

ASAMM-Beaufort – Flight 10 – 7 August 2017

Area flown: Block 4, 3 complete and 1 partial transects; block 6, 1 complete transect and 2 partial transects

Total hours flown: 3.1

Total transect hours: 1.4

Number of bowhead whales seen: 14 (1 calf)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1 to 3. Visibility ranged from 0 km to unlimited, with fog, glare, and precipitation. There was no sea ice in the area surveyed. Widespread fog precluded additional transect effort.

Sightings: Bowhead whales and small unidentified pinnipeds.

Preliminary Summary, Flight 10 Date: Monday, August 07, 2017

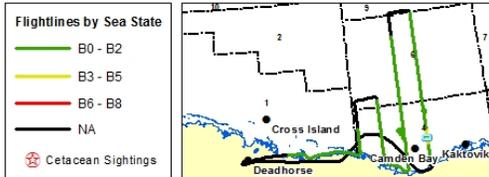
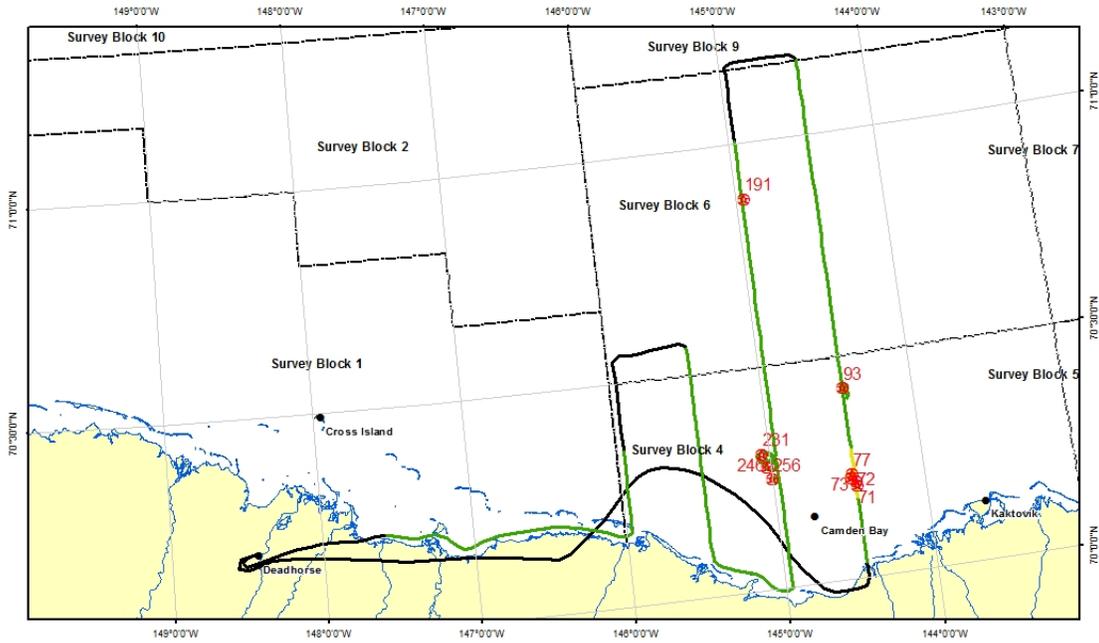
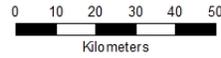
Total bowhead whales: 14	Start time: 8/7/2017 3:19:55 PM	End time: 8/7/2017 6:26:41 PM
Bowhead whale sightings: 9	Transect minutes: 82	Transect km: 310.6
Bowhead whales on transect: 13	Circling minutes: 23	Circling km: 70.9
Bowhead whale calves: 1	Trans+Circ minutes: 105	Trans+Circ km: 381.5
Bowhead whale calves on transect: 1	Search minutes: 26	Search km: 88.7
Bowhead whale repeats: 0	Total minutes: 186	Total km: 780.3
Possible repeats: 0	Deadhead minutes: 55	Deadhead km: 310.1
Total gray whales: 0	Search blocks: 1,4,6,9	
Total belugas: 0	Transect blocks: 4,6	
Other whale sightings: 0		
walrus: no		
Total polar bears: 0		

