ASAMM-Beaufort – Flight 1 – 19 July 2014

Area flown: Blocks 4 and 6, easternmost four transects
Total hours flown: 3.8
Total transect hours: 2.2
Number of bowheads seen: 9 (1 calf)
Weather and visibility: Skies were partly cloudy. Sea state ranged from Beaufort 2-4. Visibility ranged from 0 km to unlimited, with glare, fog, low ceilings, and precipitation. Sea ice cover ranged from 0-25% broken floe ice in the area surveyed.
Sightings: Bowhead whales, belugas, and small unidentified pinnipeds

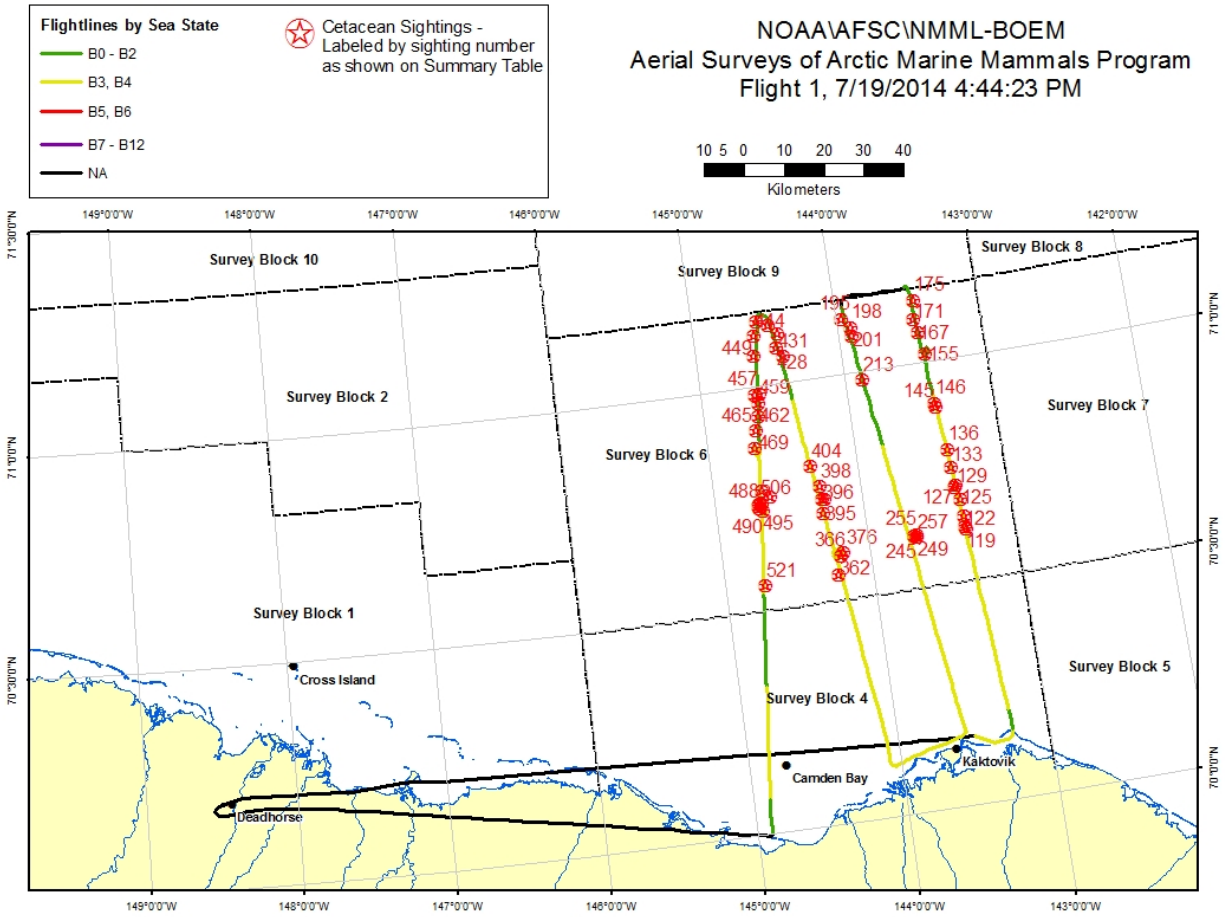
Preliminary Summary, Flight 1 Date: 7/19/2014

