ASAMM-Beaufort – Flight 17 – 19 August 2015

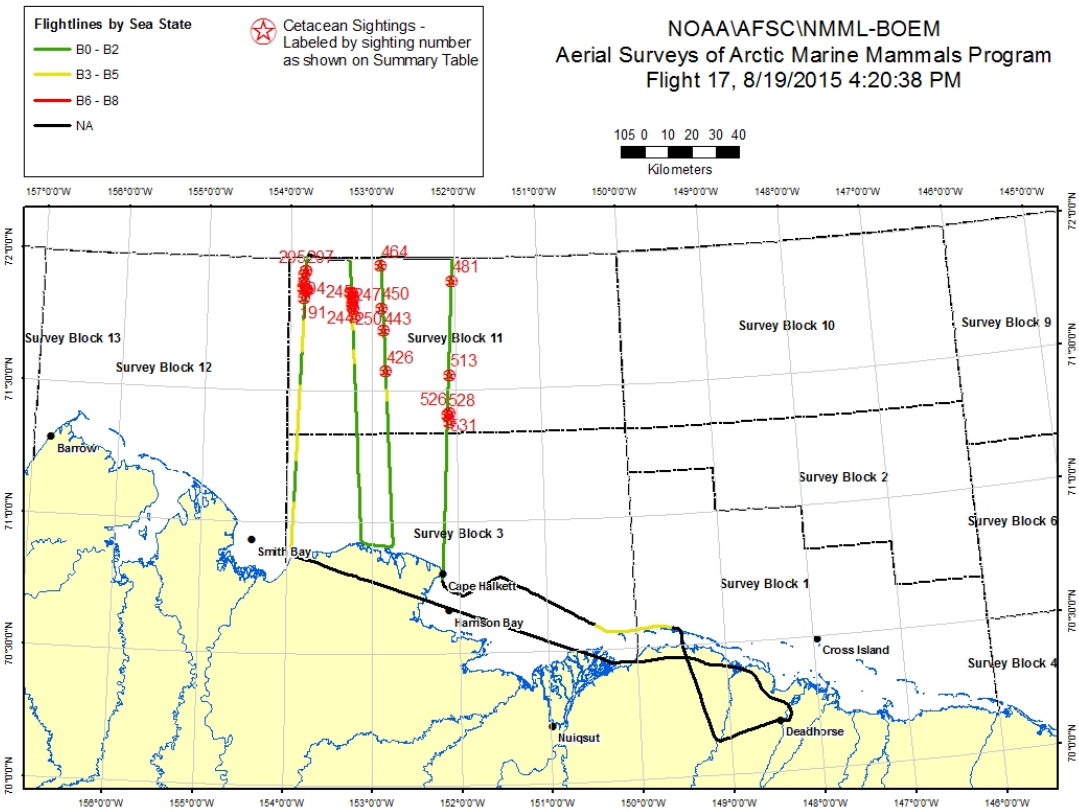
Area flown: Block 3, 4 complete transects; block 11, 4 complete transects.
Total hours flown: 4.3
Total transect hours: 2.4
Number of bowhead whales seen: 0 (0 calves)
Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1 to 4. Visibility varied from <1 km to 10 km, with fog, low ceilings, glare, and precipitation. Sea ice cover ranged from 0-70% broken floe ice in the area surveyed.
Sightings: Belugas and small unidentified pinnipeds.

