

ASAMM-Beaufort – Flight 4 – 24 July 2016

Area flown: Blocks 3 and 11, 4 complete transects. Transects extended north of block 11 to incorporate survey effort specific to the Eastern Chukchi Sea beluga stock.

Total hours flown: 4.5

Total transect hours: 3.4

Number of bowhead whales seen: 1 (0 calves)

Weather and visibility: Skies were clear. Sea state ranged from Beaufort 1-6. Visibility ranged from <1 km to unlimited, with low ceilings and glare. Sea ice ranged from 0 to 93 percent broken floe ice in the area surveyed.

Sightings: One bowhead whale, belugas (including 1 calf), and one small unidentified pinniped.

Preliminary Summary, Flight 4 Date: 7/24/2016

Total bowhead whales: 1	Start time: 7/24/2016 1:21:36 PM	End time: 7/24/2016 5:53:25 PM
Bowhead whale sightings: 1	Transect minutes: 203	Transect km: 740.1
Bowhead whales on transect: 1	Circling minutes: 1	Circling km: 4.1
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 204	Trans+Circ km: 744.2
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 1	Search km: 1.4
Bowhead whale repeats: 0	Total minutes: 272	Total km: 1053.3
Possible repeats: 0	Deadhead minutes: 67	Deadhead km: 307.7
Total gray whales: 0	Search blocks: 0, 3	
Total belugas: 2	Transect blocks: 3, 11, 0	
Other whale sightings: 0		
Walrus: No		
Total polar bears: 0		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
130	71.35	-151.77	11	bowhead whale	1	0	swim	182	True
209	72.16	-151.61	0	beluga	2	1	swim	124	True

NOAA\AFSC\NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 4, 7/24/2016 1:11:32 PM

Flightlines by Sea State

- B0 - B2
- B3 - B5
- B6 - B8
- NA

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