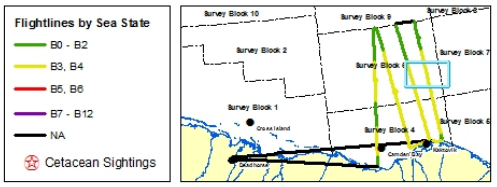
Total bowhead whales: 9	Start time: 7/19/2014 4:46:14 PM	End time: 7/19/2014 8:34:05 PM
Bowhead whale sightings: 8	Transect minutes: 130	Transect km:468.2
Bowhead whales on transect: 7	Circling minutes: 24	Circling km: 64
Bowhead whale cow-calf pairs: 1	Trans+Circ minutes: 154	Trans+Circ km: 532.2
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 11	Search km: 39.2
Bowhead whale repeats: 0	Total minutes: 228	Total km: 922.2
Possible repeats: 0	Deadhead minutes: 63	Deadhead km: 350.8
Total gray whales: 0	Search blocks: 4, 9, 6	
Total belugas: 175	Transect blocks: 4, 6	
Other whale sightings: 0		
Total walrus: 0		
Total polar bears: 0		

Cetacean sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
118	70.61	-143.34	6	beluga	1	0	swim	88	True
119	70.62	-143.34	6	beluga	1	0	swim	90	True
122	70.64	-143.35	6	beluga	2	1	swim	86	True
125	70.68	-143.36	6	beluga	1	0	rest	-1	True
127	70.71	-143.36	6	beluga	1	0	swim	269	True
129	70.72	-143.36	6	beluga	44	1	swim	239	True
133	70.76	-143.37	6	beluga	11	5	swim	265	True
136	70.8	-143.38	6	beluga	1	0	swim	296	True
145	70.9	-143.4	6	beluga	4	0	swim	295	True
146	70.9	-143.41	6	beluga	4	2	swim	262	True
155	71.02	-143.43	6	bowhead whale	1	0	swim	296	True
167	71.07	-143.45	6	beluga	1	0	swim	268	True
171	71.1	-143.46	6	beluga	1	0	swim	358	True
175	71.14	-143.46	6	beluga	1	0	swim	266	True
195	71.12	-143.94	6	beluga	1	0	swim	264	True
198	71.1	-143.93	6	beluga	1	0	swim	257	True
201	71.08	-143.92	6	beluga	1	0	mate	-1	True
213	70.98	-143.88	6	beluga	2	0	swim	264	True
245	70.62	-143.73	6	bowhead whale	1	0	swim	113	True
249	70.61	-143.67	6	beluga	1	0	swim	-1	False
255	70.62	-143.67	6	beluga	2	0	swim	-1	False
257	70.61	-143.67	6	beluga	1	0	swim	-1	False
362	70.56	-144.21	6	beluga	45	3	swim	85	True
366	70.6	-144.23	6	bowhead whale	2	1	swim	80	True
376	70.6	-144.18	6	bowhead whale	1	0	feed	-1	False
392	70.7	-144.27	6	beluga	3	1	mill	-1	True
395	70.73	-144.29	6	beluga	2	1	swim	114	True
396	70.73	-144.29	6	beluga	2	0	swim	114	True
398	70.76	-144.3	6	beluga	6	0	swim	260	True
404	70.81	-144.32	6	beluga	1	0	swim	292	True
426	71.06	-144.41	6	beluga	2	0	swim	110	True
428	71.08	-144.43	6	beluga	1	0	swim	111	True
431	71.11	-144.45	6	beluga	1	0	swim	320	True

433	71.13	-144.46	6	beluga	1	0	swim	263	True
441	71.14	-144.54	6	beluga	1	0	swim	98	True
444	71.11	-144.56	6	beluga	1	0	swim	128	True
449	71.07	-144.58	6	beluga	1	0	swim	37	True
456	70.98	-144.6	6	beluga	1	0	swim	124	True
457	70.98	-144.6	6	beluga	1	0	swim	244	True
459	70.96	-144.61	6	beluga	2	1	mill	-1	True
462	70.93	-144.62	6	beluga	2	1	swim	126	True
465	70.9	-144.63	6	bowhead whale	1	0	dive	127	True
469	70.86	-144.65	6	bowhead whale	1	0	swim	278	True
483	70.77	-144.68	6	beluga	2	0	swim	276	True
485	70.76	-144.68	6	beluga	6	0	swim	309	True
487	70.74	-144.69	6	beluga	3	1	swim	305	True
488	70.73	-144.69	6	beluga	3	0	swim	95	True
490	70.72	-144.69	6	bowhead whale	1	0	swim	302	True
495	70.73	-144.7	6	bowhead whale	1	0	rest	-1	False
506	70.74	-144.69	6	beluga	5	1	swim	-1	False
521	70.56	-144.74	6	beluga	1	0	swim	97	True





