

## ASAMM-Beaufort – Flight 23 – 29 August 2017

Area flown: Block 1, 5 complete transects and 1 partial transect; block 2, 6 complete transects; block 3, 2 complete transects; block 10, 2 partial transects; block 11, 2 complete transects.

Total hours flown: 6.0 (2 flights)

Total transect hours: 4.4

Number of bowhead whales seen: 3 (0 calves)

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

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

### Preliminary Summary, Flight 23 Date: Tuesday, August 29, 2017

Total bowhead whales: 3	Start time: 8/29/2017 1:19:25 PM	End time: 8/29/2017 8:08:49 PM
Bowhead whale sightings: 3	Transect minutes: 265	Transect km: 1020.2
Bowhead whales on transect: 3	Circling minutes: 13	Circling km: 39.2
Bowhead whale calves: 0	Trans+Circ minutes: 278	Trans+Circ km: 1059.4
Bowhead whale calves on transect: 0	Search minutes: 15	Search km: 53.1
Bowhead whale repeats: 0	Total minutes: 360	Total km: 1449.3
Possible repeats: 0	Deadhead minutes: 67	Deadhead km: 336.8
Total gray whales: 0	Search blocks: 1,2,3,10	
Total belugas: 0	Transect blocks: 1,2,3,10,11	
Other whale sightings: 1		
walrus: no		
Total polar bears: 22		

### Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
507	70.97	-150.96	3	bowhead whale	1	0	swim	92	True
699	70.82	-150.45	3	bowhead whale	1	0	swim	90	True
900	70.89	-149.45	1	bowhead whale	1	0	swim	270	True
924	70.61	-149.45	1	unid cetacean	1	0	unknown	-1	True

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 Aerial Surveys of Arctic Marine Mammals Program  
 Flight 23, 8/29/2017 1:19:25 PM

**Flightlines by Sea State**

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

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

