	63.93	-93.62			Stationary	10	Cloudy	Slight/ Grey	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/16/2025	04:40:00	04:45:00	00:05	63.93	-93.62			Stationary	10	Cloudy	Slight/ Grey	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/16/2025	04:50:00	04:55:00	00:05	63.9283333	-93.62			Stationary	10	Cloudy	Slight/ Grey	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/17/2025	04:00:00	04:05:00	00:05	63.9283333	-93.62			Stationary	10	Cloudy	None	Rippled	1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/17/2025	04:10:00	04:15:00	00:05	63.9283333	-93.62			Stationary	10	Cloudy	None	Rippled	1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/17/2025	04:20:00	04:25:00	00:05	63.9283333	-93.62			Stationary	10	Cloudy	None	Rippled	1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/17/2025	04:30:00	04:35:00	00:05	63.9283333	-93.62			Stationary	10	Cloudy	None	Rippled	1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/17/2025	04:40:00	04:45:00	00:05	63.9283333	-93.62			Stationary	10	Cloudy	None	Rippled	1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/17/2025	04:50:00	04:55:00	00:05	63.9283333	-93.62			Stationary	10	Cloudy	None	Rippled	1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/18/2025	04:00:00	04:05:00	00:05	63.9283333	-93.6216667			Stationary	10	Clear or Partly Cloudy	None			Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/18/2025	04:10:00	04:15:00	00:05	63.9283333	-93.62			Stationary	10	Clear or Partly Cloudy	None			Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/18/2025	04:20:00	04:25:00	00:05	63.9283333	-93.62			Stationary	10	Clear or Partly Cloudy	None			Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/18/2025	04:30:00	04:35:00	00:05	63.9283333	-93.62			Stationary	10	Clear or Partly Cloudy	None			Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/18/2025	04:40:00	04:45:00	00:05	63.9283333	-93.62			Stationary	10	Clear or Partly Cloudy	None			Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/18/2025	04:50:00	04:55:00	00:05	63.9283333	-93.62			Stationary	10	Clear or Partly Cloudy	None			Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/19/2025	04:00:00	04:05:00	00:05	63.9283333	-93.62			Stationary	10	Clear or Partly Cloudy	None	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/19/2025	04:10:00	04:15:00	00:05	63.9283333	-93.62			Stationary	10	Clear or Partly Cloudy	None	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/19/2025	04:20:00	04:25:00	00:05	63.9283333	-93.62			Stationary	10	Clear or Partly Cloudy	None	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/19/2025	04:30:00	04:35:00	00:05	63.9283333	-93.62			Stationary	10	Clear or Partly Cloudy	None	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/19/2025	04:40:00	04:45:00	00:05	63.9283333	-93.62			Stationary	10	Clear or Partly Cloudy	None	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/19/2025	04:50:00	04:55:00	00:05	63.9283333	-93.562			Stationary	10	Clear or Partly Cloudy	None	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/20/2025	04:00:00	04:05:00	00:05	63.9283333	-93.62			Stationary	1	Fog	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/20/2025	04:10:00	04:15:00	00:05	63.9283333	-93.62			Stationary	1	Fog	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/20/2025	04:20:00	04:25:00	00:05	63.9283333	-93.62			Stationary	1	Fog	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/20/2025	04:30:00	04:35:00	00:05	63.9283333	-93.62			Stationary	1	Fog	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/20/2025	04:40:00	04:45:00	00:05	63.9283333	-93.62			Stationary	1	Fog	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/20/2025	04:50:00	04:55:00	00:05	63.9283333	-93.62			Stationary	1	Fog	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/21/2025	04:00:00	04:05:00	00:05	63.9283333	-93.62			Stationary	1	Cloudy	Slight/ Grey	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/21/2025	04:10:00	04:15:00	00:05	63.9283333	-63.6216667			Stationary	1	Cloudy	Slight/ Grey	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/21/2025	04:20:00	04:25:00	00:05	63.9283333	-93.6216667			Stationary	1	Cloudy	Slight/ Grey	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/21/2025	04:30:00	04:35:00	00:05	63.9283333	-93.6216667			Stationary	1	Cloudy	Slight/ Grey	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/21/2025	04:40:00	04:45:00	00:05	63.9283333	-93.6216667			Stationary	1	Cloudy	Slight/ Grey	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/21/2025	04:50:00	04:55:00	00:05	63.9283333	-93.6216667			Stationary	1	Cloudy	Slight/ Grey	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/22/2025	04:00:00	04:05:00	00:05	63.9283333	-93.62			Stationary	10	Clear or Partly Cloudy	None	Rippled	-1	Calm

