

ASAMM-Beaufort – Flight 19 – 24 August 2015

Area flown: Block 1, 1 partial transect; block 4, 3 complete and 2 partial transects; block 6, 1 complete transect; conducted nearshore search survey from Camden Bay to northeast of Deadhorse.

Total hours flown: 3.6

Total transect hours: 1.3

Number of bowhead whales seen: 4 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2 to 6. Visibility varied from 0 km to unlimited, with fog, low ceilings, and glare. Sea ice cover ranged from 0 - 40% broken floe ice in the area surveyed. Reduced visibility caused by fog and low ceilings prevented transect coverage elsewhere.

Sightings: Bowhead whales.

Preliminary Summary, Flight 19 Date: 8/24/2015

Total bowhead whales: 4	Start time: 8/24/2015 3:22:22 PM	End time: 8/24/2015 6:55:54 PM
Bowhead whale sightings: 4	Transect minutes: 80	Transect km: 298.5
Bowhead whales on transect: 2	Circling minutes: 12	Circling km: 44.1
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 92	Trans+Circ km: 342.6
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 51	Search km: 188.7
Bowhead whale repeats: 0	Total minutes: 213	Total km: 878.2
Possible repeats: 0	Deadhead minutes: 70	Deadhead km: 346.9
Total gray whales: 0	Search blocks: 1, 6, 4	
Total belugas: 0	Transect blocks: 1, 6, 4	
Other whale sightings: 0		
Walrus: No		
Total polar bears: 0		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
159	70.53	-145.88	6	bowhead whale	1	0	swim	275	True
319	70.28	-144.71	4	bowhead whale	1	0	swim	270	True
325	70.29	-144.77	4	bowhead whale	1	0	swim	-1	False
327	70.31	-144.77	4	bowhead whale	1	0	swim	-1	False

NOAA/FSC/NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 19, 8/24/2015 3:14:07 PM

Flightlines by Sea State

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

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

