

ASAMM-Beaufort – Flight 33 – 14 September 2016

Area flown: Block 5, 4 complete transects; block 6, 6 complete transects; block 7, 4 complete transects.

Total hours flown: 8.1 (2 flights)

Total transect hours: 4.6

Number of bowhead whales seen: 10 (2 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1-4. Visibility ranged from 0 km to unlimited, with glare, haze, low ceilings, precipitation, and ice on the window. There was no sea ice in the area surveyed.

Sightings: Bowhead whales, unidentified pinnipeds, and small unidentified pinnipeds. One bowhead whale carcass, a calf, was observed approximately 80 km northeast of Kaktovik.

Preliminary Summary, Flight 33 Date: Wednesday, September 14, 2016

Total bowhead whales: 10	Start time: 9/14/2016 9:06:18 AM	End time: 9/14/2016 6:12:15 PM
Bowhead whale sightings: 6	Transect minutes: 280	Transect km: 1026.8
Bowhead whales on transect: 9	Circling minutes: 12	Circling km: 32.2
Bowhead whale cow-calf pairs: 2	Trans+Circ minutes: 292	Trans+Circ km: 1059
Bowhead whale cow-calf pairs on transect: 2	Search minutes: 1	Search km: 4.6
Bowhead whale repeats: 0	Total minutes: 487	Total km: 2069.1
Possible repeats: 0	Deadhead minutes: 194	Deadhead km: 1005.5
Total gray whales: 0	Search blocks: 4,5,8,9	
Total belugas: 0	Transect blocks: 5,6,7	
Other whale sightings: 0		
walrus: no		
Total polar bears: 0		

Cetacean Sightings

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
139	70.03	-141.11	5	bowhead whale	4	0	swim	-1	True
284	70.33	-141.55	5	bowhead whale	1	1	dead	-1	True
368	70.1	-142.12	5	bowhead whale	2	1	swim	301	True
522	70.18	-142.72	5	bowhead whale	1	0	swim	64	True
527	70.18	-142.73	5	bowhead whale	1	0	swim	-1	False
531	70.14	-142.73	5	bowhead whale	1	0	swim	94	True

Flightlines by Sea State

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

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

NOAA\AFSC\NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 33, 9/14/2016 8:56:01 AM