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/22/2025	04:10:00	04:15:00	00:05	63.9283333	-93.6216667			Stationary	10	Clear or Partly Cloudy	None	Rippled	-1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/22/2025	04:20:00	04:25:00	00:05	63.9283333	-93.6216667			Stationary	10	Clear or Partly Cloudy	None	Rippled	-1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/22/2025	04:30:00	04:35:00	00:05	63.9283333	-93.6216667			Stationary	10	Clear or Partly Cloudy	None	Rippled	-1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/22/2025	04:40:00	04:45:00	00:05	63.9283333	-93.6216667			Stationary	10	Clear or Partly Cloudy	None	Rippled	-1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/22/2025	04:50:00	04:55:00	00:05	63.9283333	-93.62			Stationary	10	Clear or Partly Cloudy	None	Rippled	-1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/23/2025	04:00:00	04:05:00	00:05	63.9283333	-93.6216667			Stationary	10	Clear or Partly Cloudy	None	Rippled	-1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/23/2025	04:10:00	04:15:00	00:05	63.9283333	-93.6216667			Stationary	10	Clear or Partly Cloudy	None	Rippled	-1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/23/2025	04:20:00	04:25:00	00:05	63.9283333	-93.6216667			Stationary	10	Clear or Partly Cloudy	None	Rippled	-1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/23/2025	04:30:00	04:35:00	00:05	63.9283333	-93.6216667			Stationary	10	Clear or Partly Cloudy	None	Rippled	-1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/23/2025	04:40:00	04:45:00	00:05	63.9283333	-93.6216667			Stationary	10	Clear or Partly Cloudy	None	Rippled	-1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/23/2025	04:50:00	04:55:00	00:05	63.9283333	-93.6216667			Stationary	10	Clear or Partly Cloudy	None	Rippled	-1	Calm
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	11:00:00	11:05:00	00:05	63.1	-85.0666667	62.1	-85.0166667	Moving	20	Clear or Partly Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	11:10:00	11:15:00	00:05	62.1	-84.9833333	62.0833333	-84.9333333	Moving	20	Clear or Partly Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	11:20:00	11:25:00	00:05	62.0833333	-84.9	62.0833333	-84.8666667	Moving	20	Clear or Partly Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	11:30:00	11:35:00	00:05	62.0833333	-84.8166667	62.0666667	-84.7833333	Moving	20	Clear or Partly Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	11:40:00	11:45:00	00:05	62.0666667	-84.75	62.05	-84.7166667	Moving	20	Clear or Partly Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	11:50:00	11:55:00	00:05	62.05	-84.6666667	62.05	-84.6333333	Moving	20	Clear or Partly Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	16:00:00	16:05:00	00:05	61.9983333	-82.725	62	-82.6816667	Moving	5	Clear or Partly Cloudy	None	Rough	1.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	16:10:00	16:15:00	00:05	62.0066667	-82.635	62.01	-82.6033333	Moving	5	Clear or Partly Cloudy	None	Rough	1.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	16:20:00	16:25:00	00:05	62.0133333	-82.5716667	62.0183333	-82.5266667	Moving	5	Clear or Partly Cloudy	None	Rough	1.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	16:30:00	16:35:00	00:05	62.0216667	-82.4866667	62.025	-82.45	Moving	5	Clear or Partly Cloudy	None	Rough	1.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	16:40:00	16:45:00	00:05	62.0283333	-82.4166667	62.0316667	-82.3783333	Moving	5	Clear or Partly Cloudy	None	Rough	1.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	16:50:00	16:55:00	00:05	62.0383333	-82.3366667	62.0416667	-82.3033333	Moving	5	Clear or Partly Cloudy	None	Rough	1.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/25/2025	11:00:00	11:05:00	00:05	62.5833333	-73.1666667	62.5666667	-73.1333333	Moving	9	Fog	None	Slight	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/25/2025	11:10:00	11:15:00	00:05	62.5666667	-73.0833333	62.55	-73.05	Moving	9	Fog	None	Slight	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/25/2025	11:20:00	11:25:00	00:05	62.55	-73.0166667	62.5333333	-72.9833333	Moving	9	Fog	None	Slight	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/25/2025	11:30:00	11:35:00	00:05	62.5166667	-72.9333333	62.5166667	-72.9	Moving	9	Fog	None	Slight	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/25/2025	11:40:00	11:45:00	00:05	62.5	-72.8666667	62.5	-72.8333333	Moving	9	Fog	None	Slight	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/25/2025	11:50:00	11:55:00	00:05	62.4833333	-72.8	62.4833333	-72.7666667	Moving	9	Fog	None	Slight	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	16:00:00	16:05:00	00:05	61.9816667	-71	61.965	-70.9966667	Moving	5	Fog	None	Rough	2	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	16:10:00	16:15:00	00:05	61.9533333	-70.95		-70.9266667	Moving	5	Fog	None	Rough	2	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	16:20:00	16:25:00	00:05	61.93	-70.895	61.9183333	-70.86	Moving	5	Fog	None	Rough	2	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	16:30:00	16:35:00	00:05	61.9033333	-70.82	61.8933333	-70.795	Moving	5	Fog	None	Rough	2	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	16:40:00	16:45:00	00:05	61.88	-70.7583333	61.865	-70.7166667	Moving	5	Fog	None	Rough	2	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	16:50:00	16:55:00	00:05	61.8566667	-70.69	61.845	-70.6516667	Moving	5	Fog	None	Rough	2	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/26/2025	10:00:00	10:05:00	00:05	60.2	-63.6	60.2	-63.5833333	Moving	20	Clear or Partly Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/26/2025	10:10:00	10:15:00	00:05	60.1833333	-63.5666667	60.1666667	-63.5333333	Moving	20	Clear or Partly Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/26/2025	10:20:00	10:25:00	00:05	60.1833333	-63.5166667	60.1666667	-63.5	Moving	20	Clear or Partly Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/26/2025	10:30:00	10:35:00	00:05	60.1666667	-63.4833333	60.15	-63.4166667	Moving	20	Clear or Partly Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/26/2025	10:40:00	10:45:00	00:05	60.15	-63.45	60.15	-63.4166667	Moving	20	Clear or Partly Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/26/2025	10:50:00	10:55:00	00:05	60.1333333	-63.4	60.1333333	-63.3833333	Moving	20	Clear or Partly Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/14/2025	19:00:00	19:05:00	00:05	60.3766667	-64.0333333	60.3833333	-64.1166667	Stationary	20	Clear or Partly Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/14/2025	19:10:00	19:15:00	00:05	60.4	-64.1666667	60.4	-64.2	Stationary	20	Clear or Partly Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/14/2025	19:20:00	19:25:00	00:05	62.8333333	-64.2166667	60.4333333	-63.2666667	Stationary	20	Clear or Partly Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/14/2025	19:30:00	19:35:00	00:05	60.45	-64.3	60.4666667	-64.35	Stationary	20	Clear or Partly Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/14/2025	19:40:00	19:45:00	00:05	60.4833333	-64.3833333	60.4833333	-64.45	Stationary	20	Clear or Partly Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/14/2025	19:50:00	19:55:00	00:05	60.5	-64.4166667	60.5166667	-64.45	Stationary	20	Clear or Partly Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/15/2025	19:00:00	19:05:00	00:05	62.5683333	-72.9166667	62.5666667	-78.95	Moving	20	Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/15/2025	19:10:00	19:15:00	00:05	62.5666667	-72.9833333	62.5666667	-73.0333333	Moving	20	Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/15/2025	19:20:00	19:25:00	00:05	62.5833333	-73.0666667	62.5833333	-73.1	Moving	20	Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/15/2025	19:30:00	19:35:00	00:05	62.5833333	-73.1333333	62.6	-73.1833333	Moving	20	Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/15/2025	19:40:00	19:45:00	00:05	62.6	-73.2166667	62.6	-73.25	Moving	20	Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/15/2025	19:50:00	19:55:00	00:05	62.6166667	-73.2833333	62.6166667	-73.3333333	Moving	20	Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/15/2025								Moving	20	Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	08:00:00	08:05:00	00:05	62.97	-78.6533333	63	-78.7066667	Moving	5	Cloudy	None	Slight	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	08:10:00	08:15:00	00:05	63.01	-78.7366667	62.98	-78.775	Moving	5	Cloudy	None	Slight	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	08:20:00	08:25:00	00:05	62.9833333	-78.8183333	62.9866667	-78.8616667	Moving	5	Cloudy	None	Slight	0.5	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	08:30:00	08:35:00	00:05	62.99	-78.8916667	62.9933333	-78.935	Moving	5	Cloudy	None	Slight	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	08:40:00	08:45:00	00:05	62.9966667	-78.975	63	-79.0066667	Moving	5	Cloudy	None	Slight	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	08:50:00	08:55:00	00:05	63.0033333	-79.05	63.005	-79.085	Moving	5	Cloudy	None	Slight	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	11:00:00	11:05:00	00:05	63.0733333	-80.065	63.0766667	-80.1116667	Moving	5	Cloudy	None	Slight	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	11:10:00	11:15:00	00:05	63.0783333	-81	63.0816667	-80.1883333	Moving	5	Cloudy	None	Slight	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	11:20:00	11:25:00	00:05	63.085	-80.2133333	63.09	-80.255	Moving	5	Cloudy	None	Slight	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	11:30:00	11:35:00	00:05	63.0933333	-80.2983333	63.0966667	-80.3216667	Moving	5	Cloudy	None	Slight	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	11:40:00	11:45:00	00:05	63.1	-80.3433333	63.1033333	-80.4116667	Moving	5	Cloudy	None	Slight	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	11:50:00	11:55:00	00:05	63.105	-80.4483333	63.1083333	-80.4866667	Moving	5	Cloudy	None	Slight	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	13:00:00	13:05:00	00:05	63.15	-81.0166667	63.15	-81.05	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	13:10:00	13:15:00	00:05	63.15	-81.0833333	63.15	-81.1166667	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	13:20:00	13:25:00	00:05	63.1666667	-81.1666667	63.1666667	-81.2	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	13:30:00	13:35:00	00:05	63.1666667	-81.25	63.1666667	-81.2833333	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	13:40:00	13:45:00	00:05	63.1666667	-81.3166667	63.1666667	-89.3666667	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	13:50:00	13:55:00	00:05	63.1833333	-84.4	63.1833333	-81.45	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	16:00:00	16:05:00	00:05					Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	16:10:00	16:15:00	00:05			63.25	-82.5166667	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	16:20:00	16:25:00	00:05	63.1666667	-82.5666667	63.25	-82.6166667	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	16:30:00	16:35:00	00:05	63.2666667	-82.65	63.2666667	-82.6833333	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	16:40:00	16:45:00	00:05	63.2666667	-82.7166667	63.25	-82.75	Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	16:50:00	16:55:00	00:05	63.25	-82.7833333			Moving	20	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/17/2025	10:00:00	10:05:00	00:05	62.635	-90.0683333	62.6333333	-90.1033333	Moving	5	Cloudy	None	Slight	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/17/2025	10:10:00	10:15:00	00:05	62.63	-90.1433333	62.6266667	-90.1766667	Moving	5	Cloudy	None	Slight	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/17/2025	10:20:00	10:25:00	00:05	62.625	-90.2083333	62.62	-90.2533333	Moving	5	Cloudy	None	Slight	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/17/2025	10:30:00	10:35:00	00:05	62.6183333	-90.2845	62.615	-90.33	Moving	5	Cloudy	None	Slight	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/17/2025	10:40:00	10:45:00	00:05	62.6133333	-90.365	62.6116667	-90.4016667	Moving	5	Cloudy	None	Slight	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/17/2025	10:50:00	10:55:00	00:05	62.61	-90.435	62.6066667	-90.48	Moving	5	Cloudy	None	Slight	0.5	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/18/2025	04:00:00	04:05:00	00:05	62.775	-92.0916667			Stationary	0	Fog	Slight/ Grey	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/18/2025	04:10:00	04:15:00	00:05	62.775	-92.0883333			Stationary	0	Fog	Slight/ Grey	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/18/2025	04:20:00	04:25:00	00:05	62.775	-92.0883333			Stationary	0	Fog	Slight/ Grey	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/18/2025	04:30:00	04:35:00	00:05	62.775	-92.0883333			Stationary	0	Fog	Slight/ Grey	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/18/2025	04:40:00	04:45:00	00:05	62.775	-92.0883333			Stationary	0	Fog	Slight/ Grey	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/18/2025	04:50:00	04:55:00	00:05	62.775	-92.09			Stationary	0	Fog	Slight/ Grey	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/19/2025	04:00:00	04:05:00	00:05	62.775	-92.09			Stationary	10	Cloudy	None	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/19/2025	04:10:00	04:15:00	00:05	62.775	-92.09			Stationary	10	Cloudy	None	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/19/2025	04:20:00	04:25:00	00:05	62.775	-92.09			Stationary	10	Cloudy	None	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/19/2025	04:20:00	04:25:00	00:05	62.775	-92.09			Stationary	10	Cloudy	None	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/19/2025	04:30:00	04:35:00	00:05	62.775	-92.09			Stationary	10	Cloudy	None	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/19/2025	04:40:00	04:45:00	00:05	62.775	-92.09			Stationary	10	Cloudy	None	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/19/2025	04:50:00	04:55:00	00:05	62.775	-92.09			Stationary	10	Cloudy	None	Rippled	-1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/20/2025	04:00:00	04:05:00	00:05	62.775	-92.09			Stationary	10	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/20/2025	04:10:00	04:15:00	00:05	62.775	-92.09			Stationary	10	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/20/2025	04:20:00	04:25:00	00:05	62.775	-92.09			Stationary	10	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/20/2025	04:30:00	04:35:00	00:05	65.8083333	-92.09			Stationary	10	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/20/2025	04:40:00	04:45:00	00:05	62.775	-62.09			Stationary	10	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/20/2025	04:50:00	04:55:00	00:05	62.775	-92.09			Stationary	10	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/21/2025	04:00:00	04:05:00	00:05	62.775	-92.09			Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/21/2025	04:10:00	04:15:00	00:05	62.775	-92.09			Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Light Wind
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/21/2025	04:20:00	04:25:00	00:05	62.775	-92.09			Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	1	Light Wind
Coastal Shipping Ltd	TUVAQ W	7/23/2025	13:40:00	13:45:00	00:05	63.7166667	-91.9511667	63.75	-91.9671667	Moving	20	Cloudy	Slight/ Grey	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	TUVAQ W	7/23/2025	13:45:00	13:50:00	00:05	63.7166667	-91.9671667	63.7166667	-92.0003333	Moving	20	Cloudy	Slight/ Grey	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	TUVAQ W	7/23/2025	13:50:00	13:55:00	00:05	63.7166667	-92.0003333	63.7168333	-92.0343333	Moving	20	Cloudy	Slight/ Grey	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	TUVAQ W	7/23/2025	13:55:00	14:00:00	00:05	63.905	-92.0343333	63.7168333	-92.118	Moving	20	Cloudy	Slight/ Grey	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	TUVAQ W	7/23/2025	14:00:00	14:05:00	00:05	63.7168333	-92.118	63.7231667	-92.1525	Moving	20	Cloudy	Slight/ Grey	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	TUVAQ W	7/23/2025	14:05:00	14:10:00	00:05	63.7223333	-92.118	63.718	-92.1676667	Moving	20	Cloudy	Slight/ Grey	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	TUVAQ W	7/23/2025	18:30:00	18:35:00	00:05	63.9345	-93.5845	63.9345	-93.5845	Stationary	20	Cloudy		Wavelets	0.2	Light Wind
Coastal Shipping Ltd	TUVAQ W	7/23/2025	18:35:00	18:40:00	00:05	63.9345	-93.5845	63.9345	-93.5845	Stationary	20	Cloudy		Wavelets	0.2	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Coastal Shipping Ltd	TUVAQ W	7/23/2025	18:40:00	18:45:00	00:05	63.9345	-93.5845	63.9345	-93.5845	Stationary	20	Cloudy		Wavelets	0.2	Light Wind
Coastal Shipping Ltd	TUVAQ W	7/23/2025	18:45:00	18:50:00	00:05	63.9345	-93.5845	63.9345	-93.5845	Stationary	20	Cloudy		Wavelets	0.2	Light Wind
Coastal Shipping Ltd	TUVAQ W	7/23/2025	18:50:00	18:55:00	00:05	63.9345	-93.5845	63.9345	-93.5845	Stationary	20	Cloudy		Wavelets	0.2	Light Wind
Coastal Shipping Ltd	TUVAQ W	7/23/2025	18:55:00	19:00:00	00:05	63.6011667	-93.5845	63.9345	-93.5845	Stationary	20	Cloudy		Wavelets	0.2	Light Wind
Coastal Shipping Ltd	TUVAQ W	7/23/2025	11:20:00	11:25:00	00:05	64.1168333	-94.5333333	64.1168333	-94.5333333	Moving	20	Cloudy		Wavelets	0.3	Light Wind
Coastal Shipping Ltd	TUVAQ W	7/23/2025	11:25:00	11:30:00	00:05	64.1168333	-94.5341667	64.1168333	-94.5341667	Moving	20	Cloudy		Wavelets	0.3	Light Wind
Coastal Shipping Ltd	TUVAQ W	7/23/2025	11:30:00	11:35:00	00:05	64.1168333	-94.5341667	64.1168333	-94.5341667	Moving	20	Cloudy		Wavelets	0.3	Light Wind
Coastal Shipping Ltd	TUVAQ W	7/23/2025	11:35:00	11:40:00	00:05	64.1168333	-94.5341667		-94.5341667	Moving	20	Cloudy		Wavelets	0.3	Light Wind
Coastal Shipping Ltd	TUVAQ W	7/23/2025	11:40:00	11:45:00	00:05	64.1168333	-94.5341667	64.1168333	-94.5341667	Moving	20	Cloudy		Wavelets	0.3	Light Wind
Coastal Shipping Ltd	TUVAQ W	7/23/2025	11:45:00	11:50:00	00:05	64.117	-94.618	64.117	-94.5515	Moving	20	Cloudy		Wavelets	0.3	Light Wind
Coastal Shipping Ltd	TUVAQ W	8/9/2025	13:30:00	13:35:00	00:05	64.1333333	-94.6678333	64.1338333	-94.7013333	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Light Wind
Coastal Shipping Ltd	TUVAQ W	8/9/2025	13:35:00	13:40:00	00:05	64.1338333	-94.7013333	64.1341667	-94.75	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Light Wind
Coastal Shipping Ltd	TUVAQ W	8/9/2025	13:40:00	13:45:00	00:05	64.1341667	-94.75	64.1346667	-94.7836667	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Light Wind
Coastal Shipping Ltd	TUVAQ W	8/9/2025	13:45:00	13:50:00	00:05	64.1346667	-94.7836667	64.1513333	-94.8173333	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Light Wind
Coastal Shipping Ltd	TUVAQ W	8/9/2025	13:50:00	13:55:00	00:05	64.1513333	-94.8173333	64.1505	-94.8508333	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	0	Light Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	7/21/2025	16:00:00	17:00:00	01:00	62.5233333	-91.1503333	62.484	-91.3003333	Moving	16	Cloudy	None	Wavelets	0.3	Calm
Coastal Shipping Ltd	QIKIQTAAALUK W	7/22/2025	16:00:00	17:00:00	01:00					Stationary	10	Medium to Heavy Rain	None	Rough	2	Strong Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	7/22/2025	18:00:00	19:00:00	01:00	62.7506667	-91.9835	62.6681667	-91.5333333	Moving	15	Clear or Partly Cloudy	None	Wavelets	0.1	Light Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	7/26/2025	14:30:00	15:30:00	01:00	62.5013333	-91.1506667	62.6178333	-91.1346667	Moving	15	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	7/31/2025	14:00:00	15:00:00	01:00	63.1013333	-90.3338333	63.2513333	-90.4338333	Moving	20	Clear or Partly Cloudy	None	Slight	0.25	Light Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	8/1/2025	12:00:00	13:00:00	01:00	63.934	-93.6338333	63.934	-93.6338333	Stationary	10	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	8/6/2025	18:00:00	19:00:00	01:00	63.951	-93.2511667	63.951	-93.4178333	Moving	15	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	11:30:00	11:35:00	00:05	61.5001667	-62.2666667	61.5001667	-62.2846667	Moving	4	Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	11:35:00	11:40:00	00:05	61.5001667	-62.2846667	61.5001667	-62.318	Moving	4	Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	11:40:00	11:45:00	00:05	61.5001667	-62.318	61.5	-62.3511667	Moving	4	Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	11:45:00	11:50:00	00:05	61.5	-62.3511667	61.4848333	-62.3845	Moving	4	Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	11:50:00	11:55:00	00:05	61.4848333	-62.3845	61.4846667	-62.4178333	Moving	4	Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	11:55:00	12:00:00	00:05	61.4846667	-62.4178333	61.4845	-62.451	Moving	4	Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	16:30:00	16:35:00	00:05	61.168	-64.2175	61.1673333	-64.2506667	Moving	5	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	16:35:00	16:40:00	00:05	61.1673333	-64.2506667	61.1515	-64.284	Moving	5	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	16:40:00	16:45:00	00:05	61.1515	-64.284	61.1506667	-64.317	Moving	5	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	16:45:00	16:50:00	00:05	61.134	-64.317	61.1348333	-64.35	Moving	5	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	16:50:00	16:55:00	00:05	61.1348333	-64.35	61.1336667	-64.3681667	Moving	5	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	16:55:00	17:00:00	00:05	61.1336667	-64.3681667	61.1175	-64.4166667	Moving	5	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	19:27:00	19:32:00	00:05	61.0168333	-64.9008333	61.0171667	-64.9168333	Moving	0.1	Fog		Glassy	0	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	19:34:00	19:39:00	00:05	61.0171667	-64.917	61.0173333	-64.9011667	Moving	0.1	Fog		Glassy	0	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	19:41:00	19:46:00	00:05	61.0173333	-64.901	61.0173333	-64.9003333	Moving	0.1	Fog		Glassy	0	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	19:47:00	19:52:00	00:05	61.0173333	-64.9003333	61.0173333	-64.9	Moving	0.1	Fog		Glassy	0	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	19:53:00	19:58:00	00:05	61.0173333	-64.9	61.0175	-64.9	Moving	0.1	Fog		Glassy	0	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	20:00:00	20:05:00	00:05	61.0175	-64.9001667	61.0175	-64.9001667	Moving	0.1	Fog		Glassy	0	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/26/2025	08:16:00	08:21:00	00:05	60.9845	-64.6508333	60.9845	-64.4846667	Stationary	0.1	Fog	None	Glassy	0	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/26/2025	08:22:00	08:27:00	00:05	60.9846667	-64.6515	60.9848333	-64.6668333	Stationary	0.1	Fog	None	Glassy	0	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/26/2025	08:30:00	08:35:00	00:05	61	-64.6675	61	-64.6676667	Stationary	0.1	Fog	None	Glassy	0	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/26/2025	08:37:00	08:42:00	00:05	61.0001667	-64.6678333	61.0003333	-64.6681667	Stationary	0.1	Fog	None	Glassy	0	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/26/2025	08:44:00	08:49:00	00:05	61.0005	-64.6833333	61.0006667	-64.6836667	Stationary	0.1	Fog	None	Glassy	0	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/26/2025	08:51:00	08:56:00	00:05	61.0008333	-64.6838333	61.001	-64.6841667	Stationary	0.1	Fog	None	Glassy	0	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/26/2025	16:30:00	16:35:00	00:05	61.034	-64.5173333	61.034	-64.5171667	Stationary	0.5	Fog			0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/26/2025	16:36:00	16:41:00	00:05	61.0338333	-64.5171667	61.0338333	-64.517	Stationary	0.5	Fog			0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/26/2025	16:42:00	16:47:00	00:05	61.0338333	-64.517	61.0338333	-64.5168333	Stationary	0.5	Fog			0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/26/2025	16:48:00	16:53:00	00:05	61.0338333	-64.5168333	61.0336667	-64.5166667	Stationary	0.5	Fog			0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/26/2025	16:54:00	16:59:00	00:05	61.0336667	-64.5166667		-64.5015	Stationary	0.5	Fog			0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/26/2025	17:00:00	17:05:00	00:05	61.0336667	-64.5015	61.0335	-64.5015	Stationary	0.5	Fog			0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/26/2025	19:30:00	19:35:00	00:05	61.0005	-64.6011667	61.0005	-64.6011667	Stationary	0.1	Fog	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/26/2025	19:36:00	19:41:00	00:05	61.0005	-64.6015	61.0003333	-64.6168333	Stationary	0.1	Fog	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/26/2025	19:42:00	19:47:00	00:05	61.0005	-64.6168333	61.0003333	-64.6173333	Stationary	0.1	Fog	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/26/2025	19:48:00	19:53:00	00:05	61.0003333	-64.6173333	61.0001667	-64.618	Stationary	0.1	Fog	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/26/2025	19:54:00	19:59:00	00:05	61.0001667	-64.618	61	-64.6335	Stationary	0.1	Fog	None	Rippled	0.5	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/26/2025	20:00:00	20:05:00	00:05	61	-64.6335	61	-64.634	Stationary	0.1	Fog	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	11:30:00	11:35:00	00:05	60.767	-66.2008333	60.751	-66.2181667	Moving	8	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	11:35:00	11:40:00	00:05	60.751	-66.2181667	60.7503333	-66.2506667	Moving	8	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	11:40:00	11:45:00	00:05	60.7503333	-66.2506667	60.75	-66.2835	Moving	8	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	11:45:00	11:50:00	00:05	60.75	-66.2835	60.75	-66.3011667	Moving	8	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	11:50:00	11:55:00	00:05	60.75	-66.3011667	60.75	-66.3345	Moving	8	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	11:55:00	12:00:00	00:05	60.75	-66.3345	60.7501667	-66.3681667	Moving	8	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	16:30:00	16:35:00	00:05	61.1336667	-67.7681667	61.1501667	-67.7848333	Moving	9	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	16:35:00	16:40:00	00:05	61.1501667	-67.7848333	61.1513333	-67.817	Moving	9	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	16:40:00	16:45:00	00:05	61.1513333	-67.817	61.1673333	-67.8346667	Moving	9	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	16:45:00	16:50:00	00:05		-67.8346667	61.1681667	-67.8673333	Moving	9	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	16:50:00	16:55:00	00:05	61.1681667	-67.8673333	61.1841667	-67.9001667	Moving	9	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	16:55:00	17:00:00	00:05	61.1841667	-67.9001667	61.2	-67.9176667	Moving	9	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	19:28:00	19:33:00	00:05	61.4335	-68.8175	61.4343333	-68.8348333	Moving	12	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	19:34:00	19:39:00	00:05	61.4348333	-68.851	61.4506667	-68.8835	Moving	12	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	19:41:00	19:46:00	00:05	61.4508333	-68.884	61.467	-68.9173333	Moving	12	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	19:48:00	19:53:00	00:05	61.4671667	-68.918	61.4833333	-68.951	Moving	12	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	19:54:00	19:59:00	00:05	61.4835	-68.9515	61.4846667	-68.9848333	Moving	12	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	20:00:00	20:05:00	00:05	61.4848333	-69.0003333	61.334	-69.0176667	Moving	12	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/28/2025	11:20:00	11:35:00	00:15	62.9846667	-74.751	62.9845	-74.8005	Moving	12	Clear or Partly Cloudy		Wavelets	1	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/28/2025	11:36:00	11:41:00	00:05	62.9843333	-74.8015	62.9843333	-74.834	Moving	12	Clear or Partly Cloudy		Wavelets	1	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/28/2025	11:42:00	11:47:00	00:05	62.9843333	-74.8348333	62.9845	-74.884	Moving	12	Clear or Partly Cloudy		Wavelets	1	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/28/2025	11:48:00	11:53:00	00:05	62.9845	-74.8843333	62.9845	-74.8843333	Moving	12	Clear or Partly Cloudy		Wavelets	1	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/28/2025	11:54:00	11:59:00	00:05	62.9845	-94.9335	62.9846667	-74.9678333	Moving	12	Clear or Partly Cloudy		Wavelets	1	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/28/2025	12:00:00	12:05:00	00:05	62.9846667	-74.9833333	62.9848333	-75.0171667	Moving	12	Clear or Partly Cloudy		Wavelets	1	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/28/2025	16:30:00	16:35:00	00:05	62.9846667	-77.1515	62.9846667	-77.1845	Moving	1	Fog		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/28/2025	16:36:00	16:41:00	00:05	62.9846667	-77.2	62.9846667	-77.2335	Moving	1	Fog		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/28/2025	16:42:00	16:47:00	00:05	62.9846667	-77.2338333	62.9846667	-77.2676667	Moving	1	Fog		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/28/2025	16:48:00	16:53:00	00:05	62.9846667	-77.2833333	62.9846667	-77.3166667	Moving	1	Fog		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/28/2025	16:54:00	16:59:00	00:05	62.9846667	-77.3171667	62.9846667	-77.3505	Moving	1	Fog		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/28/2025	17:00:00	17:05:00	00:05	62.9846667	-77.3515	62.9846667	-77.3843333	Moving	1	Fog		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/28/2025	19:15:00	19:20:00	00:05	62.9171667	-78.1666667	62.9168333	-78.1845	Moving	0.1	Fog	None	Rippled	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/28/2025	19:22:00	19:27:00	00:05	62.9168333	-78.2001667	62.9015	-78.218	Moving	0.1	Fog	None	Rippled	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/28/2025	19:29:00	19:34:00	00:05	62.9013333	-78.2341667	62.901	-78.267	Moving	0.1	Fog	None	Rippled	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/28/2025	19:35:00	19:40:00	00:05	62.9008333	-78.2675	62.9005	-78.3003333	Moving	0.1	Fog	None	Rippled	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/28/2025	19:41:00	19:46:00	00:05	62.9003333	-78.301	62.8848333	-78.3338333	Moving	0.1	Fog	None	Rippled	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/28/2025	19:47:00	19:52:00	00:05	62.8848333	-78.3343333	62.8843333	-78.3675	Moving	0.1	Fog	None	Rippled	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	08:45:00	08:50:00	00:05	61.9013333	-82.6335	61.9013333	-82.6681667	Moving	6	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	08:50:00	08:55:00	00:05	61.9013333	-82.6673333	61.9015	-82.7011667	Moving	6	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	08:55:00	09:00:00	00:05	61.9015	-82.7011667	61.9015	-82.7341667	Moving	6	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	09:00:00	09:05:00	00:05	61.9015	-82.7341667	61.9015	-82.7681667	Moving	6	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	09:05:00	09:10:00	00:05			61.9166667	-82.8015	Moving	6	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	09:10:00	09:15:00	00:05	61.9166667	-82.8015	61.9166667	-82.8348333	Moving	6	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	15:50:00	15:55:00	00:05	62.0671667	-85.5015	62.0676667	-85.5508333	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	15:55:00	16:00:00	00:05	62.067	-85.5841667	62.0678333	-85.584	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	16:00:00	16:05:00	00:05	62.0678333	-85.584	62.0833333	-85.6176667	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	16:05:00	16:10:00	00:05	62.0833333	-85.6176667	62.0836667	-85.6671667	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	16:10:00	16:15:00	00:05	62.0836667	-85.6671667	62.084	-85.7006667	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	16:15:00	16:20:00	00:05	62.084	-85.7006667	62.0843333	-85.7338333	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	19:13:00	19:18:00	00:05	62.2006667	-86.9841667	62.201	-87.001	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	19:19:00	19:24:00	00:05	62.201	-87.0166667	62.2015	-87.0515	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	19:25:00	19:30:00	00:05	62.2166667	-87.0671667	62.217	-87.1006667	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	19:32:00	19:37:00	00:05	62.2171667	-87.1175	62.2175	-87.1508333	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	19:38:00	19:43:00	00:05	62.2176667	-87.1668333	62.218	-87.2001667	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	19:44:00	19:49:00	00:05	62.2181667	-87.2013333	62.2335	-87.234	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/30/2025	08:00:00	08:05:00	00:05	62.6008333	-90.9678333	62.6008333	-90.968	Stationary	0.1	Fog	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/30/2025	08:06:00	08:11:00	00:05	62.6008333	-90.9681667	62.6008333	-90.9833333	Stationary	0.1	Fog	None	Rippled	0.3	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/30/2025	08:12:00	08:17:00	00:05	62.6008333	-90.9835	62.6008333	-90.9836667	Stationary	0.1	Fog	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/30/2025	08:18:00	08:23:00	00:05	62.6008333	-90.9838333	62.6008333	-90.9841667	Stationary	0.1	Fog	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/30/2025	08:26:00	08:31:00	00:05	62.6008333	-90.9841667	62.6008333	-90.9845	Stationary	0.1	Fog	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/30/2025	08:32:00	08:37:00	00:05	62.6008333	-90.9846667	62.6008333	-90.9848333	Stationary	0.1	Fog	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/30/2025	16:48:00	16:53:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12		None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/30/2025	16:55:00	17:00:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12		None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/30/2025	17:01:00	17:06:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12		None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/30/2025	16:30:00	16:35:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12		None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/30/2025	16:36:00	16:41:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12		None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/30/2025	16:42:00	16:47:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12		None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/30/2025	22:15:00	22:20:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/30/2025	22:21:00	22:26:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/30/2025	22:27:00	22:32:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/30/2025	22:33:00	22:38:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/30/2025	22:40:00	22:45:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/30/2025	22:47:00	22:53:00	00:06	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	04:40:00	04:45:00	00:05	62.7678333	-92.0845	62.7678333	-92.0845	Stationary	6	Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	04:46:00	04:51:00	00:05	62.7678333	-92.0843333	62.7678333	-92.0843333	Stationary	6	Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	04:52:00	04:57:00	00:05	62.7678333	-92.0843333	62.7678333	-92.0843333	Stationary	6	Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	04:59:00	05:04:00	00:05	62.7678333	-92.0843333	62.7678333	-92.0843333	Stationary	6	Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	05:05:00	05:10:00	00:05	62.7678333	-92.0843333	62.7678333	-92.0843333	Stationary	6	Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	05:11:00	05:16:00	00:05	62.7678333	-92.0843333	62.7678333	-92.0843333	Stationary	6	Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	14:00:00	14:05:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	14:06:00	14:11:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	14:12:00	14:17:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	14:18:00	14:23:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	14:25:00	14:30:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	14:31:00	14:36:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	22:00:00	22:05:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	22:06:00	22:11:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	22:13:00	22:18:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	22:19:00	22:24:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	22:25:00	22:30:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	22:31:00	22:36:00	00:05	62.7678333	-92.0846667	62.7678333	-92.0846667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	04:20:00	04:25:00	00:05	62.7676667	-92.0843333	62.7676667	-92.0843333	Stationary	12	Clear or Partly Cloudy		Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	04:26:00	04:31:00	00:05	62.7676667	-92.0843333	62.7676667	-92.0843333	Stationary	12	Clear or Partly Cloudy		Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	04:32:00	04:37:00	00:05	62.7676667	-92.0843333	62.7676667	-92.0843333	Stationary	12	Clear or Partly Cloudy		Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	04:28:00	04:43:00	00:15	62.7676667	-92.0843333	62.7676667	-92.0843333	Stationary	12	Clear or Partly Cloudy		Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	04:44:00	04:49:00	00:05	62.7676667	-92.0843333	62.7676667	-92.0843333	Stationary	12	Clear or Partly Cloudy		Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	04:50:00	04:55:00	00:05	62.7676667	-92.0843333	62.7676667	-92.0843333	Stationary	12	Clear or Partly Cloudy		Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	14:00:00	14:05:00	00:05	62.7678333	-92.084	62.7678333	-92.084	Stationary	12	Clear or Partly Cloudy		Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	14:06:00	14:11:00	00:05	62.7676667	-92.084	62.7676667	-92.084	Stationary	12	Clear or Partly Cloudy		Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	14:12:00	14:17:00	00:05	62.7676667	-92.084	62.7676667	-92.084	Stationary	12	Clear or Partly Cloudy		Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	14:18:00	14:23:00	00:05	62.7676667	-92.084	62.7676667	-92.084	Stationary	12	Clear or Partly Cloudy		Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	14:25:00	14:30:00	00:05	62.7676667	-92.084	62.7676667	-92.084	Stationary	12	Clear or Partly Cloudy		Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	14:31:00	14:36:00	00:05	62.7676667	-92.084	62.7676667	-92.084	Stationary	12	Clear or Partly Cloudy		Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	22:01:00	22:06:00	00:05	62.7678333	-92.0841667	62.7678333	-92.0841667	Stationary	12	Cloudy	None	Rippled	0.3	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	22:07:00	22:12:00	00:05	62.7678333	-92.0841667	62.7678333	-92.0841667	Stationary	12	Cloudy	None	Rippled	0.3	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	22:13:00	22:18:00	00:05	62.7678333	-92.0841667	62.7678333	-92.0841667	Stationary	12	Cloudy	None	Rippled	0.3	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	22:19:00	22:24:00	00:05	62.7678333	-92.0841667	62.7678333	-92.0841667	Stationary	12	Cloudy	None	Rippled	0.3	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	22:25:00	22:30:00	00:05	62.7678333	-92.0841667	62.7678333	-92.0841667	Stationary	12	Cloudy	None	Rippled	0.3	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	22:31:00	22:36:00	00:05	62.7678333	-92.0841667	62.7678333	-92.0841667	Stationary	12	Cloudy	None	Rippled	0.3	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/3/2025	04:20:00	04:25:00	00:05	62.7676667	-92.084	62.7676667	-92.084	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/3/2025	04:26:00	04:31:00	00:05	62.7676667	-92.084	62.7676667	-92.084	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/3/2025	04:32:00	04:37:00	00:05	62.7676667	-92.084	62.7676667	-92.084	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/3/2025	04:38:00	04:43:00	00:05	62.7676667	-92.084	62.7676667	-92.084	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/3/2025	04:44:00	04:49:00	00:05	62.7676667	-92.084	62.7676667	-92.084	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/3/2025	04:50:00	04:55:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/3/2025	14:00:00	14:05:00	00:05	62.7675	-92.0843333	62.7675	-92.0843333	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/3/2025	14:06:00	14:11:00	00:05	62.7675	-92.0843333	62.7675	-92.0843333	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/3/2025	14:12:00	14:17:00	00:05	62.7675	-92.0843333	62.7675	-92.0843333	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/3/2025	14:18:00	14:23:00	00:05	62.7675	-92.0843333	62.7675	-92.0843333	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/3/2025	14:25:00	14:30:00	00:05	62.7675	-92.0843333	62.7675	-92.0843333	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/3/2025	14:31:00	14:36:00	00:05	62.7675	-92.0843333	62.7675	-92.0843333	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/3/2025	22:03:00	22:08:00	00:05	62.7676667	-92.0846667	62.7676667	-92.0846667	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/3/2025	22:09:00	22:14:00	00:05	62.7676667	-92.0846667	62.7676667	-92.0846667	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/3/2025	22:15:00	22:20:00	00:05	62.7676667	-92.0846667	62.7676667	-92.0846667	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/3/2025	22:21:00	22:26:00	00:05	62.7676667	-92.0846667	62.7676667	-92.0846667	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/3/2025	22:27:00	22:32:00	00:05	62.7676667	-92.0846667	62.7676667	-92.0846667	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/3/2025	22:34:00	22:39:00	00:05	62.7676667	-92.0846667	62.7676667	-92.0846667	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/4/2025	04:30:00	04:35:00	00:05	62.7676667	-92.0846667	62.7676667	-92.0846667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/4/2025	04:36:00	04:41:00	00:05	62.7676667	-92.0846667	62.7676667	-92.0846667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/4/2025	04:42:00	04:47:00	00:05	62.7676667	-92.0846667	62.7676667	-92.0846667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/4/2025	04:48:00	04:53:00	00:05	62.7676667	-92.0846667	62.7676667	-92.0846667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/4/2025	04:54:00	04:59:00	00:05	62.7676667	-92.0846667	62.7676667	-92.0846667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/4/2025	05:00:00	05:05:00	00:05	62.7676667	-92.0846667	62.7676667	-92.0846667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/4/2025	14:01:00	14:06:00	00:05	62.7676667	-92.0846667	62.7676667	-92.0846667	Stationary	12	Cloudy	None	Rippled	0.8	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/4/2025	14:07:00	14:12:00	00:05	62.7676667	-92.0846667	62.7676667	-92.0846667	Stationary	12	Cloudy	None	Rippled	0.8	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/4/2025	14:13:00	14:18:00	00:05	62.7676667	-92.0846667	62.7676667	-92.0846667	Stationary	12	Cloudy	None	Rippled	0.8	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/4/2025	14:19:00	14:24:00	00:05	62.7676667	-92.0846667	62.7676667	-92.0846667	Stationary	12	Cloudy	None	Rippled	0.8	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/4/2025	14:25:00	14:30:00	00:05	62.7676667	-92.0846667	62.7676667	-92.0846667	Stationary	12	Cloudy	None	Rippled	0.8	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/4/2025	14:35:00	14:40:00	00:05	62.7676667	-92.0846667	62.7676667	-92.0846667	Stationary	12	Cloudy	None	Rippled	0.8	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/4/2025	21:59:00	22:04:00	00:05	62.7675	-92.0845	62.7675	-92.0845	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/4/2025	22:05:00	22:10:00	00:05	62.7675	-92.0845	62.7675	-92.0845	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/4/2025	22:11:00	22:16:00	00:05	62.7675	-92.0845	62.7675	-92.0845	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/4/2025	22:17:00	22:22:00	00:05	62.7675	-92.0845	62.7675	-92.0845	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/4/2025	22:23:00	22:28:00	00:05		-92.0845	62.7675	-92.0845	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/4/2025	22:29:00	22:34:00	00:05	62.7675	-92.0845	62.7675	-92.0845	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/5/2025	04:30:00	04:35:00	00:05	62.7675	-92.0843333	62.7675	-92.0843333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/5/2025	04:36:00	04:41:00	00:05	62.7675	-92.0843333	62.7675	-92.0843333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/5/2025	04:42:00	04:47:00	00:05	62.7675	-92.0843333	62.7675	-92.0843333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/5/2025	04:48:00	04:53:00	00:05	62.7675	-92.0843333	62.7675	-92.0843333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/5/2025	04:54:00	04:59:00	00:05	62.7675	-92.0843333	62.7675	-92.0843333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/5/2025	05:00:00	05:05:00	00:05	62.7675	-92.0843333	62.7675	-92.0843333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/5/2025	18:00:00	18:05:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Wavelets	0.4	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/5/2025	18:06:00	18:11:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Wavelets	0.4	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/5/2025	18:12:00	18:17:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Wavelets	0.4	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/5/2025	18:18:00	18:23:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Wavelets	0.4	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/5/2025	18:24:00	18:29:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Wavelets	0.4	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/5/2025	18:30:00	18:35:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Wavelets	0.4	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/5/2025	22:45:00	22:50:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Wavelets	0.9	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/5/2025	22:51:00	22:56:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Wavelets	0.9	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/5/2025	22:57:00	23:02:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Wavelets	0.9	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/5/2025	22:03:00	22:08:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Wavelets	0.9	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/5/2025	23:09:00	23:14:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Wavelets	0.9	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/5/2025	23:15:00	23:20:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Wavelets	0.9	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	04:10:00	04:15:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.5	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	04:16:00	04:21:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.5	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	04:22:00	04:27:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.5	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	04:29:00	04:34:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.5	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	04:35:00	04:40:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.5	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	04:41:00	04:46:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.5	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	14:02:00	14:07:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	14:08:00	14:13:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Wavelets	1	Strong Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	14:14:00	14:19:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	14:20:00	14:25:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	14:26:00	14:31:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	14:32:00	14:37:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	22:00:00	22:05:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.9	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	22:06:00	22:11:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.9	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	22:12:00	22:17:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.9	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	22:18:00	22:23:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.9	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	22:24:00	22:29:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.9	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	22:30:00	22:35:00	00:05	62.7675	-92.084	62.7675	-92.084	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.9	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/8/2025	19:20:00	19:25:00	00:05	62.4676667	-89.6681667	62.451	-89.6681667	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/8/2025	19:26:00	19:31:00	00:05	62.4671667	-89.634	62.4668333	-89.5848333	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/8/2025	19:32:00	19:37:00	00:05	62.4666667	-89.5838333	62.4513333	-89.5346667	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/8/2025	19:38:00	19:43:00	00:05	62.4513333	-89.5338333	62.451	-89.5003333	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/8/2025	