

ASAMM-Beaufort – Flight 12 – 11 August 2013

Area flown: Block 12, 6 partial transects; block 3, 5 complete transects; block 11, 1 complete transect and 4 partial transects.

Total hours flown: 8.4 (2 flights)

Total transect hours: 4.3

Number of bowheads seen: 11 (no calves)

Weather and visibility: Skies were clear to partly cloudy. Sea state ranged from Beaufort 0 to 4. Visibility ranged from 0 to 10 km, with glare, fog, and low ceilings; fog prevented completion of transects. Sea ice cover ranged from 0-40% broken floe in the area surveyed.

Sightings: Bowhead whales, one gray whale, belugas (including 11 calves), polar bears, walrus, bearded seals, and small unidentified pinnipeds. Two of the polar bears were on a barrier island east of Smith Bay; the other bear was swimming ~103 km northeast of Smith Bay in an area of 20% broken floe ice.

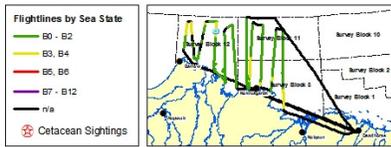
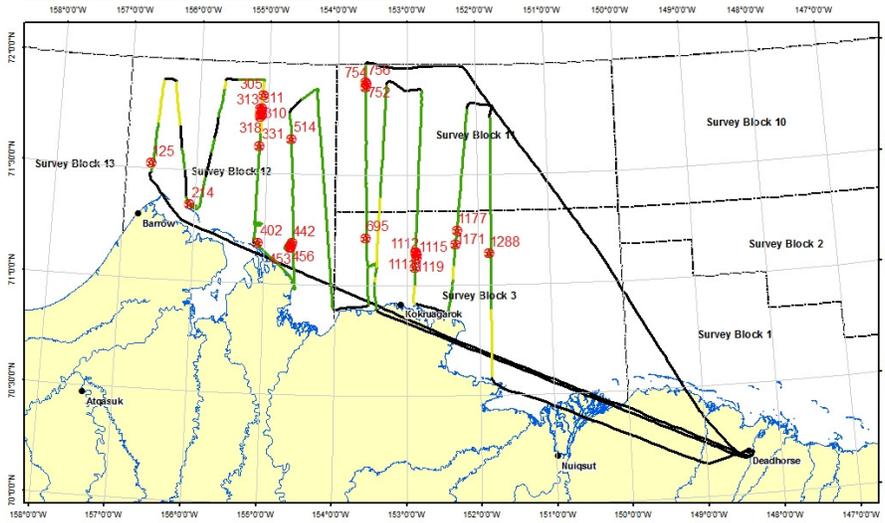
Preliminary Summary, Flight 12 Date: 8/11/2013

Total bowhead whales: 11	Start time: 8/11/2013 9:36:24 AM	End time: 8/11/2013 8:43:41 PM
Bowhead whale sightings: 9	Transect minutes: 258	Transect km: 977.1
Bowhead whales on transect: 7	Circling minutes: 23	Circling km: 67.7
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 281	Trans+Circ km: 1044.8
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 21	Search km: 73
Bowhead whale repeats: 0	Total minutes: 504	Total km: 2257.1
Possible repeats: 0	Deadhead minutes: 202	Deadhead km: 1139.3
Total gray whales: 1	Search blocks: 12, 11, 3, 0	
Total belugas: 54	Transect blocks: 12, 11, 3	
Other whale sightings: 0		
Total walrus: 11		
Total polar bears: 3		

