

ASAMM-Beaufort – Flight 13 – 15 August 2017

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

Total hours flown: 4.4

Total transect hours: 2.6

Number of bowhead whales seen: 3 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2 to 5. Visibility ranged from 0 km to unlimited, with low ceilings and glare. There was no sea ice in the area surveyed.

Sightings: Bowhead whales, belugas (including 1 calf), polar bears (including 2 cubs), one bearded seal, and small unidentified pinnipeds. One polar bear was resting in open water approximately 11 km from shore in an area of no sea ice.

Preliminary Summary, Flight 13 Date: Tuesday, August 15, 2017

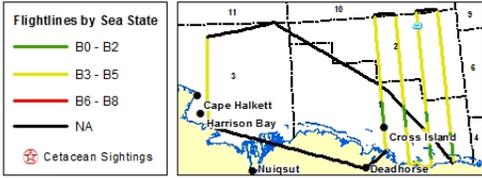
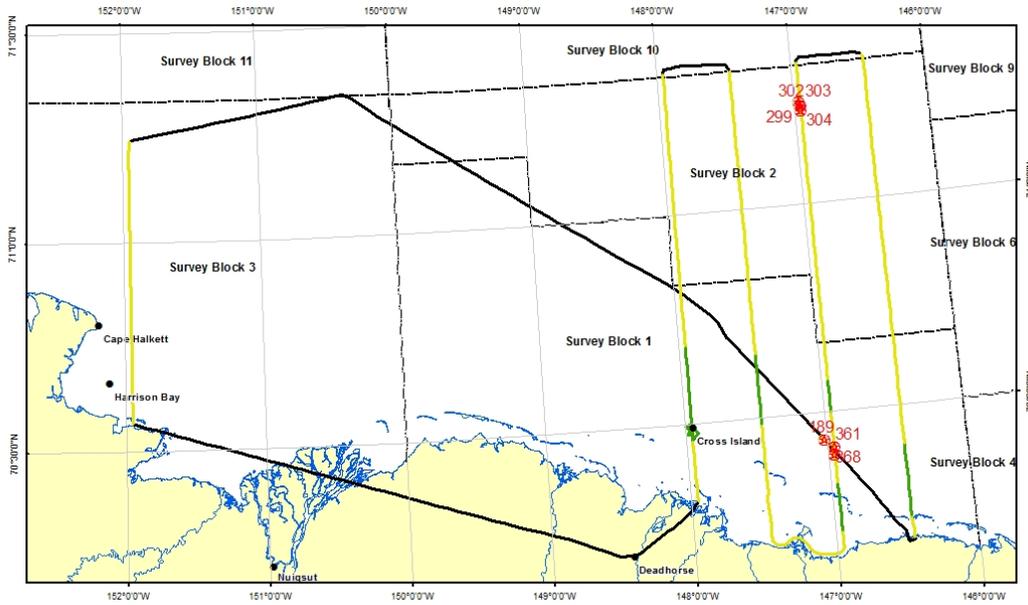
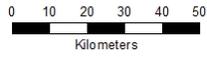
Total bowhead whales: 3	Start time: 8/15/2017 3:25:06 PM	End time: 8/15/2017 7:46:15 PM
Bowhead whale sightings: 3	Transect minutes: 156	Transect km: 573.6
Bowhead whales on transect: 1	Circling minutes: 7	Circling km: 19.7
Bowhead whale calves: 0	Trans+Circ minutes: 163	Trans+Circ km: 593.3
Bowhead whale calves on transect: 0	Search minutes: 8	Search km: 28.9
Bowhead whale repeats: 0	Total minutes: 261	Total km: 1071.9
Possible repeats: 2	Deadhead minutes: 90	Deadhead km: 449.7
Total gray whales: 0	Search blocks: 1,3,10	
Total belugas: 5	Transect blocks: 1,2,3,10	
Other whale sightings: 0		
walrus: no		
Total polar bears: 22		

Cetacean Sightings:

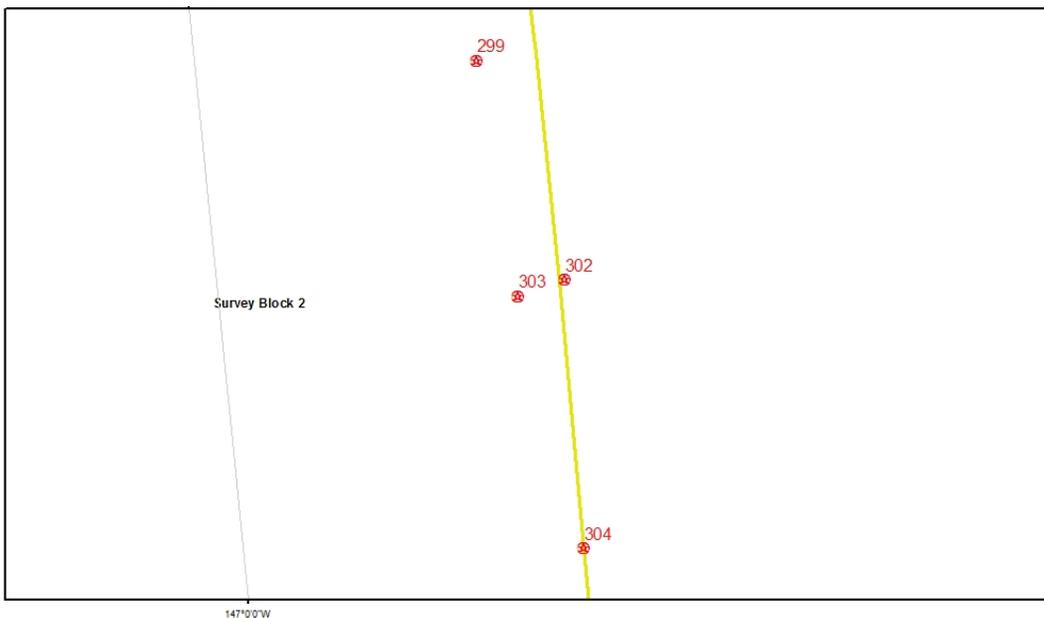
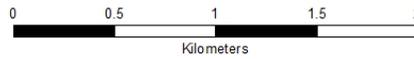
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
189	70.43	-147.02	1	bowhead whale	1	0	swim	322	False
299	71.24	-146.95	2	beluga	1	0	swim	299	True
302	71.23	-146.95	2	beluga	2	1	swim	360	True
303	71.23	-146.95	2	beluga	1	0	swim	360	True
304	71.22	-146.95	2	beluga	1	0	swim	360	True
361	70.41	-146.95	1	bowhead whale	1	0	swim	-1	False
368	70.4	-146.96	1	bowhead whale	1	0	swim	87	True



NOAA/FSC/MML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 13, 8/15/2017 3:25:06 PM



NOAA/FSC/MML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 13, High Density Cluster 1, 8/15/2017





Several polar bears observed resting in and around the bone pile on Cross Island, Alaska, during ASAMM-Beaufort Flight 13, 15 August 2017.



This polar bear is getting a little afternoon siesta help from a friend (log), observed on Cross Island, Alaska, during ASAMM-Beaufort Flight 13, 15 August 2017.



With toes in the sand, this polar bear on Cross Island, Alaska, looks full and content and enjoying the sea view, or perhaps scanning the open water hoping for food to swim by on this overcast day (observed during ASAMM-Beaufort Flight 13, 15 August 2017).