

ASAMM-Beaufort – Flight 37 – 19 September 2016

Area flown: Block 12, 6 partial transects.

Total hours flown: 4.6

Total transect hours: 1.9

Number of bowhead whales seen: 22 (0 calves)

Weather and visibility: Skies were partly cloudy. Sea state ranged from Beaufort 1 to 6.

Visibility ranged from <1 km to unlimited with low ceilings, haze, and glare. Sea ice ranged from 0 to 80 percent broken floe ice in the area surveyed. High sea states precluded further survey effort.

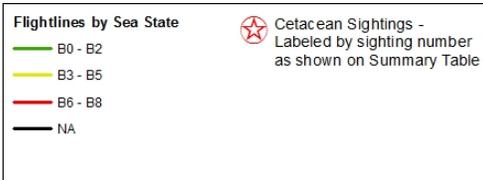
Sightings: Bowhead whales, gray whales, 1 beluga, walrus, 1 unidentified pinniped, small unidentified pinnipeds, and polar bears. One polar bear was swimming next to shore on the western edge of Smith Bay, 1 polar bear was swimming approximately 9 km from the eastern edge of Dease Inlet, 1 polar bear was at a kill site on broken floe ice approximately 7 km northeast of Point Barrow, and 1 polar bear was at a kill site on broken floe ice approximately 4 km northwest of the town of Barrow.

Preliminary Summary, Flight 37 Date: Monday, September 19, 2016

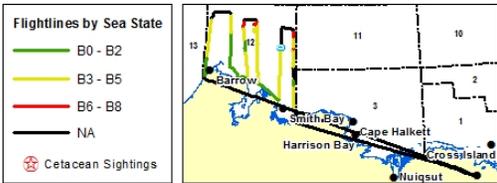
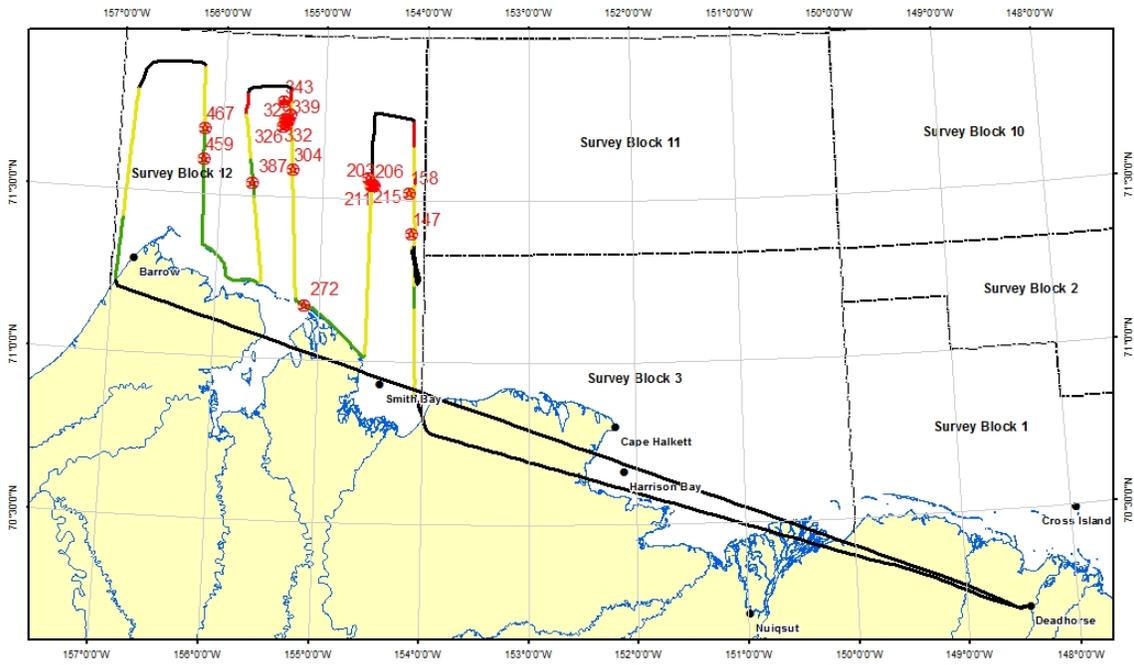
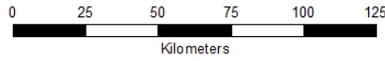
Total bowhead whales: 22	Start time: 9/19/2016 2:31:41 PM	End time: 9/19/2016 7:08:57 PM
Bowhead whale sightings: 19	Transect minutes: 114	Transect km: 418.8
Bowhead whales on transect: 12	Circling minutes: 23	Circling km: 63.1
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 137	Trans+Circ km: 481.9
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 17	Search km: 62.1
Bowhead whale repeats: 0	Total minutes: 277	Total km: 1211.3
Possible repeats: 0	Deadhead minutes: 123	Deadhead km: 667.3
Total gray whales: 4	Search blocks: 12	
Total belugas: 1	Transect blocks: 12	
Other whale sightings: 0		
walrus: yes		
Total polar bears: 4		

