ASAMM-Beaufort – Flight 5 – 27 July 2014

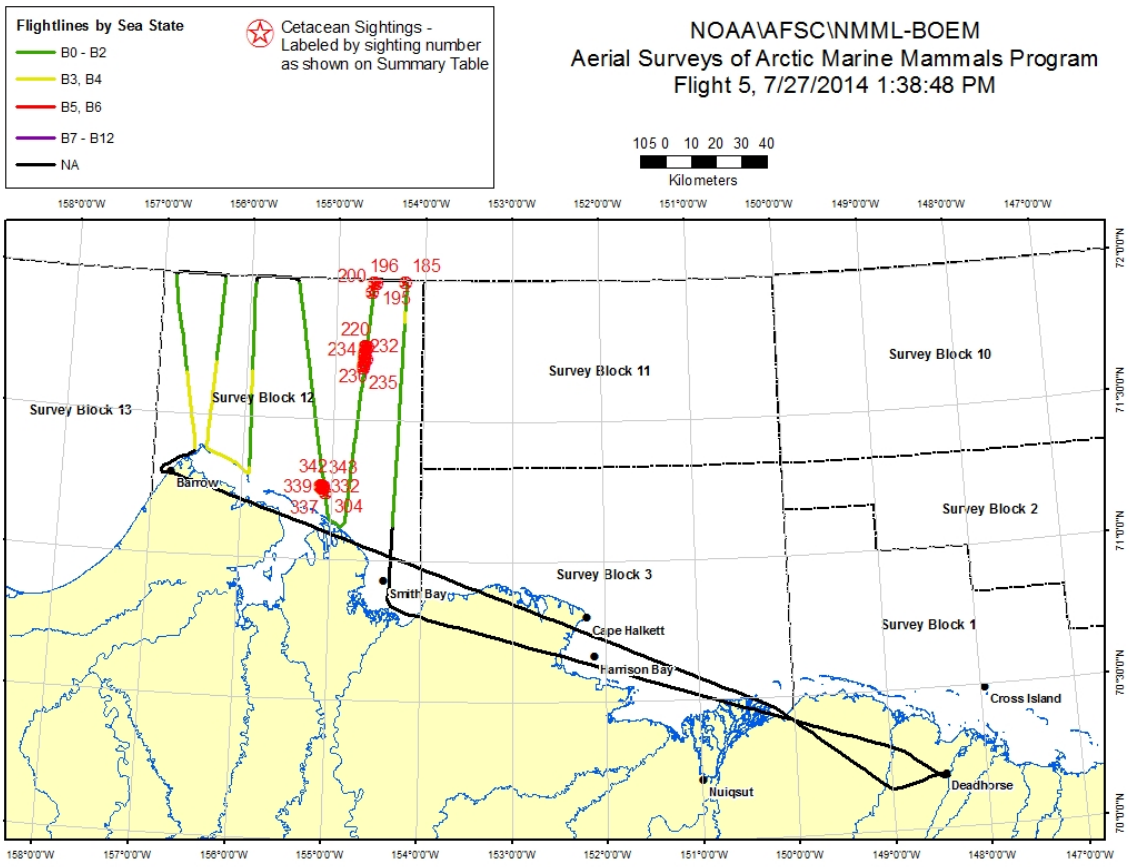
Area flown: Block 12
Total hours flown: 4.8 (2 flights)
Total transect hours: 2.5
Number of bowheads seen: 13 (0 calves)
Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1-4. Visibility ranged from 0 to 10 km, with low ceilings. Sea ice cover ranged from 1-85% broken floe ice in the area surveyed.
Sightings: Bowhead whales, belugas, and one walrus.