19:44:00	19:49:00	00:05	62.4508333	-89.4845	62.4505	-89.4501667	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/8/2025	19:50:00	19:55:00	00:05	62.4503333	-78.4345	62.4348333	-89.4166667	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS		11:30:00	11:35:00		62.1678333	-81.8845	62.1843333	-81.8506667	Moving	8	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS		11:35:00	11:40:00		62.1843333	-81.8506667	62.2005	-81.4848333	Moving	8	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS		11:40:00	11:45:00		62.2005	-81.8181667	62.2015	-81.8005	Moving	8	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS		11:45:00	11:50:00		62.2015	-81.8008333	61.2178333	-81.7676667	Moving	8	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS		11:50:00	11:55:00		62.2178333	-81.7676667	62.2345	-81.3676667	Moving	8	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS		11:55:00	12:00:00		62.2345	-81.7343333	62.2506667	-81.7015	Moving	8	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/9/2025	16:30:00	16:35:00	00:05	62.651	-79.7671667	62.651	-79.717	Moving	8	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/9/2025	16:35:00	16:40:00	00:05	62.4843333	-79.717	62.651	-79.6681667	Moving	8	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/9/2025	16:40:00	16:45:00	00:05	62.651	-79.6681667	62.4843333	-79.6338333	Moving	8	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/9/2025	16:45:00	16:50:00	00:05	62.651	-79.6338333	62.651	-79.584	Moving	8	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/9/2025	16:50:00	16:55:00	00:05	62.651	-79.584	62.651	-79.5346667	Moving	8	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/9/2025	16:55:00	17:00:00	00:05	62.651	-79.5346667	62.6511667	-79.5005	Moving	8	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/9/2025	19:00:00	19:05:00	00:05	62.6515	-78.401	62.6515	-78.3671667	Moving	12	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/9/2025	19:06:00	19:11:00	00:05	62.6515	-78.3501667	62.6666667	-78.2845	Moving	12	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/9/2025	19:12:00	19:17:00	00:05	62.6666667	-78.2835	62.6668333	-78.2336667	Moving	12	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/9/2025	19:18:00	19:23:00	00:05	62.6668333	-78.2176667	62.667	-78.1838333	Moving	12	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/9/2025	19:24:00	19:29:00	00:05	62.667	-78.1838333	62.667	-78.1338333	Moving	12	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/9/2025	19:30:00	19:35:00	00:05	62.667	-78.1178333	62.667	-78.0678333	Moving	12	Cloudy	None	Wavelets	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/10/2025	11:30:00	11:35:00	00:05	61.9841667	-70.1175	61.9833333	-70.0838333	Moving	20	Cloudy	Slight/ Grey	Wavelets	1	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/10/2025	11:36:00	11:41:00	00:05	61.9681667	-70.0675	61.9676667	-70.0343333	Moving	20	Cloudy	Slight/ Grey	Wavelets	1	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/10/2025	11:42:00	11:47:00	00:05	61.9676667	-70.0335	61.9668333	-69.9846667	Moving	20	Cloudy	Slight/ Grey	Wavelets	1	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/10/2025	11:48:00	11:53:00	00:05	61.9666667	-69.984	61.951	-69.9501667	Moving	20	Cloudy	Slight/ Grey	Wavelets	1	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/10/2025	11:54:00	11:59:00	00:05	61.951	-69.9343333	61.9501667	-69.9001667	Moving	20	Cloudy	Slight/ Grey	Wavelets	1	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/10/2025	12:00:00	12:05:00	00:05	61.95	-69.8841667	61.9343333	-69.8515	Moving	20	Cloudy	Slight/ Grey	Wavelets	1	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/10/2025	16:30:00	16:35:00	00:05	61.517	-67.7833333	61.5013333	-67.7348333	Moving	20		None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/10/2025	16:36:00	16:41:00	00:05	61.501	-67.7341667	61.5001667	-67.7006667	Moving	20		None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/10/2025	16:42:00	16:47:00	00:05	61.5	-67.6848333	61.4841667	-67.4846667	Moving	20		None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/10/2025	16:48:00	16:53:00	00:05	61.484	-67.6506667	61.4681667	-67.6171667	Moving	20		None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/10/2025	16:54:00	16:59:00	00:05	61.4678333	-67.6013333	61.4671667	-67.5681667	Moving	20		None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/10/2025	17:00:00	17:05:00	00:05	61.467	-67.5676667	61.4511667	-67.534	Moving	20		None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/10/2025	19:20:00	19:25:00	00:05	61.3178333	-66.5508333	61.3173333	-66.517		12	Cloudy	None	Wavelets	0.9	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/10/2025	19:26:00	19:31:00	00:05	61.3171667	-66.5013333	61.3166667	-66.467		12	Cloudy	None	Wavelets	0.9	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/10/2025	19:33:00	19:38:00	00:05	61.3166667	-66.4511667	61.3013333	-66.434		12	Cloudy	None	Wavelets	0.9	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/10/2025	19:39:00	19:43:00	00:04	61.3011667	-66.4173333	61.3008333	-66.4001667		12	Cloudy	None	Wavelets	0.9	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/10/2025	19:44:00	19:49:00	00:05	61.3008333	-66.3845	61.3	-66.3501667		12	Cloudy	None	Wavelets	0.9	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/10/2025	19:50:00	19:55:00	00:05	61.3	-66.3501667	61.2841667	-66.301		12	Cloudy	None	Wavelets	0.9	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	04:15:00	04:20:00	00:05	62.7675	-92.0838333	62.7675	-92.0838333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	04:21:00	04:26:00	00:05	62.7675	-92.0838333	62.7675	-92.0838333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	04:27:00	04:32:00	00:05	62.7675	-92.0838333	62.7675	-92.0838333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	04:33:00	04:38:00	00:05	62.7675	-92.0838333	62.7675	-92.0838333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	04:39:00	04:44:00	00:05	62.7675	-92.0838333	62.7675	-92.0838333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	04:45:00	04:50:00	00:05	62.7675	-92.0838333	62.7675	-92.0838333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	15:20:00	15:25:00	00:05	62.7675	-92.0841667	62.7675	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.9	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	15:26:00	15:31:00	00:05	62.7675	-92.0841667	62.7675	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.9	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	15:32:00	15:32:00	00:00	62.7675	-92.0841667	62.7675	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.9	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	15:38:00	15:43:00	00:05	62.7675	-92.0841667	62.7675	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.9	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	15:44:00	15:49:00	00:05	62.7675	-92.0841667	62.7675	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.9	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	15:50:00	15:55:00	00:05	62.7675	-92.0841667	62.7675	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.9	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	22:00:00	22:05:00	00:05	62.7676667	-92.0841667	62.7676667	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	22:06:00	22:11:00	00:05	62.7676667	-92.0841667	62.7676667	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	22:12:00	22:17:00	00:05	62.7676667	-92.0841667	62.7676667	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	22:18:00	22:23:00	00:05	62.7676667	-92.0841667	62.7676667	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	22:24:00	22:29:00	00:05	62.7676667	-92.0841667	62.7676667	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	22:30:00	22:35:00	00:05	62.7676667	-92.0841667	62.7676667	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/8/2025	04:25:00	04:30:00	00:05	62.7676667	-92.0841667	62.7676667	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/8/2025	04:31:00	04:36:00	00:05	62.7676667	-92.0841667	62.7676667	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/8/2025	04:37:00	04:42:00	00:05	62.7676667	-92.0841667	62.7676667	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/8/2025	04:43:00	04:48:00	00:05	62.7676667	-92.0841667	62.7676667	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/8/2025	04:49:00	04:54:00	00:05	62.7676667	-92.0841667	62.7676667	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/8/2025	04:55:00	05:00:00	00:05	62.7676667	-92.0841667	62.7676667	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/8/2025	16:30:00	16:35:00	00:05	62.6166667	-91.1176667	62.601	-91.0006667	Moving	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/8/2025	16:36:00	16:41:00	00:05	62.601	-91	62.5505	-90.9515	Moving	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/8/2025	16:42:00	16:47:00	00:05	62.6005	-90.9508333	62.5848333	-90.9005	Moving	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/8/2025	16:48:00	16:53:00	00:05	62.5848333	-90.9003333	62.5843333	-90.8673333	Moving	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/8/2025	16:54:00	16:59:00	00:05	62.5843333	-90.8666667	62.584	-90.8173333	Moving	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/8/2025	17:00:00	17:05:00	00:05	62.584	-90.8166667	62.5836667	-90.7675	Moving	20	Clear or Partly Cloudy	None	Rippled	1	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	10:10:00	10:45:00	00:35	60.1005	-60.5011667	60.1515	-60.7173333	Moving	2	Clear or Partly Cloudy		Slight	0.3	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	10:50:00	11:10:00	00:20	60.1515	-60.7173333	60.1503333	-60.7173333	Moving	2	Clear or Partly Cloudy		Slight	0.3	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	11:15:00	11:30:00	00:15	60.2008333	-60.8678333	60.2515	-60.9848333	Moving	2	Clear or Partly Cloudy		Slight	0.3	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	11:31:00	11:40:00	00:09	60.2335	-61.0168333	60.2335	-61.0168333	Moving	2	Clear or Partly Cloudy		Slight	0.3	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	11:41:00	11:49:00	00:08	60.2343333	-61.1005	60.2501667	-61.1515	Moving	2	Clear or Partly Cloudy		Slight	0.3	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	11:51:00	12:05:00	00:14	60.2503333	-61.168	60.2503333	-61.168	Moving	2	Clear or Partly Cloudy		Slight	0.3	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	15:29:00	15:35:00	00:06	60.534	-62.6843333	60.5348333	-62.7335	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	15:43:00	15:48:00	00:05	60.5511667	-62.7841667	60.5671667	-62.818	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	15:51:00	15:56:00	00:05	60.5675	-62.8348333	60.5835	-62.8835	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	15:59:00	16:05:00	00:06	60.5838333	-62.8848333	60.6001667	-62.9338333	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	16:11:00	16:17:00	00:06	60.6015	-62.9676667	60.6176667	-63.0011667	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	16:23:00	16:29:00	00:06	60.6336667	-63.0348333	60.6336667	-63.0841667	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	08:40:00	08:48:00	00:08	61.9348333	-69.9341667	61.951	-70.0006667	Moving	1	Clear or Partly Cloudy	Slight/ Grey	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	08:50:00	08:55:00	00:05	61.9511667	-70.0168333	61.9666667	-70.05	Moving	1	Clear or Partly Cloudy	Slight/ Grey	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	09:00:00	09:07:00	00:07	61.9673333	-70.0836667	61.9835	-70.1343333	Moving	1	Clear or Partly Cloudy	Slight/ Grey	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	09:08:00	09:14:00	00:06	61.9835	-70.1348333	61.901	-70.1841667	Moving	1	Clear or Partly Cloudy	Slight/ Grey	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	09:19:00	09:24:00	00:05	62	-70.2176667	62.0006667	-70.2506667	Moving	1	Clear or Partly Cloudy	Slight/ Grey	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	09:25:00	09:31:00	00:06	62.001	-70.2673333	62.0168333	-70.3015	Moving	1	Clear or Partly Cloudy	Slight/ Grey	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	15:10:00	15:17:00	00:07	62.434	-72.9338333	62.4348333	-72.9845	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	15:20:00	15:26:00	00:06	62.4501667	-73.02	62.4508333	-73.0506667	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	15:27:00	15:32:00	00:05	62.4508333	-73.0673333	62.4513333	-73.101	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	15:38:00	15:44:00	00:06	62.467	-73.1505	62.4675	-73.2003333	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	15:45:00	15:50:00	00:05	62.4676667	-73.2013333	62.4681667	-73.2503333	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	15:55:00	16:00:00	00:05	62.4838333	-73.2845	62.4845	-73.3335	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/19/2025	10:05:00	10:15:00	00:10	62.1501667	-82.0348333	62.1341667	-82.1171667	Moving	1	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/19/2025	10:15:00	10:20:00	00:05	62.1341667	-82.1171667	62.1335	-82.151	Moving	1	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/19/2025	10:25:00	10:30:00	00:05	62.118	-82.1848333	62.1175	-82.2338333	Moving	1	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/19/2025	11:03:00	11:08:00	00:05	62.0841667	-82.4846667	62.0835	-82.534	Moving	1	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/19/2025	11:10:00	11:16:00	00:06	62.0833333	-82.5501667	62.0678333	-82.5846667	Moving	1	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/19/2025	11:17:00	11:30:00	00:13	62.0678333	-82.6001667	62.0513333	-72.6846667	Moving	1	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/19/2025	15:09:00	15:14:00	00:05	62.1008333	-84.3171667	62.1013333	-84.3505	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/19/2025	15:15:00	15:20:00	00:05	62.1015	-84.3515	62.1173333	-84.4001667	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	MIENA DESGAGNÉS	7/19/2025	15:22:00	15:27:00	00:05	62.1175	-84.4011667	62.1181667	-84.4348333	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/19/2025	15:29:00	15:34:00	00:05	62.1335	-84.451	62.1341667	-84.4845	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/19/2025	15:35:00	15:40:00	00:05	62.1341667	-84.3336667	62.1348333	-89.5338333	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/19/2025	15:41:00	15:46:00	00:05	62.1501667	-84.5348333	62.1508333	-84.5681667	Moving	20	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/20/2025	10:00:00	10:08:00	00:08	63.7175	-91.7348333	63.7176667	-91.8003333	Moving	1	Medium to Heavy Rain	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/20/2025	10:09:00	10:15:00	00:06	63.7175	-91.8008333	63.7171667	-91.8501667	Moving	1	Medium to Heavy Rain	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/20/2025	10:16:00	10:20:00	00:04	63.5671667	-91.8506667	63.717	-91.9335	Moving	1	Medium to Heavy Rain	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/20/2025	10:25:00	10:30:00	00:05	63.717	-91.9335	63.7173333	-91.8506667	Moving	1	Medium to Heavy Rain	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/20/2025	10:36:00	10:42:00	00:06	63.7166667	-92.0011667	63.717	-92.0511667	Moving	1	Medium to Heavy Rain	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/20/2025	10:43:00	10:48:00	00:05	63.7171667	-92.067	63.7171667	-92.1001667	Moving	1	Medium to Heavy Rain	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/20/2025	13:03:00	13:09:00	00:06	63.8846667	-92.9341667	63.9013333	-92.9515	Moving	10	Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/20/2025	13:10:00	13:15:00	00:05	63.9168333	-92.9681667	63.9015	-93.0166667	Moving	10	Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/20/2025	13:17:00	13:23:00	00:06	63.9011667	-93.034	63.9011667	-93.0836667	Moving	10	Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/20/2025	13:25:00	13:30:00	00:05	63.9015	-93.1005	63.9181667	-93.117	Moving	10	Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/20/2025	13:34:00	13:39:00	00:05	63.9341667	-93.1335	63.9346667	-93.1666667	Moving	10	Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/20/2025	13:44:00	13:50:00	00:06	63.9506667	-93.2015	63.951	-93.251	Moving	10	Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/31/2025	08:17:00	08:22:00	00:05	62.6348333	-87.0515	62.6506667	-87.0173333	Moving	1	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/31/2025	08:23:00	08:30:00	00:07	62.6338333	-87.0013333	62.7166667	-87.4171667	Moving	1	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/31/2025	08:34:00	08:40:00	00:06	62.617	-86.9175	62.6011667	-86.8848333	Moving	1	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/31/2025	08:41:00	08:50:00	00:09	62.6008333	-86.8666667	62.5846667	-86.8005	Moving	1	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/31/2025	08:51:00	08:55:00	00:04	62.5845	-86.7846667	62.5838333	-86.7666667	Moving	1	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/31/2025	09:00:00	09:05:00	00:05	62.718	-86.7178333	62.5673333	-85.684	Moving	1	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/31/2025	15:22:00	15:27:00	00:05	61.9846667	-83.7681667	61.9845	-83.6673333	Moving	20	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/31/2025	15:28:00	15:33:00	00:05	61.9845	-83.6511667	61.9845	-83.6173333	Moving	20	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/31/2025	15:38:00	15:44:00	00:06	61.9843333	-83.568	61.9843333	-83.5181667	Moving	20	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/31/2025	15:45:00	15:50:00	00:05	61.9843333	-83.5015	61.9841667	-83.4675	Moving	20	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/31/2025	15:52:00	15:57:00	00:05	61.9843333	-83.451	61.9841667	-83.4171667	Moving	20	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	7/31/2025	15:59:00	16:04:00	00:05	61.9841667	-83.4	61.984	-83.3508333	Moving	20	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	8/1/2025	10:16:00	10:21:00	00:05	62.5171667	-74.3005			Moving	1	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	1	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	8/1/2025	10:22:00	10:30:00	00:08			62.5171667	-74.1511667	Moving	1	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	1	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	8/1/2025	10:31:00	10:41:00	00:10	62.5171667	-74.1511667	62.517	-74.0508333	Moving	1	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	1	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	8/1/2025	10:42:00	10:47:00	00:05	62.517	-74.0501667	62.5171667	-74.0005	Moving	1	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	1	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	8/1/2025	10:48:00	10:56:00	00:08	62.5171667	-74.0001667	62.5171667	-73.917	Moving	1	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	1	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	8/1/2025	10:57:00	11:06:00	00:09	62.5171667	-73.9015	62.5173333	-73.8173333	Moving	1	Clear or Partly Cloudy	Bright on Observer's Side	Glassy	1	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	8/1/2025	15:19:00	15:24:00	00:05	62.2181667	-71.7013333	62.2175	-71.6678333	Moving	20	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	8/1/2025	15:26:00	15:31:00	00:05	62.2173333	-71.6668333	62.2015	-71.6175	Moving	20	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	8/1/2025	15:34:00	15:39:00	00:05	62.201	-71.6005	62.2003333	-71.368	Moving	20	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	8/1/2025	15:41:00	15:46:00	00:05	62.2001667	-71.5505	62.1843333	-71.5168333	Moving	20	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	8/1/2025	15:47:00	15:52:00	00:05	61.1841667	-71.5003333	62.1835	-71.4668333	Moving	20	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	8/1/2025	15:55:00	16:00:00	00:05	62.168	-71.4348333	62.1673333	-71.4011667	Moving	20	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	08:37:00	08:43:00	00:06	60.617	-63.9168333	60.5848333	-63.8833333	Moving	1	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	08:44:00	08:49:00	00:05	60.5846667	-63.868	60.568	-63.8503333	Moving	1	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	08:55:00	09:02:00	00:07	60.5513333	-63.8175	60.5346667	-63.7845	Moving	1	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	08:16:00	08:22:00	00:06	60.6836667	-64.0178333	60.6666667	-63.9846667	Moving	1	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	08:23:00	08:29:00	00:06	60.6513333	-63.9841667	60.6343333	-63.9506667	Moving	1	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	08:30:00	08:36:00	00:06	60.634	-63.9501667	60.617	-63.9168333	Moving	1	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/31/2025	08:07:00	08:12:00	00:05	63.7173333	-92.1505	63.7181667	-92.1835	Moving	12		None	Rippled	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/31/2025	08:13:00	08:18:00	00:05	63.7498333	-92.1838333	63.7345	-92.2168333	Moving	12		None	Rippled	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/31/2025	08:19:00	08:24:00	00:05	63.7346667	-92.2175	63.7501667	-92.251	Moving	12		None	Rippled	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/31/2025	08:25:00	08:30:00	00:05	63.7501667	-92.2666667	63.7501667	-92.301	Moving	12		None	Rippled	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/31/2025	08:31:00	08:36:00	00:05	63.7501667	-92.3013333	63.7501667	-92.3503333	Moving	12		None	Rippled	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/31/2025	08:37:00	08:42:00	00:05	63.7501667	-92.351	63.7508333	-92.3838333	Moving	12		None	Rippled	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/31/2025	18:00:00	18:05:00	00:05	63.9335	-93.6173333	63.9335	-93.6173333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/31/2025	19:00:00	19:05:00	00:05	63.9335	-93.6173333	63.9335	-93.6173333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/31/2025	20:00:00	20:05:00	00:05	63.9335	-93.6173333	63.9335	-93.6173333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/31/2025	21:00:00	21:05:00	00:05	63.9335	-93.6173333	63.9335	-93.6173333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/31/2025	22:00:00	22:05:00	00:05	63.9335	-93.6173333	63.9335	-93.6173333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/31/2025	23:00:00	23:05:00	00:05	63.9335	-93.6173333	63.9335	-93.6173333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/1/2025	18:00:00	18:05:00	00:05	63.9181667	-93.617	63.9181667	-93.617	Stationary	12	Cloudy	None	Wavelets	0.4	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/1/2025	19:00:00	19:05:00	00:05	63.9181667	-93.617	63.9181667	-93.617	Stationary	12	Cloudy	None	Wavelets	0.4	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/1/2025	20:00:00	20:05:00	00:05	63.9181667	-93.617	63.9181667	-93.617	Stationary	12	Cloudy	None	Wavelets	0.4	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/1/2025	21:00:00	21:05:00	00:05	63.9181667	-93.617	63.9181667	-93.617	Stationary	12	Cloudy	None	Wavelets	0.4	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/1/2025	22:00:00	22:05:00	00:05	63.9181667	-93.617	63.9181667	-93.617	Stationary	12	Cloudy	None	Wavelets	0.4	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/1/2025	23:00:00	23:05:00	00:05	63.9181667	-93.617	63.9181667	-93.617	Stationary	12	Cloudy	None	Wavelets	0.4	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/2/2025	18:00:00	18:05:00	00:05	63.9181667	-93.617	63.9181667	-93.617	Stationary	12	Clear or Partly Cloudy	None	Slight	0.8	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/2/2025	19:00:00	19:05:00	00:05	63.9181667	-93.617	63.9181667	-93.617	Stationary	12	Clear or Partly Cloudy	None	Slight	0.8	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/2/2025	20:00:00	20:05:00	00:05	63.9181667	-93.617	63.9181667	-93.617	Stationary	12	Clear or Partly Cloudy	None	Slight	0.8	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/2/2025	21:00:00	21:05:00	00:05	63.9181667	-93.617	63.9181667	-93.617	Stationary	12	Clear or Partly Cloudy	None	Slight	0.8	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/2/2025	22:00:00	22:05:00	00:05	63.9181667	-93.617	63.9181667	-93.617	Stationary	12	Clear or Partly Cloudy	None	Slight	0.8	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/2/2025	23:00:00	23:05:00	00:05	63.9181667	-93.617	63.9181667	-93.617	Stationary	12	Clear or Partly Cloudy	None	Slight	0.8	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/3/2025	18:00:00	18:05:00	00:05	63.9333333	-93.6168333	63.9333333	-93.6168333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/3/2025	19:00:00	19:05:00	00:05	63.9333333	-93.6168333	63.9333333	-93.6168333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/3/2025	20:00:00	20:05:00	00:05	63.9333333	-93.6168333	63.9333333	-93.6168333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/3/2025	21:00:00	21:05:00	00:05	63.9333333	-93.6168333	63.9333333	-93.6168333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/3/2025	22:00:00	22:05:00	00:05	63.9333333	-93.6168333	63.9333333	-93.6168333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/3/2025	23:00:00	23:05:00	00:05	63.9333333	-93.6168333	63.9333333	-93.6168333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	11:30:00	11:35:00	00:05	63.9513333	-93.2841667	63.9511667	-93.2345	Moving		Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	11:36:00	11:41:00	00:05	63.9511667	-93.2333333	63.9501667	-93.1841667	Moving		Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	11:42:00	11:47:00	00:05	63.95	-93.1833333	63.9341667	-93.1338333	Moving		Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	11:48:00	11:53:00	00:05	63.934	-93.118	63.9173333	-93.1013333	Moving		Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	11:54:00	11:59:00	00:05	63.917	-93.1011667	63.9011667	-93.0675	Moving		Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	12:00:00	12:05:00	00:05	63.9011667	-93.0666667	63.9013333	-93.0173333	Moving		Clear or Partly Cloudy	None	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	16:30:00	16:35:00	00:05	63.5838333	-91.151	63.5836667	-91.1175	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	16:35:00	16:40:00	00:05	63.5836667	-91.1175	63.5681667	-91.0838333	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	16:40:00	16:45:00	00:05	63.5681667	-91.0838333	63.5668333	-91.0668333	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	16:45:00	16:50:00	00:05	63.5668333	-91.0668333	63.5505	-91.0503333	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	16:50:00	16:55:00	00:05	63.5505	-91.0503333	63.5341667	-91.0335	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	16:55:00	17:00:00	00:05	63.5341667	-91.0335	63.518	-91.0175	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	19:15:00	19:20:00	00:05	63.301	-90.5341667	63.3003333	-90.5176667	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	19:21:00	19:26:00	00:05	63.3001667	-90.5175	63.2846667	-90.5011667	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	19:27:00	19:32:00	00:05	63.2846667	-90.5011667	63.2836667	-90.484	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	19:33:00	19:38:00	00:05	63.2835	-90.4838333	63.2678333	-90.4671667	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	19:39:00	19:44:00	00:05	63.2678333	-90.467	63.267	-90.4505	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	19:45:00	19:50:00	00:05	63.2668333	-90.4501667	63.2511667	-90.4338333	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/5/2025	18:00:00	18:05:00	00:05	62.7676667	-92.0838333	62.7676667	-92.0838333	Stationary	0.4	Fog	None	Wavelets	0.6	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/5/2025	19:00:00	19:05:00	00:05	62.7676667	-92.0838333	62.7676667	-92.0838333	Stationary	0.4	Fog	None	Wavelets	0.6	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/5/2025	20:00:00	20:05:00	00:05	62.7676667	-92.0838333	62.7676667	-92.0838333	Stationary	0.4	Fog	None	Wavelets	0.6	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/5/2025	21:00:00	21:05:00	00:05	62.7676667	-92.0838333	62.7676667	-92.0838333	Stationary	0.4	Fog	None	Wavelets	0.6	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/5/2025	22:00:00	22:05:00	00:05	62.7676667	-92.0838333	62.7676667	-92.0838333	Stationary	0.4	Fog	None	Wavelets	0.6	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/5/2025	23:00:00	23:05:00	00:05	62.7676667	-92.0838333	62.7676667	-92.0838333	Stationary	0.4	Fog	None	Wavelets	0.6	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	18:00:00	18:05:00	00:05	62.7673333	-92.0841667	62.7673333	-92.0841667	Stationary	12	Cloudy	None	Wavelets	0.6	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	19:00:00	19:05:00	00:05	62.7673333	-92.0841667	62.7673333	-92.0841667	Stationary	12	Cloudy	None	Wavelets	0.6	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	20:00:00	20:05:00	00:05	62.7673333	-92.0841667	62.7673333	-92.0841667	Stationary	12	Cloudy	None	Wavelets	0.6	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	21:00:00	21:05:00	00:05	62.7673333	-92.0841667	62.7673333	-92.0841667	Stationary	12	Cloudy	None	Wavelets	0.6	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	22:00:00	22:05:00	00:05	62.7673333	-92.0841667	62.7673333	-92.0841667	Stationary	12	Cloudy	None	Wavelets	0.6	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	23:00:00	23:05:00	00:05	62.7673333	-92.0841667	62.7673333	-92.0841667	Stationary	12	Cloudy	None	Wavelets	0.6	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/7/2025	18:00:00	18:05:00	00:05	62.7676667	-92.084	62.7676667	-92.084	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/7/2025	19:00:00	19:05:00	00:05	62.7676667	-92.084	62.7676667	-92.084	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/7/2025	20:00:00	20:05:00	00:05	62.7676667	-92.084	62.7676667	-92.084	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/7/2025	21:00:00	21:05:00	00:05	62.7676667	-92.084	62.7676667	-92.084	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/7/2025	22:00:00	22:05:00	00:05	62.7676667	-92.084	62.7676667	-92.084	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/7/2025	23:00:00	23:05:00	00:05	62.7676667	-92.084	62.7676667	-92.084	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/8/2025	18:00:00	18:05:00	00:05	62.7673333	-92.0841667	62.7673333	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/8/2025	19:00:00	19:05:00	00:05	62.7673333	-92.0841667	62.7673333	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/8/2025	20:00:00	20:05:00	00:05	62.7673333	-92.0841667	62.7673333	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/8/2025	21:00:00	21:05:00	00:05	62.7673333	-92.0841667	62.7673333	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/8/2025	22:00:00	22:05:00	00:05	62.7673333	-92.0841667	62.7673333	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/8/2025	23:00:00	23:05:00	00:05	62.7673333	-92.0841667	62.7673333	-92.0841667	Stationary	12	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	19:10:00	19:15:00	00:05	62.3333333	-88.1501667	62.318	-88.1168333	Moving	12	Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	19:16:00	19:21:00	00:05	62.3178333	-88.101	62.3173333	-88.051	Moving	12	Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	19:22:00	19:27:00	00:05	62.3171667	-88.05	62.3168333	-88.0008333	Moving	12	Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	19:28:00	19:33:00	00:05	62.3166667	-88.0001667	62.3013333	-87.9508333	Moving	12	Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	19:34:00	19:39:00	00:05	62.3011667	-87.95	62.3008333	-87.917	Moving	12	Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	19:40:00	19:45:00	00:05	62.3008333	-87.9011667	62.3003333	-87.867	Moving	12	Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	09:00:00	09:05:00	00:05	62.2336667	-81.7666667	62.25	-81.7333333	Moving	15	Cloudy	None	Rippled	0.5	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	09:06:00	09:11:00	00:05	62.2503333	-81.718	62.2666667	-81.6843333	Moving	15	Cloudy	None	Rippled	0.5	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	09:12:00	09:17:00	00:05	62.267	-81.684	62.2833333	-81.6505	Moving	15	Cloudy	None	Rippled	0.5	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	09:18:00	09:23:00	00:05	62.2836667	-81.65	62.2848333	-81.6171667	Moving	15	Cloudy	None	Rippled	0.5	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	09:24:00	09:29:00	00:05	62.3003333	-81.6013333	62.3015	-81.4015	Moving	15	Cloudy	None	Rippled	0.5	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	09:30:00	09:35:00	00:05	62.3168333	-81.5676667	62.3333333	-81.5341667	Moving	15	Cloudy	None	Rippled	0.5	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	14:30:00	14:35:00	00:05	62.6515	-79.3675	62.6513333	-79.3175	Moving	10	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	14:35:00	14:40:00	00:05	62.6513333	-71.3175	62.6513333	-79.2838333	Moving	10	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	14:40:00	14:45:00	00:05	62.6513333	-79.2838333	62.6513333	-79.2345	Moving	10	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	14:45:00	14:50:00	00:05	62.6513333	-79.2345	62.6513333	-79.2001667	Moving	10	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	14:50:00	14:55:00	00:05	62.6513333	-79.2001667	62.6513333	-79.1668333	Moving	10	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	14:55:00	15:00:00	00:05	62.6513333	-79.1668333	62.6513333	-79.1171667	Moving	10	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	19:09:00	19:14:00	00:05	62.5843333	-76.9843333	62.584	-76.9501667	Moving	12	Cloudy	None	Wavelets	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	19:15:00	19:20:00	00:05	62.584	-76.9343333	62.5836667	-76.9	Moving	12	Cloudy	None	Wavelets	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	19:21:00	19:26:00	00:05	62.5836667	-76.884	62.5833333	-76.8501667	Moving	12	Cloudy	None	Wavelets	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	19:27:00	19:32:00	00:05	62.5833333	-76.8338333	62.568	-76.8003333	Moving	12	Cloudy	None	Wavelets	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	19:33:00	19:38:00	00:05	62.5678333	-76.7835	62.5676667	-76.7345	Moving	12	Cloudy	None	Wavelets	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	19:39:00	19:44:00	00:05	62.5675	-76.7343333	62.5671667	-76.6843333	Moving	12	Cloudy	None	Wavelets	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	09:29:00	09:34:00	00:05	61.5681667	-70.3846667	61.5671667	-70.3513333	Moving	15	Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	09:35:00	09:40:00	00:05	61.567	-70.3508333	61.5506667	-70.317	Moving	15	Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	09:41:00	09:46:00	00:05	61.5505	-70.3168333	61.5343333	-70.2838333	Moving	15	Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	09:47:00	09:52:00	00:05	61.5341667	-70.2833333	61.5181667	-70.2503333	Moving	15	Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	09:53:00	09:58:00	00:05	61.5178333	-70.2345	61.5166667	-70.2015	Moving	15	Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	09:59:00	10:04:00	00:05	61.5013333	-70.201	61.5	-70.1671667	Moving	15	Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025								Moving	15	Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	13:20:00	13:25:00	00:05	61.1336667	-68.8673333	61.1178333	-68.8166667	Moving	8	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	13:25:00	13:30:00	00:05	61.1178333	-68.8166667	61.117	-68.7678333	Moving	8	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	13:30:00	13:35:00	00:05	61.117	-68.7678333	61.1011667	-68.7343333	Moving	8	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	13:35:00	13:40:00	00:05	61.1011667	-68.7343333	61.1001667	-68.7008333	Moving	8	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	13:40:00	13:45:00	00:05	61.1001667	-68.7008333	61.0843333	-68.667	Moving	8	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	13:45:00	13:50:00	00:05	61.0843333	-68.667	61.0835	-68.634	Moving	8	Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	18:30:00	18:35:00	00:05	60.817	-66.8013333	60.8013333	-66.7833333	Moving	0.5	Fog	None	Wavelets	0.2	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	18:36:00	18:41:00	00:05	60.8013333	-66.7678333	60.8006667	-66.7348333	Moving	0.5	Fog	None	Wavelets	0.2	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	18:42:00	18:47:00	00:05	60.8006667	-66.7341667	60.8001667	-66.7013333	Moving	0.5	Fog	None	Wavelets	0.2	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	18:48:00	18:53:00	00:05	60.8	-66.7006667	60.7845	-66.6678333	Moving	0.5	Fog	None	Wavelets	0.2	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	18:54:00	18:59:00	00:05	60.7845	-66.6673333	60.784	-66.6348333	Moving	0.5	Fog	None	Wavelets	0.2	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	19:00:00	19:05:00	00:05	60.7838333	-66.6343333	60.7835	-66.6013333	Moving	0.5	Fog	None	Wavelets	0.2	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	16:30:00	16:35:00	00:05	61.55	-68.1178333	61.5505	-68.1168333	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	16:35:00	16:40:00	00:05	61.5505	-68.1168333	61.551	-68.1348333	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	16:40:00	16:45:00	00:05	61.551	-68.1348333	61.5515	-68.1835	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	16:45:00	16:50:00	00:05	61.5515	-68.1835	61.5668333	-68.2168333	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	16:50:00	16:55:00	00:05	61.5668333	-68.2168333	61.5673333	-68.2503333	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	16:55:00	17:00:00	00:05	61.5678333	-68.2503333	61.5676667	-68.2843333	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Slight	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	19:14:00	19:19:00	00:05	61.7676667	-69.1508333	61.7833333	-69.1843333	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	19:20:00	19:25:00	00:05	61.7833333	-69.1848333	61.7841667	-69.2178333	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	19:26:00	19:31:00	00:05	61.7841667	-69.2335	61.7833333	-69.2668333	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	19:32:00	19:37:00	00:05	61.8003333	-69.2676667	61.801	-69.301	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	19:38:00	19:43:00	00:05	61.8011667	-69.3166667	61.817	-69.35	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	19:44:00	19:49:00	00:05	61.8171667	-69.3508333	61.818	-69.3846667	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	09:00:00	09:05:00	00:05	62.5015	-75.2345	62.5015	-75.268	Moving	8	Medium to Heavy Rain		Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	09:06:00	09:11:00	00:05	62.5015	-75.2835	62.5015	-75.3175	Moving	8	Medium to Heavy Rain		Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	09:12:00	09:17:00	00:05	62.5015	-75.318	62.5015	-75.3515	Moving	8	Medium to Heavy Rain		Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	09:18:00	09:23:00	00:05	62.5015	-75.3671667	62.5015	-75.401	Moving	8	Medium to Heavy Rain		Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	09:24:00	09:29:00	00:05	62.5015	-75.4015	62.5015	-75.4505	Moving	8	Medium to Heavy Rain		Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	09:30:00	09:35:00	00:05	62.5015	-75.4511667	62.5015	-75.4848333	Moving	8	Medium to Heavy Rain		Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	16:30:00	16:35:00	00:05	62.651	-78.6501667	62.6511667	-78.6843333	Moving	8	Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	16:35:00	16:40:00	00:05	62.6511667	-78.6843333	62.6511667	-78.718	Moving	8	Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	16:40:00	16:45:00	00:05	62.6511667	-78.718	62.6511667	-78.7671667	Moving	8	Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	16:45:00	16:50:00	00:05	62.6511667	-78.7671667	62.6513333	-78.801	Moving	8	Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	16:50:00	16:55:00	00:05	62.6513333	-78.801	62.6513333	-78.85	Moving	8	Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	16:55:00	17:00:00	00:05	62.6513333	-78.25	62.6511667	-78.8838333	Moving	8	Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	19:00:00	19:05:00	00:05	62.6673333	-79.818	62.667	-79.8681667	Moving	2	Fog	None	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	19:06:00	19:11:00	00:05	62.6668333	-79.8841667	62.6666667	-79.9181667	Moving	2	Fog	None	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	19:12:00	19:17:00	00:05	62.6666667	-79.934	62.6666667	-79.9681667	Moving	2	Fog	None	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	19:18:00	19:23:00	00:05	62.6666667	-79.984	62.6666667	-80.0333333	Moving	2	Fog	None	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	19:24:00	19:29:00	00:05	62.6666667	-80.0341667	62.6666667	-80.0833333	Moving	2	Fog	None	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	19:30:00	19:35:00	00:05	62.6666667	-80.0838333	62.6666667	-80.1181667	Moving	2	Fog	None	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	11:24:00	11:29:00	00:05	62.4511667	-86.551	62.4668333	-86.5845	Moving	12	Clear or Partly Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	11:30:00	11:35:00	00:05	62.467	-86.5848333	62.4676667	-86.6181667	Moving	12	Clear or Partly Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	11:36:00	11:41:00	00:05	62.4676667	-86.618	62.4833333	-86.6671667	Moving	12	Clear or Partly Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	11:42:00	11:47:00	00:05	62.4836667	-86.6833333	62.4843333	-86.7011667	Moving	12	Clear or Partly Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	11:12:00	11:17:00	00:05	62.4345	-86.4681667	62.4501667	-86.5011667	Moving	12	Clear or Partly Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	11:18:00	11:23:00	00:05	62.4503333	-86.5168333	62.4511667	-86.5506667	Moving	12	Clear or Partly Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	16:30:00	16:35:00	00:05	62.7673333	-88.0845	62.7676667	-88.1013333	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	16:35:00	16:40:00	00:05	62.7676667	-88.1013333	62.7681667	-88.1335	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	16:40:00	16:45:00	00:05	62.7681667	-88.1335	62.7835	-88.1505	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	16:45:00	16:50:00	00:05	62.7835	-88.1505	62.7838333	-88.1668333	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	16:50:00	16:55:00	00:05	62.7838333	-88.1668333	62.7841667	-88.1836667	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	16:55:00	17:00:00	00:05	62.7841667	-88.1836667	62.7845	-88.2005	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	19:16:00	19:21:00	00:05	62.9166667	-88.734	62.917	-88.7506667	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	19:22:00	19:27:00	00:05	62.917	-88.7511667	62.9173333	-88.768	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	19:28:00	19:33:00	00:05	62.9175	-88.7833333	62.9178333	-88.8003333	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	19:34:00	19:39:00	00:05	62.918	-88.8006667	62.9333333	-88.8178333	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	19:40:00	19:45:00	00:05	62.9333333	-88.8181667	62.9338333	-88.85	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	19:46:00	19:51:00	00:05	62.9338333	-88.8503333	62.9341667	-88.8671667	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/9/2025	18:00:00	18:05:00	00:05	62.7675	-92.0843333	62.7675	-92.0843333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/9/2025	19:00:00	19:05:00	00:05	62.7675	-92.0843333	62.7675	-92.0843333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/9/2025	20:00:00	20:05:00	00:05	62.7675	-92.0843333	62.7675	-92.0843333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/9/2025	21:00:00	21:05:00	00:05	62.7675	-92.0843333	62.7675	-92.0843333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/9/2025	22:00:00	22:05:00	00:05	62.7675	-92.0843333	62.7675	-92.0843333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/9/2025	23:00:00	23:05:00	00:05	62.7675	-92.0843333	62.7675	-92.0843333	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	11:00:00	11:05:00	00:05	62.7336667	-92.0336667	62.7506667	-92.0013333	Moving	12	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	11:06:00	11:11:00	00:05		-92.0008333	62.4013333	-91.9673333	Moving	12	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	11:12:00	11:17:00	00:05	62.701	-91.9515	62.7001667	-91.9181667	Moving	12	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	11:18:00	11:23:00	00:05	62.7	-91.9175	62.6841667	-91.884	Moving	12	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	11:24:00	11:29:00	00:05	62.684	-91.8681667	62.6835	-91.8511667	Moving	12	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	11:30:00	11:35:00	00:05	62.668	-91.8341667	62.6671667	-91.8006667	Moving	12	Clear or Partly Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	14:28:00	14:33:00	00:05	62.5508333	-90.4501667	62.5505	-90.4166667	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	14:33:00	14:38:00	00:05	62.5505	-90.4166667	62.55	-90.3515	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	14:38:00	14:43:00	00:05		-90.3515	62.5346667	-90.3178333	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	14:43:00	14:48:00	00:05	62.5346667	-90.3178333	62.5343333	-90.284	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	14:48:00	14:53:00	00:05	62.5341667	-90.284	62.5338333	-90.2346667	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	14:53:00	14:58:00	00:05	62.5338333	-90.2346667	62.3501667	-90.2001667	Moving	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	10:26:00	10:31:00	00:05	61.1013333	-65.6175	61.1168333	-65.6505	Moving	15	Clear or Partly Cloudy	None	Slight	1	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	10:32:00	10:37:00	00:05	61.117	-65.6513333	61.1176667	-65.6846667	Moving	15	Clear or Partly Cloudy	None	Slight	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	10:38:00	10:43:00	00:05	61.1178333	-65.7005	61.1335	-65.7486667	Moving	15	Clear or Partly Cloudy	None	Slight	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	10:44:00	10:49:00	00:05	61.1336667	-65.7343333	61.1341667	-65.7678333	Moving	15	Clear or Partly Cloudy	None	Slight	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	10:50:00	10:55:00	00:05	61.1343333	-65.7841667	61.1348333	-65.8175	Moving	15	Clear or Partly Cloudy	None	Slight	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	10:56:00	11:01:00	00:05	61.15	-65.818	61.1505	-65.8668333	Moving	15	Clear or Partly Cloudy	None	Slight	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/12/2025	16:00:00	16:05:00	00:05	63.9336667	-93.6171667	63.9336667	-93.6171667	Stationary	12	Clear or Partly Cloudy	None	Glassy	0	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/12/2025	19:00:00	19:05:00	00:05	63.9336667	-93.6171667	63.9336667	-93.6171667	Stationary	12	Clear or Partly Cloudy	None	Glassy	0	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/12/2025	20:00:00	20:05:00	00:05	63.9336667	-93.6171667	63.9336667	-93.6171667	Stationary	12	Clear or Partly Cloudy	None	Glassy	0	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/13/2025	18:00:00	18:05:00	00:05	63.9333333	-93.6168333	63.9333333	-93.6168333	Stationary	12	Clear or Partly Cloudy	None	Glassy	0	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/13/2025	21:00:00	21:05:00	00:05	63.9333333	-93.6171667	63.9333333	-93.6171667	Stationary	12	Clear or Partly Cloudy	None	Glassy	0	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/13/2025	22:00:00	22:05:00	00:05	63.9335	-93.6171667	63.9335	-93.6171667	Stationary	12	Clear or Partly Cloudy	None	Glassy	0	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/14/2025	11:30:00	11:35:00	00:05	63.667	-91.5836667	63.6503333	-91.5508333	Moving	0.5	Fog	Slight/ Grey	Rippled	0	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/14/2025	11:45:00	11:50:00	00:05	63.618	-91.5011667	63.6333333	-91.4671667	Moving	0.5	Fog	Slight/ Grey	Rippled	0	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/14/2025	11:50:00	11:55:00	00:05	63.6333333	-91.4671667	63.6333333	-91.4333333	Moving	0.5	Fog	Slight/ Grey	Rippled	0	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/14/2025	13:14:00	13:19:00	00:05	63.5501667	-91.034	63.5345	-91.0333333	Moving	0.2	Fog		Glassy	0	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/14/2025	13:32:00	13:37:00	00:05	63.5175	-91.0015	63.5168333	-91.0005	Moving	0.2	Fog		Glassy	0	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/14/2025	13:38:00	13:43:00	00:05	63.5166667	-91.0001667	63.5011667	-90.9838333	Moving	0.2	Fog		Glassy	0	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/14/2025	19:18:00	19:23:00	00:05	62.9666667	-88.7515	62.9508333	-88.7175	Moving	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/14/2025	19:36:00	19:41:00	00:05	62.9335	-88.6175	62.9175	-88.568	Moving	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/14/2025	19:42:00	19:47:00	00:05	62.9175	-88.5678333	62.9015	-88.5335	Moving	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/15/2025	09:30:00	09:35:00	00:05	62.117	-82.0336667	62.1333333	-82.0005	