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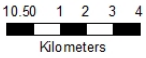
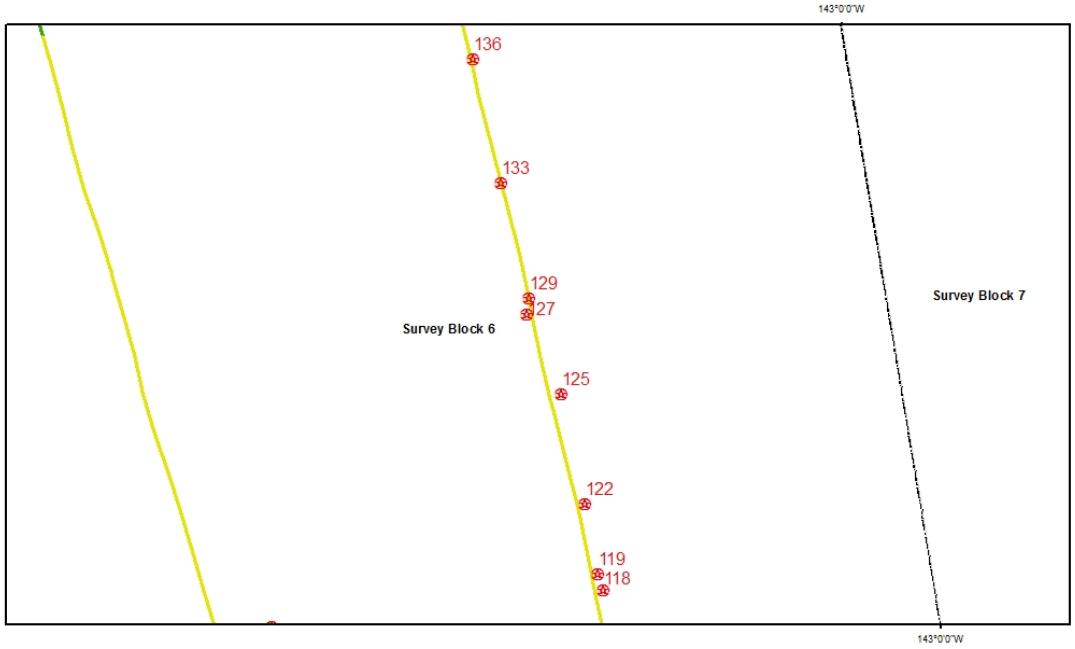
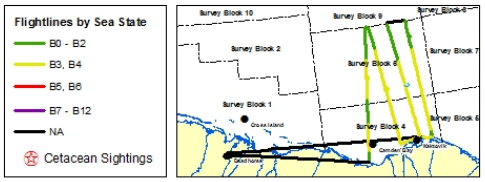
Flight 1, High Density Cluster 1, 7/19/2014 4:44:23 PM







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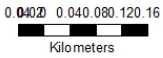