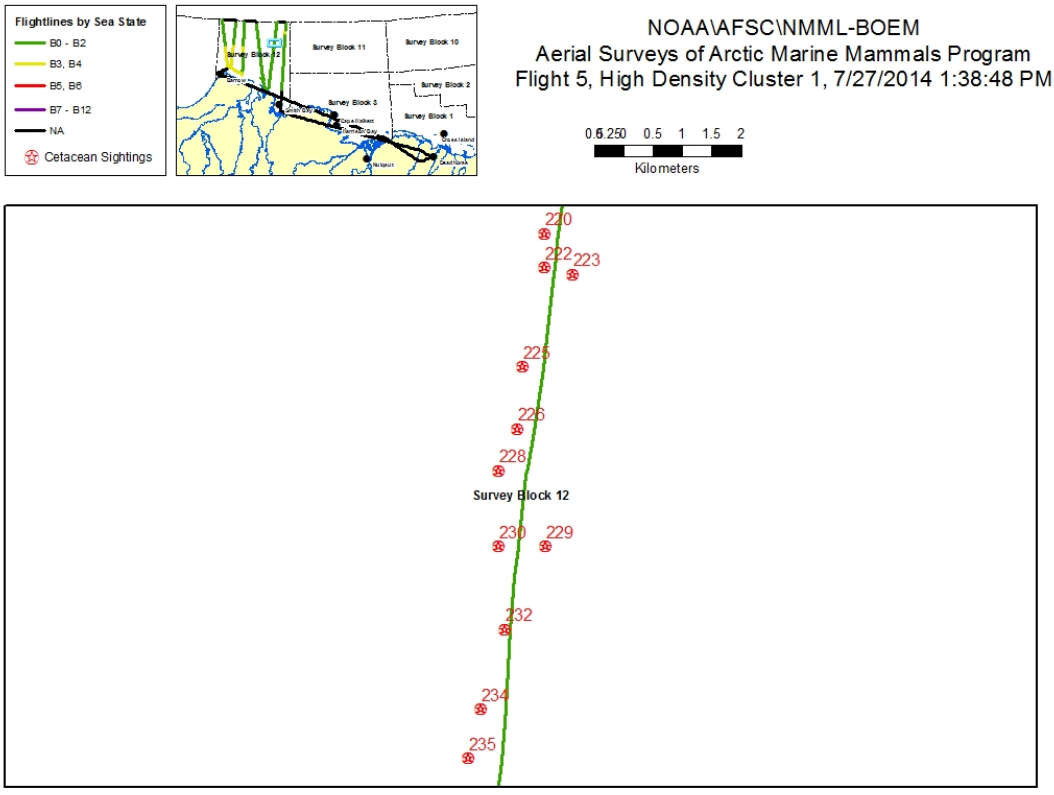
Preliminary Summary, Flight 5 Date: 7/27/2014

