

## ASAMM-Beaufort – Flight 36 – 25 September 2015

Area flown: Block 5, 4 complete transects; block 7, 2 complete and 2 partial transects.

Total hours flown: 5.1

Total transect hours: 2.7

Number of bowhead whales seen: 9 (1 calf)

Weather and visibility: Skies were partly cloudy to clear. Sea state ranged from Beaufort 2-7.

Visibility varied from <1 km to unlimited, with visual impediments including fog, glare, haze, and low ceiling. No sea ice was observed in the area surveyed. Transect lines in block 7 were truncated due to high sea states.

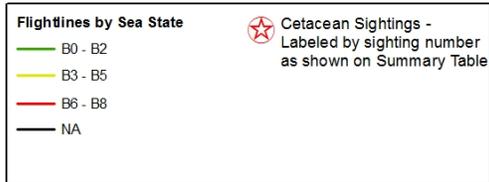
Sightings: Bowhead whales, belugas, 1 bearded seal, and small unidentified pinnipeds.

### Preliminary Summary, Flight 36 Date: 9/25/2015

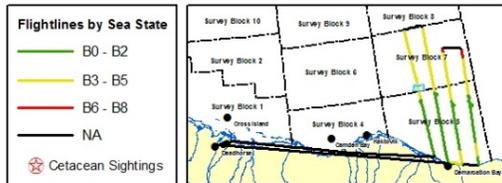
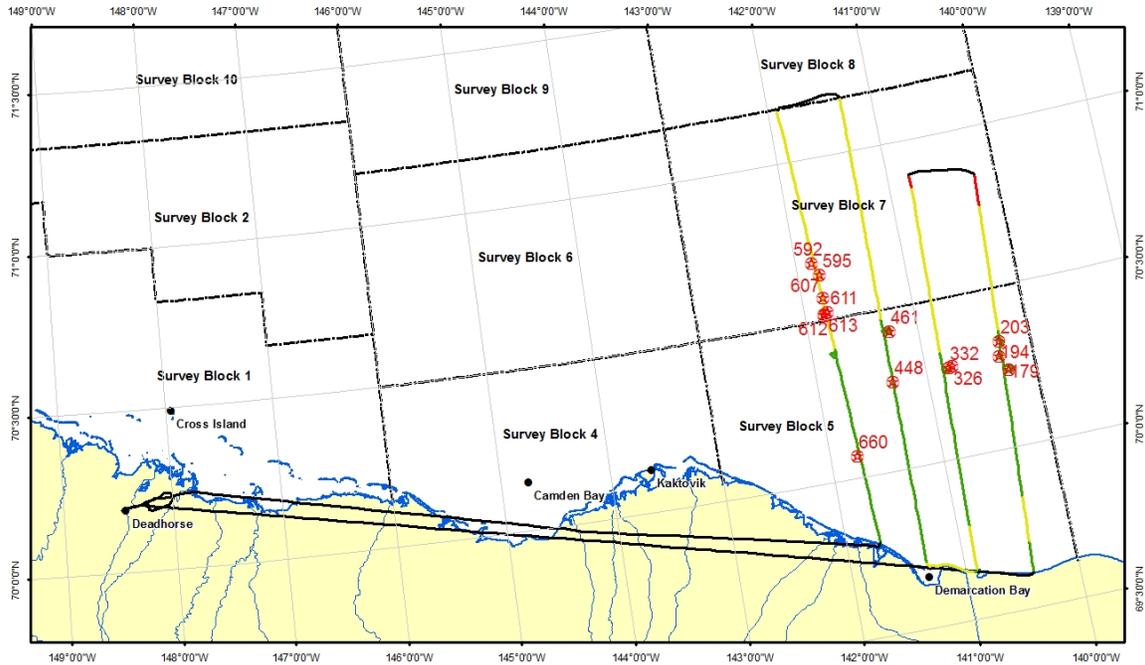
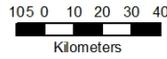
Total bowhead whales: 9	Start time: 9/25/2015 9:23:25 AM	End time: 9/25/2015 2:27:46 PM
Bowhead whale sightings: 8	Transect minutes: 163	Transect km:586
Bowhead whales on transect: 8	Circling minutes: 25	Circling km: 78.2
Bowhead whale cow-calf pairs: 1	Trans+Circ minutes: 188	Trans+Circ km: 664.2
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 5	Search km: 20.1
Bowhead whale repeats: 0	Total minutes: 304	Total km: 1337.2
Possible repeats: 0	Deadhead minutes: 111	Deadhead km: 652.9
Total gray whales: 0	Search blocks: 7, 5, 8	
Total belugas: 7	Transect blocks: 5, 7	
Other whale sightings: 0		
Walrus: No		
Total polar bears: 0		

### Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
179	70.24	-140.3	5	bowhead whale	1	0	swim	274	True
194	70.28	-140.29	5	bowhead whale	1	0	swim	333	True
203	70.33	-140.29	5	bowhead whale	1	0	unknown	-1	True
326	70.28	-140.85	5	bowhead whale	1	0	swim	270	True
332	70.28	-140.78	5	bowhead whale	1	0	swim	-1	False
448	70.27	-141.32	5	bowhead whale	1	0	swim	271	True
461	70.43	-141.31	5	bowhead whale	2	1	swim	270	True
592	70.68	-141.83	7	beluga	1	0	swim	236	True
595	70.64	-141.82	7	beluga	1	0	rest	-1	True
607	70.57	-141.81	7	beluga	1	0	rest	-1	True
611	70.52	-141.8	7	beluga	1	0	swim	238	True
612	70.52	-141.8	7	beluga	1	0	swim	268	True
613	70.51	-141.8	7	beluga	2	0	swim	267	True
660	70.07	-141.74	5	bowhead whale	1	0	swim	268	True



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Aerial Surveys of Arctic Marine Mammals Program  
Flight 36, 9/25/2015 9:13:44 AM



NOAA/AFSC/ NMML-BOEM  
Aerial Surveys of Arctic Marine Mammals Program  
Flight 36, High Density Cluster 1, 9/25/2015 9:13:44 AM