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/15/2025	09:45:00	09:50:00	00:05	62.151	-81.934	62.1673333	-81.9008333	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/15/2025	13:20:00	13:23:00	00:03	62.6513333	-79.384	62.6513333	-79.3346667	Moving	13	Clear or Partly Cloudy	None	Slight	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/15/2025	13:38:00	13:43:00	00:05	62.6513333	-79.2341667	62.6515	-79.1848333	Moving	13	Clear or Partly Cloudy	None	Slight	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/15/2025	13:44:00	13:49:00	00:05	62.6515	-79.1841667	62.6515	-79.1348333	Moving	13	Clear or Partly Cloudy	None	Slight	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/15/2025	19:18:00	19:23:00	00:05	62.617	-77.3338333	62.6166667	-77.2843333	Moving	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/15/2025	19:36:00	19:41:00	00:05	62.6008333	-77.1676667	62.6003333	-77.1333333	Moving	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/15/2025	19:42:00	19:47:00	00:05	62.6003333	-77.1173333	62.6	-77.0833333	Moving	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/16/2025	11:15:00	11:20:00	00:05	61.2678333	-69.5515	61.2515	-69.5173333	Moving	8	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/16/2025	11:33:00	11:38:00	00:05	61.218	-69.4175	61.2171667	-69.3843333	Moving	8	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/16/2025	11:39:00	11:44:00	00:05	61.217	-69.3835	61.2011667	-69.3336667	Moving	8	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/16/2025	13:40:00	13:45:00	00:05	61.0666667	-68.3848333	61.0511667	-68.3515	Moving	2	Fog	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/16/2025	13:59:00	14:04:00	00:05	61.0345	-68.2505	61.0338333	-68.2166667	Moving	2	Fog	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/16/2025	14:05:00	14:10:00	00:05	61.0338333	-68.2008333	61.0015	-68.1668333	Moving	2	Fog	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/16/2025	19:07:00	19:13:00	00:06	60.6681667	-65.8333333	60.6675	-65.7841667	Moving	12	Fog	None	Wavelets	0.8	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/16/2025	19:26:00	19:31:00	00:05	60.6506667	-65.6835	60.6501667	-65.6501667	Moving	12	Fog	None	Wavelets	0.8	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/16/2025	19:32:00	19:37:00	00:05	60.65	-65.6343333	60.6343333	-65.6005	Moving	12	Fog	None	Wavelets	0.8	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	10:55:00	11:00:00	00:05	60.5345	-64.9503333	60.5348333	-65.0003333	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Moderate	1.5	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	11:10:00	11:15:00	00:05	60.5503333	-65.068	60.5508333	-65.1015	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Moderate	1.5	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	11:15:00	11:20:00	00:05	60.5508333	-65.1015	60.5511667	-65.15	Moving	10	Clear or Partly Cloudy	Bright on Observer's Side	Moderate	1.5	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	16:00:00	16:05:00	00:05	63.9333333	-93.6175	63.9333333	-93.6175	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	19:00:00	19:05:00	00:05	63.9333333	-93.6175	63.9333333	-93.6175	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	20:00:00	20:05:00	00:05	63.9333333	-93.6175	63.9333333	-93.6175	Stationary	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	14:55:00	15:00:00	00:05	60.8	-66.618	60.8006667	-66.6515	Moving	15	Clear or Partly Cloudy		Slight	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	15:13:00	15:18:00	00:05	61.0001667	-66.7505	60.8173333	-66.784	Moving	15	Clear or Partly Cloudy		Slight	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	15:19:00	15:24:00	00:05	60.8173333	-66.7846667	60.8178333	-66.8181667	Moving	15	Clear or Partly Cloudy		Slight	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	17:48:00	17:53:00	00:05	60.9676667	-67.8346667	60.9681667	-67.8681667	Moving	12	Clear or Partly Cloudy	None	Slight	1.2	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	18:06:00	18:11:00	00:05	60.9845	-67.967	61.0003333	-68.0008333	Moving	12	Clear or Partly Cloudy	None	Slight	1.2	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	18:12:00	18:17:00	00:05	61.0003333	-68.0015	61.0008333	-68.0513333	Moving	12	Clear or Partly Cloudy	None	Slight	1.2	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/4/2025	10:00:00	10:05:00	00:05	62.5015	-74.3511667	62.5015	-74.4175	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/4/2025	10:15:00	10:20:00	00:05	62.5013333	-74.518	62.5015	-74.5671667	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/4/2025	10:20:00	10:25:00	00:05	62.5015	-74.5671667	62.5015	-74.6008333	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/4/2025	15:15:00	15:20:00	00:05	62.5515	-77.0673333	62.6001667	-77.101	Moving	20	Clear or Partly Cloudy	None	Rippled	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/4/2025	15:33:00	19:38:00	04:05	62.601	-77.2013333	62.6015	-77.2506667	Moving	20	Clear or Partly Cloudy	None	Rippled	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/4/2025	19:39:00	19:44:00	00:05	62.6015	-77.2515	62.6168333	-77.3005	Moving	20	Clear or Partly Cloudy	None	Rippled	0.5	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/4/2025	19:20:00	19:25:00	00:05	62.6668333	-79.0345	62.6668333	-79.0838333	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/4/2025	19:38:00	19:43:00	00:05	62.6666667	-79.1846667	62.6515	-79.2341667	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/4/2025	19:44:00	19:49:00	00:05	62.6515	-79.2348333	62.6515	-79.2843333	Moving	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/5/2025	11:00:00	11:05:00	00:05	62.1343333	-86.267	62.1346667	-86.3011667	Moving	12	Clear or Partly Cloudy		Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/5/2025	11:15:00	11:20:00	00:05	62.1505	-86.3846667	62.1508333	-86.434	Moving	12	Clear or Partly Cloudy		Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/5/2025	11:20:00	11:25:00	00:05	62.1508333	-86.434	62.1345	-86.468	Moving	12	Clear or Partly Cloudy		Wavelets	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/5/2025	13:00:00	13:05:00	00:05	62.2345	-87.2676667	62.2348333	-87.3166667	Moving	15	Clear or Partly Cloudy		Wavelets	0.5	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/5/2025	13:18:00	13:23:00	00:05	62.251	-87.4176667	62.2513333	-87.4668333	Moving	15	Clear or Partly Cloudy		Wavelets	0.5	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/5/2025	13:24:00	13:29:00	00:05	62.2515	-87.4676667	62.2668333	-87.5015	Moving	15	Clear or Partly Cloudy		Wavelets	0.5	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/5/2025	16:18:00	16:23:00	00:05	62.4006667	-88.9333333	62.401	-85.9675	Moving	12	Cloudy	Slight/ Grey	Slight	1	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/5/2025	16:36:00	16:41:00	00:05	62.4173333	-89.0835	62.4175	-89.1181667	Moving	12	Cloudy	Slight/ Grey	Slight	1	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/5/2025	16:42:00	16:47:00	00:05	62.4176667	-89.1335	62.4181667	-89.1676667	Moving	12	Cloudy	Slight/ Grey	Slight	1	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/6/2025	16:00:00	16:05:00	00:05	62.7675	-92.0845	62.7675	-92.0845	Stationary	12		None	Wavelets	0.8	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/6/2025	19:00:00	19:05:00	00:05	62.7675	-92.0845	62.7675	-92.1511667	Stationary	12		None	Wavelets	0.8	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/6/2025	20:00:00	20:05:00	00:05	62.7675	-92.0845	62.7675	-92.0845	Stationary	12		None	Wavelets	0.8	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/7/2025	01:00:00	01:05:00	00:05	62.7675	-92.0845	62.7675	-92.0845	Stationary	12	Cloudy	None	Rippled	0.3	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/7/2025	04:00:00	04:05:00	00:05	62.7675	-92.0845	62.7675	-92.0845	Stationary	12	Cloudy	None	Rippled	0.3	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/7/2025	05:00:00	05:05:00	00:05	62.7675	-92.0845	62.7675	-92.0845	Stationary	12	Cloudy	None	Rippled	0.3	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/7/2025	19:15:00	19:20:00	00:05	62.9175	-90.3336667	62.9341667	-90.3333333	Moving	12	Cloudy	None	Slight	1.3	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/7/2025	19:33:00	19:38:00	00:05	62.9838333	-90.3335	63.0003333	-90.3335	Moving	12	Cloudy	None	Slight	1.3	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/7/2025	19:39:00	19:44:00	00:05	63.0006667	-90.3335	63.0176667	-90.3335	Moving	12	Cloudy	None	Slight	1.3	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/8/2025	15:53:00	15:59:00	00:06	63.7508333	-92.0506667	63.7176667	-92.101	Moving	12	Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/8/2025	16:13:00	16:18:00	00:05	63.7673333	-92.1848333	63.7835	-92.2178333	Moving	12	Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/8/2025	16:19:00	16:24:00	00:05	63.7836667	-92.2181667	63.7841667	-92.2666667	Moving	12	Cloudy	Slight/ Grey	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/8/2025	00:00:00	00:05:00	00:05	63.5015	-91.068	63.5015	-91.068	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/8/2025	03:00:00	03:05:00	00:05	63.5015	-91.068	63.5015	-91.068	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/8/2025	04:05:00	04:05:00	00:00	63.5015	-91.068	63.5015	-91.068	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/9/2025	16:00:00	16:05:00	00:05	63.9335	-93.6171667	63.9335	-93.6171667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/9/2025	19:00:00	19:05:00	00:05	63.9335	-93.6171667	63.9335	-93.6171667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/9/2025	20:00:00	20:05:00	00:05	63.9335	-93.6171667	63.9335	-93.6171667	Stationary	12	Clear or Partly Cloudy	None	Rippled	0.3	Calm
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/10/2025	16:00:00	16:05:00	00:05	63.9336667	-93.6175	63.9336667	-93.6175	Stationary	10	Medium to Heavy Rain	None	Slight	0.6	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/10/2025	19:00:00	19:05:00	00:05	63.9336667	-93.6175	63.9336667	-93.6175	Stationary	10	Medium to Heavy Rain	None	Slight	0.6	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/10/2025	20:00:00	20:05:00	00:05	63.9336667	-93.6175	63.9336667	-93.6175	Stationary	10	Medium to Heavy Rain	None	Slight	0.6	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/21/2025	09:20:00	09:25:00	00:05	62.1168333	-84.717	62.1093333	-84.8513333	Moving	18	Clear or Partly Cloudy		Wavelets	0.7	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/21/2025	09:27:00	09:33:00	00:06	62.1008333	-84.8508333	62.0848333	-84.8011667	Moving	18	Clear or Partly Cloudy		Wavelets	0.7	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/21/2025	09:34:00	09:39:00	00:05	62.0846667	-84.8006667	62.0838333	-84.7668333	Moving	18	Clear or Partly Cloudy		Wavelets	0.7	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/21/2025	09:40:00	09:45:00	00:05	62.0833333	-84.7345	62.0678333	-84.7166667	Moving	18	Clear or Partly Cloudy		Wavelets	0.7	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/21/2025	09:46:00	09:51:00	00:05	62.0675	-84.7011667	62.0666667	-84.6675	Moving	18	Clear or Partly Cloudy		Wavelets	0.7	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/21/2025	09:52:00	09:57:00	00:05	62.0511667	-84.6666667	62.0505	-84.4513333	Moving	18	Clear or Partly Cloudy		Wavelets	0.7	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/21/2025	18:08:00	18:13:00	00:05	62.5001667	-81.1503333	62.5166667	-81.117	Moving	12	Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/21/2025	18:19:00	18:19:00	00:00	62.5168333	-81.1013333	62.5181667	-81.0833333	Moving	12	Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/21/2025	18:20:00	18:25:00	00:05	62.5335	-81.0676667	62.5501667	-81.0335	Moving	12	Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/21/2025	18:26:00	18:31:00	00:05	62.5505	-81.0333333	62.5666667	-81.0001667	Moving	12	Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/21/2025	18:32:00	18:37:00	00:05	62.5668333	-81	62.5835	-80.9508333	Moving	12	Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/21/2025	18:38:00	18:43:00	00:05	62.5836667	-80.9506667	62.6	-80.9173333	Moving	12	Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/22/2025	06:30:00	06:35:00	00:05	62.5166667	-74.618	62.5166667	-74.5675	Moving	10	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/22/2025	06:35:00	06:40:00	00:05	62.5166667	-74.5675	62.5166667	-74.5336667	Moving	10	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/22/2025	06:41:00	06:46:00	00:05	62.5166667	-74.3511667	62.5166667	-74.4681667	Moving	10	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/22/2025	06:47:00	06:52:00	00:05	62.5015	-74.4671667	62.5015	-74.4175	Moving	10	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/22/2025	06:53:00	06:58:00	00:05	62.5015	-74.4681667	62.5015	-74.3678333	Moving	10	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/22/2025	06:59:00	07:04:00	00:05	62.5015	-74.3668333	62.5013333	-74.317	Moving	10	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/22/2025	16:00:00	16:05:00	00:05	61.5346667	-70.3003333	61.5168333	-70.2668333	Moving	3	Fog		Wavelets	0.7	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/22/2025	16:06:00	16:11:00	00:05	61.5333333	-70.2515	61.517	-70.2178333	Moving	3	Fog		Wavelets	0.7	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/22/2025	16:12:00	16:17:00	00:05	61.517	-70.2173333	61.5006667	-70.184	Moving	3	Fog		Wavelets	0.7	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/22/2025	16:18:00	16:23:00	00:05	61.5005	-70.1833333	61.4843333	-70.1348333	Moving	3	Fog		Wavelets	0.7	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/22/2025	16:24:00	16:29:00	00:05	61.484	-70.1341667	61.4673333	-70.0843333	Moving	3	Fog		Wavelets	0.7	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/22/2025	16:30:00	16:35:00	00:05	61.4673333	-70.0843333	61.4511667	-70.0508333	Moving	3	Fog		Wavelets	0.7	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/22/2025	06:30:00	06:35:00	00:05	60.3503333	-63.9336667	60.3343333	-63.9008333	Moving	0.5	Fog		Moderate	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/22/2025	06:36:00	06:41:00	00:05	60.334	-63.9003333	60.318	-63.8676667	Moving	0.5	Fog		Moderate	1	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/22/2025	06:42:00	06:47:00	00:05	60.3176667	-63.8838333	60.3166667	-63.8343333	Moving	0.5	Fog		Moderate	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/22/2025	06:48:00	06:53:00	00:05	60.3015	-63.8338333	60.3005	-63.801	Moving	0.5	Fog		Moderate	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/22/2025	06:54:00	06:59:00	00:05	60.3005	-63.8005	60.2846667	-63.7833333	Moving	0.5	Fog		Moderate	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/22/2025	07:00:00	07:05:00	00:05	60.2843333	-63.7678333	60.2833333	-63.7501667	Moving	0.5	Fog		Moderate	1	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/5/2025	11:00:00	11:05:00	00:05	61.1505	-68.9841667	61.151	-69.0178333	Moving	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/5/2025	11:06:00	11:11:00	00:05	61.1511667	-69.0336667	61.1666667	-69.0673333	Moving	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/5/2025	11:12:00	11:17:00	00:05	61.1668333	-69.068	61.1673333	-69.1166667	Moving	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/5/2025	11:18:00	11:23:00	00:05	61.1675	-69.1175	61.168	-69.151	Moving	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/5/2025	11:24:00	11:29:00	00:05	61.1681667	-69.1668333	61.1836667	-69.2003333	Moving	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/5/2025	11:30:00	11:35:00	00:05	61.1836667	-69.2011667	61.1841667	-69.2345	Moving	12	Cloudy	None	Rippled	0.3	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/5/2025	15:20:00	15:25:00	00:05	61.6345	-70.368	61.4841667	-70.6001667	Moving	10	Cloudy	Slight/ Grey	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/5/2025	15:45:00	15:50:00	00:05	61.6848333	-70.6666667	61.7008333	-70.7333333	Moving	10	Cloudy	Slight/ Grey	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/5/2025	20:00:00	20:05:00	00:05	62.1846667	-72.0846667	62.2005	-72.1171667	Moving	15	Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/5/2025	20:06:00	20:11:00	00:05	62.2005	-72.1173333	62.2013333	-72.1348333	Moving	15	Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/5/2025	20:12:00	20:17:00	00:05	62.2015	-72.1503333	62.2173333	-72.1678333	Moving	15	Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/5/2025	20:18:00	20:23:00	00:05	62.2168333	-72.2008333	62.2345	-72.2171667	Moving	15	Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/5/2025	20:24:00	20:29:00	00:05	62.2346667	-72.2173333	62.25	-72.2501667	Moving	15	Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/5/2025	20:34:00	20:39:00	00:05	62.2503333	-72.2511667	62.2511667	-72.2838333	Moving	15	Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/6/2025	19:50:00	19:55:00	00:05	62.1846667	-75.7345	62.1846667	-75.7345	Stationary	10	Cloudy	None	Wavelets	0.7	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/6/2025	20:40:00	20:45:00	00:05	62.1846667	-75.7345	62.1846667	-75.7345	Stationary	10	Cloudy	None	Wavelets	0.7	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/6/2025	21:30:00	21:35:00	00:05	62.1846667	-75.7346667	62.1846667	-75.7345	Stationary	10	Cloudy	None	Wavelets	0.7	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/6/2025	22:20:00	22:25:00	00:05	62.1846667	-75.7345	62.1846667	-75.7345	Stationary	10	Cloudy	None	Wavelets	0.7	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/6/2025	23:05:00	23:10:00	00:05	62.1846667	-75.7345	62.1846667	-75.7345	Stationary	10	Cloudy	None	Wavelets	0.7	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/6/2025	23:50:00	23:55:00	00:05	62.1846667	-75.7345	62.1846667	-75.7345	Stationary	10	Cloudy	None	Wavelets	0.7	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	08:00:00	08:05:00	00:05	62.1846667	-75.7345	62.1846667	-75.7345	Stationary	12	Snow	None	Wavelets	0.8	Gale Force Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	08:40:00	08:45:00	00:05	62.1846667	-75.7345	62.1846667	-75.7345	Stationary	12	Snow	None	Wavelets	0.8	Gale Force Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	09:30:00	09:35:00	00:05	62.1846667	-75.7345	62.1846667	-75.7345	Stationary	12	Snow	None	Wavelets	0.8	Gale Force Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	10:15:00	10:20:00	00:05	62.1846667	-75.7345	62.1846667	-75.7345	Stationary	12	Snow	None	Wavelets	0.8	Gale Force Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	10:55:00	11:00:00	00:05	62.1846667	-75.7345	62.1846667	-75.7345	Stationary	12	Snow	None	Wavelets	0.8	Gale Force Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	11:45:00	11:50:00	00:05	62.1846667	-75.7345	62.1846667	-75.7345	Stationary	12	Snow	None	Wavelets	0.8	Gale Force Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	14:15:00	14:20:00	00:05	62.4176667	-75.7675	62.4338333	-75.8005	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Rough	2.5	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	14:20:00	14:25:00	00:05	62.4338333	-75.8005	62.45	-75.8335	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Rough	2.5	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	14:25:00	14:30:00	00:05	62.45	-75.8335	62.4506667	-75.8503333	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Rough	2.5	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	14:30:00	14:35:00	00:05	62.4506667	-75.8503333	62.4515	-75.8678333	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Rough	2.5	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	14:35:00	14:40:00	00:05	62.4515	-75.8678333	62.4673333	-75.9	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Rough	2.5	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	14:40:00	14:45:00	00:05	62.4673333	-75.9	62.4833333	-75.9178333	Moving	12	Clear or Partly Cloudy	Bright on Observer's Side	Rough	2.5	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	22:00:00	22:05:00	00:05	62.6666667	-78.601	62.6666667	-78.5666667	Moving	15	Cloudy	Slight/ Grey	Slight	2	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	22:06:00	22:11:00	00:05	62.6666667	-78.6508333	62.6666667	-78.6848333	Moving	15	Cloudy	Slight/ Grey	Slight	2	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	22:12:00	22:17:00	00:05	62.6666667	-78.7006667	62.6666667	-78.7346667	Moving	15	Cloudy	Slight/ Grey	Slight	2	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	22:18:00	22:23:00	00:05	62.6668333	-78.7505	62.6668333	-78.7846667	Moving	15	Cloudy	Slight/ Grey	Slight	2	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	22:24:00	22:29:00	00:05	62.6668333	-78.8005	62.6668333	-78.834	Moving	15	Cloudy	Slight/ Grey	Slight	2	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	22:30:00	22:35:00	00:05	62.6668333	-78.8348333	62.6668333	-78.8841667	Moving	15	Cloudy	Slight/ Grey	Slight	2	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/8/2025	10:45:00	10:50:00	00:05	61.9336667	-84.0838333	61.9343333	-84.1176667	Moving		Clear or Partly Cloudy		Slight		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/8/2025	10:51:00	10:56:00	00:05	61.9345	-84.1181667	61.9501667	-84.1513333	Moving		Clear or Partly Cloudy		Slight		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/8/2025	10:57:00	11:03:00	00:06	61.9503333	-84.167	61.9513333	-84.2013333	Moving		Clear or Partly Cloudy		Slight		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/8/2025	11:04:00	11:09:00	00:05	61.9515	-84.2168333	61.9671667	-84.25	Moving		Clear or Partly Cloudy		Slight		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/8/2025	11:10:00	11:15:00	00:05	61.9675	-84.2668333	61.9681667	-84.2843333	Moving		Clear or Partly Cloudy		Slight		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/8/2025	11:16:00	11:21:00	00:05	61.9681667	-84.2848333	61.9843333	-84.3343333	Moving		Clear or Partly Cloudy		Slight		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/8/2025	16:15:00	16:20:00	00:05	62.4511667	-86.467	62.4671667	-86.5008333	Moving	12	Clear or Partly Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/8/2025	16:20:00	16:25:00	00:05	62.4671667	-86.5008333	62.4678333	-86.5345	Moving	12	Clear or Partly Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/8/2025	16:25:00	16:30:00	00:05	62.4678333	-86.5345	62.4838333	-86.5681667	Moving	12	Clear or Partly Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/8/2025	16:30:00	16:35:00	00:05	62.4838333	-86.5681667	62.4845	-86.6015	Moving	12	Clear or Partly Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/8/2025	16:35:00	16:40:00	00:05	62.4845	-86.6015	62.5001667	-86.4835	Moving	12	Clear or Partly Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/8/2025	16:40:00	16:45:00	00:05	62.5001667	-86.6501667	62.501	-86.6838333	Moving	12	Clear or Partly Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/8/2025	20:10:00	20:15:00	00:05	62.8003333	-88.0333333	62.8011667	-88.0515	Moving	12	Clear or Partly Cloudy	None	Moderate	1.5	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/8/2025	20:16:00	20:21:00	00:05	62.8011667	-88.0671667	62.8168333	-88.1001667	Moving	12	Clear or Partly Cloudy	None	Moderate	1.5	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/8/2025	20:22:00	20:27:00	00:05	62.817	-88.1008333	62.7343333	-88.1338333	Moving	12	Clear or Partly Cloudy	None	Moderate	1.5	Strong Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/8/2025	20:28:00	20:33:00	00:05	62.8178333	-88.1345	62.8335	-88.1676667	Moving	12	Clear or Partly Cloudy	None	Moderate	1.5	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/8/2025	20:34:00	20:39:00	00:05	62.8336667	-88.1833333	62.8341667	-88.2013333	Moving	12	Clear or Partly Cloudy	None	Moderate	1.5	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/8/2025	20:40:00	20:45:00	00:05	62.8343333	-88.217	62.8348333	-88.2501667	Moving	12	Clear or Partly Cloudy	None	Moderate	1.5	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/9/2025	14:30:00	14:35:00	00:05	63.6005	-91.2848333	63.6013333	-91.318	Moving	10	Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/9/2025	14:36:00	14:40:00	00:04	63.4346667	-91.3181667	63.617	-91.3513333	Moving	10	Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/9/2025	14:42:00	14:47:00	00:05	63.617	-91.3666667	63.6176667	-91.4	Moving	10	Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/9/2025	14:48:00	14:53:00	00:05	63.6178333	-91.4005	63.6336667	-91.4333333	Moving	10	Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/9/2025	14:54:00	14:59:00	00:05	63.6336667	-91.4336667	63.6333333	-91.467	Moving	10	Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/9/2025	15:00:00	15:05:00	00:05	63.6333333	-91.4673333	63.6181667	-91.501	Moving	10	Cloudy	Bright on Observer's Side	Rippled	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/9/2025	08:00:00	08:05:00	00:05	63.5015	-91.0833333	63.5015	-91.0833333	Stationary	10	Cloudy	None	Wavelets	0.7	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/9/2025	08:50:00	08:55:00	00:05	63.5015	-91.0833333	63.5015	-91.0833333	Stationary	10	Cloudy	None	Wavelets	0.7	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/9/2025	09:40:00	09:45:00	00:05	63.5015	-92.0833333	63.5015	-91.0833333	Stationary	10	Cloudy	None	Wavelets	0.7	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/9/2025	10:30:00	10:35:00	00:05	63.5015	-92.0833333	63.5015	-92.0833333	Stationary	10	Cloudy	None	Wavelets	0.7	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/9/2025	11:20:00	11:25:00	00:05	63.5015	-91.0833333	63.5015	-92.0833333	Stationary	10	Cloudy	None	Wavelets	0.7	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/9/2025	12:10:00	12:15:00	00:05	63.5015	-91.0833333	63.5015	-91.0833333	Stationary	10	Cloudy	None	Wavelets	0.7	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/10/2025	02:00:00	02:05:00	00:05	63.9348333	-93.5681667	63.9348333	-93.5681667	Stationary	10	Cloudy		Slight	1	Gale Force Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/10/2025	03:00:00	03:05:00	00:05	63.9348333	-93.5681667	63.9348333	-93.5681667	Stationary	10	Cloudy		Slight	1	Gale Force Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/10/2025	04:00:00	04:05:00	00:05	63.9348333	-93.5681667	63.9348333	-93.5681667	Stationary	10	Cloudy		Slight	1	Gale Force Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/10/2025	05:00:00	05:05:00	00:05	63.9348333	-93.5681667	63.9348333	-93.5681667	Stationary	10	Cloudy		Slight	1	Gale Force Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/10/2025	06:00:00	06:05:00	00:05	63.9348333	-93.5681667	63.9348333	-93.5681667	Stationary	10	Cloudy		Slight	1	Gale Force Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/10/2025	07:00:00	07:05:00	00:05	63.9348333	-93.5681667	63.9348333	-93.5681667	Stationary	10	Cloudy		Slight	1	Gale Force Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/11/2025	17:30:00	17:35:00	00:05	63.9501667	-93.5843333	63.9501667	-93.5843333	Stationary	5	Cloudy	None	Wavelets		Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/11/2025	18:35:00	18:40:00	00:05	63.9501667	-93.5843333	63.9501667	-93.5843333	Stationary	5	Cloudy	None	Wavelets		Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/11/2025	19:40:00	19:45:00	00:05	63.9501667	-93.5843333	63.9501667	-93.5843333	Stationary	5	Cloudy	None	Wavelets		Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/11/2025	20:40:00	20:45:00	00:05	63.9501667	-93.5845	63.9501667	-93.5845	Stationary	5	Cloudy	None	Wavelets		Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/11/2025	21:40:00	21:45:00	00:05	63.9501667	-93.5845	63.9501667	-93.5845	Stationary	5	Cloudy	None	Wavelets		Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/11/2025	22:40:00	22:45:00	00:05	63.9501667	-93.5845	63.9501667	-93.5845	Stationary	5	Cloudy	None	Wavelets		Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/12/2025	00:00:00	00:05:00	00:05	63.9501667	-93.584	63.9501667	-93.584	Stationary	13	Cloudy		Wavelets	0.5	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/12/2025	00:10:00	00:15:00	00:05	63.9501667	-93.584	63.9501667	-93.584	Stationary	13	Cloudy		Wavelets	0.5	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/12/2025	00:20:00	02:25:00	02:05	63.9501667	-93.584	63.9501667	-93.584	Stationary	13	Cloudy		Wavelets	0.5	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/12/2025	03:00:00	03:05:00	00:05	63.9503333	-93.584	63.9501667	-93.584	Stationary	13	Cloudy		Wavelets	0.5	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/12/2025	04:00:00	04:05:00	00:05	63.9501667	-93.584	63.9501667	-93.584	Stationary	13	Cloudy		Wavelets	0.5	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/12/2025	05:00:00	05:05:00	00:05	63.9501667	-93.584	63.9501667	-93.584	Stationary	13	Cloudy		Wavelets	0.5	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/13/2025	00:00:00	00:05:00	00:05	63.95	-93.5833333	63.9501667	-93.5833333	Stationary	15	Clear or Partly Cloudy	None	Slight	1	Gale Force Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/13/2025	01:00:00	01:05:00	00:05	63.9501667	-93.5833333	63.9501667	-93.5833333	Stationary	15	Clear or Partly Cloudy	None	Slight	1	Gale Force Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/13/2025	02:00:00	02:05:00	00:05	63.9501667	-93.5833333	63.9501667	-93.5833333	Stationary	15	Clear or Partly Cloudy	None	Slight	1	Gale Force Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/13/2025	03:00:00	03:05:00	00:05	63.9501667	-93.5833333	63.9501667	-93.5833333	Stationary	15	Clear or Partly Cloudy	None	Slight	1	Gale Force Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/13/2025	04:00:00	04:05:00	00:05	63.9501667	-93.5833333	63.9501667	-93.5833333	Stationary	15	Clear or Partly Cloudy	None	Slight	1	Gale Force Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/13/2025	05:00:00	05:05:00	00:05	63.9501667	-93.5833333	63.9501667	-93.5833333	Stationary	15	Clear or Partly Cloudy	None	Slight	1	Gale Force Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/14/2025	00:00:00	00:05:00	00:05	63.9501667	-93.5836667	63.9501667	-93.5836667	Stationary	12	Clear or Partly Cloudy	None	Wavelets		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/14/2025	01:00:00	01:05:00	00:05	63.9501667	-93.5836667	63.9501667	-93.5836667	Stationary	12	Clear or Partly Cloudy	None	Wavelets		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/14/2025	02:00:00	02:05:00	00:05	63.9501667	-93.5836667	63.9501667	-93.5836667	Stationary	12	Clear or Partly Cloudy	None	Wavelets		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/14/2025	03:00:00	03:05:00	00:05	63.9501667	-93.5836667	63.9501667	-93.5836667	Stationary	12	Clear or Partly Cloudy	None	Wavelets		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/14/2025	04:00:00	04:05:00	00:05	63.9501667	-93.5836667	63.9501667	-93.5836667	Stationary	12	Clear or Partly Cloudy	None	Wavelets		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/14/2025	05:00:00	05:05:00	00:05	63.9501667	-93.5836667	63.9501667	-93.5836667	Stationary	12	Clear or Partly Cloudy	None	Wavelets		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/15/2025	00:00:00	00:05:00	00:05	63.9346667	-93.5841667	63.9346667	-93.5841667	Stationary	12	Cloudy	None	Rippled		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/15/2025	01:05:00	01:10:00	00:05	63.9346667	-93.5841667	63.9346667	-93.5841667	Stationary	12	Cloudy	None	Rippled		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/15/2025	02:00:00	02:05:00	00:05	63.9346667	-93.5841667	63.9346667	-93.5841667	Stationary	12	Cloudy	None	Rippled		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/15/2025	03:00:00	03:05:00	00:05	63.9346667	-93.5841667	63.9346667	-93.5841667	Stationary	12	Cloudy	None	Rippled		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/15/2025	04:00:00	04:05:00	00:05	63.9346667	-93.5841667	63.9346667	-93.5841667	Stationary	12	Cloudy	None	Rippled		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/15/2025	05:00:00	05:05:00	00:05	63.9346667	-93.5841667	63.9346667	-93.5841667	Stationary	12	Cloudy	None	Rippled		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/16/2025	00:00:00	00:05:00	00:05	63.95	-93.5833333	63.9346667	-93.5833333	Stationary	20	Cloudy	None	Wavelets		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/16/2025	01:00:00	01:05:00	00:05	63.9346667	-93.5833333	63.9346667	-93.5833333	Stationary	20	Cloudy	None	Wavelets		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/16/2025	02:00:00	02:05:00	00:05	63.9346667	-93.5833333	63.9346667	-93.5833333	Stationary	20	Cloudy	None	Wavelets		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/16/2025	03:00:00	03:05:00	00:05	63.9346667	-93.5833333	63.9346667	-93.5833333	Stationary	20	Cloudy	None	Wavelets		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/16/2025	04:00:00	04:05:00	00:05	63.9346667	-93.5833333	63.9346667	-93.5833333	Stationary	20	Cloudy	None	Wavelets		Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/16/2025	05:00:00	05:05:00	00:05	63.9346667	-93.5833333	63.9346667	-93.5833333	Stationary	20	Cloudy	None	Wavelets		Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/17/2025	00:00:00	00:05:00	00:05	63.95	-93.584	63.95	-93.584	Stationary	12	Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/17/2025	01:00:00	01:05:00	00:05	63.95	-93.584	63.95	-93.584	Stationary	12	Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/17/2025	02:00:00	02:02:00	00:02	63.95	-93.584	63.95	-93.584	Stationary	12	Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/17/2025	03:00:00	03:05:00	00:05	63.95	-93.584	63.95	-93.584	Stationary	12	Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/17/2025	04:00:00	04:05:00	00:05	63.95	-93.584	63.95	-93.584	Stationary	12	Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/17/2025	05:00:00	05:05:00	00:05	63.95	-93.584	63.95	-93.584	Stationary	12	Cloudy	None	Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/18/2025	00:00:00	00:05:00	00:05	63.9348333	-93.5833333	63.9348333	-93.5833333	Stationary	10	Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/18/2025	01:00:00	01:05:00	00:05	63.9348333	-93.5833333	63.9348333	-93.5833333	Stationary	10	Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/18/2025	02:00:00	02:05:00	00:05	63.9348333	-93.5833333	63.9348333	-93.5833333	Stationary	10	Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/18/2025	03:00:00	03:05:00	00:05	63.9348333	-93.5833333	63.9348333	-93.5833333	Stationary	10	Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/18/2025	04:00:00	04:05:00	00:05	63.9348333	-93.5833333	63.9348333	-93.5833333	Stationary	10	Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/18/2025	05:00:00	05:05:00	00:05	63.9348333	-93.5833333	63.9348333	-93.5833333	Stationary	10	Cloudy		Wavelets	0.5	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/19/2025	00:00:00	00:05:00	00:05	63.9333333	-93.5835	63.9348333	-93.5835	Stationary	15	Cloudy	None	Wavelets	0.6	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/19/2025	01:00:00	01:05:00	00:05	63.95	-93.5841667	63.95	-93.5841667	Stationary	15	Cloudy	None	Wavelets	0.6	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/19/2025	02:00:00	02:05:00	00:05	63.95	-93.584	63.95	-93.584	Stationary	15	Cloudy	None	Wavelets	0.6	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/19/2025	03:00:00	03:05:00	00:05	63.95	-93.5838333	63.95	-93.5838333	Stationary	15	Cloudy	None	Wavelets	0.6	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/19/2025	04:00:00	04:05:00	00:05	63.95	-93.5838333	63.95	-93.5838333	Stationary	15	Cloudy	None	Wavelets	0.6	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/19/2025	05:05:00	05:10:00	00:05	63.95	-93.5838333	63.95	-93.5838333	Stationary	15	Cloudy	None	Wavelets	0.6	Light Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/20/2025	00:00:00	00:05:00	00:05	63.9348333	-93.5841667	63.9348333	-93.5841667	Stationary	10	Snow	None	Slight	0.8	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/20/2025	01:00:00	01:05:00	00:05	63.95	-93.5841667	63.95	-93.5841667	Stationary	10	Snow	None	Slight	0.8	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/20/2025	02:00:00	02:05:00	00:05	63.95	-93.5841667	63.95	-93.5841667	Stationary	10	Snow	None	Slight	0.8	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/20/2025	03:00:00	03:05:00	00:05	63.95	-93.5841667	63.95	-93.5841667	Stationary	10	Snow	None	Slight	0.8	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/20/2025	04:00:00	04:05:00	00:05	63.95	-93.5841667	63.95	-93.5841667	Stationary	10	Snow	None	Slight	0.8	Strong Wind
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/20/2025	05:00:00	05:05:00	00:05	63.95	-93.5841667	63.95	-93.5841667	Stationary	10	Snow	None	Slight	0.8	Strong Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/22/2025	08:17:00	08:22:00	00:05	61.2208333	-66.6318333	61.225	-66.6523333	Moving	12	Clear or Partly Cloudy	None	Moderate	1.4	Strong Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/22/2025	08:30:00	08:35:00	00:05	61.234	-66.6958333	61.241	-66.73	Moving	12	Clear or Partly Cloudy	None	Moderate	1.4	Strong Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/22/2025	08:42:00	08:47:00	00:05	61.2503333	-66.777	61.2581667	-66.8145	Moving	12	Clear or Partly Cloudy	None	Moderate	1.4	Strong Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/22/2025	08:52:00	08:57:00	00:05	61.2676667	-66.8595	61.2738333	-66.89	Moving	12	Clear or Partly Cloudy	None	Moderate	1.4	Strong Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/22/2025	09:03:00	09:08:00	00:05	61.2745	-66.9433333	61.2883333	-66.9615	Moving	12	Clear or Partly Cloudy	None	Moderate	1.4	Strong Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/22/2025	09:12:00	09:17:00	00:05	61.2905	-66.9801667	61.2988333	-67.0078333	Moving	12	Clear or Partly Cloudy	None	Moderate	1.4	Strong Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/23/2025	08:20:00			62.6035	-77.064	62.6046667	-77.1091667	Moving	6	Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/23/2025	08:32:00	08:37:00	00:05	62.6061667	-77.1551667	62.6076667	-77.1936667	Moving	6	Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/23/2025	08:40:00	08:45:00	00:05	62.6103333	-77.2231667	62.6096667	-77.259	Moving	6	Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/23/2025	08:50:00	08:55:00	00:05	62.6103333	-77.3013333	62.6111667	-77.3405	Moving	6	Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/23/2025	09:02:00	09:07:00	00:05	62.6131667	-77.3935	62.6145	-77.338	Moving	6	Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/23/2025	09:12:00	09:17:00	00:05	62.616	-77.4753333	62.6171667	-77.5155	Moving	6	Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/24/2025	08:32:00	08:37:00	00:05	62.4025	-88.3263333	62.4051667	-88.3611667	Moving	20	Clear or Partly Cloudy	None	Slight	0.4	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/24/2025	08:45:00	08:50:00	00:05	62.4093333	-88.4011667	62.4123333	-88.4625	Moving	20	Clear or Partly Cloudy	None	Slight	0.4	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/24/2025	09:00:00	09:05:00	00:05	62.4168333	-88.5363333	62.409	-88.6321667	Moving	20	Clear or Partly Cloudy	None	Slight	0.4	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/24/2025	09:10:00	09:15:00	00:05	62.4288333	-88.6688333			Moving	20	Clear or Partly Cloudy	None	Slight	0.4	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/24/2025	09:20:00	09:25:00	00:05	62.4335	-88.7201667	62.435	-88.7406667	Moving	20	Clear or Partly Cloudy	None	Slight	0.4	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/24/2025	09:35:00	09:40:00	00:05	62.4383333	-88.7851667	62.441	-88.8146667	Moving	20	Clear or Partly Cloudy	None	Slight	0.4	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/25/2025	08:58:00	09:03:00	00:05	62.7793333	-92.0611667	62.7788333	-92.0611667	Stationary	8	Clear or Partly Cloudy	Slight/ Grey	Moderate	1	Gale Force Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/25/2025	09:10:00	09:15:00	00:05	62.7788333	-92.061	62.7788333	-92.061	Stationary	8	Clear or Partly Cloudy	Slight/ Grey	Moderate	1	Gale Force Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/25/2025	09:18:00	09:23:00	00:05	62.7788333	-92.061	62.7788333	-92.061	Stationary	8	Clear or Partly Cloudy	Slight/ Grey	Moderate	1	Gale Force Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/25/2025	09:30:00	09:35:00	00:05	62.7788333	-92.1108333	62.7788333	-92.0608333	Stationary	8	Clear or Partly Cloudy	Slight/ Grey	Moderate	1	Gale Force Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/25/2025	09:37:00	09:42:00	00:05	62.7788333	-92.0606667	62.7788333	-92.0606667	Stationary	8	Clear or Partly Cloudy	Slight/ Grey	Moderate	1	Gale Force Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/25/2025	09:47:00	09:52:00	00:05	62.7788333	-92.0606667	62.7788333	-92.061	Stationary	8	Clear or Partly Cloudy	Slight/ Grey	Moderate	1	Gale Force Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/26/2025	09:25:00	09:30:00	00:05	62.7788333	-92.0606667	62.7788333	-92.0606667	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Moderate	1.4	Strong Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/26/2025	09:33:00	09:38:00	00:05	62.7788333	-92.0606667	62.7788333	-92.0606667	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Moderate	1.4	Strong Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/26/2025	08:52:00	08:57:00	00:05	62.7788333	-92.061	62.7788333	-92.061	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Moderate	1.4	Strong Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/26/2025	09:20:00	09:07:00	23:47	62.7788333	-92.061	62.7788333	-92.061	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Moderate	1.4	Strong Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/26/2025	09:10:00	09:15:00	00:05	62.7788333	-92.061	62.7788333	-92.061	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Moderate	1.4	Strong Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/26/2025	09:18:00	09:23:00	00:05	62.7788333	-92.0606667	62.7788333	-92.0606667	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Moderate	1.4	Strong Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/27/2025	08:55:00	09:00:00	00:05	62.7746667	-92.0615	62.7746667	-92.0615	Stationary	20	Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/27/2025	09:02:00	09:07:00	00:05	62.7748333	-92.0623333	62.7748333	-92.0623333	Stationary	20	Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/27/2025	09:10:00	09:15:00	00:05	62.7748333	-92.0623333	62.7746667	-92.0621667	Stationary	20	Cloudy	None	Rippled	0.2	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/27/2025	09:18:00	09:23:00	00:05	62.775	-92.0631667	62.775	-92.0631667	Stationary	20	Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/27/2025	09:25:00	09:30:00	00:05	62.7751667	-92.0631667	62.7751667	-92.0631667	Stationary	20	Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/27/2025	09:31:00	09:36:00	00:05	62.7748333	-92.0631667	62.7748333	-92.0633333	Stationary	20	Cloudy	None	Rippled	0.2	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/28/2025	09:12:00	09:17:00	00:05	62.7751667	-92.0635	62.7751667	-92.0633333	Stationary	20	Cloudy		Rippled	0.1	Calm
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/28/2025	09:20:00	09:25:00	00:05	62.7748333	-92.0625	62.7748333	-92.0623333	Stationary	20	Cloudy		Rippled	0.1	Calm
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/28/2025	09:27:00	09:32:00	00:05	62.7748333	-92.0626667	62.7748333	-92.0628333	Stationary	20	Cloudy		Rippled	0.1	Calm
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/28/2025	09:34:00	09:39:00	00:05	62.7748333	-92.0625	62.7748333	-92.0625	Stationary	20	Cloudy		Rippled	0.1	Calm
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/28/2025	09:41:00	09:46:00	00:05	62.7748333	-92.0625	62.7748333	-92.0625	Stationary	20	Cloudy		Rippled	0.1	Calm
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/28/2025	09:50:00	09:55:00	00:05	62.7746667	-92.0625	62.7748333	-92.0625	Stationary	20	Cloudy		Rippled	0.1	Calm
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/29/2025				62.7483333	-92.0316667			Stationary	2	Snow	None	Very Rough	2	
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/30/2025	09:35:00	09:40:00	00:05	62.7728333	-92.0495	62.7728333	-92.0495	Stationary	15	Cloudy	None	Slight	0.75	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/30/2025	09:47:00	09:52:00	00:05	62.7728333	-92.0496667	62.7728333	-92.0496667	Stationary	15	Cloudy	None	Slight	0.75	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/30/2025	10:00:00	10:05:00	00:05	62.7728333	-92.0496667	62.7728333	-92.0496667	Stationary	15	Cloudy	None	Slight	0.75	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/30/2025	10:07:00	10:12:00	00:05	62.7728333	-92.0498333	62.7728333	-92.0498333	Stationary	15	Cloudy	None	Slight	0.75	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/30/2025	10:14:00	10:19:00	00:05	62.7728333	-92.0498333	62.7728333	-92.0496667	Stationary	15	Cloudy	None	Slight	0.75	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/31/2025	08:57:00	09:02:00	00:05	62.773	-92.05	62.773	-92.0496667	Stationary	25	Clear or Partly Cloudy	None	Rippled	0.1	Calm
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/31/2025	09:04:00	09:09:00	00:05	62.773	-92.0498333	62.773	-92.05	Stationary	25	Clear or Partly Cloudy	None	Rippled	0.1	Calm
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/31/2025	09:11:00	09:16:00	00:05	62.773	-92.0495	62.773	-92.0496667	Stationary	25	Clear or Partly Cloudy	None	Rippled	0.1	Calm
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/31/2025	09:19:00	09:24:00	00:05	62.7728333	-92.0493333	62.7728333	-92.0493333	Stationary	25	Clear or Partly Cloudy	None	Rippled	0.1	Calm
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/31/2025	09:26:00	09:34:00	00:08	62.773	-92.0493333	62.773	-92.0493333	Stationary	25	Clear or Partly Cloudy	None	Rippled	0.1	Calm
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/31/2025	09:34:00	09:39:00	00:05	62.773	-92.0493333	62.773	-92.0495	Stationary	25	Clear or Partly Cloudy	None	Rippled	0.1	Calm
Desgagnes Transarctik	SEDNA DESGAGNÉS	11/1/2025	16:02:00	16:07:00	00:05	62.47	-89.1766667	62.4666667	-89.1333333	Moving	30	Clear or Partly Cloudy	None	Slight	0.4	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	11/1/2025	16:09:00	16:14:00	00:05	62.465	-89.115	62.4616667	-89.6716667	Moving	30	Clear or Partly Cloudy	None	Slight	0.4	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	11/1/2025	16:19:00	16:23:00	00:04	62.46	-89.115	62.4566667	-88.9933333	Moving	30	Clear or Partly Cloudy	None	Slight	0.4	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	11/1/2025	16:24:00	16:29:00	00:05	62.456	-88.9833333	62.4533333	-88.9416667	Moving	30	Clear or Partly Cloudy	None	Slight	0.4	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	11/1/2025	16:32:00	16:37:00	00:05	62.45	-88.9166667	62.4466667	-88.8716667	Moving	30	Clear or Partly Cloudy	None	Slight	0.4	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	11/1/2025	16:40:00	16:45:00	00:05	62.4433333	-88.8466667	62.44	-88.8033333	Moving	30	Clear or Partly Cloudy	None	Slight	0.4	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	11/2/2025	16:06:00	16:11:00	00:05	62.5666667	-75.9766667	62.5666667	-75.9416667	Moving	35	Clear or Partly Cloudy	None	Slight	0.3	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	11/2/2025	16:12:00	16:17:00	00:05	62.5666667	-75.94	62.5666667	-75.8783333	Moving	35	Clear or Partly Cloudy	None	Slight	0.3	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	11/2/2025	16:19:00	16:24:00	00:05	62.5666667	-75.86	62.5666667	-75.815	Moving	35	Clear or Partly Cloudy	None	Slight	0.3	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	11/2/2025	16:25:00	16:30:00	00:05	62.5666667	-75.8066667	62.565	-75.77	Moving	35	Clear or Partly Cloudy	None	Slight	0.3	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	11/2/2025	16:33:00	16:38:00	00:05	62.565	-75.7416667	62.5633333	-75.6966667	Moving	35	Clear or Partly Cloudy	None	Slight	0.3	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	11/2/2025	16:40:00	16:45:00	00:05	62.5633333	-75.68	62.5616667	-75.635	Moving	35	Clear or Partly Cloudy	None	Slight	0.3	Light Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	11/3/2025	18:01:00	18:06:00	00:05	60.58	-64.0916667	60.565	-64.0716667	Moving	10	Cloudy	None	Moderate	1.4	Strong Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	11/3/2025	18:07:00	18:12:00	00:05	60.5633333	-64.0683333	60.5483333	-64.0483333	Moving	10	Cloudy	None	Moderate	1.4	Strong Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	11/3/2025	18:13:00	18:18:00	00:05	60.545	-64.045	60.5316667	-64.0216667	Moving	10	Cloudy	None	Moderate	1.4	Strong Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	11/3/2025	18:20:00	18:25:00	00:05	60.5266667	-64.0116667	60.5116667	-63.9916667	Moving	10	Cloudy	None	Moderate	1.4	Strong Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	11/3/2025	18:25:00	18:31:00	00:06			60.51	-63.9883333	Moving	10	Cloudy	None	Moderate	1.4	Strong Wind
