

ASAMM-Beaufort – Flight 16 – 14 August 2015

Area flown: Block 4, 5 complete transects; block 5, 1 complete and 2 partial transects; block 6, 5 partial transects; block 7, 1 complete transect.

Total hours flown: 5.1

Total transect hours: 2.5

Number of bowhead whales seen: 2 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 0 to 3. Visibility varied from 0 km to unlimited, with fog, low ceilings, glare, and precipitation. Sea ice cover ranged from 0-87% broken floe ice in the area surveyed. Extensive areas of fog and low ceilings prevented survey effort in portions of blocks 5, 6, and 7.

Sightings: Bowhead whales, belugas, one unidentified cetacean, and small unidentified pinnipeds.

Preliminary Summary, Flight 16 Date: 8/14/2015

Total bowhead whales: 2	Start time: 8/14/2015 2:15:44 PM	End time: 8/14/2015 7:22:39 PM
Bowhead whale sightings: 1	Transect minutes: 147	Transect km: 509.8
Bowhead whales on transect: 2	Circling minutes: 28	Circling km: 85
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 175	Trans+Circ km: 594.8
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 27	Search km: 86
Bowhead whale repeats: 0	Total minutes: 307	Total km: 1215.2
Possible repeats: 0	Deadhead minutes: 105	Deadhead km: 534.4
Total gray whales: 0	Search blocks: 5, 8, 4, 6	
Total belugas: 2	Transect blocks: 5, 7, 6, 4	
Other whale sightings: 1		
Walruses: No		
Total polar bears: 0		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
211	70.1	-142.29	5	unid cetacean	1	0	rest	-1	True
435	70.66	-143.32	6	beluga	2	0	swim	264	True
563	70.49	-144.29	4	bowhead whale	2	0	swim	280	True



NOAA/FSC/INMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 16, 8/14/2015 2:11:31 PM