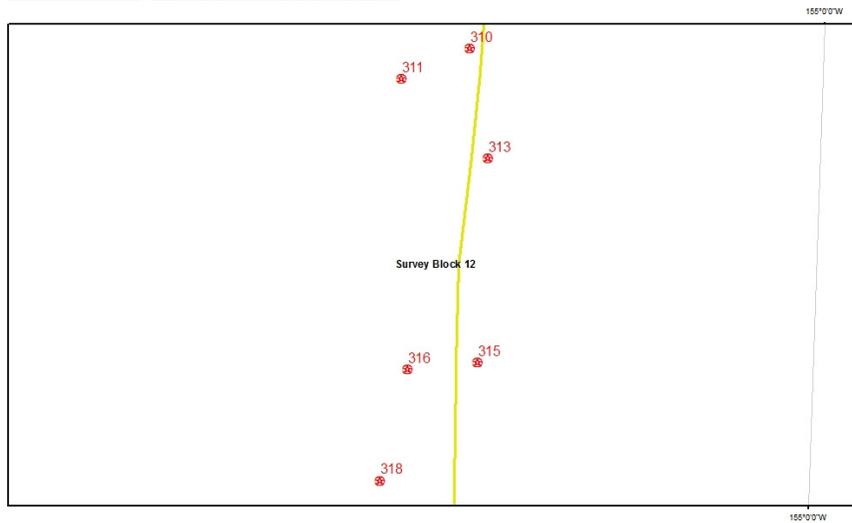
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
125	71.52	-156.62	12	bowhead whale	1	0	swim	188	True
214	71.34	-156.09	12	gray whale	1	0	swim	122	False
305	71.85	-155.09	12	beluga	1	0	swim	4	True
310	71.79	-155.1	12	beluga	1	1	dive	-1	True
311	71.79	-155.1	12	beluga	12	3	swim	-1	True
313	71.78	-155.1	12	beluga	6	1	swim	-1	True
315	71.76	-155.1	12	beluga	6	1	swim	239	True
316	71.76	-155.1	12	beluga	6	2	swim	-1	True
318	71.75	-155.1	12	beluga	3	1	swim	-1	True
331	71.62	-155.11	12	beluga	2	1	swim	150	False
402	71.18	-155.11	12	beluga	1	0	swim	309	False
442	71.19	-154.59	12	bowhead whale	2	0	swim	-1	True
452	71.17	-154.64	12	bowhead whale	2	0	swim	-1	False
453	71.16	-154.63	12	beluga	2	0	swim	-1	False
456	71.18	-154.61	12	bowhead whale	1	0	swim	-1	False
514	71.66	-154.66	12	beluga	2	0	mill	-1	False
695	71.22	-153.56	3	bowhead whale	1	0	swim	298	True
752	71.9	-153.6	11	beluga	2	1	swim	-1	False
754	71.91	-153.6	11	beluga	3	0	rest	-1	True
756	71.92	-153.6	11	beluga	1	0	swim	-1	False
1109	71.15	-152.88	3	beluga	1	0	swim	1	True
1110	71.15	-152.88	3	beluga	1	0	swim	2	True
1111	71.15	-152.88	3	beluga	1	0	swim	2	True
1112	71.14	-152.88	3	beluga	2	0	rest	-1	True
1115	71.13	-152.88	3	beluga	1	0	swim	-1	True
1119	71.08	-152.88	3	bowhead whale	1	0	swim	1	True
1171	71.19	-152.32	3	bowhead whale	1	0	swim	276	False
1177	71.25	-152.3	3	bowhead whale	1	0	swim	275	True
1288	71.14	-151.82	3	bowhead whale	1	0	swim	272	True

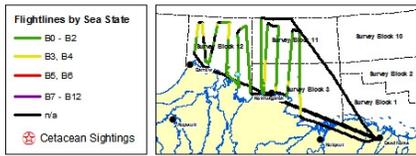


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Flight 12, 8/11/2013

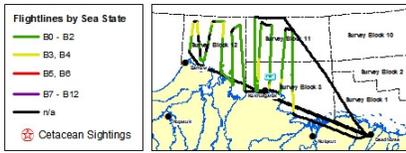
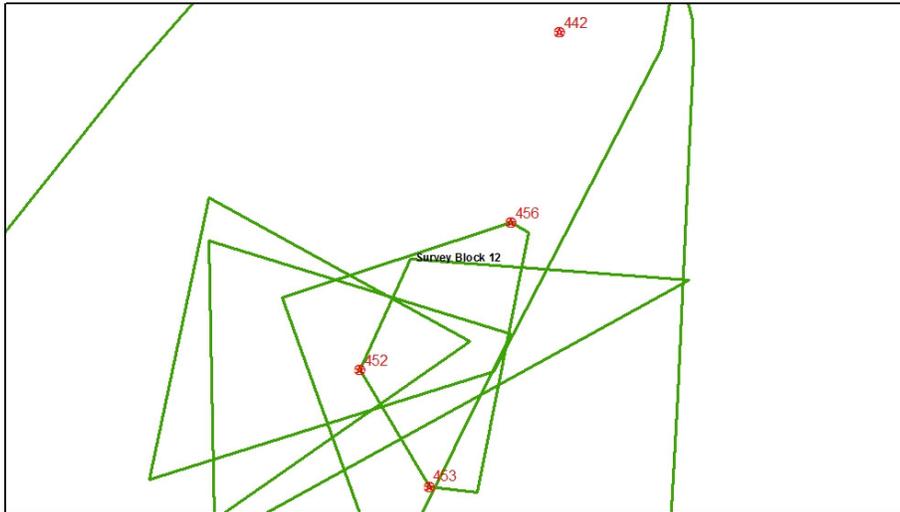


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 Flight 12, High Density Cluster 2, 8/11/2013



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 Flight 12, High Density Cluster 3, 8/11/2013