Desgagnes Transarctik	SEDNA DESGAGNÉS	11/3/2025	16:33:00	18:38:00	02:05	60.4933333	-63.9666667	60.4566667	-63.9133333	Moving	10	Cloudy	None	Moderate	1.4	Strong Wind
Coastal Shipping Ltd	TUVAQ W	10/5/2025	12:00:00			64.2966667	-95.9483333			Stationary	183	Cloudy	Slight/ Grey	Moderate	1	Strong Wind
Coastal Shipping Ltd	TUVAQ W	10/5/2025	13:00:00							Stationary	183	Cloudy	Slight/ Grey	Moderate	1	Strong Wind
Coastal Shipping Ltd	TUVAQ W	10/5/2025	14:00:00							Stationary	183	Cloudy	Slight/ Grey	Moderate	1	Strong Wind
Coastal Shipping Ltd	TUVAQ W	10/5/2025	15:00:00							Stationary	183	Cloudy	Slight/ Grey	Moderate	1	Strong Wind
Coastal Shipping Ltd	TUVAQ W	10/5/2025	16:00:00							Stationary	183	Cloudy	Slight/ Grey	Moderate	1	Strong Wind
Coastal Shipping Ltd	TUVAQ W	10/5/2025	17:00:00							Stationary	183	Cloudy	Slight/ Grey	Moderate	1	Strong Wind
Coastal Shipping Ltd	TUVAQ W	10/6/2025	12:00:00			64.2983333	-95.9483333			Stationary	18	Cloudy	Slight/ Grey	Moderate	1	Strong Wind
Coastal Shipping Ltd	TUVAQ W	10/6/2025	13:00:00							Stationary	18	Cloudy	Slight/ Grey	Moderate	1	Strong Wind
Coastal Shipping Ltd	TUVAQ W	10/6/2025	14:00:00							Stationary	18	Cloudy	Slight/ Grey	Moderate	1	Strong Wind
Coastal Shipping Ltd	TUVAQ W	10/6/2025	15:00:00							Stationary	18	Cloudy	Slight/ Grey	Moderate	1	Strong Wind
Coastal Shipping Ltd	TUVAQ W	10/6/2025	16:00:00							Stationary	18	Cloudy	Slight/ Grey	Moderate	1	Strong Wind
Coastal Shipping Ltd	TUVAQ W	10/6/2025	17:00:00							Stationary	18	Cloudy	Slight/ Grey	Moderate	1	Strong Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	7/21/2025	16:00:00	17:00:00	01:00	62.5233333	-91.1533333	62.6566667	-91.3033333	Moving	16	Cloudy	None	Wavelets	0.3	Calm
Coastal Shipping Ltd	QIKIQTAAALUK W	7/22/2025	16:00:00	17:00:00	01:00						10	Medium to Heavy Rain	None	Rough	2	Strong Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	7/25/2025	18:00:00	19:00:00	01:00	62.7566667	-91.985	62.6816667	-91.5333333	Moving	15	Clear or Partly Cloudy	None	Wavelets	0.1	Light Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	7/26/2025	14:30:00	15:30:00	01:00	62.5133333	-91.1566667	62.6283333	-91.0133333	Moving	15	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	7/31/2025	14:00:00	15:00:00	01:00	63.1133333	-90.3383333	63.2633333	-90.4383333	Moving	15	Clear or Partly Cloudy	None	Slight	0.25	Light Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	8/1/2025	12:00:00	13:00:00	01:00	63.94	-93.6383333			Stationary	10	Clear or Partly Cloudy	Bright on Observer's Side	Slight	1	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Coastal Shipping Ltd	QIKIQTAAALUK W	8/6/2025	18:00:00	19:00:00	01:00	63.96	-93.2616667			Moving	15	Clear or Partly Cloudy	Slight/ Grey	Slight	1	Strong Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	10/31/2025	21:00:00	21:30:00	00:30	63.4916667	-91.1366667			Stationary	6	Cloudy	Slight/ Grey	Rippled	0.2	Light Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	11/1/2025	14:00:00	16:00:00	02:00	62.81	-90.5483333	62.615	-91.0016667	Moving	6	Cloudy	Slight/ Grey	Slight	0.5	Strong Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	11/2/2025	12:00:00	14:00:00	02:00	62.7866667	-90.1166667			Stationary		Clear or Partly Cloudy	Bright on Observer's Side			Light Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	11/3/2025	15:00:00	16:00:00	01:00	62.7133333	-91.73	62.54	-91.1233333	Moving	6	Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	11/4/2025	15:00:00	16:00:00	01:00	63.4916667	-91.275			Stationary	6	Cloudy	Slight/ Grey	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	11/5/2025				63.5183333	-91.0683333			Stationary	4	Clear or Partly Cloudy	Slight/ Grey	Moderate	1	
Coastal Shipping Ltd	QIKIQTAAALUK W	11/6/2025	12:00:00	13:00:00	01:00	62.6183333	-90.9816667	62.515	-91.2416667	Moving	6	Cloudy	Slight/ Grey	Slight	0.5	Strong Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	11/4/2025	14:00:00	15:00:00	01:00	62.795	-91.9816667			Stationary	6	Clear or Partly Cloudy	None	Wavelets	0.5	Strong Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	11/8/2025	14:00:00	15:00:00	01:00	68.7883333	-91.9766667			Stationary	7	Clear or Partly Cloudy	Bright on Observer's Side	Rough	1.5	
Coastal Shipping Ltd	QIKIQTAAALUK W	11/9/2025	14:00:00	15:00:00	01:00	62.7883333	-91.98			Stationary	6	Cloudy	Slight/ Grey	Slight	0.3	Light Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	11/11/2025	14:00:00	15:00:00	01:00	62.7933333	-91.9816667			Stationary	4	Medium to Heavy Rain	Slight/ Grey	Moderate	1.5	Strong Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	11/13/2025	13:00:00	14:00:00	01:00	62.7883333	-91.9766667			Stationary	6	Clear or Partly Cloudy	Bright on Observer's Side	Moderate	1.5	Gale Force Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	11/14/2025	12:00:00	13:00:00	01:00	62.7883333	-91.9683333			Stationary	15	Cloudy	None	Rough	2	Gale Force Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	11/15/2025	14:00:00	15:00:00	01:00	62.6016667	-91.12	62.675	-91.4716667	Moving	12	Cloudy	Slight/ Grey	Very Rough	3	Strong Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	11/16/2025	16:00:00	17:00:00	01:00	62.7966667	-92.0966667	62.7966667	-92.0966667	Stationary	12	Cloudy	None	Wavelets	0.5	Light Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	11/17/2025	13:00:00	14:00:00	01:00	62.7966667	-92.0966667	62.7966667	-92.0966667	Stationary	15	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	11/18/2025	13:00:00	14:00:00	01:00	62.7966667	-92.0966667	62.7966667	-92.0966667	Stationary	12	Clear or Partly Cloudy	None	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	QIKIQTAAALUK W	11/19/2025	13:00:00	14:00:00	01:00	62.7966667	-92.0966667	62.7966667	-92.0966667	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/17/2025	17:36:00	17:43:00	00:07	60.7433333	-65.715	60.7533333	-65.7466667	Moving	1	Fog	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/17/2025	17:43:00	17:48:00	00:05	60.7533333	-65.7466667	60.7616667	-65.7816667	Moving	1	Fog	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/17/2025	17:48:00	17:53:00	00:05	60.7616667	-69.7816667	60.77	-65.815	Moving	1	Fog	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/17/2025	17:53:00	18:00:00	00:07	60.77	-65.815	60.7816667	-65.705	Moving	1	Fog	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/17/2025	17:27:00	17:32:00	00:05	60.7283333	-65.6466667	60.735	-65.6733333	Moving	1	Fog	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/17/2025	17:32:00	17:36:00	00:04	60.735	-65.6733333	60.7433333	-65.7083333	Moving	1	Fog	Slight/ Grey	Wavelets	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/18/2025	02:00:00	02:05:00	00:05	61.58	-69.2933333	61.59	-69.3433333	Moving	12	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/18/2025	02:05:00	02:10:00	00:05	61.59	-69.2933333	61.595	-69.3666667	Moving	12	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/18/2025	02:10:00	02:15:00	00:05	61.595	-69.3666667	61.605	-69.4033333	Moving	12	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/18/2025	02:15:00	02:20:00	00:05	61.605	-69.4033333	61.6116667	-69.4316667	Moving	12	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/18/2025	02:20:00	02:25:00	00:05	61.6116667	-69.4316667	61.6216667	-69.4733333	Moving	12	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/18/2025	02:25:00	02:30:00	00:05	61.6216667	-69.4733333	61.63	-69.5066667	Moving	12	Cloudy	None	Wavelets	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/18/2025	17:27:00	17:32:00	00:05	62.595	-76.505	62.5966667	-76.5483333	Moving	5	Cloudy	None	Very Rough	2.9	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/18/2025	17:32:00	17:37:00	00:05	62.5966667	-76.5483333	62.5983333	-76.5866667	Moving	5	Cloudy	None	Very Rough	2.9	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/18/2025	17:37:00	17:42:00	00:05	62.5983333	-76.5866667	62.6	-76.6183333	Moving	5	Cloudy	None	Very Rough	2.9	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/18/2025	17:42:00	17:47:00	00:05	62.6	-76.6183333	62.6016667	-76.665	Moving	5	Cloudy	None	Very Rough	2.9	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/18/2025	17:47:00	17:52:00	00:05	62.6016667	-76.6583333	62.6016667	-76.7016667	Moving	5	Cloudy	None	Very Rough	2.9	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/18/2025	17:52:00	17:57:00	00:05	62.6016667	-76.7016667	62.6033333	-76.7383333	Moving	5	Cloudy	None	Very Rough	2.9	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/19/2025	02:00:00	02:05:00	00:05	62.3183333	-80.8216667	62.3133333	-80.865	Moving	8	Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/19/2025	02:05:00	02:10:00	00:05	62.3133333	-80.865	62.3083333	-80.9016667	Moving	8	Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/19/2025	02:10:00	02:15:00	00:05	62.3083333	-80.9016667	62.3033333	-80.9533333	Moving	8	Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/19/2025	02:15:00	02:20:00	00:05	62.3033333	-80.9533333	62.2983333	-80.985	Moving	8	Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/19/2025	02:20:00	02:25:00	00:05	62.2983333	-80.985	62.2916667	-81.0216667	Moving	8	Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/19/2025	02:25:00	02:30:00	00:05	62.2916667	-81.0216667	62.285	-81.0516667	Moving	8	Cloudy	None	Slight	1	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/19/2025	18:28:00	18:33:00	00:05	62.37	-88.08	62.3716667	-88.1033333	Moving	10	Cloudy	None	Slight	1.5	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/19/2025	18:38:00	18:43:00	00:05	62.3733333	-88.13	62.375	-88.1583333	Moving	10	Cloudy	None	Slight	1.5	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/19/2025	18:43:00	18:48:00	00:05	62.375	-88.1583333	62.3766667	-88.185	Moving	10	Cloudy	None	Slight	1.5	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/19/2025	18:48:00	18:53:00	00:05	62.3766667	-88.185	62.3783333	-88.2116667	Moving	10	Cloudy	None	Slight	1.5	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/19/2025	18:53:00	18:58:00	00:05	62.3783333	-88.2116667	62.38	-88.2366667	Moving	10	Cloudy	None	Slight	1.5	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/19/2025	18:58:00	19:03:00	00:05	62.38	-88.2366667	62.3833333	-88.2633333	Moving	10	Cloudy	None	Slight	1.5	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/31/2025	08:00:00	08:05:00	00:05	62.13	-84.885	62.1266667	-84.845	Moving	10	Cloudy	None	Slight	0.2	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/31/2025	08:05:00	08:10:00	00:05	62.1266667	-84.84			Moving	10	Cloudy	None	Slight	0.2	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/31/2025	08:10:00	08:15:00	00:05	62.125	-84.805	62.1316667	-84.77	Moving	10	Cloudy	None	Slight	0.2	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/31/2025	08:15:00	08:20:00	00:05	62.1233333	-84.805	62.12	-84.72	Moving	10	Cloudy	None	Slight	0.2	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/31/2025	08:20:00	08:25:00	00:05	62.12	-84.72	62.1166667	-84.7033333	Moving	10	Cloudy	None	Slight	0.2	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/31/2025	08:25:00	08:30:00	00:05	62.1166667	-84.7033333	62.115	-84.6433333	Moving	10	Cloudy	None	Slight	0.2	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/31/2025	15:40:00	15:45:00	00:05	62.2633333	-81.2716667	62.27	-81.21	Moving	10	Cloudy	None	Slight	1.5	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/31/2025	15:45:00	15:50:00	00:05	62.27	-81.21	62.275	-81.1783333	Moving	10	Cloudy	None	Slight	1.5	Strong Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/31/2025	15:50:00	15:59:00	00:09	62.275	-81.1783333	62.2766667	-81.1533333	Moving	10	Cloudy	None	Slight	1.5	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/31/2025	15:55:00	16:00:00	00:05	62.2766667	-81.1533333	62.2833333	-81.1033333	Moving	10	Cloudy	None	Slight	1.5	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/31/2025	16:00:00	16:05:00	00:05	62.2833333	-81.1033333	62.2883333	-81.0583333	Moving	10	Cloudy	None	Slight	1.5	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/31/2025	16:05:00	16:10:00	00:05	62.2883333	-81.0583333	62.2933333	-81.0216667	Moving	10	Cloudy	None	Slight	1.5	Strong Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	11/1/2025	09:30:00	09:35:00	00:05	62.2233333	-72.1433333	62.2116667	-72.0916667		15	Cloudy	Slight/ Grey	Slight	0.5	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	11/1/2025	09:35:00	09:40:00	00:05	62.2116667	-72.0916667	62.2033333	-72.0383333		15	Cloudy	Slight/ Grey	Slight	0.5	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	11/1/2025	09:40:00	09:45:00	00:05	62.2033333	-72.3383333	62.1966667	-71.9816667		15	Cloudy	Slight/ Grey	Slight	0.5	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	11/1/2025	09:45:00	09:50:00	00:05	62.1933333	-71.9733333	62.1866667	-71.96		15	Cloudy	Slight/ Grey	Slight	0.5	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	11/1/2025	09:50:00	09:55:00	00:05	62.1866667	-71.96	62.18	-71.9183333		15	Cloudy	Slight/ Grey	Slight	0.5	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	11/1/2025	09:55:00	10:00:00	00:05	62.18	-71.9183333	62.1666667	-71.87		15	Cloudy	Slight/ Grey	Slight	0.5	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	11/1/2025	14:45:00	14:50:00	00:05	61.62	-69.455	61.61	-69.4116667	Moving	20	Clear or Partly Cloudy		Wavelets	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	11/1/2025	14:50:00	14:55:00	00:05	61.61	-69.4116667	61.6	-69.365	Moving	20	Clear or Partly Cloudy		Wavelets	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	11/1/2025	14:55:00	15:00:00	00:05	61.6	-69.365	61.66	-69.34	Moving	20	Clear or Partly Cloudy		Wavelets	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	11/1/2025	15:00:00	15:05:00	00:05	61.5933333	-69.34	61.5816667	-69.29	Moving	20	Clear or Partly Cloudy		Wavelets	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	11/1/2025	15:05:00	15:10:00	00:05	61.5816667	-69.29	61.57	-69.2683333	Moving	20	Clear or Partly Cloudy		Wavelets	1	Light Wind
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	11/1/2025	15:10:00	15:15:00	00:05	61.57	-69.2683333	61.5666667	-69.2416667	Moving	20	Clear or Partly Cloudy		Wavelets	1	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/24/2025	10:45:00	10:55:00	00:10	60.384	-63.1516667	60.405	-63.16	Moving	32	Cloudy	Slight/ Grey	Moderate	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/24/2025	11:37:00	11:45:00	00:08	60.5	-63.9766667	60.415	-63.965	Moving	32	Cloudy	Slight/ Grey	Moderate	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/24/2025	16:40:00	16:45:00	00:05	60.75	-65.1666667				18	Cloudy		Rough	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/24/2025	16:45:00	16:50:00	00:05	60.75	-65.2166667				18	Cloudy		Rough	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/24/2025	16:50:00	16:55:00	00:05	60.75	-63.2333333				18	Cloudy		Rough	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/24/2025	16:55:00	17:00:00	00:05	60.75	-65.25				18	Cloudy		Rough	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/24/2025	17:00:00	17:05:00	00:05						18	Cloudy		Rough	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/24/2025	17:05:00	17:10:00	00:05	60.7666667	-65.3166667				18	Cloudy		Rough	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	10:45:00	10:50:00	00:05	61.6616667	-71.1566667	61.6783333	-71.1566667	Moving	30	Cloudy		Rough	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	10:50:00	10:55:00	00:05	61.6683333	-71.1583333	61.6783333	-71.1833333	Moving	30	Cloudy		Rough	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	10:55:00	11:00:00	00:05	61.6783333	-71.1833333	61.6883333	-71.2083333	Moving	30	Cloudy		Rough	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	11:00:00	11:05:00	00:05	61.6883333	-71.2083333	61.7016667	-71.24	Moving	30	Cloudy		Rough	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	11:05:00	11:10:00	00:05	61.7016667	-71.24	61.7116667	-71.2633333	Moving	30	Cloudy		Rough	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	11:10:00	11:15:00	00:05	61.7116667	-71.265	61.7216667	-71.2883333	Moving	30	Cloudy		Rough	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	11:20:00	11:25:00	00:05	61.735	-71.3216667	61.7433333	-71.3433333	Moving	20	Cloudy		Rough	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	11:25:00	11:30:00	00:05	61.7433333	-71.3466667	61.75	-71.375	Moving	20	Cloudy		Rough	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	11:30:00	11:35:00	00:05	61.75	-71.375	61.7516667	-71.4133333	Moving	20	Cloudy		Rough	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	11:35:00	11:40:00	00:05	61.7566667	-71.4133333	61.7633333	-71.4316667	Moving	20	Cloudy		Rough	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	11:40:00	11:45:00	00:05	61.765	-71.4366667	61.7716667	-71.4633333	Moving	20	Cloudy		Rough	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	11:15:00	11:20:00	00:05	61.7233333	-71.2933333	61.735	-71.32	Moving	20	Cloudy		Rough	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	16:05:00	16:10:00	00:05	62.3	-72.6			Moving	8	Fog		Moderate	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	16:15:00	16:20:00	00:05	62.3333333	-72.65			Moving	8	Fog		Moderate	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	16:25:00	16:30:00	00:05	62.35	-72.7			Moving	8	Fog		Moderate	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	16:32:00	16:37:00	00:05	62.3666667	-72.75			Moving	8	Fog		Moderate	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	16:40:00	16:45:00	00:05	62.3833333	-72.7833333			Moving	8	Fog		Moderate	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	16:50:00	16:55:00	00:05	62.4	-72.8333333			Moving	8	Fog		Moderate	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	08:00:00	08:05:00	00:05	63.73	-78.2216667	63.7216667	-78.2566667		20	Cloudy		Moderate	1.5	
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	08:10:00	08:15:00	00:05	63.715	-78.285	63.705	-78.2983333		20	Cloudy		Moderate	1.5	
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	08:20:00	08:25:00	00:05	63.6983333	-78.3416667	63.69	-78.37		20	Cloudy		Moderate	1.5	
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	08:30:00	08:35:00	00:05	63.6833333	-78.3966667	63.6716667	-78.4333333		20	Cloudy		Moderate	1.5	
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	08:40:00	08:45:00	00:05	63.6666667	-78.455	63.6583333	-78.4866667		20	Cloudy		Moderate	1.5	
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	08:50:00	08:55:00	00:05	63.6516667	-78.5133333	63.6416667	-78.5516667		20	Cloudy		Moderate	1.5	
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	09:00:00	09:05:00	00:05	63.6316667	-78.5833333	63.6266667	-78.605	Moving	16			Rough	2	
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	09:10:00	09:15:00	00:05	63.62	-78.6333333	63.6033333	-78.67	Moving	16			Rough	2	
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	09:20:00	09:25:00	00:05	63.6033333	-78.7	63.5933333	-78.7366667	Moving	16			Rough	2	
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	09:30:00	09:35:00	00:05	63.585	-78.7666667	63.5766667	-78.7983333	Moving	16			Rough	2	
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	09:40:00	09:45:00	00:05	63.5683333	-78.8283333	63.56	-78.86	Moving	16			Rough	2	
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	09:50:00	09:55:00	00:05	63.5516667	-78.8883333	63.5466667	-78.9083333	Moving	16			Rough	2	
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	11:00:00	11:05:00	00:05	63.4333333	-79.3216667	63.4216667	-79.365		20	Cloudy		Rough	2	Gale Force Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	11:10:00	11:15:00	00:05	63.415	-79.3916667	63.4066667	-79.42		20	Cloudy		Rough	2	Gale Force Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	11:20:00	11:25:00	00:05	63.3966667	-79.4566667	63.39	-79.4866667		20	Cloudy		Rough	2	Gale Force Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	11:30:00	11:35:00	00:05	63.38	-79.5216667	63.3716667	-79.5516667		20	Cloudy		Rough	2	Gale Force Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	11:40:00	11:45:00	00:05	63.3633333	-79.5866667	63.355	-79.62		20	Cloudy		Rough	2	Gale Force Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	11:50:00	11:55:00	00:05	63.3483333	-79.6483333	63.3433333	-79.6666667		20	Cloudy		Rough	2	Gale Force Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	15:05:00	15:10:00	00:05	63.245	-81.1566667	63.245	-81.1966667		20	Cloudy		Rough	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	15:15:00	15:20:00	00:05	63.245	-81.2083333	63.2433333	-81.255		20	Cloudy		Rough	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	15:25:00	15:30:00	00:05	63.2416667	-81.29	63.2416667	-81.3383333		20	Cloudy		Rough	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	15:33:00	15:38:00	00:05	63.2416667	-81.3533333	63.24	-81.4		20	Cloudy		Rough	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	15:40:00	15:45:00	00:05	63.2383333	-81.4066667	63.2366667	-81.4566667		20	Cloudy		Rough	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	15:50:00	15:55:00	00:05	63.2366667	-81.485	63.2333333	-81.5316667		20	Cloudy		Rough	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	16:00:00	16:05:00	00:05	63.2333333	-81.56	63.23	-81.615	Moving	20	Cloudy		Slight	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	16:08:00	16:13:00	00:05	63.23	-81.625	63.2283333	-81.6716667	Moving	20	Cloudy		Slight	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	16:15:00	16:20:00	00:05	63.2266667	-81.6783333	63.2266667	-81.7316667	Moving	20	Cloudy		Slight	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	16:40:00	16:45:00	00:05	63.2216667	-81.875	63.2216667	-81.9266667	Moving	20	Cloudy		Slight	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	16:23:00	16:28:00	00:05	63.225	-81.7433333	63.2233333	-81.7966667	Moving	20	Cloudy		Slight	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	16:30:00	16:35:00	00:05	63.2233333	-81.8016667	63.225	-81.8083333	Moving	20	Cloudy		Slight	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	08:35:00	08:40:00	00:05	62.68	-88.7533333	62.6783333	-88.78	Moving		Cloudy		Wavelets	0.2	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	08:45:00	08:50:00	00:05	62.675	-88.8216667	62.6716667	-88.8566667	Moving		Cloudy		Wavelets	0.2	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	08:55:00	09:00:00	00:05	62.6683333	-88.8933333	62.6633333	-88.9366667	Moving		Cloudy		Wavelets	0.2	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	09:05:00	09:10:00	00:05	62.6616667	-88.9633333	62.6566667	-89.0016667	Moving		Cloudy		Wavelets	0.2	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	09:15:00	09:20:00	00:05	62.6533333	-89.04	62.65	-89.08	Moving		Cloudy		Wavelets	0.2	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	09:25:00	09:30:00	00:05	62.6483333	-89.1116667	62.645	-89.1433333	Moving		Cloudy		Wavelets	0.2	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	09:35:00	09:40:00	00:05	62.6433333	-89.1851667	62.64	-90		20	Cloudy		Wavelets	0.2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	09:45:00	09:50:00	00:05	62.6383333	-89.255	62.635	-89.2866667		20	Cloudy		Wavelets	0.2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	09:55:00	10:00:00	00:05	62.6333333	-89.3266667	62.6316667	-89.3566667		20	Cloudy		Wavelets	0.2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	10:05:00	10:10:00	00:05	62.63	-89.385	62.625	-89.45		20	Cloudy		Wavelets	0.2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	10:15:00	10:20:00	00:05	62.6233333	-89.48	62.6216667	-89.5116667		20	Cloudy		Wavelets	0.2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	10:25:00	10:30:00	00:05	62.62	-89.5466667	62.6166667	-89.5666667		20	Cloudy		Wavelets	0.2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	15:15:00	15:20:00	00:05	62.695	-91.5816667	62.705	-91.6366667		25	Cloudy		Wavelets	1	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	15:23:00	15:28:00	00:05	62.705	-91.635	62.7116667	-91.6916667		25	Cloudy		Wavelets	1	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	15:30:00	15:35:00	00:05	62.7116667	-91.6966667	62.715	-91.73		25	Cloudy		Wavelets	1	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	15:37:00	15:42:00	00:05	62.7166667	-91.7366667	62.7216667	-91.78		25	Cloudy		Wavelets	1	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	15:45:00	15:50:00	00:05	62.7233333	-91.7883333	62.7283333	-91.835		25	Cloudy		Wavelets	1	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	15:53:00	15:58:00	00:05	62.7283333	-91.8383333	62.725	-91.87		25	Cloudy		Wavelets	1	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	16:05:00	16:10:00	00:05	62.7266667	-91.8883333	62.7316667	-91.9333333	Moving	25	Cloudy		Rippled	0.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	16:12:00	16:17:00	00:05	62.7333333	-91.9383333	62.7433333	-91.9916667	Moving	25	Cloudy		Rippled	0.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	16:20:00	16:25:00	00:05	62.7433333	-91.995	62.75	-92.0333333	Moving	25	Cloudy		Rippled	0.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	16:27:00	16:32:00	00:05	62.7516667	-91.0366667	62.76	-92.0583333	Moving	25	Cloudy		Rippled	0.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	16:34:00	16:39:00	00:05	62.7616667	-92.0616667	62.7633333	-92.0716667	Moving	25	Cloudy		Rippled	0.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	16:40:00	16:45:00	00:05	62.7683333	-92.0733333	62.7683333	-92.0833333	Moving	25	Cloudy		Rippled	0.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/5/2025	13:05:00	13:10:00	00:05	62.59	-90.935	62.5966667	-90.98		20	Cloudy		Moderate	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/5/2025	13:15:00	13:20:00	00:05	62.5983333	-90.99	62.6083333	-91.0466667		20	Cloudy		Moderate	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/5/2025	13:25:00	13:30:00	00:05	62.615	-91.0516667	62.6183333	-91.105		20	Cloudy		Moderate	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/5/2025	13:35:00	13:40:00	00:05	62.6233333	-91.1233333	62.63	-91.1666667		20	Cloudy		Moderate	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/5/2025	13:45:00	13:50:00	00:05	62.6366667	-91.2183333	62.64	-91.23		20	Cloudy		Moderate	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/5/2025	13:55:00	14:00:00	00:05	62.6433333	-91.2483333	62.65	-91.295		20	Cloudy		Moderate	2	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/5/2025	14:45:00	14:50:00	00:05	62.695	-91.5933333	62.6983333	-91.6266667	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Very Rough	2.5	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/5/2025	14:55:00	15:00:00	00:05	62.7033333	-91.6583333	62.71	-91.6933333	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Very Rough	2.5	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/5/2025	15:05:00	15:10:00	00:05	62.7133333	-91.7283333	62.7183333	-91.7616667	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Very Rough	2.5	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/5/2025	15:15:00	15:20:00	00:05	62.7233333	-91.7966667	62.7266667	-91.8266667	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Very Rough	2.5	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/5/2025	15:25:00	15:30:00	00:05	62.73	-91.8483333	62.7266667	-91.8683333	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Very Rough	2.5	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/5/2025	15:35:00	15:40:00	00:05	62.725	-91.8983333	62.7316667	-91.93	Moving	20	Clear or Partly Cloudy	Slight/ Grey	Very Rough	2.5	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/6/2025	13:15:00	13:20:00	00:05	62.06	-83.5683333	62.0583333	-83.5366667		20	Clear or Partly Cloudy		Moderate	3	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/6/2025	13:21:00	13:26:00	00:05	62.0583333	-83.5316667	62.0566667	-83.485		20	Clear or Partly Cloudy		Moderate	3	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/6/2025	13:29:00	13:34:00	00:05	62.0566667	-83.4816667	62.055	-83.4483333		20	Clear or Partly Cloudy		Moderate	3	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/6/2025	13:35:00	13:39:00	00:04	62.055	-83.435	62.0533333	-83.4066667		20	Clear or Partly Cloudy		Moderate	3	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/6/2025	13:40:00	13:45:00	00:05	62.0533333	-83.4033333	62.0516667	-83.3716667		20	Clear or Partly Cloudy		Moderate	3	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/6/2025	13:46:00	13:51:00	00:05	62.0516667	-83.3666667	62.0516667	-83.325		20	Clear or Partly Cloudy		Moderate	3	Strong Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/6/2025	19:00:00	19:05:00	00:05	62.555	-81.4216667	62.5583333	-81.3783333	Moving	10	Cloudy		Very Rough	4	Gale Force Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/6/2025	19:10:00	19:15:00	00:05	62.56	-81.3483333	62.5666667	-81.3066667	Moving	10	Cloudy		Very Rough	4	Gale Force Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/6/2025	19:20:00	19:25:00	00:05	62.5666667	-81.2683333	62.5716667	-81.2283333	Moving	10	Cloudy		Very Rough	4	Gale Force Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/6/2025	19:30:00	19:35:00	00:05	62.575	-81.1916667	62.5783333	-81.1466667	Moving	10	Cloudy		Very Rough	4	Gale Force Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/6/2025	19:40:00	19:45:00	00:05	62.5816667	-81.1083333	62.585	-81.075	Moving	10	Cloudy		Very Rough	4	Gale Force Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/6/2025	19:50:00	19:55:00	00:05	62.5866667	-81.0316667	62.59	-80.9933333	Moving	10	Cloudy		Very Rough	4	Gale Force Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/7/2025	12:32:00	12:37:00	00:05	62.5233333	-73.5533333	62.5216667	-73.52	Moving	20	Cloudy		Moderate	3	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/7/2025	12:38:00	12:43:00	00:05	62.5216667	-73.5133333	62.52	-73.4716667	Moving	20	Cloudy		Moderate	3	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/7/2025	12:44:00	12:49:00	00:05	62.52	-73.4666667	62.52	-73.4233333	Moving	20	Cloudy		Moderate	3	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/7/2025	12:50:00	12:55:00	00:05	62.52	-73.42	62.52	-73.3833333	Moving	20	Cloudy		Moderate	3	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/7/2025	12:56:00	13:01:00	00:05	62.52	-73.38	62.5183333	-73.3333333	Moving	20	Cloudy		Moderate	3	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/7/2025	13:02:00	13:07:00	00:05	62.5183333	-73.3283333	62.5183333	-73.29	Moving	20	Cloudy		Moderate	3	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/7/2025	19:00:00	19:05:00	00:05	61.6483333	-71.1033333	61.6383333	-71.0816667	Moving	20	Clear or Partly Cloudy		Moderate	1.5	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/7/2025	19:10:00	19:15:00	00:05	61.63	-71.0616667	61.62	-71.0366667	Moving	20	Clear or Partly Cloudy		Moderate	1.5	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/7/2025	19:20:00	19:25:00	00:05	61.61	-71.005	61.6	-70.9783333	Moving	20	Clear or Partly Cloudy		Moderate	1.5	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/7/2025	19:30:00	19:35:00	00:05	61.5916667	-70.9516667	61.5816667	-70.925	Moving	20	Clear or Partly Cloudy		Moderate	1.5	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/7/2025	19:40:00	19:45:00	00:05	61.565	-70.88	61.57	-70.8933333	Moving	20	Clear or Partly Cloudy		Moderate	1.5	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/7/2025	19:50:00	19:55:00	00:05	61.5533333	-70.8433333	61.5433333	-70.8083333	Moving	20	Clear or Partly Cloudy		Moderate	1.5	Strong Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/8/2025	07:09:00	07:14:00	00:05	60.7083333	-66.325	60.705	-66.2916667	Moving	25	Clear or Partly Cloudy		Slight	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/8/2025	07:17:00	07:22:00	00:05	60.7016667	-66.2616667	60.6983333	-66.2366667	Moving	25	Clear or Partly Cloudy		Slight	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/8/2025	07:23:00	07:28:00	00:05	60.6983333	-66.2316667	60.695	-66.1933333	Moving	25	Clear or Partly Cloudy		Slight	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/8/2025	07:29:00	07:34:00	00:05	60.695	-66.1883333	60.69	-66.145	Moving	25	Clear or Partly Cloudy		Slight	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/8/2025	07:36:00	07:41:00	00:05	60.69	-66.1416667			Moving	25	Clear or Partly Cloudy		Slight	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/8/2025	07:42:00	07:47:00	00:05	60.6866667	-66.11	60.6816667	-66.0716667	Moving	25	Clear or Partly Cloudy		Slight	1.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/8/2025	10:55:00	11:00:00	00:05	60.5283333	-64.7566667	60.5216667	-64.69		20	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/8/2025	11:05:00	11:10:00	00:05	60.5166667	-64.6433333	60.515	-64.6116667		20	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/8/2025	11:15:00	11:20:00	00:05	60.5133333	-64.5616667	60.5116667	-64.5083333		20	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/8/2025	11:25:00	11:30:00	00:05	60.51	-64.455	60.5083333	-64.425		20	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/8/2025	11:35:00	11:40:00	00:05	60.505	-64.3833333	60.5016667	-64.3466667		20	Clear or Partly Cloudy		Slight	0.5	Light Wind
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/8/2025	11:45:00	11:50:00	00:05	60.5	-64.3016667	60.5	-64.3283333		20	Clear or Partly Cloudy		Slight	0.5	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/15/2025	09:00:00	09:05:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	8/15/2025	09:10:00	09:15:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	8/15/2025	09:20:00	09:25:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	8/15/2025	09:30:00	09:35:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	8/15/2025	09:40:00	09:45:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	8/15/2025	09:50:00	09:55:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	8/14/2025	12:00:00	12:05:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/14/2025	12:10:00	12:15:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/14/2025	12:20:00	12:25:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/14/2025	12:30:00	12:35:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/14/2025	12:40:00	12:45:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/14/2025	12:50:00	12:55:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/4/2025	12:00:00	12:05:00	00:05	64.1183333	-94.3716667	64.1183333	-94.37	Stationary	5	Medium to Heavy Rain	None	Slight	0.4	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	8/4/2025	12:10:00	12:15:00	00:05	64.1183333	-94.37	64.1183333	-94.3716667	Stationary	5	Medium to Heavy Rain	None	Slight	0.4	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	8/4/2025	12:25:00	12:30:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	5	Medium to Heavy Rain	None	Slight	0.4	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	8/4/2025	12:35:00	12:40:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	5	Medium to Heavy Rain	None	Slight	0.4	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	8/4/2025	12:45:00	12:50:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	5	Medium to Heavy Rain	None	Slight	0.4	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	8/4/2025	12:55:00	13:00:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	5	Medium to Heavy Rain	None	Slight	0.4	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	8/5/2025	12:00:00	12:05:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/5/2025	12:10:00	12:15:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/5/2025	12:25:00	12:30:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/5/2025	12:35:00	12:40:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/5/2025	12:45:00	12:50:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/5/2025	12:55:00	13:00:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/6/2025	12:00:00	12:05:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy		Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/6/2025	12:10:00	23:26:00	11:16	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy		Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/6/2025	12:25:00	12:30:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy		Wavelets	0.2	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Coastal Shipping Ltd	KIVALLIQ W	8/6/2025	12:35:00	12:40:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy		Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/6/2025	12:45:00	12:50:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy		Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/6/2025	12:55:00	13:00:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy		Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/7/2025	12:00:00	12:05:00	00:05	64.1183333	-94.3716667	64.1183333	-94.37	Stationary	10			Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/7/2025	12:10:00	12:15:00	00:05	64.1183333	-94.37	64.1183333	-94.3716667	Stationary	10			Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/7/2025	12:25:00	12:30:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10			Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/7/2025	12:35:00	12:40:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10			Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/7/2025	12:45:00	12:50:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10			Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/7/2025	12:55:00	13:00:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10			Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/8/2025	12:00:00	12:05:00	00:05	64.1183333	-94.3716667	64.1183333	-94.37	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/8/2025	12:10:00	12:15:00	00:05	64.1183333	-94.37	64.1183333	-94.3716667	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/8/2025	12:25:00	12:30:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/8/2025	12:35:00	12:40:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/8/2025	12:45:00	12:50:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/8/2025	12:55:00	13:00:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/9/2025	12:00:00	12:05:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	5		None	Moderate	0.4	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	8/9/2025	12:10:00	12:15:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	5		None	Moderate	0.4	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	8/9/2025	12:25:00	12:30:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	5		None	Moderate	0.4	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	8/9/2025	12:35:00	12:40:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	5		None	Moderate	0.4	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	8/9/2025	12:45:00	12:50:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	5		None	Moderate	0.4	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	8/9/2025	12:55:00	13:00:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	5		None	Moderate	0.4	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	8/10/2025	12:00:00	12:05:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	5	Clear or Partly Cloudy	None	Moderate	0.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	8/10/2025	12:10:00	12:15:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	5	Clear or Partly Cloudy	None	Moderate	0.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	8/10/2025	12:25:00	12:30:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	5	Clear or Partly Cloudy	None	Moderate	0.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	8/10/2025	12:35:00	12:40:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	5	Clear or Partly Cloudy	None	Moderate	0.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	8/10/2025	12:45:00	12:50:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	5	Clear or Partly Cloudy	None	Moderate	0.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	8/10/2025	12:55:00	13:00:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	5	Clear or Partly Cloudy	None	Moderate	0.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	8/11/2025	12:00:00	12:05:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/11/2025	12:10:00	12:15:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/11/2025	12:25:00	12:30:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/11/2025	12:35:00	12:40:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/11/2025	12:45:00	12:50:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/11/2025	12:55:00	13:00:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/12/2025	12:00:00	12:05:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/12/2025	12:10:00	12:15:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/12/2025	12:25:00	12:30:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/12/2025	12:35:00	12:40:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/12/2025	12:45:00	12:50:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/12/2025	12:55:00	13:00:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/13/2025	12:00:00	12:05:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/13/2025	12:10:00	12:15:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/13/2025	12:25:00	12:30:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/13/2025	12:35:00	12:40:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/13/2025	12:45:00	12:50:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/13/2025	12:55:00	13:00:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/25/2025	12:00:00	12:05:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/25/2025	12:10:00	12:15:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/25/2025	12:25:00	12:30:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/25/2025	12:35:00	12:40:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/25/2025	12:45:00	12:50:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/25/2025	12:55:00	13:00:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/26/2025	12:00:00	12:05:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/26/2025	12:10:00	12:15:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/26/2025	12:25:00	12:30:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/26/2025	12:35:00	12:40:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/26/2025	12:45:00	12:50:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/26/2025	12:55:00	13:00:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Coastal Shipping Ltd	KIVALLIQ W	7/27/2025	12:00:00	12:05:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy		Wavelets	0.2	
Coastal Shipping Ltd	KIVALLIQ W	7/27/2025	12:10:00	12:15:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy		Wavelets	0.2	
Coastal Shipping Ltd	KIVALLIQ W	7/27/2025	12:25:00	12:30:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy		Wavelets	0.2	
Coastal Shipping Ltd	KIVALLIQ W	7/27/2025	12:35:00	12:40:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy		Wavelets	0.2	
Coastal Shipping Ltd	KIVALLIQ W	7/27/2025	12:45:00	12:50:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy		Wavelets	0.2	
Coastal Shipping Ltd	KIVALLIQ W	7/27/2025	12:55:00	13:00:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy		Wavelets	0.2	
Coastal Shipping Ltd	KIVALLIQ W	7/28/2025	12:00:00	12:05:00	00:05	64.285	-94.3716667	64.1183333	-94.3716667	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/28/2025	12:10:00	12:15:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/28/2025	12:25:00	12:30:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/28/2025	12:35:00	12:40:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/28/2025	12:45:00	12:50:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/28/2025	12:55:00	13:00:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Rippled	0.1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/29/2025	12:00:00	12:05:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10	Clear or Partly Cloudy		Slight	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/29/2025	12:10:00	12:15:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10	Clear or Partly Cloudy		Slight	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/29/2025	12:25:00	12:30:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10	Clear or Partly Cloudy		Slight	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/29/2025	12:35:00	12:40:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10	Clear or Partly Cloudy		Slight	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/29/2025	12:45:00	12:50:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10	Clear or Partly Cloudy		Slight	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/29/2025	12:55:00	13:00:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10	Clear or Partly Cloudy		Slight	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	7/30/2025	12:00:00	12:05:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10	Cloudy	None	Slight	0.3	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	7/30/2025	12:10:00	12:15:00	00:05	64.1183333	-94.37	64.1183333	-94.3716667	Stationary	10	Cloudy	None	Slight	0.3	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	7/30/2025	12:25:00	12:30:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10	Cloudy	None	Slight	0.3	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	7/30/2025	12:35:00	12:40:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10	Cloudy	None	Slight	0.3	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	7/30/2025	12:45:00	12:50:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10	Cloudy	None	Slight	0.3	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	7/30/2025	12:55:00	13:00:00	00:05	64.1183333	-94.3716667	64.1183333	-94.3716667	Stationary	10	Cloudy	None	Slight	0.3	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	7/31/2025	12:00:00	12:05:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	
Coastal Shipping Ltd	KIVALLIQ W	7/31/2025	12:10:00	12:15:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	
Coastal Shipping Ltd	KIVALLIQ W	7/31/2025	12:25:00	12:30:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	
Coastal Shipping Ltd	KIVALLIQ W	7/31/2025	12:35:00	12:40:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	
Coastal Shipping Ltd	KIVALLIQ W	7/31/2025	12:45:00	12:50:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	
Coastal Shipping Ltd	KIVALLIQ W	7/31/2025	12:55:00	13:00:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/1/2025	12:00:00	12:05:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/1/2025	12:10:00	12:15:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/1/2025	12:25:00	12:30:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/1/2025	12:35:00	12:40:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/1/2025	12:45:00	12:50:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/1/2025	12:55:00	13:00:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Cloudy	Slight/ Grey	Wavelets	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/2/2025	12:00:00	12:05:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/2/2025	12:10:00	12:15:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/2/2025	12:25:00	12:30:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/2/2025	12:35:00	12:40:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/2/2025	12:45:00	12:50:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/2/2025	12:55:00	13:00:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	Slight/ Grey	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/3/2025	12:00:00	12:05:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/3/2025	12:10:00	12:15:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/3/2025	12:25:00	12:30:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/3/2025	12:35:00	12:40:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/3/2025	12:45:00	12:50:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/3/2025	12:55:00	13:00:00	00:05	64.2983333	-95.9533333	64.2983333	-95.9533333	Stationary	10	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	8/24/2025	12:00:00	12:05:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/24/2025	12:10:00	12:15:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/24/2025	12:20:00	12:25:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/24/2025	12:30:00	12:35:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/24/2025	12:40:00	12:45:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/24/2025	12:50:00	12:55:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/23/2025	09:00:00	09:05:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18			Wavelets	0.3	
Coastal Shipping Ltd	KIVALLIQ W	8/23/2025	09:10:00	09:15:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18			Wavelets	0.3	
Coastal Shipping Ltd	KIVALLIQ W	8/23/2025	09:20:00	09:25:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18			Wavelets	0.3	

