

ASAMM-Beaufort – Flight 9 – 31 July 2016

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

Total hours flown: 3.2

Total transect hours: 1.2

Number of bowhead whales seen: 8 (5 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2-6. Visibility ranged from 0 km to unlimited, with low ceilings, fog, glare, and haze. Sea ice ranged from 0 to 90 percent broken floe ice in the area surveyed.

Sightings: Bowhead whales, belugas (including 1 calf), and small unidentified pinnipeds. Four of the bowhead calves were initially observed unaccompanied by an adult, and remained unaccompanied during 2-5 minutes of subsequent observations.

Preliminary Summary, Flight 9 Date: 7/31/2016

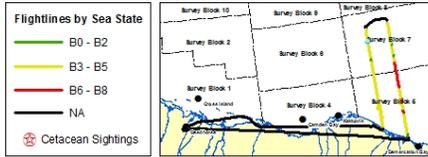
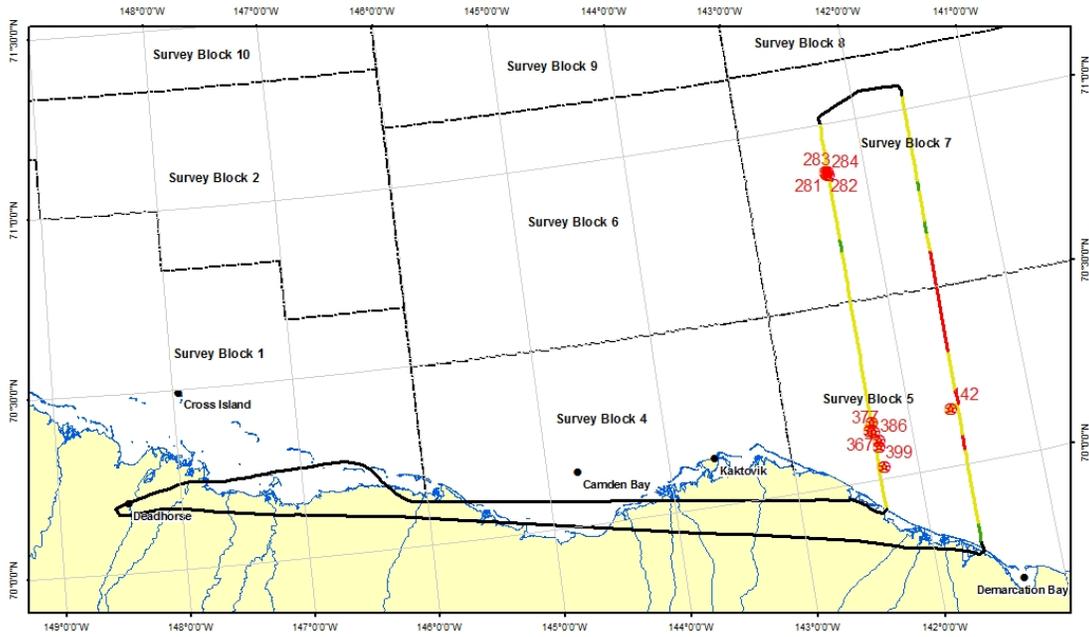
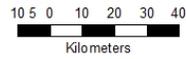
Total bowhead whales: 8	Start time: 7/31/2016 1:04:17 PM	End time: 7/31/2016 4:17:55 PM
Bowhead whale sightings: 7	Transect minutes: 70	Transect km:253.7
Bowhead whales on transect: 7	Circling minutes: 16	Circling km: 45
Bowhead whale cow-calf pairs: 5	Trans+Circ minutes: 86	Trans+Circ km: 298.7
Bowhead whale cow-calf pairs on transect: 5	Search minutes: 0	Search km: 1
Bowhead whale repeats: 0	Total minutes: 193	Total km: 855
Possible repeats: 0	Deadhead minutes: 107	Deadhead km: 555.3
Total gray whales: 0	Search blocks: 7, 5	
Total belugas: 5	Transect blocks: 5, 7	
Other whale sightings: 0		
Walrus: No		
Total polar bears: 0		

Cetacean Sightings:

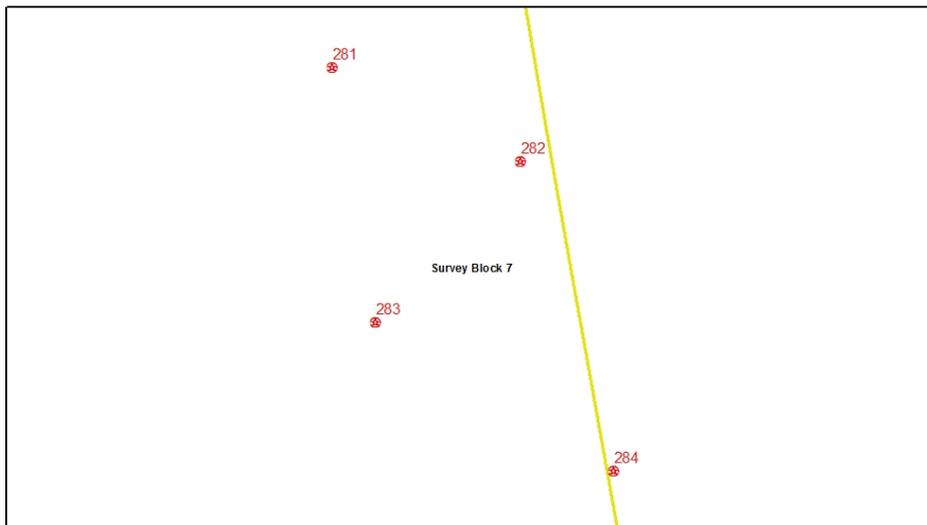
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
142	70.16	-141.6	5	bowhead whale	1	1	other	-1	True
281	70.87	-142.31	7	beluga	1	0	swim	270	True
282	70.87	-142.31	7	beluga	1	0	swim	270	True
283	70.86	-142.31	7	beluga	1	0	swim	270	True
284	70.86	-142.31	7	beluga	2	1	swim	360	True
358	70.16	-142.31	5	bowhead whale	1	0	swim	270	True
367	70.14	-142.32	5	bowhead whale	2	1	swim	269	True
377	70.13	-142.31	5	bowhead whale	1	1	swim	269	True
386	70.11	-142.3	5	bowhead whale	1	1	swim	281	True
391	70.09	-142.28	5	bowhead whale	1	0	swim	-1	False
399	70.03	-142.32	5	bowhead whale	1	1	swim	267	True



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Aerial Surveys of Arctic Marine Mammals Program
Flight 9, 7/31/2016 12:56:54 PM



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Aerial Surveys of Arctic Marine Mammals Program
Flight 9, High Density Cluster 1, 7/31/2016 12:56:54 PM



NOAA/FSC/INMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 9, High Density Cluster 2, 7/31/2016 12:56:54 PM

