

OTN arctic survey 2025 – Proposed logistical plan

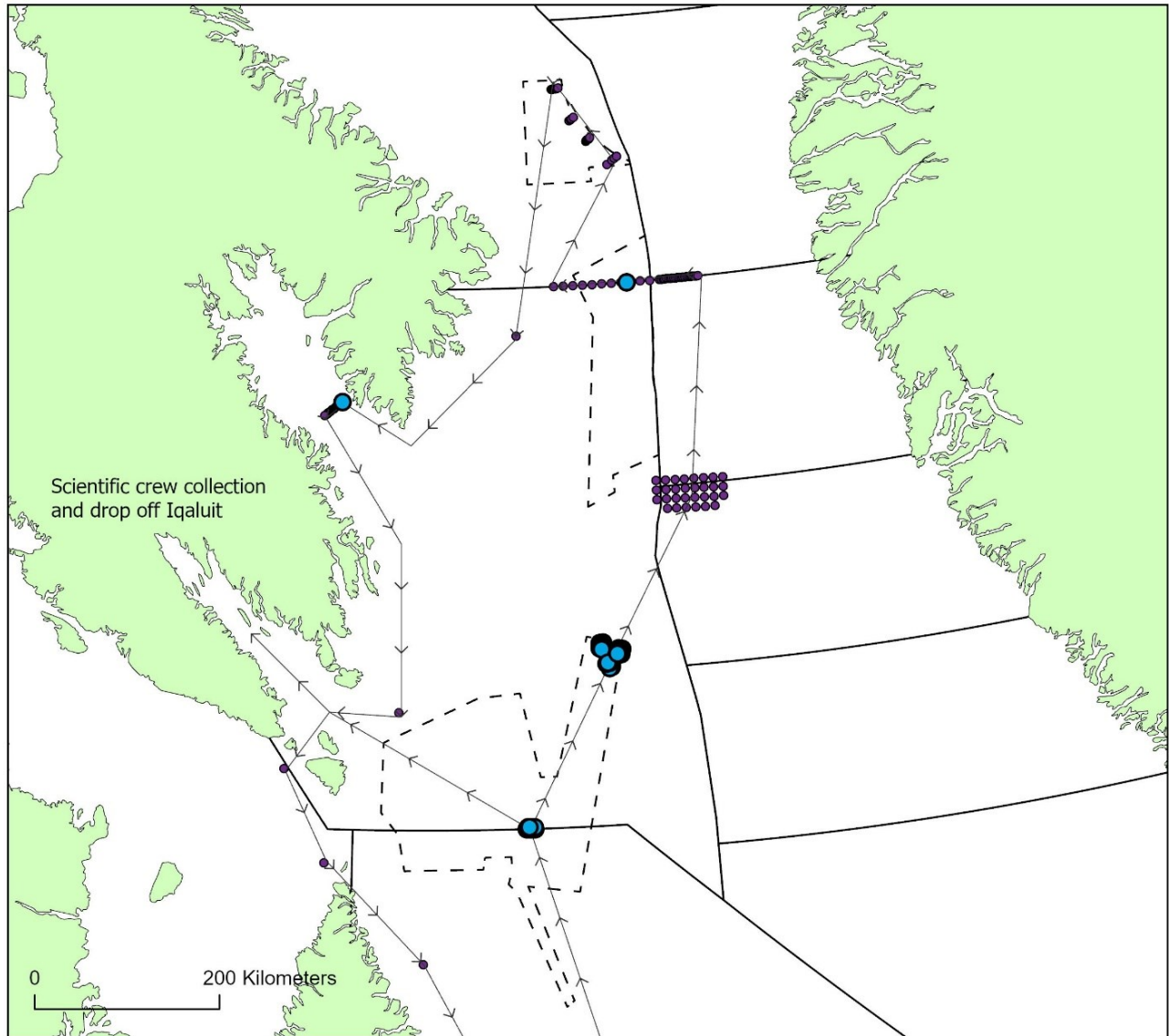


Figure 1: proposed survey route for OTN arctic survey 2025 (dashed line).