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Coastal Shipping Ltd	KIVALLIQ W	8/23/2025	09:30:00	09:35:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18			Wavelets	0.3	
Coastal Shipping Ltd	KIVALLIQ W	8/23/2025	09:40:00	09:45:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18			Wavelets	0.3	
Coastal Shipping Ltd	KIVALLIQ W	8/23/2025	09:50:00	09:55:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18			Wavelets	0.3	
Coastal Shipping Ltd	KIVALLIQ W	8/22/2025	12:00:00	12:05:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/22/2025	12:10:00	12:15:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/22/2025	12:20:00	12:25:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/22/2025	12:30:00	12:35:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/22/2025	12:40:00	12:45:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/22/2025	12:50:00	12:55:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/21/2025	09:00:00	09:05:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18			Wavelets	0.3	
Coastal Shipping Ltd	KIVALLIQ W	8/21/2025	09:10:00	09:15:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18			Wavelets	0.3	
Coastal Shipping Ltd	KIVALLIQ W	8/21/2025	09:20:00	09:25:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18			Wavelets	0.3	
Coastal Shipping Ltd	KIVALLIQ W	8/21/2025	09:30:00	09:35:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18			Wavelets	0.3	
Coastal Shipping Ltd	KIVALLIQ W	8/21/2025	09:40:00	09:45:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18			Wavelets	0.3	
Coastal Shipping Ltd	KIVALLIQ W	8/21/2025	09:50:00	09:55:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18			Wavelets	0.3	
Coastal Shipping Ltd	KIVALLIQ W	8/20/2025	12:00:00	12:05:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/20/2025	12:10:00	12:15:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/20/2025	12:20:00	12:25:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/20/2025	12:30:00	12:35:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/20/2025	12:40:00	12:45:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/20/2025	12:50:00	12:55:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/19/2025	09:00:00	09:05:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	8/19/2025	09:10:00	09:15:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	8/19/2025	09:20:00	09:25:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	8/19/2025	09:30:00	09:35:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	8/19/2025	09:40:00	09:45:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	8/19/2025	09:50:00	09:55:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	8/18/2025	12:00:00	12:05:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/18/2025	12:10:00	12:15:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/18/2025	12:20:00	12:25:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/18/2025	12:30:00	12:35:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/18/2025	12:40:00	12:45:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/18/2025	12:50:00	12:55:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/17/2025	09:00:00	09:05:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	8/17/2025	09:10:00	09:15:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	8/17/2025	09:20:00	09:25:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	8/17/2025	09:30:00	09:35:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	8/17/2025	09:40:00	09:45:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	8/17/2025	09:50:00	09:55:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	8/16/2025	12:00:00	12:05:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/16/2025	12:10:00	12:15:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/16/2025	12:20:00	12:25:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/16/2025	12:30:00	12:35:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/16/2025	12:40:00	12:45:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	8/16/2025	12:50:00	12:55:00	00:05	64.2833333	-95.9533333	64.2833333	-95.9533333	Stationary	18	Clear or Partly Cloudy	Bright on Observer's Side	Rippled	0.2	
Coastal Shipping Ltd	KIVALLIQ W	10/13/2025	13:00:00	13:05:00	00:05	64.12	-94.3633333	64.12	-94.3633333	Stationary	15	Cloudy		Slight	1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/13/2025	13:10:00	13:15:00	00:05	64.12	-94.3633333	64.12	-94.3633333	Stationary	15	Cloudy		Slight	1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/13/2025	13:20:00	13:25:00	00:05	64.12	-94.3633333	64.12	-94.3633333	Stationary	15	Cloudy		Slight	1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/12/2025	10:00:00	10:05:00	00:05	64.12	-94.365	64.12	-94.365	Stationary	15	Cloudy	None	Moderate	3	Gale Force Wind
Coastal Shipping Ltd	KIVALLIQ W	10/12/2025	10:00:00	10:10:00	00:10	64.12	-94.365	64.12	-94.365	Stationary	15	Cloudy	None	Moderate	3	Gale Force Wind
Coastal Shipping Ltd	KIVALLIQ W	10/12/2025	10:10:00	10:15:00	00:05	64.12	-94.365	64.12	-94.365	Stationary	15	Cloudy	None	Moderate	3	Gale Force Wind
Coastal Shipping Ltd	KIVALLIQ W	10/12/2025	14:00:00	14:05:00	00:05	64.12	-94.365	64.12	-94.365	Stationary	10	Cloudy		Moderate	2.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/12/2025	14:08:00	14:13:00	00:05	64.12	-94.365	64.12	-94.365	Stationary	10	Cloudy		Moderate	2.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/12/2025	14:15:00	14:20:00	00:05	64.12	-94.365	64.12	-94.365	Stationary	10	Cloudy		Moderate	2.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/12/2025	14:24:00	14:29:00	00:05	64.12	-94.365	64.12	-94.365	Stationary	10	Cloudy		Moderate	2.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/12/2025	14:30:00	14:35:00	00:05	64.12	-94.365	64.12	-94.365	Stationary	10	Cloudy		Moderate	2.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/12/2025	14:38:00	14:43:00	00:05	64.12	-94.365	64.12	-94.365	Stationary	10	Cloudy		Moderate	2.5	Strong Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Coastal Shipping Ltd	KIVALLIQ W	10/11/2025	09:00:00	09:05:00	00:05	63.935	-93.615	63.935	-93.615	Stationary	20	Cloudy	None	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/11/2025	09:05:00	09:10:00	00:05	63.935	-93.615	63.935	-93.615	Stationary	20	Cloudy	None	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/11/2025	09:10:00	09:15:00	00:05	63.935	-93.615	63.935	-93.615	Stationary	20	Cloudy	None	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/11/2025	09:15:00	09:20:00	00:05	63.935	-93.615	63.935	-93.615	Stationary	20	Cloudy	None	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/11/2025	09:20:00	09:25:00	00:05	63.935	-93.615	63.935	-93.615	Stationary	20	Cloudy	None	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/11/2025	09:25:00	09:30:00	00:05	63.935	-93.615	63.935	-93.615	Stationary	20	Cloudy	None	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/11/2025	16:00:00	16:05:00	00:05	64.12	-94.3733333	64.12	-94.3733333	Stationary	5	Snow		Slight	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/11/2025	16:10:00	16:15:00	00:05	64.12	-94.3733333	64.12	-94.3733333	Stationary	5	Snow		Slight	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/11/2025	16:20:00	11:25:00	19:05	64.12	-94.3733333	64.12	-94.3733333	Stationary	5	Snow		Slight	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/11/2025	16:30:00	16:35:00	00:05	64.12	-94.3733333	64.12	-94.3733333	Stationary	5	Snow		Slight	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/11/2025	16:40:00	16:45:00	00:05	64.12	-94.3733333	64.12	-94.3733333	Stationary	5	Snow		Slight	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/11/2025	16:50:00	16:55:00	00:05	64.12	-94.3733333	64.12	-94.3733333	Stationary	5	Snow		Slight	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/10/2025	10:00:00	10:05:00	00:05	63.96	-93.5766667	63.96	-93.5766667	Stationary	20	Cloudy	None		1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/10/2025	10:05:00	10:10:00	00:05	63.96	-93.5766667	63.96	-93.5766667	Stationary	20	Cloudy	None		1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/10/2025	10:10:00	10:15:00	00:05	63.96	-93.5766667	63.96	-93.5766667	Stationary	20	Cloudy	None		1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/10/2025	10:15:00	10:20:00	00:05	63.96	-93.5766667	63.96	-93.5766667	Stationary	20	Cloudy	None		1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/10/2025	10:20:00	10:25:00	00:05	63.96	-93.5766667	63.96	-93.5766667	Stationary	20	Cloudy	None		1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/10/2025	10:25:00	10:30:00	00:05	63.96	-93.5766667	63.96	-93.5766667	Stationary	20	Cloudy	None		1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/10/2025	14:00:00	14:05:00	00:05	63.96	-93.575	63.96	-93.575	Stationary	20	Cloudy	None	Slight	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/10/2025	14:10:00	14:15:00	00:05	63.96	-93.575	63.96	-93.575	Stationary	20	Cloudy	None	Slight	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/10/2025	14:20:00	14:25:00	00:05	63.96	-93.575	63.96	-93.575	Stationary	20	Cloudy	None	Slight	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/10/2025	14:30:00	14:35:00	00:05	63.96	-93.575	63.96	-93.575	Stationary	20	Cloudy	None	Slight	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/10/2025	14:40:00	14:45:00	00:05	63.96	-93.575	63.96	-93.575	Stationary	20	Cloudy	None	Slight	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/10/2025	14:50:00	14:55:00	00:05	63.96	-93.575	63.96	-93.575	Stationary	20	Cloudy	None	Slight	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/9/2025	09:00:00	09:05:00	00:05	62.9333333	-86.8316667	62.9333333	-86.8316667	Moving	20	Clear or Partly Cloudy	None	Rough	3	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/9/2025	09:05:00	09:10:00	00:05	62.9333333	-86.8316667	62.9333333	-86.8466667	Moving	20	Clear or Partly Cloudy	None	Rough	3	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/9/2025	09:10:00	09:15:00	00:05	62.9333333	-86.85	62.9366667	-86.865	Moving	20	Clear or Partly Cloudy	None	Rough	3	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/9/2025	09:15:00	09:20:00	00:05	62.9416667	-86.875	62.9416667	-86.875	Moving	20	Clear or Partly Cloudy	None	Rough	3	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/9/2025	09:20:00	09:25:00	00:05	62.9416667	-86.875	62.95	-86.8833333	Moving	20	Clear or Partly Cloudy	None	Rough	3	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/9/2025	09:25:00	09:30:00	00:05	62.95	-86.8833333	62.9533333	-86.8966667	Moving	20	Clear or Partly Cloudy	None	Rough	3	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/9/2025	14:00:00	14:05:00	00:05	63.3316667	-90.565			Moving	15	Cloudy	None	Moderate	1.5	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/9/2025	14:05:00	14:10:00	00:05	63.37	-90.515			Moving	15	Cloudy	None	Moderate	1.5	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/9/2025	14:10:00	14:15:00	00:05	63.4	-90.715			Moving	15	Cloudy	None	Moderate	1.5	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/9/2025	14:15:00	14:20:00	00:05	63.415	-90.7483333			Moving	15	Cloudy	None	Moderate	1.5	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/9/2025	14:20:00	14:25:00	00:05					Moving	15	Cloudy	None	Moderate	1.5	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/9/2025	14:25:00			63.4516667	-90.83			Moving	15	Cloudy	None	Moderate	1.5	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/19/2025	14:00:00	14:05:00	00:05	64.2983333	-95.9483333			Stationary	15	Cloudy	None	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/19/2025	14:05:00	14:10:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	15	Cloudy	None	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/19/2025	14:10:00	14:15:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	15	Cloudy	None	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/19/2025	09:30:00	09:35:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Moderate	1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/18/2025	14:30:00	14:35:00	00:05	64.305	-95.9966667	64.305	-95.9966667	Stationary	5	Medium to Heavy Rain	None	Slight	0.8	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/18/2025	10:00:00	10:05:00	00:05	64.3043333	-95.9978333	64.3043333	-95.9978333	Stationary	5	Medium to Heavy Rain		Slight	0.8	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/18/2025	10:05:00	10:10:00	00:05	64.3043333	-95.9978333	64.3043333	-95.9978333	Stationary	5	Medium to Heavy Rain		Slight	0.8	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/18/2025	10:10:00	10:15:00	00:05	64.3043333	-95.9978333	64.3043333	-95.9978333	Stationary	5	Medium to Heavy Rain		Slight	0.8	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/18/2025	10:15:00	10:20:00	00:05	64.3043333	-95.9978333	64.3043333	-95.9978333	Stationary	5	Medium to Heavy Rain		Slight	0.8	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/18/2025	10:20:00	10:25:00	00:05	64.3043333	-95.9978333	64.3043333	-95.9978333	Stationary	5	Medium to Heavy Rain		Slight	0.8	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/18/2025	10:25:00	10:30:00	00:05	64.3043333	-95.9978333	64.3043333	-95.9978333	Stationary	5	Medium to Heavy Rain		Slight	0.8	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/17/2025	14:00:00	14:05:00	00:05	64.2383333	-95.9966667	64.2383333	-95.9966667	Stationary	15	Cloudy	None	Slight	1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/17/2025	14:05:00	14:10:00	00:05	64.2383333	-95.9966667	64.2383333	-95.9966667	Stationary	15	Cloudy	None	Slight	1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/17/2025	14:10:00	14:15:00	00:05	64.2383333	-95.9966667	64.2383333	-95.9966667	Stationary	15	Cloudy	None	Slight	1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/17/2025	14:15:00	14:20:00	00:05	64.2416667	-95.9966667	64.2416667	-95.9966667	Stationary	15	Cloudy	None	Slight	1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/17/2025	14:20:00	14:25:00	00:05	64.2416667	-95.9966667	64.2416667	-95.9966667	Stationary	15	Cloudy	None	Slight	1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/17/2025	14:25:00	14:30:00	00:05	64.2416667	-95.9966667	64.2416667	-95.9966667	Stationary	15	Cloudy	None	Slight	1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/17/2025	10:00:00	10:05:00	00:05	64.305	-95.995	64.305	-95.995	Stationary	20	Cloudy	None	Slight	0.5	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/17/2025	10:05:00	10:10:00	00:05	64.305	-95.995	64.305	-95.995	Stationary	20	Cloudy	None	Slight	0.5	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/17/2025	10:10:00	10:15:00	00:05	64.305	-95.995	64.305	-95.995	Stationary	20	Cloudy	None	Slight	0.5	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/17/2025	10:15:00	10:20:00	00:05	64.305	-95.995	64.305	-95.995	Stationary	20	Cloudy	None	Slight	0.5	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Coastal Shipping Ltd	KIVALLIQ W	10/17/2025	10:20:00	10:25:00	00:05	64.305	-95.995	64.305	-95.995	Stationary	20	Cloudy	None	Slight	0.5	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/17/2025	10:25:00	10:30:00	00:05	64.305	-95.995	64.305	-95.995	Stationary	20	Cloudy	None	Slight	0.5	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/16/2025	10:00:00	10:05:00	00:05	64.2983333	-95.9566667	64.2983333	-95.9566667	Stationary	5	Snow	None	Moderate	1.5	Gale Force Wind
Coastal Shipping Ltd	KIVALLIQ W	10/16/2025	10:05:00	10:10:00	00:05	64.2983333	-95.9566667	64.2983333	-95.9566667	Stationary	5	Snow	None	Moderate	1.5	Gale Force Wind
Coastal Shipping Ltd	KIVALLIQ W	10/16/2025	10:10:00	10:15:00	00:05	64.2983333	-95.9566667	64.2983333	-95.9566667	Stationary	5	Snow	None	Moderate	1.5	Gale Force Wind
Coastal Shipping Ltd	KIVALLIQ W	10/16/2025	10:15:00	10:20:00	00:05	64.2983333	-95.9566667	64.2983333	-95.9566667	Stationary	5	Snow	None	Moderate	1.5	Gale Force Wind
Coastal Shipping Ltd	KIVALLIQ W	10/16/2025	10:20:00	10:25:00	00:05	64.2983333	-95.9566667	64.2983333	-95.9566667	Stationary	5	Snow	None	Moderate	1.5	Gale Force Wind
Coastal Shipping Ltd	KIVALLIQ W	10/16/2025	10:25:00	10:30:00	00:05	64.2983333	-95.9566667	64.2983333	-95.9566667	Stationary	5	Snow	None	Moderate	1.5	Gale Force Wind
Coastal Shipping Ltd	KIVALLIQ W	10/16/2025	14:30:00	14:35:00	00:05	64.2983333	-95.9566667	64.2983333	-95.9566667	Stationary	5	Snow	None	Moderate		Gale Force Wind
Coastal Shipping Ltd	KIVALLIQ W	10/16/2025	14:35:00	14:40:00	00:05	64.2983333	-95.9566667	64.2983333	-95.9566667	Stationary	5	Snow	None	Moderate		Gale Force Wind
Coastal Shipping Ltd	KIVALLIQ W	10/16/2025	14:40:00	14:45:00	00:05	64.2983333	-95.9566667	64.2983333	-95.9566667	Stationary	5	Snow	None	Moderate		Gale Force Wind
Coastal Shipping Ltd	KIVALLIQ W	10/16/2025	14:50:00	14:55:00	00:05	64.2983333	-95.9566667	64.2983333	-95.9566667	Stationary	5	Snow	None	Moderate		Gale Force Wind
Coastal Shipping Ltd	KIVALLIQ W	10/16/2025	15:00:00	15:05:00	00:05	64.2983333	-95.9566667	64.2983333	-95.9566667	Stationary	5	Snow	None	Moderate		Gale Force Wind
Coastal Shipping Ltd	KIVALLIQ W	10/16/2025	15:10:00	15:15:00	00:05	64.2983333	-95.9566667	64.2983333	-95.9566667	Stationary	5	Snow	None	Moderate		Gale Force Wind
Coastal Shipping Ltd	KIVALLIQ W	10/14/2025	09:30:00	09:35:00	00:05	64.2966667	-95.9483333	64.2966667	-95.9483333	Stationary	20	Clear or Partly Cloudy	None	Rough	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/14/2025	09:35:00	09:40:00	00:05	64.2966667	-95.9483333	64.2966667	-95.9483333	Stationary	20	Clear or Partly Cloudy	None	Rough	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/14/2025	09:40:00	09:45:00	00:05	64.2966667	-95.9483333	64.2966667	-95.9483333	Stationary	20	Clear or Partly Cloudy	None	Rough	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/14/2025	09:45:00	09:50:00	00:05	64.2966667	-95.9483333	64.2966667	-95.9483333	Stationary	20	Clear or Partly Cloudy	None	Rough	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/14/2025	09:50:00	09:55:00	00:05	64.2966667	-95.9483333	64.2966667	-95.9483333	Stationary	20	Clear or Partly Cloudy	None	Rough	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/14/2025	09:55:00	10:00:00	00:05	64.2966667	-95.9483333	64.2966667	-95.9483333	Stationary	20	Clear or Partly Cloudy	None	Rough	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/14/2025	14:00:00	14:05:00	00:05	64.2966667	-95.9483333	64.2966667	-95.9483333	Stationary	15	Cloudy	None	Slight	1	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/14/2025	14:10:00	14:15:00	00:05	64.2966667	-95.9483333	64.2966667	-95.9483333	Stationary	15	Cloudy	None	Slight	1	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Coastal Shipping Ltd	KIVALLIQ W	10/20/2025	11:05:00	11:10:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	10	Snow		Rough	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/20/2025	11:10:00	11:15:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	10	Snow		Rough	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/20/2025	11:15:00	11:20:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	10	Snow		Rough	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/20/2025	11:20:00	11:25:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	10	Snow		Rough	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/20/2025	11:25:00	11:30:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	10	Snow		Rough	1.5	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/25/2025	14:00:00	14:05:00	00:05	64.2866667	-96	64.2866667	-96	Stationary	15	Cloudy	None	Slight	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/25/2025	14:05:00	14:10:00	00:05	64.3033333	-96	64.3033333	-96	Stationary	15	Cloudy	None	Slight	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/25/2025	14:10:00	14:15:00	00:05	64.3033333	-96	64.3033333	-96	Stationary	15	Cloudy	None	Slight	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/25/2025	14:15:00	14:20:00	00:05	64.3033333	-96	64.3033333	-96	Stationary	15	Cloudy	None	Slight	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/25/2025	14:20:00	14:25:00	00:05	64.3033333	-96	64.3033333	-96	Stationary	15	Cloudy	None	Slight	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/25/2025	14:25:00	14:30:00	00:05	64.3033333	-96	64.3033333	-96	Stationary	15	Cloudy	None	Slight	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/25/2025	09:30:00	09:35:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Rough	1.2	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/25/2025	09:35:00	09:40:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Rough	1.2	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/25/2025	09:40:00	09:45:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Rough	1.2	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/25/2025	09:45:00	09:50:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Rough	1.2	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/25/2025	09:50:00	09:55:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Rough	1.2	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/25/2025	09:55:00	10:00:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Rough	1.2	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/24/2025	14:00:00	14:05:00	00:05	64.3033333	-96	64.3033333	-96	Stationary	20	Cloudy	None	Moderate	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/24/2025	14:05:00	14:10:00	00:05	64.3033333	-96	64.3033333	-96	Stationary	20	Cloudy	None	Moderate	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/24/2025	14:10:00	14:15:00	00:05	64.3033333	-96	64.3033333	-96	Stationary	20	Cloudy	None	Moderate	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/24/2025	14:15:00	14:20:00	00:05	64.3033333	-96	64.3033333	-96	Stationary	20	Cloudy	None	Moderate	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/24/2025	14:20:00	14:25:00	00:05	64.3033333	-96	64.3033333	-96	Stationary	20	Cloudy	None	Moderate	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/24/2025	14:25:00	14:30:00	00:05	64.3033333	-96	64.3033333	-96	Stationary	20	Cloudy	None	Moderate	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/24/2025	09:00:00	09:05:00	00:05	64.3033333	-95.9983333	64.3033333	-95.9983333		20	Cloudy	None	Moderate	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/24/2025	09:05:00	09:10:00	00:05	64.3033333	-95.9983333	64.3033333	-95.9983333		20	Cloudy	None	Moderate	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/24/2025	09:10:00	09:15:00	00:05	64.3033333	-95.9983333	64.3033333	-95.9983333		20	Cloudy	None	Moderate	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/24/2025	09:15:00	09:20:00	00:05	64.3033333	-95.9983333	64.3033333	-95.9983333		20	Cloudy	None	Moderate	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/24/2025	09:20:00	09:25:00	00:05	64.3033333	-95.9983333	64.3033333	-95.9983333		20	Cloudy	None	Moderate	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/24/2025	09:25:00	09:30:00	00:05	64.3033333	-95.9983333	64.3033333	-95.9983333		20	Cloudy	None	Moderate	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/23/2025	14:00:00	14:05:00	00:05	64.3016667	-95.995	64.3016667	-95.995		10	Fog		Rippled	0.5	Calm
Coastal Shipping Ltd	KIVALLIQ W	10/23/2025	14:05:00	14:10:00	00:05	64.3016667	-95.995	64.3016667	-95.995		10	Fog		Rippled	0.5	Calm
Coastal Shipping Ltd	KIVALLIQ W	10/23/2025	14:10:00	14:15:00	00:05	64.3016667	-95.995	64.3016667	-95.995		10	Fog		Rippled	0.5	Calm
Coastal Shipping Ltd	KIVALLIQ W	10/23/2025	14:15:00	14:20:00	00:05	64.3016667	-95.995	64.3016667	-95.995		10	Fog		Rippled	0.5	Calm
Coastal Shipping Ltd	KIVALLIQ W	10/23/2025	14:20:00	14:25:00	00:05	64.3016667	-95.995	64.3016667	-95.995		10	Fog		Rippled	0.5	Calm
Coastal Shipping Ltd	KIVALLIQ W	10/23/2025	14:25:00	14:30:00	00:05	64.3016667	-95.995	64.3016667	-95.995		10	Fog		Rippled	0.5	Calm
Coastal Shipping Ltd	KIVALLIQ W	10/23/2025	10:00:00	10:05:00	00:05	64.3016667	-95.9966667	64.3016667	-95.9966667		10	Fog	None	Rippled	0	Calm
Coastal Shipping Ltd	KIVALLIQ W	10/23/2025	10:05:00	10:10:00	00:05	64.3016667	-95.9966667	64.3016667	-95.9966667		10	Fog	None	Rippled	0	Calm
Coastal Shipping Ltd	KIVALLIQ W	10/23/2025	10:10:00	10:15:00	00:05	64.3016667	-95.9966667	64.3016667	-95.9966667		10	Fog	None	Rippled	0	Calm
Coastal Shipping Ltd	KIVALLIQ W	10/23/2025	10:15:00	10:20:00	00:05	64.3016667	-95.9966667	64.3016667	-95.9966667		10	Fog	None	Rippled	0	Calm
Coastal Shipping Ltd	KIVALLIQ W	10/23/2025	10:20:00	10:25:00	00:05	64.3016667	-95.9966667	64.3016667	-95.9966667		10	Fog	None	Rippled	0	Calm
Coastal Shipping Ltd	KIVALLIQ W	10/23/2025	10:25:00	10:30:00	00:05	64.3016667	-95.9966667	64.3016667	-95.9966667		10	Fog	None	Rippled	0	Calm
Coastal Shipping Ltd	KIVALLIQ W	10/22/2025	14:00:00	14:05:00	00:05	64.3016667	-95.995	64.3016667	-95.995	Stationary	15	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/22/2025	14:05:00	14:10:00	00:05	64.3016667	-95.995	64.3016667	-95.995	Stationary	15	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/22/2025	14:10:00	14:15:00	00:05	64.3016667	-95.995	64.3016667	-95.995	Stationary	15	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/22/2025	14:15:00	14:20:00	00:05	64.3016667	-95.995	64.3016667	-95.995	Stationary	15	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/22/2025	14:20:00	14:25:00	00:05	64.3016667	-95.995	64.3016667	-95.995	Stationary	15	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/22/2025	14:25:00	14:30:00	00:05	64.3016667	-95.995	64.3016667	-95.995	Stationary	15	Clear or Partly Cloudy	None	Wavelets	0.5	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/28/2025	14:00:00	14:05:00	00:05	64.2966667	-95.9466667	64.2966667	-95.9466667		15	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/28/2025	14:05:00	14:10:00	00:05	64.2966667	-95.9466667	64.2966667	-95.9466667		15	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/28/2025	14:10:00	14:15:00	00:05	64.2966667	-95.9466667	64.2966667	-95.9466667		15	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/28/2025	14:15:00	14:20:00	00:05	64.2966667	-95.9466667	64.2966667	-95.9466667		15	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/28/2025	14:20:00	14:25:00	00:05	64.2966667	-95.9466667	64.2966667	-95.9466667		15	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/28/2025	14:25:00	14:30:00	00:05	64.2966667	-95.9466667	64.2966667	-95.9466667		15	Clear or Partly Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/28/2025	09:30:00	09:35:00	00:05	64.2983333	-95.9466667	64.2983333	-95.9466667	Stationary	20	Cloudy	None	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/28/2025	09:35:00	09:40:00	00:05	64.2983333	-95.9466667	64.2983333	-95.9466667	Stationary	20	Cloudy	None	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/28/2025	09:40:00	09:45:00	00:05	64.2983333	-95.9466667	64.2983333	-95.9466667	Stationary	20	Cloudy	None	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/28/2025	09:45:00	09:50:00	00:05	64.2983333	-95.9466667	64.2983333	-95.9466667	Stationary	20	Cloudy	None	Wavelets	0.3	Light Wind