Cetacean Sightings

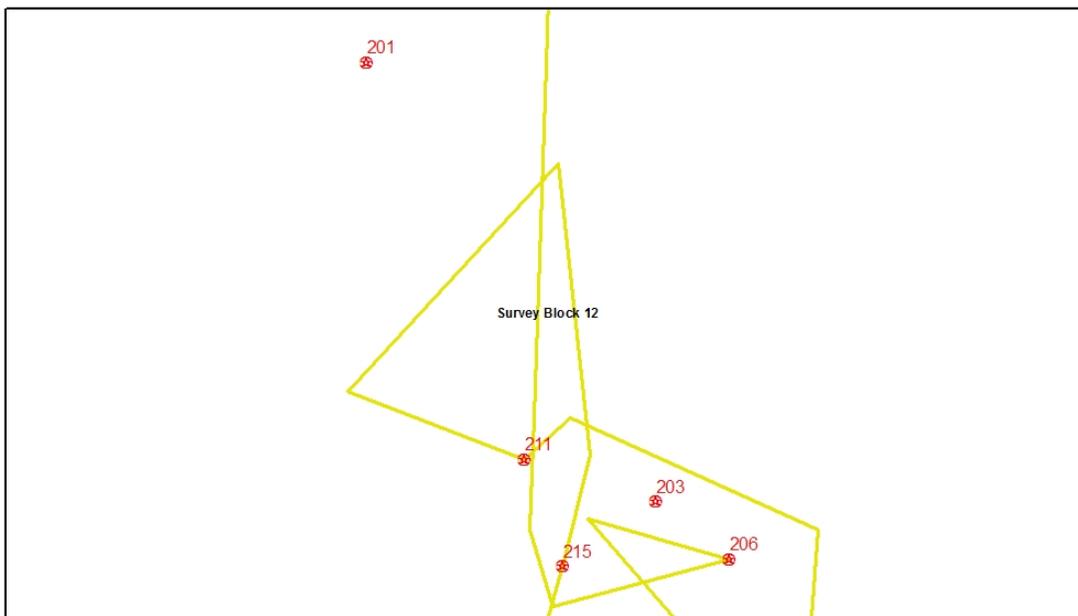
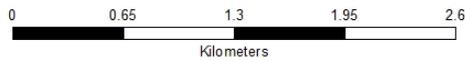
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
147	71.4	-154.11	12	bowhead whale	1	0	swim	-1	True
158	71.52	-154.11	12	bowhead whale	1	0	swim	300	True
201	71.57	-154.53	12	bowhead whale	1	0	swim	271	True
203	71.54	-154.53	12	bowhead whale	2	0	mill	-1	True
206	71.54	-154.5	12	bowhead whale	1	0	swim	-1	False
211	71.55	-154.53	12	bowhead whale	1	0	swim	-1	False
215	71.54	-154.52	12	bowhead whale	1	0	swim	-1	False
272	71.17	-155.14	12	beluga	1	0	swim	315	False
304	71.59	-155.31	12	bowhead whale	1	0	rest	-1	True
319	71.74	-155.34	12	bowhead whale	2	0	rest	-1	True
321	71.74	-155.37	12	bowhead whale	1	0	swim	-1	False
322	71.74	-155.37	12	bowhead whale	1	0	swim	-1	False
325	71.74	-155.39	12	bowhead whale	1	0	swim	-1	False
326	71.73	-155.39	12	bowhead whale	1	0	swim	-1	False
329	71.72	-155.38	12	bowhead whale	1	0	swim	-1	False
332	71.72	-155.41	12	bowhead whale	2	0	swim	-1	False
339	71.75	-155.34	12	bowhead whale	1	0	swim	86	True
343	71.8	-155.35	12	bowhead whale	1	0	swim	-1	True
387	71.54	-155.68	12	gray whale	4	0	swim	-1	True
459	71.61	-156.17	12	bowhead whale	1	0	swim	208	True
467	71.7	-156.18	12	bowhead whale	1	0	swim	88	True



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Aerial Surveys of Arctic Marine Mammals Program
Flight 37, 9/19/2016 2:20:46 PM



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Aerial Surveys of Arctic Marine Mammals Program
Flight 37, High Density Cluster 1, 9/19/2016





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 Aerial Surveys of Arctic Marine Mammals Program
 Flight 37, High Density Cluster 2, 9/19/2016

