ASAMM-Beaufort – Flight 10 – 2 August 2015

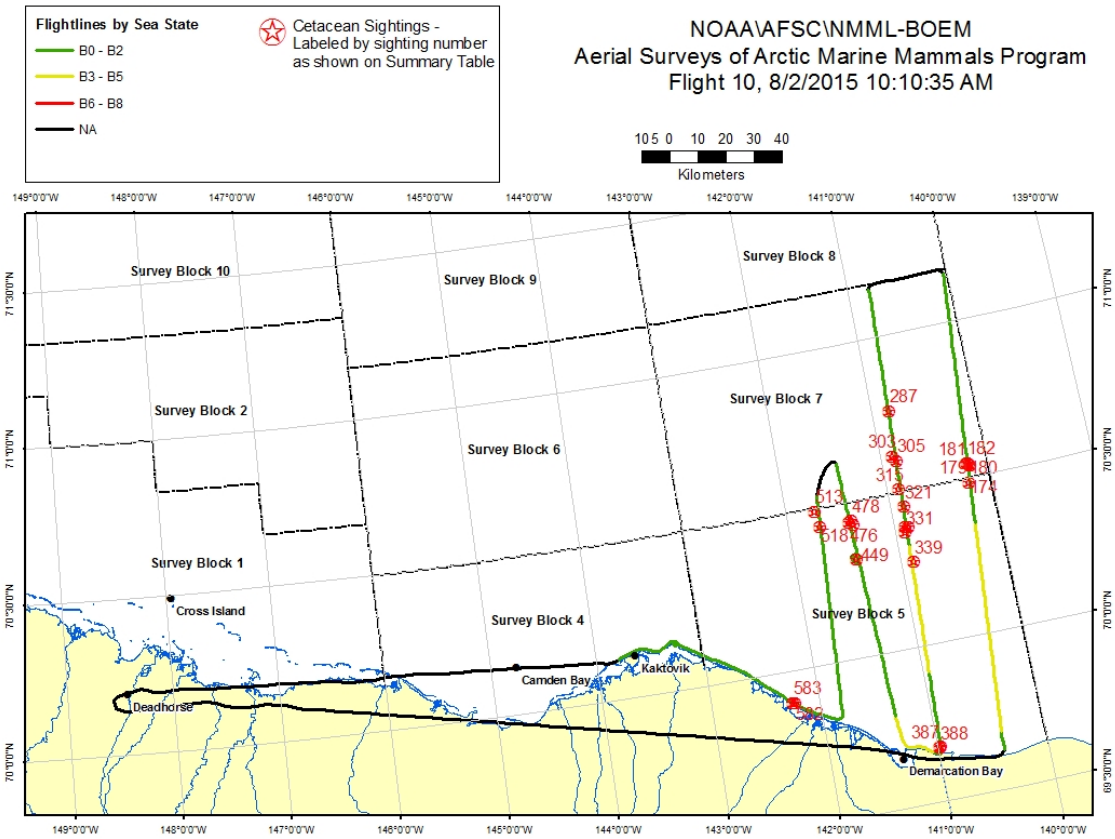
Area flown: Block 5, 4 complete transects; block 7, 2 complete and 2 partial transects.
Total hours flown: 4.6
Total transect hours: 2.4
Number of bowhead whales seen: 1 (no calves)
Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1-5. Visibility varied from <1 km to unlimited, with fog, glare, haze and precipitation. Fog and precipitation precluded transect effort offshore in block 7. Sea ice cover ranged from 0-90% broken floe ice in the area surveyed.
Sightings: One bowhead whale, belugas (including 5 calves), small unidentified pinnipeds, one small unidentified marine mammal, and one polar bear. The polar bear was seen on a barrier island just east of Kaktovik.

