

## ASAMM-Beaufort – Flight 18 – 24 August 2017

Area flown: Block 3, 1 partial transect; block 4, 4 complete transects; block 6, 4 partial transects; and block 10, 1 complete transect

Total hours flown: 5.1

Total transect hours: 2.4

Number of bowhead whales seen: 5 (0 calves)

Weather and visibility: Skies were overcast to partly cloudy. Sea state ranged from Beaufort 2 to 5. Visibility ranged from 0 km to 10 km, with glare, low ceilings, and precipitation. There was no sea ice in the area surveyed.

Sightings: Bowhead whales, belugas (including 5 calves), and one walrus carcass.

### Preliminary Summary, Flight 18 Date: Thursday, August 24, 2017

Total bowhead whales: 5	Start time: 8/24/2017 1:11:48 PM	End time: 8/24/2017 6:15:23 PM
Bowhead whale sightings: 4	Transect minutes: 144	Transect km: 536
Bowhead whales on transect: 3	Circling minutes: 18	Circling km: 58.4
Bowhead whale calves: 0	Trans+Circ minutes: 163	Trans+Circ km: 594.4
Bowhead whale calves on transect: 0	Search minutes: 16	Search km: 59.1
Bowhead whale repeats: 0	Total minutes: 303	Total km: 1353.6
Possible repeats: 0	Deadhead minutes: 125	Deadhead km: 700.1
Total gray whales: 0	Search blocks: 3,4,6	
Total belugas: 15	Transect blocks: 3,4,6,10	
Other whale sightings: 0		
walrus: yes		
Total polar bears: 0		

### Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
369	70.12	-145.69	4	beluga	4	2	swim	311	False
370	70.12	-145.66	4	beluga	10	3	swim	309	False
379	70.14	-145.45	4	bowhead whale	1	0	swim	178	True
443	70.92	-145.46	6	beluga	1	0	swim	300	True
532	70.17	-144.95	4	bowhead whale	1	0	swim	-1	True
543	70.17	-145.16	4	bowhead whale	2	0	swim	-1	False
604	70.36	-144.47	4	bowhead whale	1	0	swim	271	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 18, 8/24/2017 1:11:48 PM**