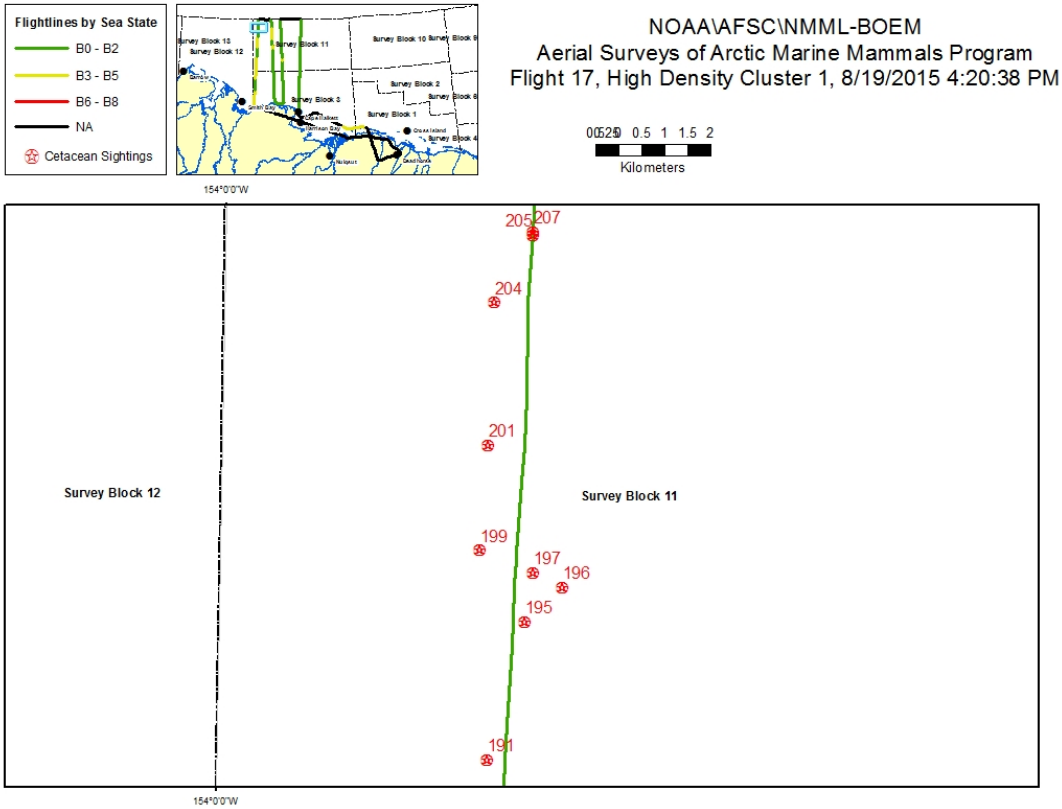
Preliminary Summary, Flight 17 Date: 8/19/2015