APPENDIX E: SEABIRD SURVEY DATA, 2025

Company/Agency	Vessel Name	Survey Date	Time Start	Time End	Effort	Start Latitude	Start Longitude	End Latitude	End Longitude	Vessel Activity	Visibility (km)	Weather	Glare Condition	Sea State	Wave Height (m)	Beaufort Scale
Coastal Shipping Ltd	KIVALLIQ W	10/28/2025	09:50:00	09:55:00	00:05	64.2983333	-95.9466667	64.2983333	-95.9466667	Stationary	20	Cloudy	None	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/28/2025	09:55:00	10:00:00	00:05	64.2983333	-95.9466667	64.2983333	-95.9466667	Stationary	20	Cloudy	None	Wavelets	0.3	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/27/2025	14:00:00	14:05:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/27/2025	14:05:00	14:10:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/27/2025	14:10:00	14:15:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/27/2025	14:15:00	14:20:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/27/2025	14:20:00	14:25:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/27/2025	14:25:00	14:30:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Wavelets	0.2	Light Wind
Coastal Shipping Ltd	KIVALLIQ W	10/27/2025	09:00:00	09:05:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Wavelets	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	10/27/2025	09:05:00	09:10:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Wavelets	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	10/27/2025	09:10:00	09:15:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Wavelets	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	10/27/2025	09:15:00	09:20:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Wavelets	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	10/27/2025	09:20:00	09:25:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Wavelets	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	10/27/2025	09:25:00	09:30:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Wavelets	0.2	Calm
Coastal Shipping Ltd	KIVALLIQ W	10/26/2025	14:00:00	14:05:00	00:05	64.2966667	-95.9466667	64.2966667	-95.9466667	Stationary		Cloudy		Slight	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/26/2025	14:05:00	14:10:00	00:05	64.2966667	-95.9466667	64.2966667	-95.9466667	Stationary		Cloudy		Slight	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/26/2025	14:15:00	14:20:00	00:05	64.2966667	-95.9466667	64.2966667	-95.9466667	Stationary		Cloudy		Slight	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/26/2025	14:20:00	14:25:00	00:05	64.2966667	-95.9466667	64.2966667	-95.9466667	Stationary		Cloudy		Slight	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/26/2025	14:25:00	14:30:00	00:05	64.2966667	-95.9466667	64.2983333	-95.9466667	Stationary		Cloudy		Slight	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/26/2025	14:30:00	14:35:00	00:05	64.2966667	-95.9466667	64.2966667	-95.9466667	Stationary		Cloudy		Slight	1	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/26/2025	09:00:00	09:05:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Rough	1.2	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/26/2025	09:05:00	09:10:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Rough	1.2	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/26/2025	09:10:00	09:15:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Rough	1.2	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/26/2025	09:15:00	09:20:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Rough	1.2	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/26/2025	09:20:00	09:25:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Rough	1.2	Strong Wind
Coastal Shipping Ltd	KIVALLIQ W	10/26/2025	09:25:00	09:30:00	00:05	64.2983333	-95.9483333	64.2983333	-95.9483333	Stationary	20	Cloudy	None	Rough	1.2	Strong Wind

APPENDIX F SEABIRD OBSERVATION DATA, 2025

APPENDIX F: SEABIRD OBSERVATION DATA, 2025

Company/Agency	Vessel Name	Survey Date	Species Name	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	Razorbill	2	Fly	Yes	C	Escape Flight	230
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	Glaucous Gull	1	Fly	Yes	C	Other	315
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	Glaucous Gull	2	Fly	No	B	Other	270
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	Glaucous Gull	3	Fly	No	C	Other	250
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	Common Loon	1	Water	No	C	Other	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	Glaucous Gull	1	Fly	No	C	Other	250
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	Glaucous Gull	7	Fly	No	C	Other	230
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	Glaucous Gull	1	Water	No	B	Rafting	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	Northern Fulmar	1	Fly	Yes	A	Other	250
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	Northern Fulmar	2	Water	Yes	C	Other	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	Parasitic Jaeger	3	Fly	Yes	B	Other	250
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	Glaucous Gull	1	Water	No	B	Other	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	Glaucous Gull	2	Fly	No	C	Other	210
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/25/2025	Northern Fulmar	3	Fly	Yes	B	Other	237
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/26/2025	Iceland Gull	9	Water	No	D	Rafting	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/26/2025	Northern Fulmar	12	Water	Yes	B	Other	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	Glaucous Gull	7	Fly	No	C	Other	276
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	Razorbill	1	Fly	Yes	B	Other	278
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	Razorbill	1	Water	No	C	Rafting	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	Glaucous Gull	3	Fly	No	C	Other	330
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	Glaucous Gull	2	Fly	No	C	Other	350
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/27/2025	Razorbill	15	Fly	Yes	C	Other	20
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/28/2025	Northern Fulmar	3	Fly	Yes	C	Escape Flight	90
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/28/2025	Razorbill	1	Fly	Yes	E	Escape Flight	0
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	Razorbill	1	Fly	Yes	B	Other	100
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	Razorbill	8	Fly	Yes	B	Other	315
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	Razorbill	1	Fly	Yes	C	Other	276
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	Iceland Gull	7	Fly	No	C	Other	276
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	Razorbill	10	Fly	Yes	D	Other	250
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	Iceland Gull	1	Water	Yes	C	Rafting	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	Iceland Gull	2	Water	No	C	Rafting	0
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	Razorbill	1	Fly	Yes	C	Other	200
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	Razorbill	1	Fly	Yes	B		170
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	Razorbill	4	Fly	Yes	C	Other	210
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	Razorbill	2	Water	Yes	C	Rafting	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	6/29/2025	Razorbill	5	Fly	Yes	C	Other	290
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/1/2025	Northern Fulmar	1	Fly	Yes	A	Other	255
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/1/2025	Glaucous Gull	12	Water	No		Rafting	
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/1/2025	White-winged Scoter	1	Fly	Yes	D	Other	356
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/1/2025	Northern Fulmar	1	Fly	Yes	A	Other	358

APPENDIX F: SEABIRD OBSERVATION DATA, 2025

Company/Agency	Vessel Name	Survey Date	Species Name	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/1/2025	Northern Fulmar	1	Fly	Yes	A	Other	13
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/1/2025	Glaucous Gull	4	Fly	Yes	A	Other	193
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	Surf Scoter	7	Water	Yes	B	Other	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	Surf Scoter	35	Water	Yes	C	Other	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/1/2025	Surf Scoter	3	Fly	No	C	Other	90
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/2/2025	Parasitic Jaeger	3	Fly	Yes	A	Other	273
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/2/2025	Iceland Gull	12	Fly	Yes	A	Other	273
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	Surf Scoter	7	Fly	Yes	A	Other	270
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	Northern Fulmar	3	Fly	Yes	C	Other	0
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	Surf Scoter	2	Fly	Yes	A	Other	90
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	Surf Scoter	2	Water	Yes	C	Other	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	Surf Scoter	3	Fly	Yes	B	Other	40
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/2/2025	Northern Fulmar	2	Water	Yes	D	Other	
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/3/2025	Wilson's Storm-petrel	5	Fly	Yes	A	Other	191
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	7/3/2025	Wilson's Storm-petrel	2	Fly	Yes	A	Other	301
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/3/2025	Surf Scoter	3	Fly	Yes	A	Other	10
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/3/2025	Surf Scoter	4	Fly	Yes	D	Other	190
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/5/2025	Northern Fulmar	2	Fly	Yes	C	Other	10
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	Northern Fulmar	5	Fly	Yes	B	Other	310
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	Surf Scoter	7	Water	Yes	E	Other	0
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	Surf Scoter	35	Fly	Yes	B	Other	10
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/6/2025	Northern Fulmar	3	Fly	Yes	A	Other	180
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	Northern Fulmar	3	Water	Yes	B	Other	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	Northern Fulmar	2	Fly	Yes	D	Other	0
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	Northern Fulmar	3	Fly	Yes	B	Other	10
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	Surf Scoter	2	Fly	Yes	D	Other	10
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/7/2025	Peregrine Falcon	1	Fly	Yes	E	Other	20
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/9/2025	Razorbill	12	Fly	Yes	B	Other	45
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/9/2025	Northern Fulmar	2	Fly	No	B	Other	40
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/9/2025	Razorbill	1	Fly	Yes	C	Other	120
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/9/2025	Razorbill	7	Fly	Yes	A	Escape Flight	270
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/10/2025	Razorbill	4	Fly	Yes	B	Other	10
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/10/2025	Northern Fulmar	1	Fly	Yes	B	Other	100
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/12/2025	Dovekie	2	Fly	Yes	A	Escape Flight	180
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/12/2025	Dovekie	4	Fly	No	A	Escape Flight	270
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/12/2025	Glaucous Gull	2	Fly	Yes	A	Escape Flight	270
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/12/2025	Razorbill	4	Fly	Yes	B	Escape Flight	270
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	Dovekie	4	Fly		A	Escape Flight	245
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	Dovekie	3	Fly		B	Escape Flight	315
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	Dovekie	12	Fly	Yes	A	Escape Flight	0

APPENDIX F: SEABIRD OBSERVATION DATA, 2025

Company/Agency	Vessel Name	Survey Date	Species Name	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	Dovekie	2	Fly	No	B	Escape Flight	0
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	Razorbill	1	Fly	Yes	B	Escape Flight	180
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	Dovekie	11	Fly	Yes	A	Other	0
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	Dovekie	3	Fly	No	B	Other	80
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	Dovekie	4	Water	No	C	Other	30
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	Dovekie	6	Fly	Yes	B	Escape Flight	0
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/13/2025	Dovekie	8	Water	No	C	Other	200
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/14/2025	Dovekie	18	Fly	Yes	C	Escape Flight	80
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/14/2025	Dovekie	18	Fly	Yes	B	Escape Flight	280
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/14/2025	Dovekie	18	Fly	Yes	B	Escape Flight	280
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/14/2025	Glaucous Gull	1	Fly	Yes	B	Escape Flight	280
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/14/2025	Dovekie	8	Fly	Yes	C	Escape Flight	0
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/14/2025	Dovekie	2	Fly	No	B	Other	270
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Herring Gull	11	Water	No	B	Rafting	279
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Herring Gull	2	Water	No	B	Rafting	279
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Herring Gull	1	Fly	No	B	Other	330
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	1	Fly	No	B	Other	220
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	3	Fly	No	A	Other	301
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	1	Fly	No	B	Other	303
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	5	Fly	No	C	Other	330
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	2	Fly	No	A	Other	30
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	5	Fly	No	B	Other	60
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	2	Fly	No	B	Other	60
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	1	Water	No	A	Rafting	15
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	4	Fly	No	B	Other	90
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	5	Water	No	B	Rafting	45
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	6	Fly	No	B	Other	45
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	1	Fly	No	B	Other	15
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	1	Fly	No	A	Other	344
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	2	Fly	No	B	Other	90
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	1	Water	No	B	Rafting	90
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	4	Water	No	B	Rafting	45
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	10	Fly	No	C	Other	180
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	3	Fly	No	B	Other	40
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	1	Fly	No	A	Other	349
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	5	Fly	No	A	Other	15
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	1	Fly	No	B	Other	60
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	7	Fly	No	A	Other	45
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	3	Fly	No	B	Other	15
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	3	Fly	No	A	Other	90