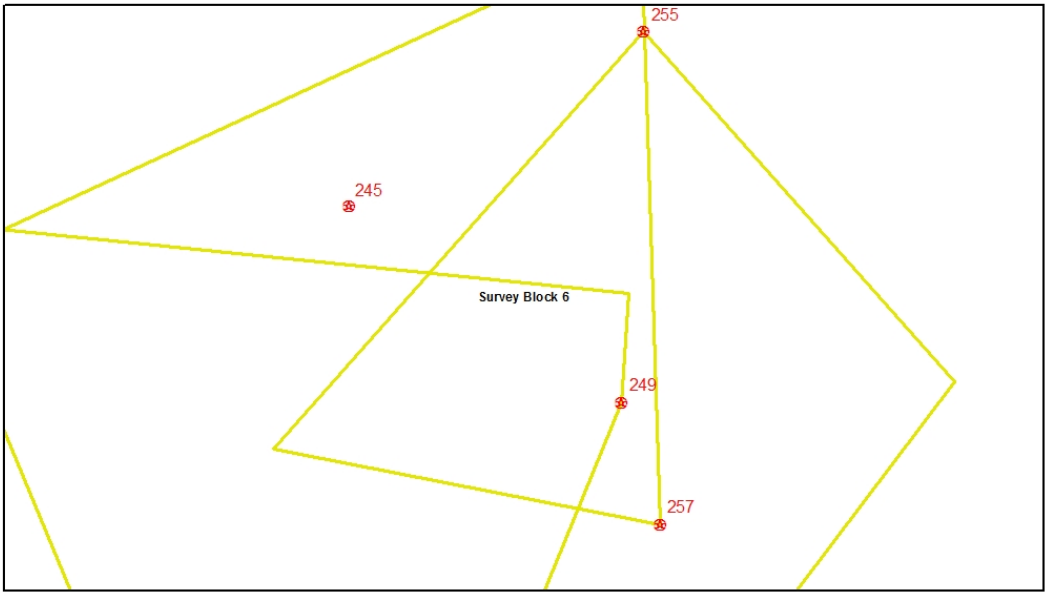

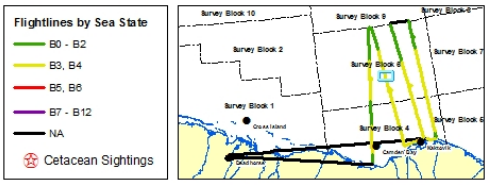

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Aerial Surveys of Arctic Marine Mammals Program
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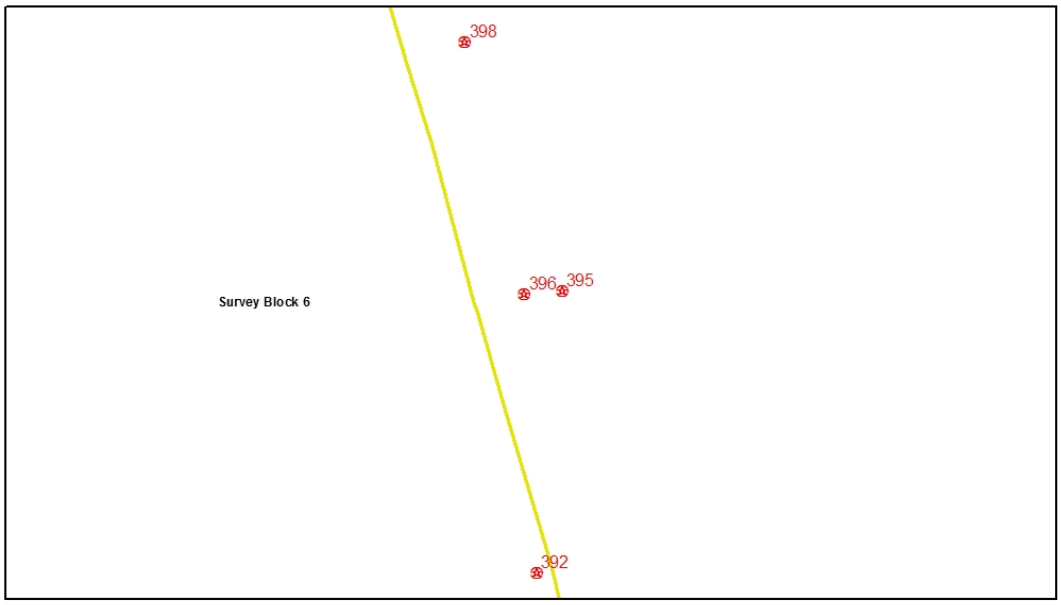
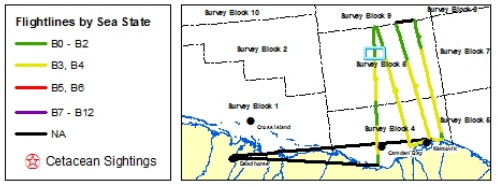
0 0.15 0.3 0.6 0.9 1.2
Kilometers