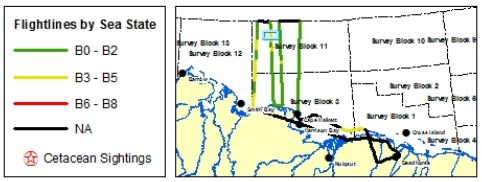
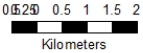
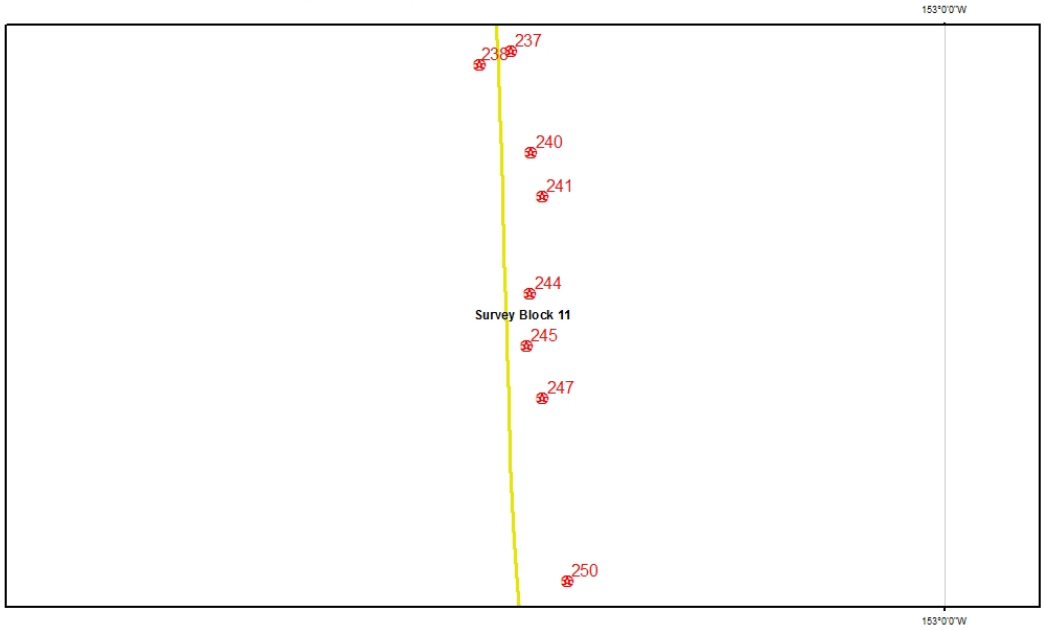
Total bowhead whales: 0	Start time: 8/19/2015 4:29:10 PM	End time: 8/19/2015 8:45:41 PM
Bowhead whale sightings: 0	Transect minutes: 145	Transect km:497.9
Bowhead whales on transect: 0	Circling minutes: 0	Circling km: 0
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 145	Trans+Circ km: 497.9
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 16	Search km: 53.7
Bowhead whale repeats: 0	Total minutes: 256	Total km: 988.6
Possible repeats: 0	Deadhead minutes: 95	Deadhead km: 437
Total gray whales: 0	Search blocks: 0, 3, 1	
Total belugas: 64	Transect blocks: 3, 11	
Other whale sightings: 0		
Walruses: No		
Total polar bears: 0		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
191	71.85	-153.82	11	beluga	1	0	swim	93	True
195	71.88	-153.82	11	beluga	1	0	swim	272	True
196	71.88	-153.82	11	beluga	1	0	swim	2	True
197	71.89	-153.82	11	beluga	5	0	mill	-1	True
199	71.89	-153.81	11	beluga	9	0	swim	274	True
201	71.91	-153.81	11	beluga	1	0	swim	182	True
204	71.94	-153.81	11	beluga	1	0	swim	271	True
205	71.95	-153.81	11	beluga	3	0	swim	274	True
207	71.95	-153.81	11	beluga	3	0	swim	273	True
237	71.87	-153.26	11	beluga	2	0	swim	268	True
238	71.87	-153.26	11	beluga	2	1	swim	268	True
240	71.85	-153.25	11	beluga	3	0	swim	298	True
241	71.85	-153.25	11	beluga	1	0	swim	268	True
244	71.83	-153.25	11	beluga	2	0	swim	328	True
245	71.82	-153.25	11	beluga	3	0	swim	-1	True
247	71.81	-153.25	11	beluga	3	0	swim	270	True
250	71.78	-153.24	11	beluga	1	0	swim	325	True
426	71.57	-152.84	11	beluga	2	1	swim	300	True
443	71.73	-152.86	11	beluga	2	0	mill	-1	True
450	71.81	-152.87	11	beluga	1	0	swim	89	True
464	71.97	-152.89	11	beluga	1	0	swim	297	True
481	71.91	-152.04	11	beluga	2	1	swim	272	True
513	71.56	-152.09	11	beluga	1	0	swim	303	True
526	71.41	-152.11	11	beluga	5	0	swim	62	True
528	71.41	-152.11	11	beluga	1	0	swim	122	True
531	71.38	-152.11	11	beluga	7	0	swim	92	True


Flightlines by Sea State
B0 - B2
B3 - B5
B6 - B8
NA
Cetacean Sightings - Labeled by sighting number as shown on Summary Table
NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 17, 8/19/2015 4:20:38 PM
105 0 10 20 30 40
Kilometers
Survey Block 13
Survey Block 12
Survey Block 11
Survey Block 10
Survey Block 9
Survey Block 2
Survey Block 6
Survey Block 3
Survey Block 1
Survey Block 4
Barrow
Smith Bay
Cape Halkett
Harrison Bay
Cross Island
Nuiqsut
Deadhorse
205
207
464
481
204
245
247
450
191
244
250
443
426
513
526
528
531


Flightlines by Sea State
B0 - B2
B3 - B5
B6 - B8
NA
Cetacean Sightings
NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 17, High Density Cluster 1, 8/19/2015 4:20:38 PM
0 0.5 1 1.5 2
Kilometers
154°0'0"W
Survey Block 12
Survey Block 11
205
207
204
201
199
197
196
195
191



NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 17, High Density Cluster 2, 8/19/2015 4:20:38 PM