

ASAMM-Beaufort – Flight 38 – 1 October 2017

Area flown: Block 1, 5 partial transects; coastal search effort in block 1.

Total hours flown: 2.7

Total transect hours: 0.8

Number of bowhead whales seen: 8 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1 to 3. Visibility ranged from 0 to 10 km, with glare, fog, and low ceilings. Sea ice ranged from 0 to 45 percent grease/new ice in the area surveyed. Low ceilings, fog, and diminishing daylight precluded additional survey effort. Flightlines south of Deadhorse were flown during an attempt to conduct a field-of-view experiment, which was aborted due to strong winds.

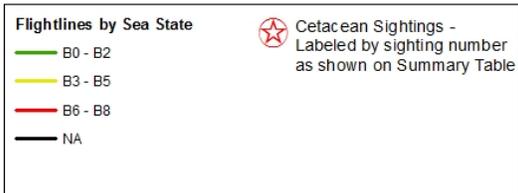
Sightings: Bowhead whales, one small unidentified pinniped, and polar bears. The polar bears were all along the shoreline or on Cross Island.

Preliminary Summary, Flight 38 Date: Sunday, October 01, 2017

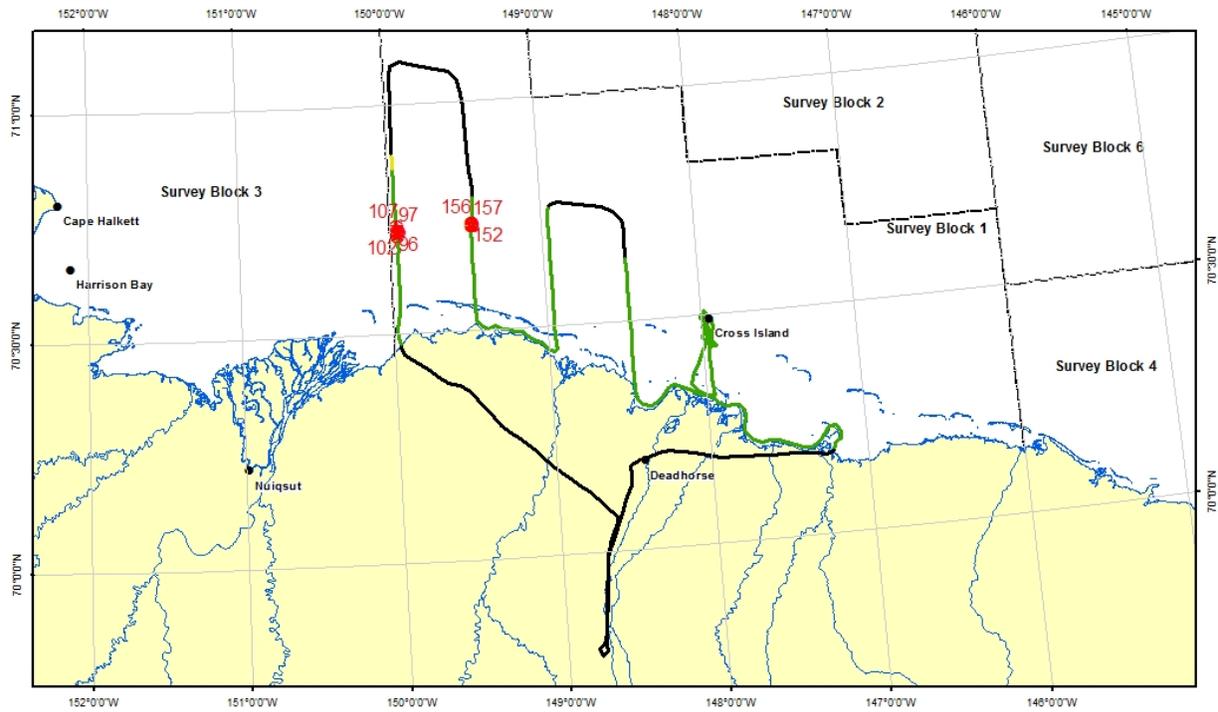
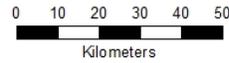
Total bowhead whales: 8	Start time: 10/1/2017 4:41:02 PM	End time: 10/1/2017 7:21:12 PM
Bowhead whale sightings: 8	Transect minutes: 46	Transect km: 158.8
Bowhead whales on transect: 4	Circling minutes: 17	Circling km: 42.6
Bowhead whale calves: 0	Trans+Circ minutes: 63	Trans+Circ km: 201.4
Bowhead whale calves on transect: 0	Search minutes: 34	Search km: 125
Bowhead whale repeats: 0	Total minutes: 160	Total km: 623.6
Possible repeats: 0	Deadhead minutes: 64	Deadhead km: 297.2
Total gray whales: 0	Search blocks: 1	
Total belugas: 0	Transect blocks: 1	
Other whale sightings: 0		
walrus: no		
Total polar bears: 29		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
96	70.71	-149.95	1	bowhead whale	1	0	swim	267	True
97	70.72	-149.96	1	bowhead whale	1	0	rest	-1	True
100	70.72	-149.94	1	bowhead whale	1	0	breach	-1	False
102	70.72	-149.96	1	bowhead whale	1	0	rest	-1	False
107	70.73	-149.96	1	bowhead whale	1	0	swim	277	True
152	70.73	-149.46	1	bowhead whale	1	0	breach	-1	True
156	70.73	-149.46	1	bowhead whale	1	0	breach	-1	False
157	70.73	-149.46	1	bowhead whale	1	0	rest	-1	False



NOAA/AFSC/MML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 38, 10/1/2017 4:41:02 PM



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 NOAA/NMFS/AFSC/MML
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Polar bears sighted on Cross Island, Alaska, during ASAMM-Beaufort Flight 38, 1 October 2017.