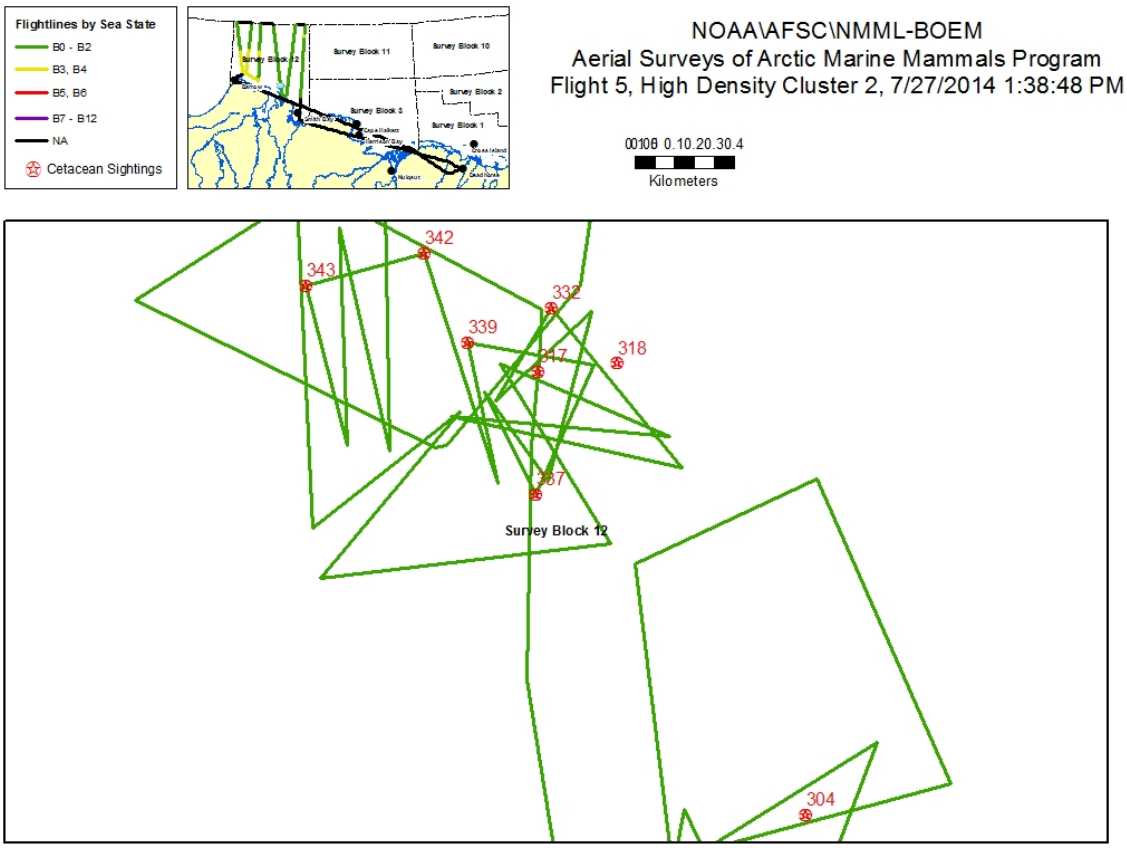
Total bowhead whales: 13	Start time: 7/27/2014 1:43:36 PM	End time: 7/27/2014 7:13:53 PM
Bowhead whale sightings: 8	Transect minutes: 147	Transect km:506.5
Bowhead whales on transect: 7	Circling minutes: 16	Circling km: 37.1
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 163	Trans+Circ km: 543.6
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 8	Search km: 28.2
Bowhead whale repeats: 0	Total minutes: 285	Total km: 1247.4
Possible repeats: 0	Deadhead minutes: 114	Deadhead km: 675.6
Total gray whales: 0	Search blocks: 12	
Total belugas: 83	Transect blocks: 12	
Other whale sightings: 0		
Total walrus: 1		
Total polar bears: 0		