Cetacean Sightings:

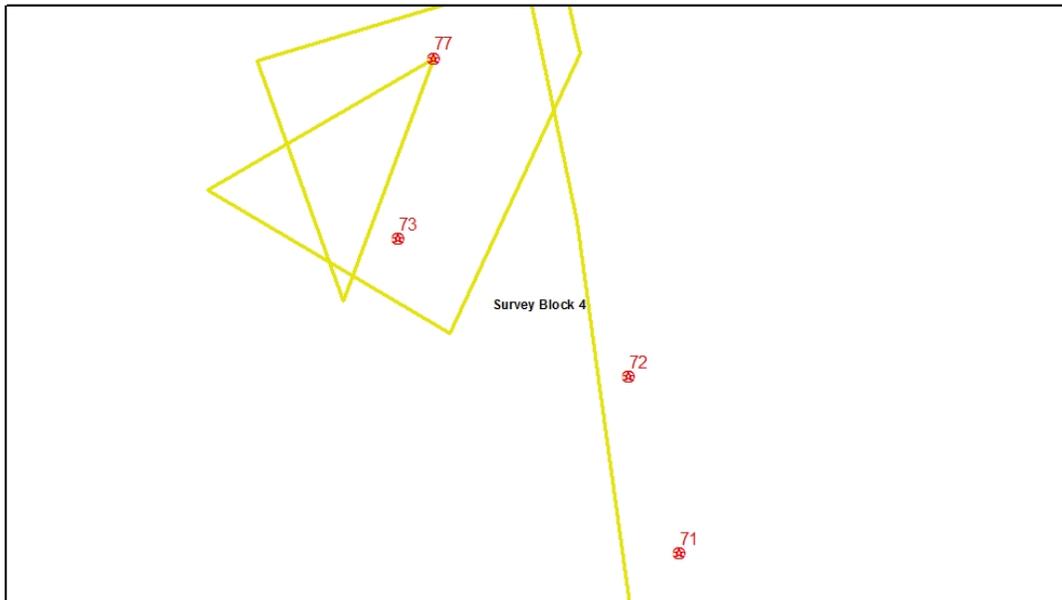
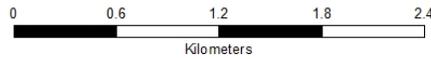
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
71	70.21	-144.46	4	bowhead whale	1	0	swim	60	True
72	70.22	-144.46	4	bowhead whale	1	0	swim	30	True
73	70.22	-144.46	4	bowhead whale	4	0	mill	-1	True
77	70.23	-144.47	4	bowhead whale	1	0	swim	-1	False
93	70.43	-144.46	4	bowhead whale	2	1	swim	180	True
191	70.88	-144.96	6	bowhead whale	1	0	swim	210	True
231	70.3	-144.96	4	bowhead whale	1	0	rest	-1	True
246	70.27	-144.96	4	bowhead whale	2	0	mill	-1	True
256	70.25	-144.96	4	bowhead whale	1	0	rest	-1	True



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Aerial Surveys of Arctic Marine Mammals Program
Flight 10, 8/7/2017 3:19:55 PM



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Aerial Surveys of Arctic Marine Mammals Program
Flight 10, High Density Cluster 1, 8/7/2017





Bowhead whale cow-calf pair observed approximately 50 km east of Kaktovik, Alaska (event 93), during ASAMM-Beaufort Flight 10, 7 August 2017. We nicknamed this calf “peanut”. Tiny and adorable. Which I suppose is not how most people would describe peanuts....



Rows of fog observed during ASAMM-Beaufort Flight 10, 7 August 2017. Eventually, these rows became solid, but they were honestly very beautiful!