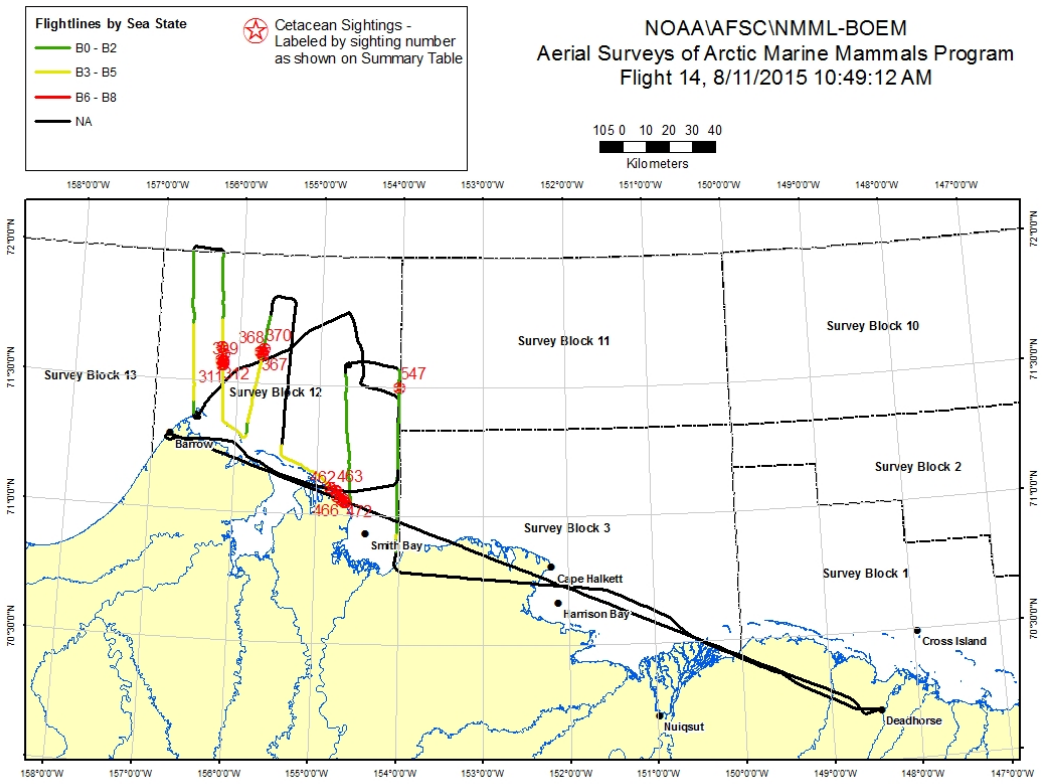
ASAMM-Beaufort – Flight 14 – 11 August 2015

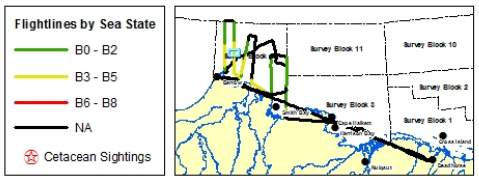
Area flown: Block 12, 2 complete and 3 partial transects.
Total hours flown: 4.9 (2 flights)
Total transect hours: 1.5
Number of bowhead whales seen: 0 (no calves)
Weather and visibility: Skies were overcast to clear. Sea state ranged from Beaufort 1-3. Visibility varied from 0 - 10 km, with fog, glare, low ceilings, and precipitation. Fog precluded transect effort in portions of block 12. Sea ice cover ranged from 0-60% broken floe ice in the area surveyed.
Sightings: Belugas, one bearded seal, and small unidentified pinnipeds.

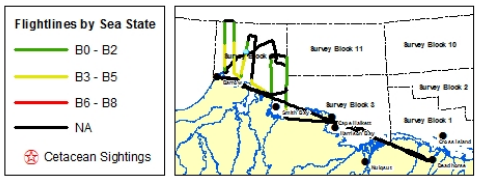
Preliminary Summary, Flight 14 Date: 8/11/2015

Total bowhead whales: 0	Start time: 8/11/2015 10:53:17 AM	End time: 8/11/2015 7:22:07 PM
Bowhead whale sightings: 0	Transect minutes: 89	Transect km:325.9
Bowhead whales on transect: 0	Circling minutes: 0	Circling km: 0
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 89	Trans+Circ km: 325.9
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 16	Search km: 56.9
Bowhead whale repeats: 0	Total minutes: 509	Total km: 1366.7
Possible repeats: 0	Deadhead minutes: 404	Deadhead km: 983.9
Total gray whales: 0	Search blocks: 12, 0	
Total belugas: 88	Transect blocks: 12	
Other whale sightings: 0		
Walruses: No		
Total polar bears: 0		

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
301	71.63	-156.2	12	beluga	2	0	swim	88	True
304	71.61	-156.2	12	beluga	1	0	swim	171	True
307	71.58	-156.19	12	beluga	4	0	swim	86	True
308	71.58	-156.19	12	beluga	2	0	swim	83	True
309	71.57	-156.19	12	beluga	3	1	swim	90	True
311	71.57	-156.19	12	beluga	15	2	mill	-1	True
312	71.56	-156.19	12	beluga	4	2	swim	92	True
366	71.61	-155.72	12	beluga	3	1	mill	-1	True
367	71.62	-155.71	12	beluga	1	0	breach	-1	True
368	71.62	-155.71	12	beluga	1	0	swim	279	True
370	71.63	-155.71	12	beluga	2	0	mill	-1	True
460	71.11	-154.83	12	beluga	2	1	mill	-1	False
462	71.09	-154.78	12	beluga	1	0	swim	18	False
463	71.09	-154.77	12	beluga	1	0	swim	289	False
466	71.07	-154.73	12	beluga	2	0	swim	139	False
468	71.06	-154.69	12	beluga	20	0	swim	315	False
469	71.06	-154.68	12	beluga	20	0	swim	315	False
470	71.05	-154.66	12	beluga	2	1	swim	314	False
472	71.05	-154.65	12	beluga	1	0	swim	-1	False
547	71.5	-154.03	12	beluga	1	1	swim	-1	True

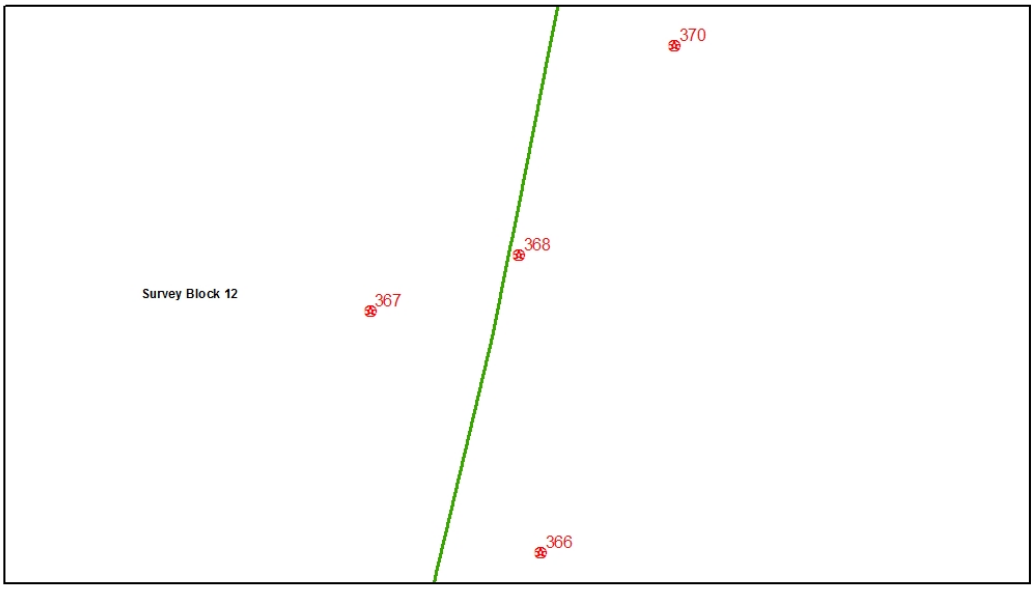

Flightlines by Sea State
B0 - B2
B3 - B5
B6 - B8
NA
Cetacean Sightings - Labeled by sighting number as shown on Summary Table
NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 14, 8/11/2015 10:49:12 AM
105 0 10 20 30 40
Kilometers
Survey Block 13
Survey Block 12
Survey Block 11
Survey Block 10
Survey Block 2
Survey Block 3
Survey Block 1
Barrow
Smith Bay
Cape Halkett
Harrison Bay
Cross Island
Nuiqsut
Deadhorse
368
370
367
547
462
463
466
472

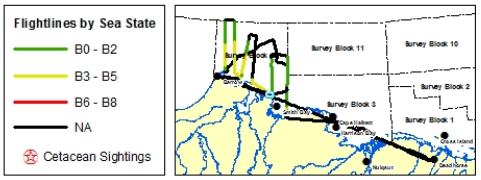

Flightlines by Sea State
B0 - B2
B3 - B5
B6 - B8
NA
Cetacean Sightings
NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 14, High Density Cluster 1, 8/11/2015 10:49:12 AM
0.4 0.2 0 0.4 0.8 1.2 1.6
Kilometers
156°0'0"W
301
304
Survey Block 12
307
308
309
311
312

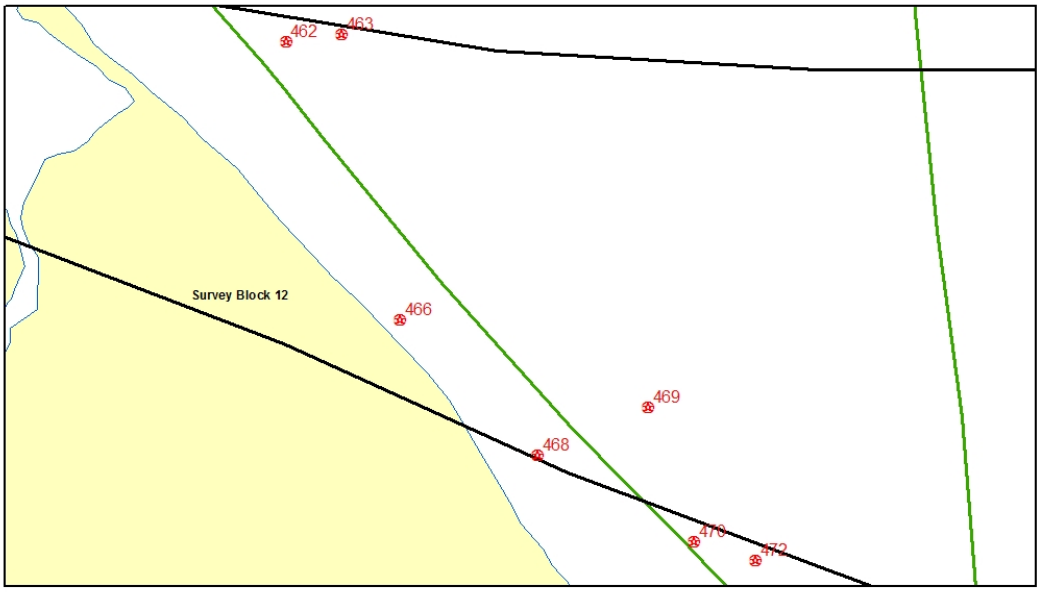


NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 14, High Density Cluster 2, 8/11/2015 10:49:12 AM

0 0.1 0.2 0.3 0.4
Kilometers





NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 14, High Density Cluster 3, 8/11/2015 10:49:12 AM

0 0.1 0.2 0.4 0.6 0.8
Kilometers