Table 1: proposed timeline for 2025 OTN arctic survey

Date	est start time	Project Day	Location	Activity	Duration (hours)	Assumed travel speed (knotts)
2025-08-10			OB-2G	Kiviak crew deploy fishing set at OB-2G line		
2025-08-10	9:00			Transit to Iqaluit to pickup scientific crew	36	8
2025-08-11	21:00	1	Iqaluit	Arrive Iqaluit, NU. Kiviak pickup scientific crew		
2025-08-11	22:00	1		Transit to OB-2G line. Scientific crew assemble Ob-2G mooring array	36	8
2025-08-13	10:00	3	OB-2G	Deploy OB-2G receiver array	2	5
2025-08-13	11:00	3		Pickup fishing line tag fish OB-2G line. Tag subset of 30 fish	3	
2025-08-13	14:00	3		Transit to Hatton Basin		
2025-08-14	7:00	4		Deploy HB array one (10 moorings) & set fishing line in the middle of array	3	5
2025-08-14	10:00	4		Transit to HB two array	1.5	5
2025-08-14	11:30	4		Deploy HB array two (10 moorings) & set fishing line in the middle of array	3	5
2025-08-14	14:30	4		Transit to HB three array	1.5	5
2025-08-14	16:00	4		Deploy HB array three (10 moorings) & set fishing line in the middle of array	3	5
				Return to HB array one. Pickup fishing line (24 hr soak)		
2025-08-15	8:00	5	Hatton Basin	Acoustic tag (n=30). MrPAT all available (n=19). Floy tag remaining fish	5	5
2025-08-16	13:00	5		Transit to HB two array	1.5	5
				Return to HB array two. Pickup fishing line (24 hr soak)		
2025-08-16	14:30	5		Acoustic tag (n=30). Floy tag remaining fish	3	5
2025-08-16	17:30	5		Transit to HB two array	1.5	5
				Return to HB array three. Pickup fishing line (24 hr soak)		
2025-08-16	19:00	5		Acoustic tag (n=30). Floy tag remaining fish (3 hours)	3	5
2025-08-16	22:00	5		Transit to spawning ground	12	8
2025-08-17	10:00	6	SPG	Turnover spawning ground	4 days	5
2025-08-21	17:00	10		Transit to OA-OB line (greenland side)	16	8

2025-08-22	19:00	11	OA-OB line	Turnover OA-OB line (greenland side)	1	5
2025-08-23	8:00	12		Turnover OA-OB line (greenland side)	7	5
2025-08-23	15:00	12		Transit to OA-OB line (canada side)	1	5
2025-08-23	16:00	12		Turnover OA-OB line (canada side)	4	5
2025-08-24	8:00	13		Turnover OA-OB line (canada side)	7	5
2025-08-24	15:00	13		Transit to Diskofan	11	8
2025-08-25	14:00	14	Diskofan	Set fishing line. Turnover Diskofan south.	5	5
2025-08-26	8:00	15		Whale biologging attachement, biopsy collection	24	5
2025-08-27	8:00	15		pickup fishing line. Tag fish. Turn over remaining moorings diskofan south.	5	5
2025-08-27	13:00	15		Transit to Diskofan North	5	8
2025-08-27	18:00	15		Turn over moorings. Set fishing line	5	5
2025-08-28	8:00	16		Whale biologging attachement, biopsy collection	24	5
2025-08-29	8:00	17		Pickup fishing line. Tag fish	3	5
2025-08-29	11:00	17		Transit to SFA2 North	20	8
2025-08-30	19:00	18	SFA2 North	Deploy SFA2 North (check if old mooring is responsive)	1	
2025-08-30	20:00	18		Transit to cumberland sound	17	8
2025-08-31	13:00	19	Cumberland sound	Turnover cumberland sound moorings	6	5
2025-09-01	8:00	20		Turnover cumberland sound moorings	12	5
2025-09-01	20:00	20		Transit to SFA2-South	24	8
2025-09-02	20:00	21	SFA_2	Turnover SFA2 South	1	
2025-09-02	21:00	21		Transit to Iqaluit (scientific crew drop off)	22	
2025-09-03	19:00	22	Iqaluit	Scientific crew drop off	20	
2025-09-04	Kiviak crew service WA2_north, WA2_south, SFA4. Travel home					