APPENDIX F: SEABIRD OBSERVATION DATA, 2025

Company/Agency	Vessel Name	Survey Date	Species Name	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	1	Fly	No	A	Other	50
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Herring Gull	1	Fly	No	B	Other	15
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Herring Gull	1	Fly	No	B	Other	229
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Herring Gull	1	Fly	No	B	Other	45
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Herring Gull	5	Fly	No	B	Other	90
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Herring Gull	4	Fly	No	A	Other	45
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Herring Gull	3	Fly	No	A	Other	90
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Herring Gull	2	Fly	No	B	Other	30
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Herring Gull	17	Water	No	B	Rafting	60
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Herring Gull	1	Fly	No	A	Other	10
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	2	Fly	No	B	Other	50
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	3	Fly	No	B	Other	90
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	4	Fly	No	B	Other	30
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Herring Gull	3	Fly	No	A	Other	15
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Herring Gull	10	Fly	No	B	Other	45
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Unknown Gull	2	Fly	No	C	Rafting	300
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	1	Fly	No	D	Escape Flight	80
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	1	Fly	No	E	Escape Flight	320
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	2	Fly	No	D	Escape Flight	330
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	5	Water	No	D	Rafting	
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	1	Fly	No	D	Escape Flight	300
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	1	Fly	No	B	Escape Flight	300
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	2	Water	No	E	Rafting	
Desgagnes Transarctik	MIENA DESGAGNÉS	7/17/2025	Northern Fulmar	2	Fly	No	E	Escape Flight	100
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	Dovekie	12	Fly	No	B	Other	349
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	Dovekie	7	Fly	No	A	Other	60
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	Dovekie	1	Fly	No	B	Other	60
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	Dovekie	1	Fly	No	B	Other	0
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	Dovekie	1	Fly	No	A	Other	60
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	Dovekie	3	Fly	No	B	Other	15
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	Herring Gull	1	Fly	No	D	Other	45
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	Dovekie	1	Fly	No	D	Other	180
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	Dovekie	3	Fly	No	C	Other	60
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	Dovekie	2	Fly	No	B	Other	30
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	Dovekie	1	Fly	No	A	Other	344
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	Dovekie	8	Fly	No	B	Other	10
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	Pomarine Jaeger	1	Fly	No	C	Escape Flight	160
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	Pomarine Jaeger	2	Fly	No	D	Escape Flight	245
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	Iceland Gull	1	Fly	No	C	Escape Flight	265
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	Razorbill	2	Fly	No	E	Escape Flight	290

APPENDIX F: SEABIRD OBSERVATION DATA, 2025

Company/Agency	Vessel Name	Survey Date	Species Name	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	Red Phalarope	1	Fly	No	B	Escape Flight	95
Desgagnes Transarctik	MIENA DESGAGNÉS	7/18/2025	Great Skua	1	Fly	No	B	Escape Flight	290
Desgagnes Transarctik	MIENA DESGAGNÉS	7/19/2025	Northern Fulmar	1	Fly	No	B	Other	15
Desgagnes Transarctik	MIENA DESGAGNÉS	7/19/2025	Northern Fulmar	1	Water	No	C	Rafting	45
Desgagnes Transarctik	MIENA DESGAGNÉS	7/19/2025	Herring Gull	1	Fly	No	B	Other	30
Desgagnes Transarctik	MIENA DESGAGNÉS	7/19/2025	Dovekie	2	Fly	No	B	Other	60
Desgagnes Transarctik	MIENA DESGAGNÉS	7/19/2025	Unknown Murre	6	Fly	No	D	Other	300
Desgagnes Transarctik	MIENA DESGAGNÉS	7/20/2025	Great Skua	2	Fly	No	B	Other	25
Desgagnes Transarctik	MIENA DESGAGNÉS	7/20/2025	Cackling/Canada Goose	9	Fly	No	B	Other	300
Desgagnes Transarctik	MIENA DESGAGNÉS	7/20/2025	Black Scoter	13	Water	No	B	Rafting	30
Desgagnes Transarctik	MIENA DESGAGNÉS	7/20/2025	Black Scoter	3	Fly	No	B	Other	30
Desgagnes Transarctik	MIENA DESGAGNÉS	7/20/2025	Black Scoter	1	Fly	No	B	Other	30
Desgagnes Transarctik	MIENA DESGAGNÉS	7/20/2025	Black Scoter	2	Fly	No	B	Other	345
Desgagnes Transarctik	MIENA DESGAGNÉS	7/20/2025	Iceland Gull	1	Fly	No	B	Escape Flight	140
Coastal Shipping Ltd	QIKIQTAAALUK W	7/21/2025	Common Eider	14	Water	No		Other	
Coastal Shipping Ltd	QIKIQTAAALUK W	7/21/2025	Common Eider	14	Water	No		Other	
Coastal Shipping Ltd	QIKIQTAAALUK W	7/22/2025	Common Eider	8	Water	No	C		
Coastal Shipping Ltd	QIKIQTAAALUK W	7/22/2025	Unknown Gull	1	Fly	Yes	D	Escape Flight	120
Coastal Shipping Ltd	TUVAQ W	7/23/2025	Common Loon	1	Fly	Yes		Escape Flight	210
Coastal Shipping Ltd	TUVAQ W	7/23/2025	Common Loon	1	Water	Yes	D	Rafting	0
Coastal Shipping Ltd	TUVAQ W	7/23/2025	Unknown Gull	1	Fly	Yes	C	Escape Flight	0
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/24/2025	Black Guillemot	3	Water	Yes	C	Other	230
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/24/2025	Dovekie	24	Fly	Yes	B	Escape Flight	310
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/24/2025	Herring Gull	1	Fly	No	B	Escape Flight	310
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/25/2025	Dovekie	3	Fly	Yes	D	Escape Flight	20
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/25/2025	Dovekie	2	Fly	No	B	Escape Flight	50
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/25/2025	Dovekie	3	Fly	No	B	Escape Flight	140
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/25/2025	Dovekie	1	Fly	Yes	B	Escape Flight	118
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	7/25/2025	Razorbill	1	Fly	Yes	B	Escape Flight	120
Coastal Shipping Ltd	QIKIQTAAALUK W	7/25/2025	Common Eider	8	Water	No			
Coastal Shipping Ltd	QIKIQTAAALUK W	7/25/2025	Unknown Gull	1	Fly	Yes			120
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	Razorbill	2	Fly	Yes	A	Escape Flight	10
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	Razorbill	3	Fly	Yes	A	Other	295
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	Razorbill	2	Water	Yes	B	Rafting	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	Razorbill	4	Fly	Yes	B	Escape Flight	260
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	Razorbill	1	Water	Yes	C	Other	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	Razorbill	1	Fly	Yes	C	Other	260
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	Northern Fulmar	1	Water	No	B	Other	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	Razorbill	2	Water	Yes	C	Rafting	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	Northern Fulmar	1	Fly	No	D	Other	295

APPENDIX F: SEABIRD OBSERVATION DATA, 2025

Company/Agency	Vessel Name	Survey Date	Species Name	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	Razorbill	1	Water	Yes	A	Escape Flight	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	Razorbill	1	Fly	Yes	C	Escape Flight	300
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	Razorbill	22	Fly	Yes	B	Other	294
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	Northern Fulmar	3	Fly	No	A	Other	298
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	Razorbill	8	Fly	Yes	A	Other	296
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	Common Eider	3	Fly	Yes	A	Other	292
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	Razorbill	5	Fly	Yes	B	Escape Flight	296
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	Unknown Jaeger	2	Fly	Yes	C	Escape Flight	299
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	Iceland Gull	1	Fly	No	B	Escape Flight	295
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/28/2025	Northern Fulmar	1	Fly	Yes	D	Escape Flight	291
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	6	Fly	No	C	Escape Flight	0
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	9	Fly	No	A	Escape Flight	180
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	3	Water	Yes	C	Rafting	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	7	Fly	Yes	C	Escape Flight	300
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	2	Water	No	B	Other	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	5	Fly	Yes	B	Escape Flight	275
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	7	Fly	Yes	C	Other	275
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	1	Fly	Yes	C	Escape Flight	250
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	2	Water	Yes	C	Other	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	13	Fly	Yes	B	Escape Flight	45
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	2	Fly	Yes	D	Other	200
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	1	Fly	No	B	Other	275
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	1	Fly	Yes	B	Other	275
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	1	Water	Yes	A	Other	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	3	Fly	Yes	C	Escape Flight	200
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	1	Fly	Yes	D	Other	330
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	5	Fly	No	B	Other	275
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	1	Fly	Yes	C	Escape Flight	45
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	2	Fly	Yes	B	Other	300
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	1	Water	Yes	C	Rafting	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	4	Fly	Yes	C	Escape Flight	50
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	3	Fly	Yes	B	Escape Flight	330
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	1	Fly	Yes	A	Escape Flight	200
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	1	Fly	Yes	B	Escape Flight	200
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	1	Fly	Yes	C	Other	190
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	4	Fly	Yes	C	Other	275
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	1	Fly	Yes	B	Escape Flight	200
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	3	Fly	Yes	C	Other	180
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	1	Water	Yes	D	Rafting	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/29/2025	Razorbill	2	Water	No	D	Escape Flight	

APPENDIX F: SEABIRD OBSERVATION DATA, 2025

Company/Agency	Vessel Name	Survey Date	Species Name	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	Northern Fulmar	1	Water	No	C	Rafting	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	Northern Fulmar	1	Fly	Yes	B	Other	300
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	Northern Fulmar	1	Fly	Yes	B	Other	290
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/30/2025	Northern Fulmar	4	Fly	Yes	C	Other	10
Desgagnes Transarctik	MIENA DESGAGNÉS	7/31/2025	Black Guillemot	2	Water	No	C	Rafting	120
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/31/2025	Razorbill	3	Water	No	B	Other	340
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/31/2025	Northern Fulmar	1	Fly	No	C	Other	226
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/31/2025	Northern Fulmar	1	Fly	No	D	Other	0
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/31/2025	Razorbill	2	Water	No	C	Rafting	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	7/31/2025	Northern Fulmar	1	Fly	No	D	Other	0
Coastal Shipping Ltd	QIKIQTAAALUK W	8/1/2025	Red Phalarope	6	Fly	Yes	A	Escape Flight	40
Desgagnes Transarctik	MIENA DESGAGNÉS	8/1/2025	Northern Fulmar	10	Fly	No	C	Escape Flight	45
Desgagnes Transarctik	MIENA DESGAGNÉS	8/1/2025	Dovekie	1	Fly	No	C	Escape Flight	15
Desgagnes Transarctik	MIENA DESGAGNÉS	8/1/2025	Dovekie	1	Fly	No	B	Escape Flight	60
Desgagnes Transarctik	MIENA DESGAGNÉS	8/1/2025	Dovekie	1	Fly	No	C	Other	45
Desgagnes Transarctik	MIENA DESGAGNÉS	8/1/2025	Manx Shearwater	2	Fly	No	D	Other	22
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	Herring Gull	1	Fly	No	C	Other	180
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	Herring Gull	2	Fly	No	B	Other	70
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	Herring Gull	1	Fly	No	B	Other	80
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	Iceland Gull	7	Fly	No	C	Other	45
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	Iceland Gull	1	Fly	No	C	Other	35
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	Herring Gull	1	Fly	No	B	Other	320
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	Dovekie	2	Fly	No	C	Other	45
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	Northern Fulmar	1	Fly	No	B	Other	45
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	Parasitic Jaeger	1	Fly	No	B	Other	60
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	Dovekie	1	Fly	No	C	Other	70
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	Herring Gull	1	Fly	No	C	Other	270
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	Herring Gull	1	Fly	No	C	Other	48
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	Dovekie	4	Fly	No	C	Other	320
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	Herring Gull	1	Fly	No	C	Other	180
Desgagnes Transarctik	MIENA DESGAGNÉS	8/2/2025	Herring Gull	3	Fly	No	B	Other	0
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	Northern Fulmar	1	Fly	Yes	C	Other	180
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	Black Guillemot	1	Water	No	D	Rafting	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	Northern Fulmar	1	Fly	No	D	Other	150
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	Northern Fulmar	1	Water	Yes	C	Rafting	0
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	Northern Fulmar	1	Fly	Yes	C	Escape Flight	200
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	Northern Fulmar	1	Fly	Yes	C	Escape Flight	220
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	Northern Fulmar	3	Fly	Yes	B	Escape Flight	150
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/4/2025	Northern Fulmar	1	Fly	Yes	B	Other	330
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/5/2025	Common Murre	2	Water	Yes	B	Other	

APPENDIX F: SEABIRD OBSERVATION DATA, 2025

Company/Agency	Vessel Name	Survey Date	Species Name	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	Herring Gull	6	Fly	Yes	A	Other	270
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	Herring Gull	1	Fly	Yes	A	Other	90
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	Northern Fulmar	1	Fly	Yes	B	Other	270
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	Northern Fulmar	1	Fly	Yes	A	Other	270
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	Wilson's Storm-petrel	5	Fly	Yes	A	Other	116
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	Wilson's Storm-petrel	3	Fly	Yes	A	Escape Flight	26
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	Wilson's Storm-petrel	1	Fly	Yes	A	Other	26
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	Wilson's Storm-petrel	1	Fly	Yes	A	Escape Flight	296
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	White-winged Scoter	1	Fly	Yes	A	Escape Flight	296
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	Northern Fulmar	3	Fly	Yes	A	Other	330
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/6/2025	Northern Fulmar	2	Fly	Yes	B	Other	270
Coastal Shipping Ltd	KIVALLIQ W	8/6/2025	Unknown Sandpiper	3	Fly	No	C	Other	100
Coastal Shipping Ltd	KIVALLIQ W	8/6/2025	Unknown Sandpiper	3	Fly	No	D	Other	200
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/8/2025	Dovekie	1	Fly	Yes	A	Other	244
Coastal Shipping Ltd	TUVAQ W	8/9/2025	Glaucous Gull	2	Fly	Yes	C	Escape Flight	270
Coastal Shipping Ltd	TUVAQ W	8/9/2025	Herring Gull	4	Fly	Yes	B	Escape Flight	280
Coastal Shipping Ltd	TUVAQ W	8/9/2025	Unknown Gull	2	Fly	Yes	C	Escape Flight	180
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	Northern Fulmar	1	Fly	Yes	B	Other	103
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/10/2025	Northern Fulmar	1	Water	No	C	Rafting	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	Razorbill	1	Fly	Yes	B	Escape Flight	120
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	Razorbill	2	Fly	Yes	B	Other	90
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	Razorbill	1	Fly	Yes	A	Other	90
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	Razorbill	1	Water	No	B	Other	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/11/2025	Northern Fulmar	2	Fly	Yes	A	Other	30
Coastal Shipping Ltd	KIVALLIQ W	8/11/2025	Unknown Sandpiper	1	Fly	No	B	Other	70
Coastal Shipping Ltd	KIVALLIQ W	8/11/2025	Unknown Sandpiper	1	Fly	No	C	Other	100
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	Razorbill	10	Fly	Yes	D	Other	100
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	Razorbill	1	Fly	Yes	C	Escape Flight	200
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	Razorbill	2	Fly	Yes	B	Escape Flight	160
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	Razorbill	1	Fly	Yes	B	Other	110
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	Razorbill	5	Fly	Yes	B	Escape Flight	180
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	Razorbill	2	Fly	Yes	A	Other	90
Desgagnes Transarctik	NORDIKA DESGAGNÉS	8/12/2025	Razorbill	3	Fly	Yes	B	Other	100
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	Northern Fulmar	6	Fly	Yes	A	Escape Flight	270
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	Razorbill	25	Fly	Yes	C	Other	360
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	Northern Fulmar	1	Fly	Yes	B	Escape Flight	40
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	Northern Fulmar	1	Fly	Yes	A	Escape Flight	280
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	Northern Fulmar	1	Fly	Yes	C	Escape Flight	190
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	Northern Fulmar	1	Fly	Yes	A	Other	268
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	Northern Fulmar	1	Fly	No	B	Escape Flight	45

APPENDIX F: SEABIRD OBSERVATION DATA, 2025

Company/Agency	Vessel Name	Survey Date	Species Name	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	Razorbill	1	Fly	No	E	Escape Flight	350
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	Razorbill	1	Water	No	E	Rafting	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	Northern Fulmar	12	Fly	No	B	Other	286
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	Razorbill	3	Fly	No	A	Other	10
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	Razorbill	1	Fly	Yes	A	Other	10
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/3/2025	Razorbill	3	Fly	Yes	B	Other	59
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/4/2025	Razorbill	1	Fly	Yes	B	Escape Flight	300
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/4/2025	Northern Fulmar	1	Water	No	C	Rafting	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/5/2025	Northern Fulmar	2	Fly	Yes	B	Escape Flight	282
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/6/2025	Razorbill	5	Fly	Yes	B	Other	260
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Northern Fulmar	2	Fly	Yes	A	Escape Flight	44
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Northern Fulmar	3	Fly	Yes	A	Other	315
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Northern Fulmar	2	Fly	Yes	A	Other	44
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Northern Fulmar	5	Fly	Yes	A	Other	314
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Northern Fulmar	2	Fly	Yes	A	Other	285
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Dovekie	30	Fly	No		Other	105
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Dovekie	20	Fly	No		Other	105
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Dovekie	20	Fly	No		Other	105
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Dovekie	100	Fly	No		Other	105
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Dovekie	100	Fly	No		Other	105
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Dovekie	100	Fly	Yes	E	Other	105
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Dovekie	150	Fly	Yes	E	Other	105
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Dovekie	80	Fly	No		Other	105
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Dovekie	50	Fly	Yes	D	Other	75
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Dovekie	50	Fly	Yes	D	Other	75
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Dovekie	100	Fly	No		Other	75
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Dovekie	80	Fly	Yes	B	Other	105
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Dovekie	80	Fly	Yes	C	Other	45
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Dovekie	50	Fly	Yes	D	Other	108
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Dovekie	20	Fly	Yes	D	Other	45
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/8/2025	Dovekie	20	Fly	Yes	D	Other	45
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/9/2025	Cackling/Canada Goose	3	Fly	Yes	C	Other	302
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/9/2025	Dovekie	2	Fly	Yes	D	Other	196
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/10/2025	Northern Fulmar	1	Fly	Yes	A	Other	65
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/13/2025	Greater Scaup	4	Fly	No		Other	207
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/13/2025	Greater Scaup	2	Fly	No		Other	275
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/14/2025	Common Murre	50	Fly	Yes	A	Other	119
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/14/2025	Northern Fulmar	30	Fly	Yes	B	Other	210
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/14/2025	Northern Fulmar	2	Fly	Yes	A	Other	119
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/14/2025	Common Murre	1	Fly	Yes	D	Other	200

APPENDIX F: SEABIRD OBSERVATION DATA, 2025

Company/Agency	Vessel Name	Survey Date	Species Name	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/14/2025	Herring Gull	1	Water	Yes	C	Other	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/14/2025	Herring Gull	3	Fly	Yes	C	Other	210
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/14/2025	Black-legged Kittiwake	1	Fly	Yes	B	Other	119
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/14/2025	Herring Gull	12	Fly	Yes	C	Other	119
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/14/2025	Northern Fulmar	4	Fly	Yes	D	Other	119
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/14/2025	Herring Gull	2	Fly	Yes	C	Other	200
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/14/2025	Herring Gull	10	Fly	Yes	B	Other	60
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/15/2025	Northern Fulmar	1	Fly	Yes	A	Escape Flight	45
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/15/2025	Pomarine Jaeger	1	Fly	Yes	A	Escape Flight	45
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/16/2025	Northern Fulmar	1	Fly	Yes	D	Escape Flight	300
Desgagnes Transarctik	NORDIKA DESGAGNÉS	9/16/2025	Pomarine Jaeger	1	Fly	Yes	B	Escape Flight	300
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	Unknown Falcon	2	Fly	Yes	C	Other	315
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	Unknown Falcon	1	Fly	Yes	C	Other	315
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	Glaucous Gull	1	Fly	Yes	C	Other	75
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	9/24/2025	Great Skua	2	Fly	Yes	C	Other	75
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/24/2025	Northern Fulmar	3	Fly	Yes	A	Rafting	
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/24/2025	Red Phalarope	1	Fly	Yes	C	Rafting	325
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/24/2025	Black-legged Kittiwake	1	Fly	Yes	C	Rafting	325
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/24/2025	Northern Fulmar	15	Fly	Yes	A	Rafting	260
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/24/2025	Northern Fulmar	15	Fly	Yes	A	Rafting	260
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/24/2025	Northern Fulmar	15	Fly	Yes	A	Rafting	260
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/24/2025	Northern Fulmar	15	Fly	Yes	A	Rafting	260
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	Northern Fulmar	1	Fly	Yes	D	Rafting	
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	Northern Fulmar	2	Fly	Yes	E	Rafting	
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/25/2025	Pomarine Jaeger	1	Fly	Yes	E	Escape Flight	3
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	Northern Fulmar	1	Fly	Yes	C	Rafting	
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	Herring Gull	2	Fly	Yes	E	Escape Flight	225
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	Great Shearwater	1	Fly	Yes	C	Other	180
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	Great Shearwater	1	Fly	Yes	B	Other	180
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/26/2025	Northern Fulmar	2	Fly	Yes	B	Other	270
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	Northern Fulmar	1	Fly	Yes	B	Rafting	225
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	Glaucous Gull	3	Fly	Yes	B	Other	315
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	Dovekie	1	Fly	Yes	D	Other	180
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	Northern Fulmar	7	Fly	Yes	E	Escape Flight	180
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	Parasitic Jaeger	1		No	C	Other	180
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	Northern Fulmar	20	Fly	Yes	E	Escape Flight	180
Desgagnes Transarctik	ACADIA DESGAGNÉS	9/27/2025	Northern Fulmar	3	Fly	Yes	C	Rafting	180
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/5/2025	Northern Fulmar	5	Fly	Yes	B	Other	90
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/5/2025	Razorbill	3	Fly	Yes	A	Other	293
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/5/2025	Razorbill	4	Fly	Yes	B	Other	300

APPENDIX F: SEABIRD OBSERVATION DATA, 2025

Company/Agency	Vessel Name	Survey Date	Species Name	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	Razorbill	5	Fly	Yes	B	Escape Flight	180
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	Northern Fulmar	1	Fly	Yes	C	Other	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	Razorbill	1	Fly	Yes	B	Escape Flight	180
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	Razorbill	3	Fly	Yes	C	Other	180
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/7/2025	Razorbill	1	Fly	Yes	C	Other	300
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/8/2025	Razorbill	3	Fly	Yes	B	Other	310
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/8/2025	Northern Fulmar	5	Fly	Yes	C	Rafting	
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/8/2025	Northern Fulmar	1	Fly	Yes	B	Rafting	
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/8/2025	Northern Fulmar	3	Fly	Yes	B	Rafting	
Desgagnes Transarctik	ACADIA DESGAGNÉS	10/8/2025	Northern Fulmar	1	Water	Yes	D	Other	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/11/2025	Glaucous Gull	3	Fly		A	Other	270
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/11/2025	Unknown Gull	1	Fly		A	Other	270
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/12/2025	Northern Fulmar	2	Fly		A	Other	270
Coastal Shipping Ltd	KIVALLIQ W	10/12/2025	Unknown Gull	3	Fly	No	B	Other	310
Coastal Shipping Ltd	KIVALLIQ W	10/12/2025	Unknown Gull	3	Fly	No	B	Other	310
Coastal Shipping Ltd	KIVALLIQ W	10/12/2025	Unknown Gull	1	Fly	No	B	Other	310
Coastal Shipping Ltd	KIVALLIQ W	10/12/2025	Unknown Gull	2	Water	No	B	Other	
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/13/2025	Iceland Gull	5	Fly		A	Other	135
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/13/2025	Iceland Gull	2	Fly		A	Other	270
Coastal Shipping Ltd	KIVALLIQ W	10/14/2025	Unknown Ptarmigan	1		No	A		
Coastal Shipping Ltd	KIVALLIQ W	10/14/2025	Unknown Ptarmigan	1		No	A		0
Coastal Shipping Ltd	KIVALLIQ W	10/14/2025	Unknown Ptarmigan	1		No	A		
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	Great Skua	1	Fly	Yes	A	Other	190
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	Gadwell	1	Fly	Yes	A	Other	100
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/16/2025	Dovekie	15	Fly	Yes	C	Other	270
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/16/2025	Iceland Gull	4	Fly		A	Other	0
Desgagnes Transarctik	MARCELLIN A DESGAGNÉS	10/17/2025	Wilson's Storm-petrel	5	Fly	Yes	A	Other	258
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/17/2025	Northern Fulmar	1	Fly	Yes	A		298
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	10/19/2025	Unknown Ptarmigan	4	Fly	Yes	A	Other	279
Desgagnes Transarctik	NORDIKA DESGAGNÉS	10/21/2025	Razorbill	3	Fly	Yes	B	Other	90
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/22/2025	Bonaparte's gull	1		Yes	A		
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/22/2025	Bonaparte's gull	1	Fly	Yes	A	Escape Flight	200
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/22/2025	Northern Fulmar	1	Fly	Yes	B		110
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/22/2025	Manx Shearwater	1	Fly	Yes	B	Escape Flight	0
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/22/2025	Leach's Storm-petrel	3	Fly	Yes	D		0
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/22/2025	Northern Fulmar	1	Fly	Yes	C	Rafting	200
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/22/2025	Northern Fulmar	1	Fly	Yes	B		0
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/22/2025	Common Murre	12	Water	Yes	C	Rafting	
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/22/2025	Northern Fulmar	1	Fly	Yes	E		293
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/22/2025	Northern Fulmar	1	Fly	Yes	D		150

APPENDIX F: SEABIRD OBSERVATION DATA, 2025

Company/Agency	Vessel Name	Survey Date	Species Name	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/22/2025	Bonaparte's gull	1		Yes	A		
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/22/2025	Common Murre	3	Fly	Yes	C		0
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/23/2025	Northern Fulmar	1	Fly	Yes	C		290
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/23/2025	Northern Fulmar	10	Fly	Yes	A		0
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/24/2025	Thick-billed Murre	7	Fly	Yes	C		0
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/24/2025	Iceland Gull	1	Fly	Yes	D		280
Coastal Shipping Ltd	KIVALLIQ W	10/24/2025	Unknown Gull	3	Water	No	B		
Coastal Shipping Ltd	KIVALLIQ W	10/24/2025	Unknown Gull	2	Water	No	C		
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/25/2025	Herring Gull	1	Fly	Yes	D	Other	0
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/25/2025	Iceland Gull	2	Fly	No			145
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/25/2025	Iceland Gull	1	Fly	Yes	D		0
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/25/2025	Iceland Gull	1	Fly	No			45
Coastal Shipping Ltd	KIVALLIQ W	10/25/2025	American Crow	2		No	B	Other	
Coastal Shipping Ltd	KIVALLIQ W	10/25/2025	American Crow	2		No	B	Other	
Coastal Shipping Ltd	KIVALLIQ W	10/25/2025	American Crow	2		No	B	Other	
Coastal Shipping Ltd	KIVALLIQ W	10/25/2025	American Crow	2		No	B	Other	
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/26/2025	Great Cormorant	1	Fly	Yes	A	Escape Flight	300
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/26/2025	Iceland Gull	1	Fly	No			180
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/26/2025	Iceland Gull	11		Yes	C	Other	
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/26/2025	Iceland Gull	1	Fly	Yes	C		180
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/26/2025	Iceland Gull	2	Fly	Yes	B	Rafting	180
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/26/2025	Iceland Gull	3	Fly	Yes	A		270
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/26/2025	Northern Fulmar	1	Fly	Yes	C	Rafting	225
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/26/2025	Glaucous Gull	1	Fly	Yes	C	Other	60
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/27/2025	Glaucous Gull	1	Fly	Yes	D	Other	65
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/28/2025	Glaucous Gull	1	Fly	Yes	D	Other	335
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/28/2025	Iceland Gull	1	Fly	Yes	C	Other	65
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/28/2025	Glaucous Gull	1	Fly	Yes	D	Other	20
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/28/2025	Iceland Gull	1	Fly	No		Other	20
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/28/2025	Iceland Gull	1	Fly	Yes	E	Other	20
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/28/2025	Black Scoter	2	Fly	Yes	D	Other	20
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/28/2025	Iceland Gull	1	Fly	No		Other	90
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/30/2025	Glaucous Gull	1	Fly	Yes	A	Other	15
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/30/2025	Iceland Gull	5	Fly	Yes	C	Other	45
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/30/2025	Leach's Storm-petrel	5	Fly	Yes	E	Rafting	15
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/31/2025	Iceland Gull	2	Fly	Yes	E	Other	300
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/31/2025	Iceland Gull	2	Fly	Yes	E	Other	300
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/31/2025	Leach's Storm-petrel	5	Fly	Yes	D	Escape Flight	120
Desgagnes Transarctik	SEDNA DESGAGNÉS	10/31/2025	Glaucous Gull	1	Fly	Yes	D	Other	270
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	11/1/2025	Razorbill	3	Fly	No	B	Other	100

APPENDIX F: SEABIRD OBSERVATION DATA, 2025

Company/Agency	Vessel Name	Survey Date	Species Name	Count	Observation Type	In Transect?	Distance Category	Behaviour	Flight Direction
Desgagnes Transarctik	ANNETTE A DESGAGNÉS	11/1/2025	Snowy Owl	2		No	B	Other	
Coastal Shipping Ltd	QIKIQTAAALUK W	11/6/2025	Rock Ptarmigan	1		No		Other	
Coastal Shipping Ltd	QIKIQTAAALUK W	11/14/2025	Common Eider	5	Fly	No		Other	0
Coastal Shipping Ltd	QIKIQTAAALUK W	11/15/2025	Common Eider	60	Fly	Yes		Other	360
Coastal Shipping Ltd	QIKIQTAAALUK W	11/16/2025	Common Eider	6	Fly	No		Other	180
Coastal Shipping Ltd	QIKIQTAAALUK W	11/18/2025	Common Eider	4	Water	No		Other	
Coastal Shipping Ltd	QIKIQTAAALUK W	11/19/2025	Common Eider	12	Water	No		Other	

APPENDIX G SEABIRD DISTANCE ANALYSIS— TOP THREE AKAIKE'S INFORMATION CRITERION-RATED DISTANCE MODELS AND MOVING VESSEL SURVEYS

APPENDIX G: SEABIRD DISTANCE ANALYSIS—TOP THREE AKAIKE’S INFORMATION
CRITERION-RATED DISTANCE MODELS AND MOVING VESSEL SURVEYS

Year	Model Key and Adjustment	Detection Estimate	Detection SE ¹	Δ AIC ²
All Years	Hazard-rate with all adjustments	0.441	0.013	0
	Uniform with cosine adjustment	0.424	0.009	18.368
	Unifrom with polynomial adjustment	0.412	0.021	20.789
2019	Half-normal with cosine adjustment	0.307	0.022	0.000
	Uniform with cosine adjustment	0.327	0.026	0.448
	Hazard-rate, hrtmite adjustment	0.322	0.034	0.628
2020	Hazard-rate with hermite adjustment	0.317	0.04	0.000
	Half-normal with polynomial adjustment	0.376	0.183	14.978
	Half-normal with hermite adjustment	0.409	0.021	17.618
2021	Hazard-rate, cosine adjustment	0.432	0.021	0.000
	Unifrom with cosine adjustment	0.407	0.016	0.525
	Half normal with cosine adjustment	0.415	0.031	1.724
2022	Hazard-rate with polynomial adjustment	0.497	0.029	0.000
	Uniform with cosine adjustment	0.461	0.022	7.735
	Half-normal with cosine adjustment	0.505	0.018	12.76
2023	Hazard-rate with cosine adjustment	0.441	0.042	0.000
	Half-normal with cosine adjustment	0.408	0.034	0.426
	Half-normal with hermite adjustment	0.484	0.025	3.558
2024	Half-normal with no adjustment	0.517	0.039	0
	Uniform with cosine adjustment	0.533	0.024	0.064
	Hazard-rate with no adjustment	0.523	0.059	3.534
2025	Half-normal with no adjustment	0.444	0.022	9.312
	Uniform with cosine adjustment	0.420	0.024	9.002
	Hazard-rate with all adjustments	0.449	0.031	0.000

Notes:

¹ Standard Error (SE)

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

APPENDIX H INCIDENTAL OBSERVATIONS OF SEABIRD SPECIES, 2025

APPENDIX H: INCIDENTAL OBSERVATIONS OF SEABIRD SPECIES, 2025

Species Name	Count
Arctic Tern	1
Black Guillemot	6
Cackling/Canada Goose	35
Common Eider	22
Common Murre	60
Dovekie	15
Glaucous Gull	40
Herring Gull	197
Leach's Storm-petrel	1
Northern Fulmar	75
Razorbill	68
Red Phalarope	1
Rock Ptarmigan	220
Sandhill Crane	5
Snow Goose	1692
Unknown gull	10
Unknown bird	5



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