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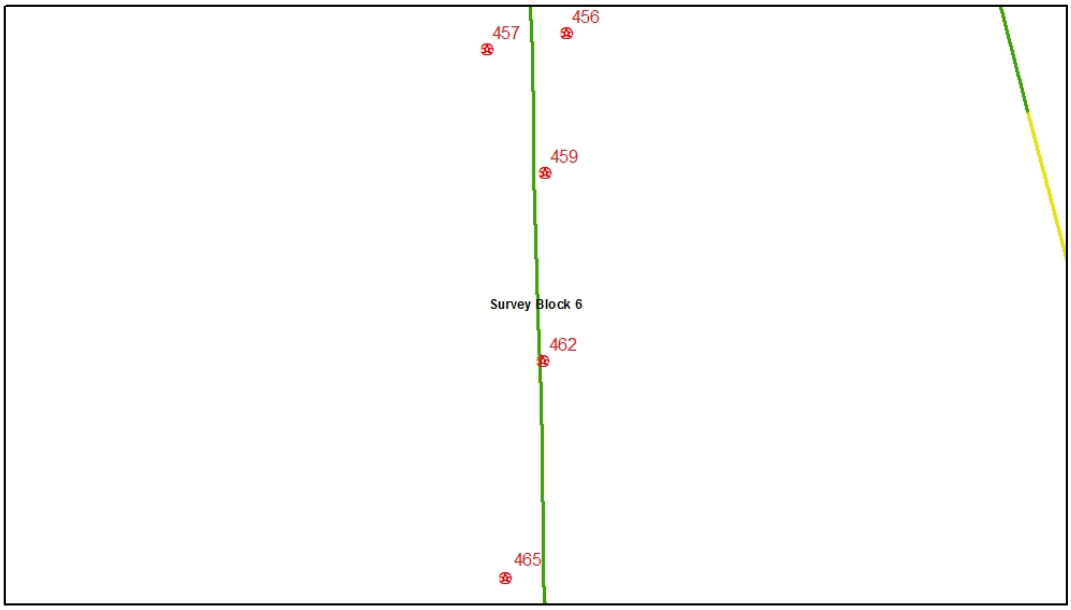
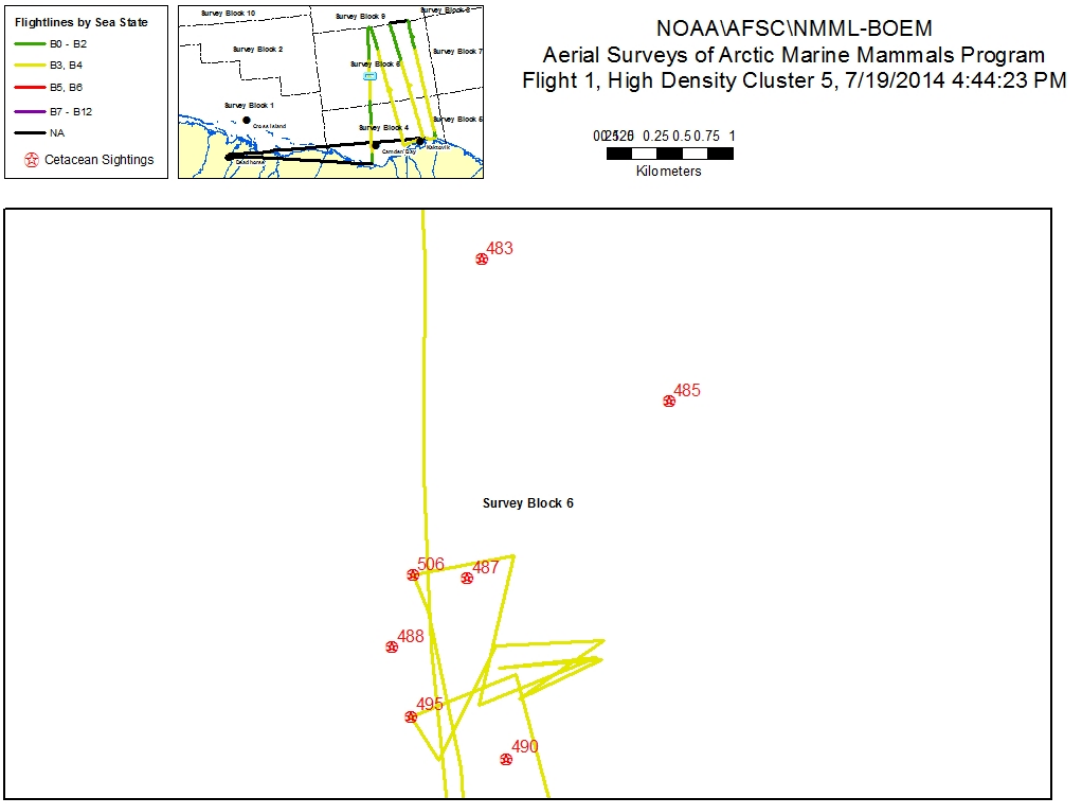
Kilometers





Bowhead whale cow-calf pair observed north of Camden Bay (event 366), ASAMM-Beaufort Flight 1, 19 July 2014. The cow's white chin can be seen underwater to the right; the calf is above the cow's peduncle and white tail.

Walrus and Polar Bear Sightings: None