

ASAMM-Beaufort – Flight 25 – 3 September 2016

Area flown: Transect 9, partial.

Total hours flown: 4.5

Total transect hours: 0.7

Number of bowhead whales seen: 16 (0 calves)

Weather and visibility: Skies were clear. Sea state ranged from Beaufort 2-3. Visibility was unlimited, with glare. Sea ice ranged from 0-45% broken floe ice in the area surveyed. The survey was aborted due to rapidly deteriorating weather in Barrow. Because Barrow is the alternate landing site for this Deadhorse-based team, an immediate return to Deadhorse was required.

Sightings: Bowhead whales, gray whales, unidentified cetaceans, walrus, unidentified pinnipeds, and 1 small unidentified pinniped.

Preliminary Summary, Flight 25 Date: Saturday, September 03, 2016

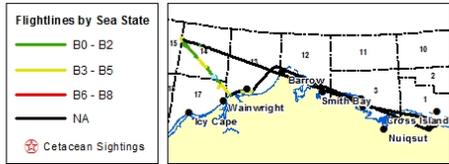
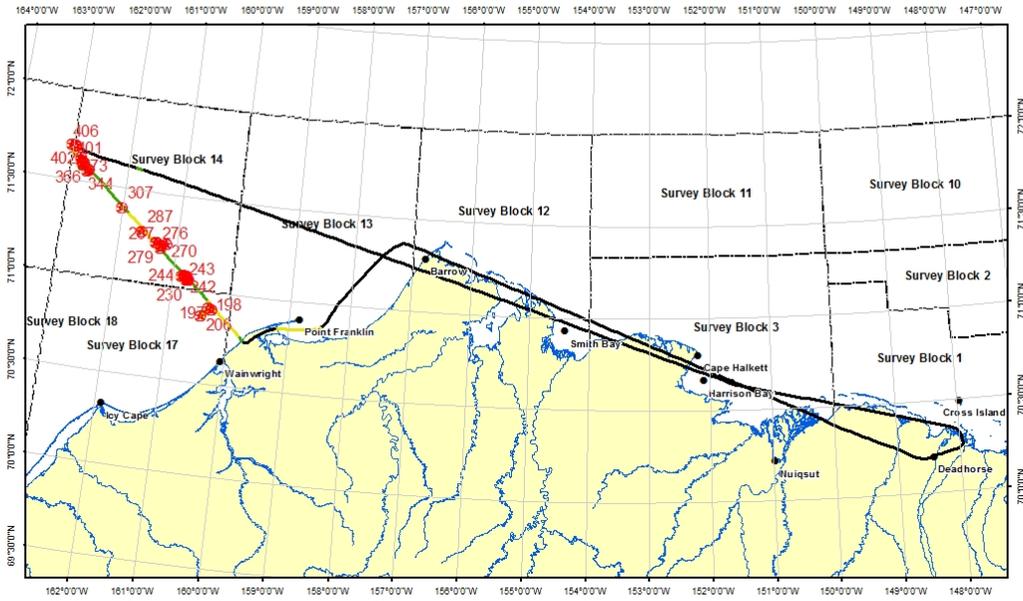
Total bowhead whales: 16	Start time: 9/3/2016 11:08:12 AM	End time: 9/3/2016 3:40:24 PM
Bowhead whale sightings: 11	Transect minutes: 44	Transect km: 150.3
Bowhead whales on transect: 5	Circling minutes: 46	Circling km: 153.6
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 90	Trans+Circ km: 303.9
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 7	Search km: 34
Bowhead whale repeats: 0	Total minutes: 272	Total km: 1365.7
Possible repeats: 0	Deadhead minutes: 175	Deadhead km: 1027.8
Total gray whales: 41	Search blocks: 13,14	
Total belugas: 0	Transect blocks: 13,14,15,17	
Other whale sightings: 4		
walrus: yes		
Total polar bears: 0		

Cetacean Sightings:

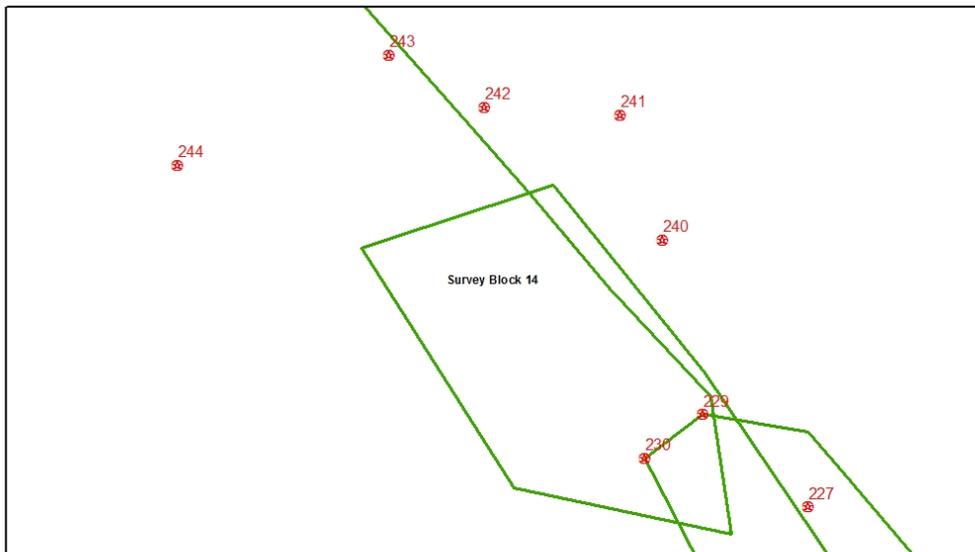
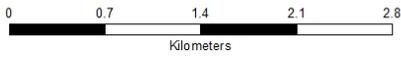
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
193	70.93	-160.3	17	gray whale	2	0	feed	-1	True
197	70.91	-160.29	17	gray whale	14	0	feed	-1	False
198	70.91	-160.29	17	unid cetacean	1	0	swim	-1	False
206	70.87	-160.46	17	gray whale	1	0	feed	-1	False
227	71.05	-160.72	14	gray whale	1	0	swim	-1	True
229	71.06	-160.75	14	gray whale	3	0	feed	-1	False
230	71.05	-160.76	14	gray whale	2	0	swim	-1	False
240	71.06	-160.77	14	gray whale	3	0	feed	-1	True
241	71.07	-160.79	14	gray whale	1	0	feed	-1	True
242	71.07	-160.8	14	gray whale	1	0	feed	-1	True
243	71.08	-160.82	14	gray whale	4	0	feed	-1	True
244	71.08	-160.83	14	gray whale	2	0	feed	-1	True
259	71.2	-161.26	14	gray whale	1	0	feed	-1	True
265	71.21	-161.28	14	gray whale	1	0	feed	-1	True
267	71.22	-161.27	14	gray whale	1	0	feed	-1	False
270	71.23	-161.17	14	gray whale	2	0	feed	-1	False
276	71.23	-161.36	14	gray whale	1	0	feed	-1	True
279	71.23	-161.36	14	gray whale	1	0	feed	-1	False
287	71.29	-161.59	14	unid cetacean	2	0	dive	-1	True
307	71.4	-161.99	14	unid cetacean	1	0	swim	248	True
341	71.57	-162.65	14	bowhead whale	1	0	swim	249	True
344	71.56	-162.69	14	bowhead whale	1	0	swim	-1	False
355	71.6	-162.77	14	bowhead whale	1	0	swim	-1	False
366	71.6	-162.76	14	bowhead whale	2	0	mill	-1	True
368	71.6	-162.78	14	bowhead whale	1	0	swim	-1	False
370	71.6	-162.77	14	bowhead whale	5	0	swim	-1	False
372	71.62	-162.83	14	bowhead whale	1	0	rest	-1	False
373	71.63	-162.83	14	bowhead whale	1	0	swim	-1	False
401	71.66	-163.01	15	bowhead whale	1	0	swim	40	True
402	71.67	-163.01	15	bowhead whale	1	0	swim	40	True
406	71.69	-163.02	15	bowhead whale	1	0	swim	-1	False

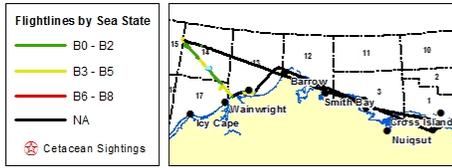


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Aerial Surveys of Arctic Marine Mammals Program
Flight 25, 9/3/2016 11:03:35 AM

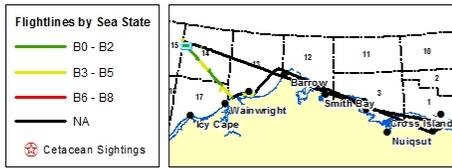
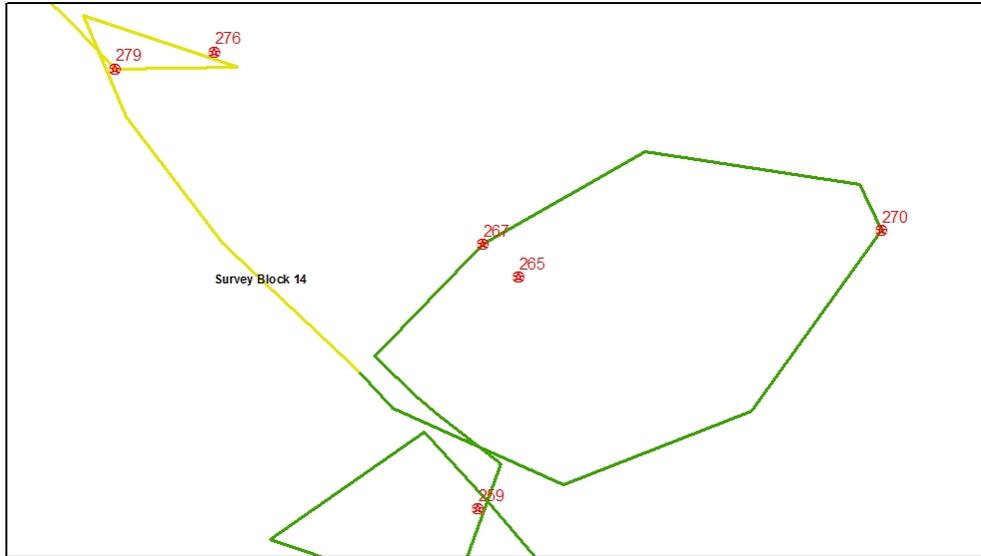
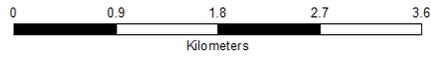


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Flight 25, High Density Cluster 1, 9/3/2016





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 Flight 25, High Density Cluster 2, 9/3/2016



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