

ASAMM-Beaufort – Flight 21 – 27 August 2017

Area flown: Block 1, 3 complete transects; block 2, 3 complete transects; block 3, 2 complete transects and 1 partial transect; block 10, 1 complete transect and 1 partial transect; block 11, 2 complete transects and 1 partial transect.

Total hours flown: 4.8

Total transect hours: 3.3

Number of bowhead whales seen: 2 (0 calves)

Weather and visibility: Skies were overcast. Sea state ranged from Beaufort 2 to 6. Visibility ranged from 0 to 10 km, with low ceilings and precipitation. There was no sea ice in the area surveyed.

Sightings: Bowhead whales, polar bears, and small unidentified pinnipeds. The polar bears were primarily resting on barrier islands.

Preliminary Summary, Flight 21 Date: Sunday, August 27, 2017

Total bowhead whales: 2	Start time: 8/27/2017 9:17:50 AM	End time: 8/27/2017 2:05:22 PM
Bowhead whale sightings: 2	Transect minutes: 196	Transect km: 755.8
Bowhead whales on transect: 2	Circling minutes: 7	Circling km: 20
Bowhead whale calves: 0	Trans+Circ minutes: 203	Trans+Circ km: 775.8
Bowhead whale calves on transect: 0	Search minutes: 12	Search km: 45.8
Bowhead whale repeats: 0	Total minutes: 287	Total km: 1144.8
Possible repeats: 0	Deadhead minutes: 72	Deadhead km: 323.2
Total gray whales: 0	Search blocks: 1,3,10,11	
Total belugas: 0	Transect blocks: 1,2,3,10,11	
Other whale sightings: 0		
walrus: no		
Total polar bears: 4		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
319	71.01	-150.46	3	bowhead whale	1	0	swim	180	True
564	70.85	-149.46	1	bowhead whale	1	0	swim	181	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 21, 8/27/2017 9:17:50 AM

