

ASAMM-Beaufort – Flight 10 – 2 August 2016

Area flown: Block 3, 4 complete and 2 partial transects; block 11, 4 partial transects.

Total hours flown: 4.2

Total transect hours: 2.0

Number of bowhead whales seen: 6 (1 calf)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2-7. Visibility ranged from 0 to 10 km, with low ceilings, fog, and glare. Sea ice ranged from 0 to 83 percent broken floe ice in the area surveyed.

Sightings: Bowhead whales, one bearded seal, and one small unidentified pinniped.

Preliminary Summary, Flight 10 Date: 8/2/2016

Total bowhead whales: 6	Start time: 8/2/2016 2:04:58 PM	End time: 8/2/2016 6:13:00 PM
Bowhead whale sightings: 5	Transect minutes: 122	Transect km:453
Bowhead whales on transect: 0	Circling minutes: 7	Circling km: 17.1
Bowhead whale cow-calf pairs: 1	Trans+Circ minutes: 129	Trans+Circ km: 470.1
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 54	Search km: 203.7
Bowhead whale repeats: 0	Total minutes: 249	Total km: 980.8
Possible repeats: 0	Deadhead minutes: 66	Deadhead km: 307
Total gray whales: 0	Search blocks: 1, 3, 11	
Total belugas: 0	Transect blocks: 3, 11	
Other whale sightings: 0		
Walruses: No		
Total polar bears: 0		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
41	70.76	-149.86	1	bowhead whale	1	0	swim	264	False
42	70.77	-149.88	1	bowhead whale	1	0	swim	24	False
64	70.89	-150.58	3	bowhead whale	2	1	swim	47	False
368	71.12	-153.34	3	bowhead whale	1	0	rest	-1	False
669	70.94	-151.33	3	bowhead whale	1	0	swim	272	False

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Aerial Surveys of Arctic Marine Mammals Program
Flight 10, 8/2/2016 2:00:38 PM

Flightlines by Sea State

- B0 - B2 (Green line)
- B3 - B5 (Yellow line)
- B6 - B8 (Red line)
- NA (Black line)

Cetacean Sightings -
Labeled by sighting number
as shown on Summary Table

