

ASAMM-Beaufort – Flight 6 – 27 July 2016

Area flown: Blocks 4 and 6, 4 complete transects; block 9, 4 partial transects. Transects extended into block 9, which was included this year to incorporate survey effort specific to the Eastern Chukchi Sea beluga stock.

Total hours flown: 4.1

Total transect hours: 2.8

Number of bowhead whales seen: 2 (0 calves)

Weather and visibility: Skies were partly cloudy. Sea state ranged from Beaufort 0-4. Visibility ranged from 5 -10 km to unlimited, with glare and haze. Sea ice ranged from 0 to 75 percent broken floe ice in the area surveyed.

Sightings: Two bowhead whales, one polar bear, one bearded seal, and small unidentified pinnipeds. The polar bear was swimming approximately 5 km offshore, in 3 percent broken floe sea ice.

Preliminary Summary, Flight 6 Date: 7/27/2016

Total bowhead whales: 2	Start time: 7/27/2016 10:03:33 AM	End time: 7/27/2016 2:07:07 PM
Bowhead whale sightings: 2	Transect minutes: 168	Transect km:646.8
Bowhead whales on transect: 0	Circling minutes: 9	Circling km: 26.5
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 177	Trans+Circ km: 673.3
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 1	Search km: 1.3
Bowhead whale repeats: 0	Total minutes: 244	Total km: 1006.8
Possible repeats: 0	Deadhead minutes: 66	Deadhead km: 332.2
Total gray whales: 0	Search blocks: 9, 4	
Total belugas: 0	Transect blocks: 4, 6, 9	
Other whale sightings: 0		
Walruses: No		
Total polar bears: 1		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
469	70.62	-144.87	6	bowhead whale	1	0	swim	-1	False
471	70.61	-144.86	6	bowhead whale	1	0	swim	-1	False

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Aerial Surveys of Arctic Marine Mammals Program
Flight 6, 7/27/2016 9:48:05 AM

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