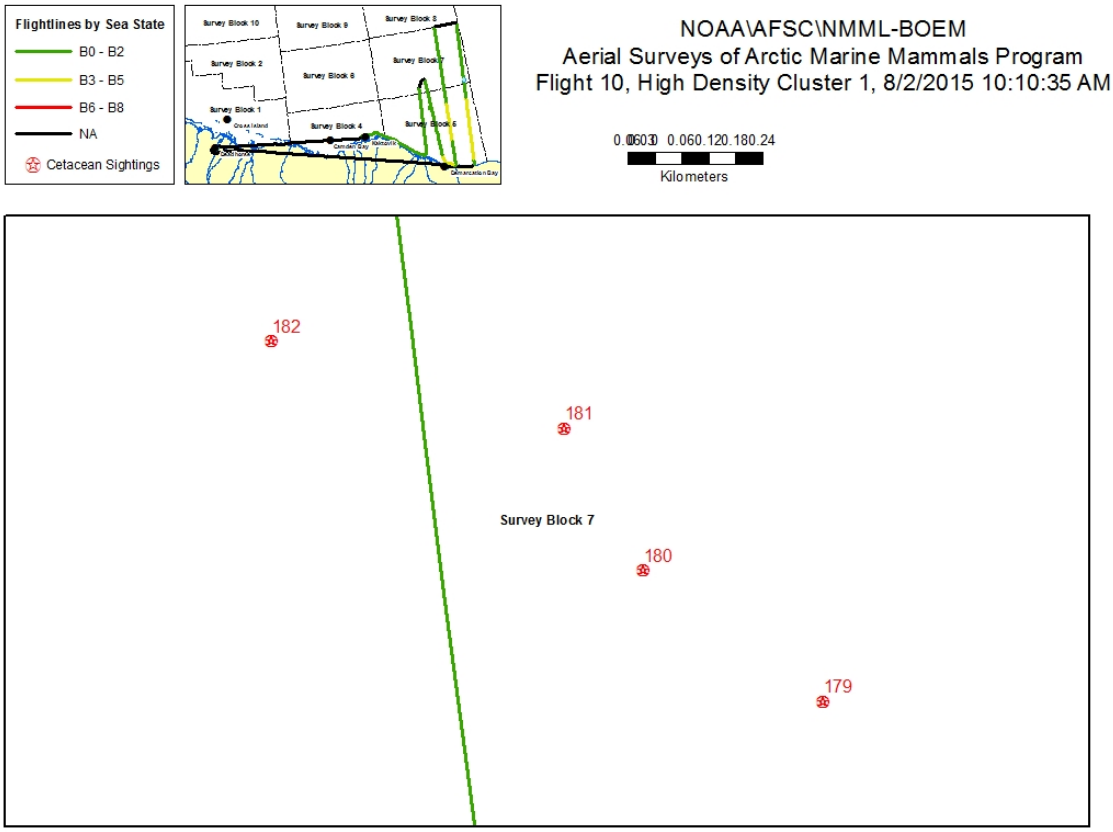
Preliminary Summary, Flight 10 Date: 8/2/2015

Total bowhead whales: 1	Start time: 8/2/2015 10:12:15 AM	End time: 8/2/2015 2:47:00 PM
Bowhead whale sightings: 1	Transect minutes: 141	Transect km:523.1
Bowhead whales on transect: 1	Circling minutes: 5	Circling km: 16.8
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 146	Trans+Circ km: 539.9
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 29	Search km: 109.9
Bowhead whale repeats: 0	Total minutes: 275	Total km: 1198.5
Possible repeats: 0	Deadhead minutes: 100	Deadhead km: 548.7
Total gray whales: 0	Search blocks: 7, 4, 5	
Total belugas: 60	Transect blocks: 5, 7	
Other whale sightings: 0		
Walruses: No		
Total polar bears: 1		

Cetacean sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
174	70.48	-140.21	5	beluga	2	1	rest	-1	True
179	70.54	-140.19	7	beluga	1	0	swim	275	True
180	70.54	-140.19	7	beluga	2	0	swim	275	True
181	70.54	-140.19	7	beluga	1	0	swim	275	True
182	70.55	-140.19	7	beluga	4	1	rest	-1	True
287	70.76	-140.84	7	beluga	1	0	swim	122	True
303	70.61	-140.86	7	beluga	1	0	swim	272	True
305	70.6	-140.86	7	beluga	2	1	rest	-1	True
315	70.51	-140.87	7	beluga	1	0	swim	273	True
321	70.45	-140.88	5	beluga	1	0	rest	-1	True
328	70.39	-140.89	5	beluga	1	0	swim	302	True
329	70.38	-140.89	5	beluga	9	0	swim	302	True
331	70.37	-140.89	5	beluga	4	0	swim	302	True
339	70.27	-140.9	5	beluga	1	0	rest	-1	True
387	69.67	-140.98	5	beluga	2	1	swim	122	True
388	69.67	-140.98	5	beluga	8	0	swim	92	True
449	70.31	-141.39	5	bowhead whale	1	0	rest	-1	True
475	70.43	-141.41	5	beluga	2	0	swim	89	True
476	70.43	-141.41	5	beluga	3	0	rest	-1	True
478	70.44	-141.41	5	beluga	3	0	swim	267	True
513	70.49	-141.68	5	beluga	1	0	rest	-1	True
518	70.44	-141.69	5	beluga	1	0	rest	-1	True
582	69.9	-142.23	5	beluga	1	0	swim	310	False
583	69.9	-142.24	5	beluga	8	1	swim	309	False


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 10, 8/2/2015 10:10:35 AM
10 5 0 10 20 30 40
Kilometers
Survey Block 10
Survey Block 9
Survey Block 8
Survey Block 2
Survey Block 6
Survey Block 7
Survey Block 1
Survey Block 4
Survey Block 5
Cross Island
Camden Bay
Kaktovik
Deadhorse
Demarcation Bay
287
303
305
181
182
179
180
174
315
321
513
478
331
518
476
449
339
583
387
388


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 10, High Density Cluster 1, 8/2/2015 10:10:35 AM
Kilometers
182
181
Survey Block 7
180
179