

ASAMM-Beaufort – Flight 17 – 21 August 2017

Area flown: Coastal transect from the western side of block 5 to approximately 70 km northwest of Deadhorse.

Total hours flown: 2.3

Total transect hours: 1.1

Number of bowhead whales seen: 0 (0 calves)

Weather and visibility: Skies were overcast to partly cloudy. Sea state ranged from Beaufort 2 to 3. Visibility ranged from 0 km to 10 km, with glare and low ceilings. There was no sea ice in the area surveyed. Widespread low ceilings and low visibility prevented any offshore survey effort.

Sightings: Belugas, small unidentified pinnipeds, and polar bears. All polar bears but one were on barrier islands, and the one not on land was swimming adjacent to a barrier island.

Preliminary Summary, Flight 17 Date: Monday, August 21, 2017

Total bowhead whales: 0	Start time: 8/21/2017 4:51:57 PM	End time: 8/21/2017 7:11:41 PM
Bowhead whale sightings: 0	Transect minutes: 67	Transect km: 234.2
Bowhead whales on transect: 0	Circling minutes: 0	Circling km: 0
Bowhead whale calves: 0	Trans+Circ minutes: 67	Trans+Circ km: 234.2
Bowhead whale calves on transect: 0	Search minutes: 12	Search km: 34.6
Bowhead whale repeats: 0	Total minutes: 139	Total km: 590.4
Possible repeats: 0	Deadhead minutes: 61	Deadhead km: 321.6
Total gray whales: 0	Search blocks: 1	
Total belugas: 6	Transect blocks: 1,4,5	
Other whale sightings: 0		
walrus: no		
Total polar bears: 28		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
147	69.99	-144.85	4	beluga	1	0	swim	273	False
148	69.99	-144.86	4	beluga	5	0	swim	275	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\MML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 17, 8/21/2017 4:51:57 PM