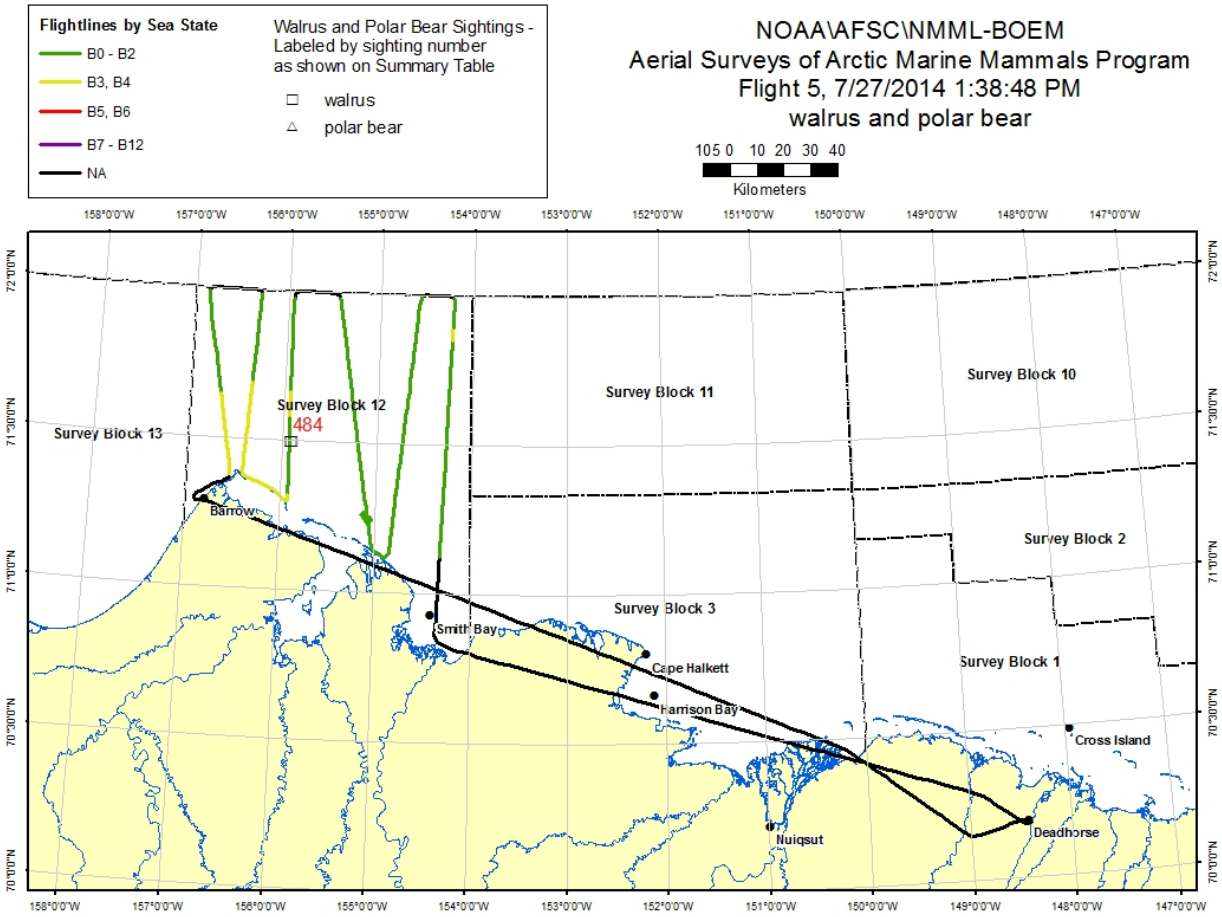
Ceteacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
185	72	-154.22	12	beluga	22	0	swim	211	True
195	71.99	-154.57	12	beluga	1	0	swim	115	True
196	71.99	-154.57	12	beluga	1	0	rest	-1	True
200	71.96	-154.59	12	beluga	17	0	swim	246	True
220	71.77	-154.65	12	beluga	4	0	swim	94	True
222	71.76	-154.65	12	beluga	8	1	swim	96	True
223	71.76	-154.65	12	beluga	3	0	swim	36	True
225	71.74	-154.66	12	beluga	1	0	swim	126	True
226	71.74	-154.66	12	beluga	2	1	swim	98	True
228	71.73	-154.66	12	beluga	4	2	swim	158	True
229	71.72	-154.67	12	beluga	4	0	swim	94	True
230	71.72	-154.67	12	beluga	7	2	swim	185	True
232	71.7	-154.67	12	beluga	6	1	swim	182	True
234	71.69	-154.67	12	beluga	2	0	swim	211	True
235	71.68	-154.67	12	beluga	1	0	swim	185	True
304	71.24	-155.08	12	bowhead whale	1	0	swim	171	True
317	71.26	-155.1	12	bowhead whale	5	0	rest	-1	True
318	71.26	-155.1	12	bowhead whale	1	0	rest	-1	True
332	71.26	-155.09	12	bowhead whale	1	0	swim	-1	False
337	71.25	-155.1	12	bowhead whale	2	0	rest	-1	False
339	71.26	-155.11	12	bowhead whale	1	0	rest	-1	False
342	71.26	-155.11	12	bowhead whale	1	0	rest	-1	False
343	71.26	-155.13	12	bowhead whale	1	0	swim	-1	False


Flightlines by Sea State
B0 - B2
B3, B4
B5, B6
B7 - B12
NA
Cetacean Sightings - Labeled by sighting number as shown on Summary Table
NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 5, 7/27/2014 1:38:48 PM
105 0 10 20 30 40
Kilometers
200 196 185
195
220
234 232
236 235
342 343
339 332
337 304
Survey Block 13
Survey Block 12
Survey Block 11
Survey Block 10
Survey Block 3
Survey Block 2
Survey Block 1
Barrow
Smith Bay
Cape Halkett
Harrison Bay
Cross Island
Nuiqsut
Deadhorse


Flightlines by Sea State
B0 - B2
B3, B4
B5, B6
B7 - B12
NA
Cetacean Sightings
NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 5, High Density Cluster 1, 7/27/2014 1:38:48 PM
0.5 0.25 0 0.5 1 1.5 2
Kilometers
220
222 223
225
226
228
Survey Block 12
230 229
232
234
235



Bowhead whales observed north of Dease Inlet, ASAMM-Beaufort Flight 5, 27 July 2014.

Walrus Sightings: