

ASAMM-Beaufort – Flight 35 – 23 September 2015

Area flown: Block 1, 4 complete transects; block 2, 4 complete transects; block 4, 6 complete transects; block 6, 2 complete and 4 partial transects.

Total hours flown: 7.5 (2 flights)

Total transect hours: 4.7

Number of bowhead whales seen: 5 (no calves)

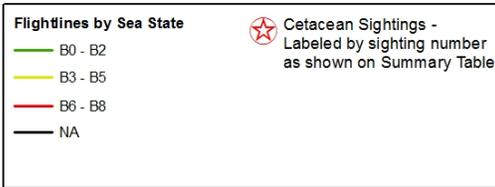
Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1-5. Visibility varied from 0 to 10 km; with visual impediments including fog, glare, ice on window, low ceiling, and precipitation. Sea ice cover ranged from 0–50% new and broken floe ice in the area surveyed. Survey coverage on the offshore ends of some transects in block 6 was limited due to low ceilings.

Sightings: Bowhead whales (including 1 dead), belugas (including 2 calves), small unidentified pinnipeds, and polar bears. All of the polar bears were on Cross Island. Post-flight review of aerial photographs confirmed that there were 46 polar bears (including 4 cubs), walking and resting.

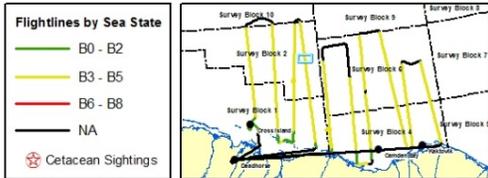
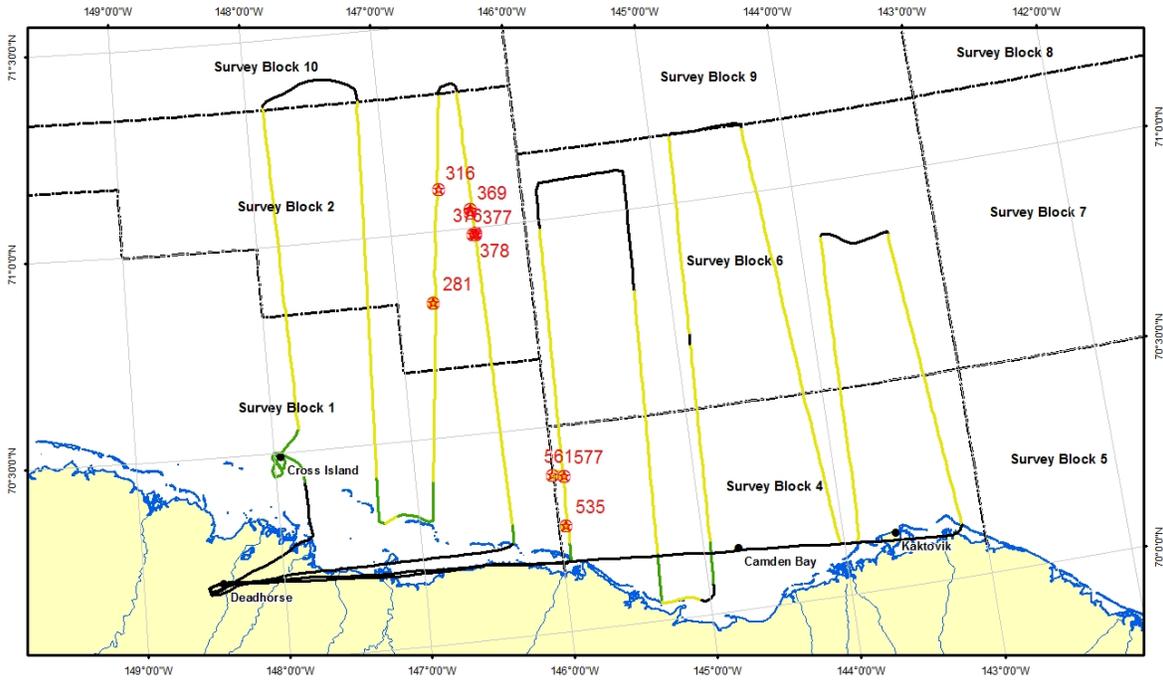
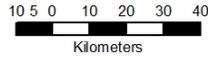
Preliminary Summary, Flight 35 Date: 9/23/2015

Total bowhead whales: 5	Start time: 9/23/2015 9:50:45 AM	End time: 9/23/2015 7:12:53 PM
Bowhead whale sightings: 4	Transect minutes: 282	Transect km:1011
Bowhead whales on transect: 3	Circling minutes: 33	Circling km: 106.1
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 315	Trans+Circ km: 1117.1
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 10	Search km: 38
Bowhead whale repeats: 1	Total minutes: 451	Total km: 1758.7
Possible repeats: 0	Deadhead minutes: 126	Deadhead km: 603.6
Total gray whales: 0	Search blocks: 10, 1, 6, 2, 4	
Total belugas: 14	Transect blocks: 1, 2, 10, 6, 4	
Other whale sightings: 0		
Walruses: No		
Total polar bears: 46		

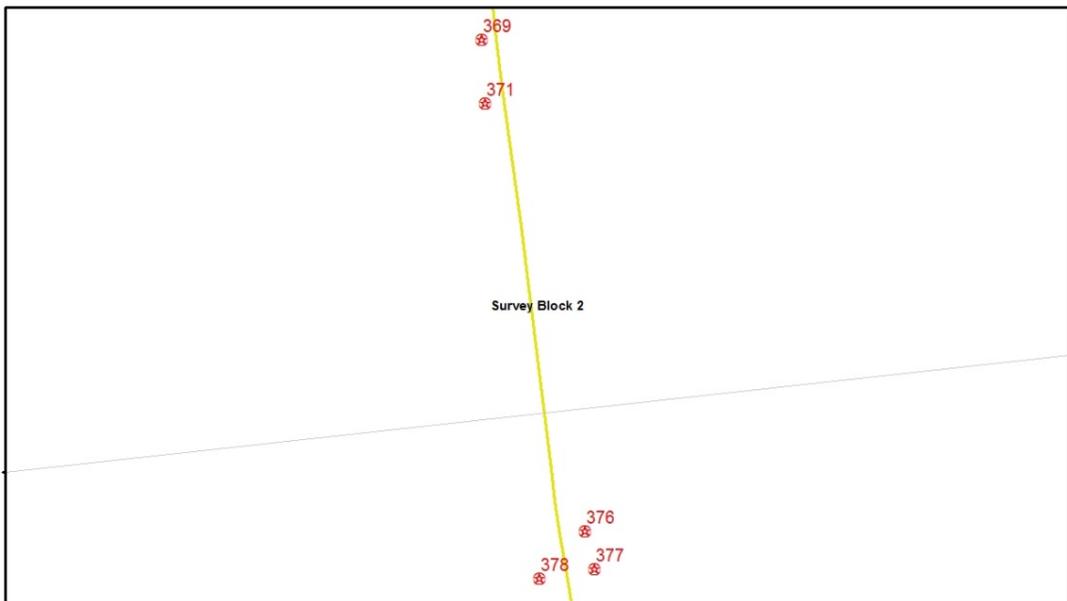
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
281	70.83	-146.72	2	bowhead whale	1	0	dead	-1	True
316	71.1	-146.62	2	beluga	1	0	rest	-1	True
369	71.04	-146.38	2	beluga	1	0	rest	-1	True
371	71.04	-146.38	2	beluga	3	0	mill	-1	True
376	70.99	-146.38	2	beluga	1	0	swim	327	True
377	70.98	-146.38	2	beluga	6	1	mill	-1	True
378	70.98	-146.38	2	beluga	2	1	mill	-1	True
535	70.25	-145.94	4	bowhead whale	1	0	breach	-1	True
561	70.38	-145.94	1	bowhead whale	1	0	breach	-1	True
577	70.37	-145.92	4	bowhead whale	2	0	swim	-1	False



NOAA/FSC/NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 35, 9/23/2015 9:47:53 AM



NOAA/FSC/NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 35, High Density Cluster 1, 9/23/2015 9:47:53 AM





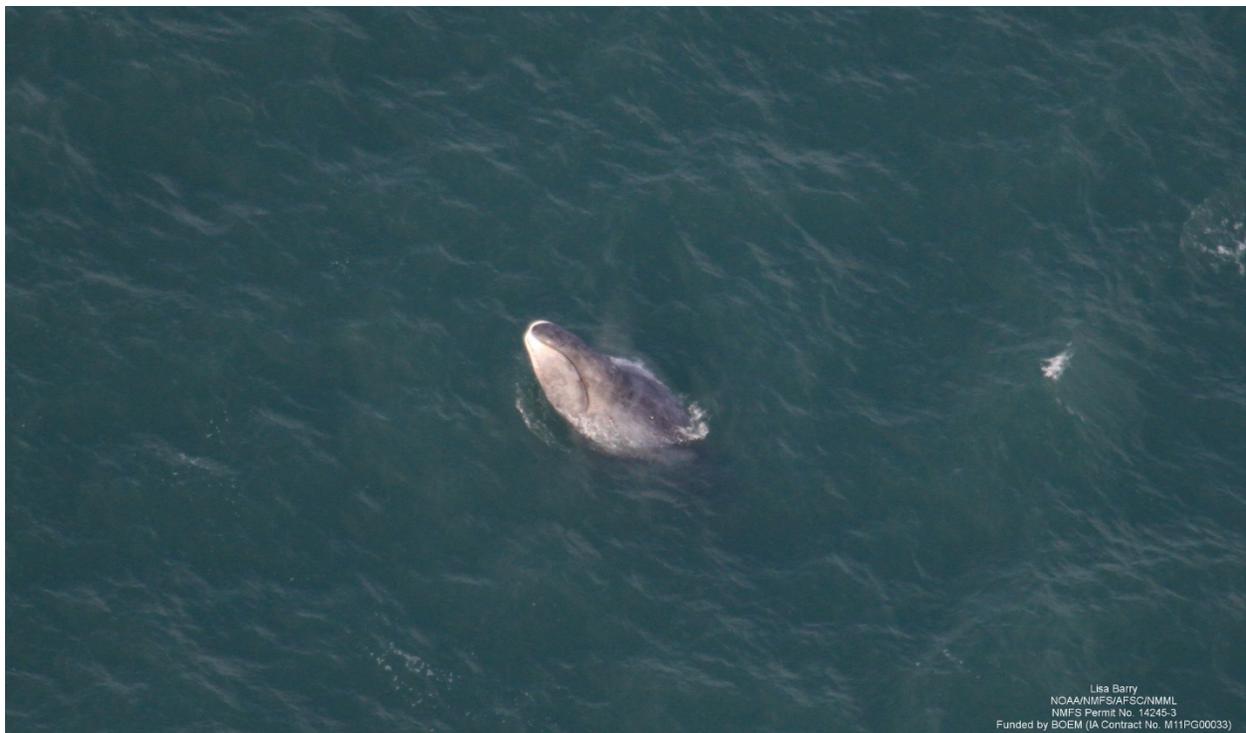
Polar bears, including a sow and large cub, walking on Cross Island, ASAMM-Beaufort Flight 35, 23 September 2015.



Where's *Ursus*? Polar bears spread out across Cross Island, ASAMM-Beaufort Flight 35, 23 September 2015. How many bears can you find?



Dead bowhead whale sighted floating in the western Alaskan Beaufort Sea, ~90 km NE of Deadhorse (Event 281), ASAMM-Beaufort Flight 35, 23 September 2015.



Young bowhead whale chin breaching, sighted in the western Alaskan Beaufort Sea, ~90 km ENE of Deadhorse (Event 561), ASAMM-Beaufort Flight 35, 23 September 2015.