

## ASAMM-Beaufort – Flight 11 – 9 August 2017

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

Total hours flown: 4.5

Total transect hours: 2.4

Number of bowhead whales seen: 9 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1 to 4. Visibility ranged from 0 km to unlimited, with low ceilings and precipitation. Sea ice ranged from 0 to 10 percent broken floe in the area surveyed. Low ceilings precluded additional transect effort.

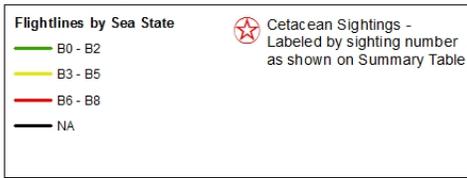
Sightings: Bowhead whales, polar bears, and small unidentified pinnipeds. Most of the polar bears were on barrier islands or shore. Two of the polar bears were swimming within 1 km of a barrier island.

### Preliminary Summary, Flight 11 Date: Wednesday, August 09, 2017

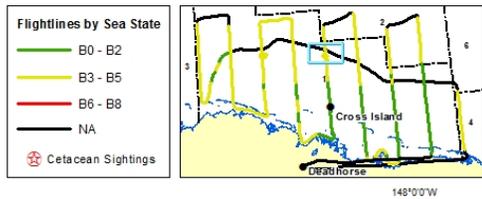
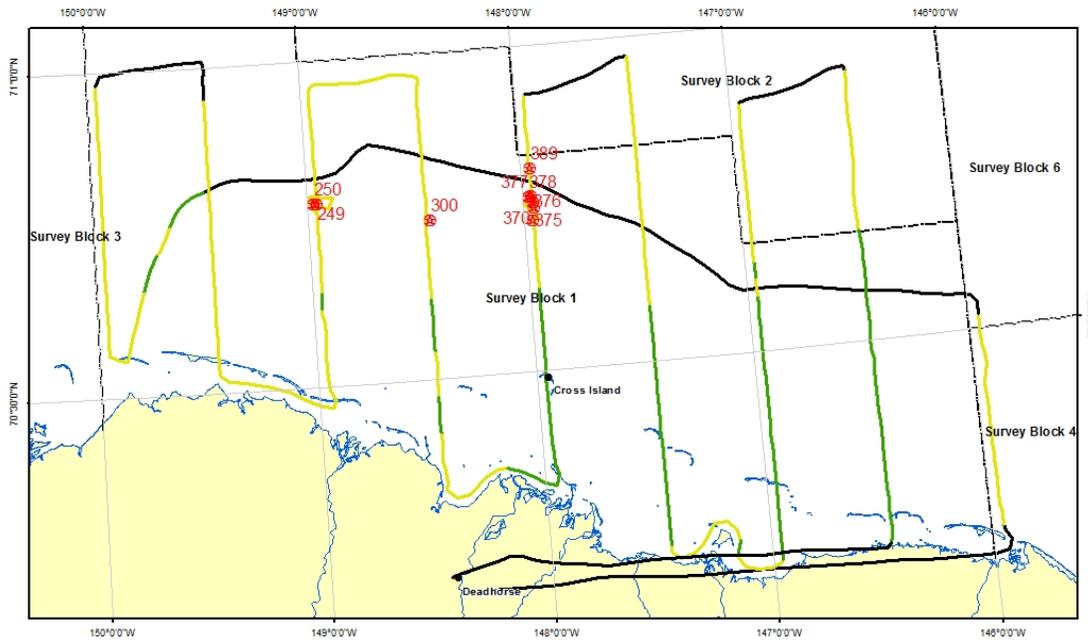
Total bowhead whales: 9	Start time: 8/9/2017 9:52:52 AM	End time: 8/9/2017 2:20:06 PM
Bowhead whale sightings: 9	Transect minutes: 146	Transect km: 542
Bowhead whales on transect: 5	Circling minutes: 10	Circling km: 32.3
Bowhead whale calves: 0	Trans+Circ minutes: 156	Trans+Circ km: 574.3
Bowhead whale calves on transect: 0	Search minutes: 35	Search km: 151.1
Bowhead whale repeats: 0	Total minutes: 267	Total km: 1102.8
Possible repeats: 0	Deadhead minutes: 76	Deadhead km: 377.4
Total gray whales: 0	Search blocks: 1,2,6	
Total belugas: 0	Transect blocks: 1,2,4	
Other whale sightings: 0		
walrus: no		
Total polar bears: 26		

### Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
249	70.78	-148.96	1	bowhead whale	1	0	swim	89	True
250	70.78	-148.96	1	bowhead whale	1	0	rest	-1	True
300	70.75	-148.45	1	bowhead whale	1	0	dive	272	True
370	70.73	-147.96	1	bowhead whale	1	0	swim	30	True
375	70.75	-147.95	1	bowhead whale	1	0	swim	-1	False
376	70.76	-147.95	1	bowhead whale	1	0	swim	-1	False
377	70.77	-147.96	1	bowhead whale	1	0	swim	-1	False
378	70.77	-147.97	1	bowhead whale	1	0	swim	239	False
389	70.81	-147.96	1	bowhead whale	1	0	rest	-1	True



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Aerial Surveys of Arctic Marine Mammals Program  
Flight 11, 8/9/2017 9:52:52 AM



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Aerial Surveys of Arctic Marine Mammals Program  
Flight 11, High Density Cluster 1, 8/9/2017

