

## ASAMM-Beaufort – Flight 45 – 8 October 2015

Area flown: Block 12, 5 partial transects.

Total hours flown: 3.1 (2 flights)

Total transect hours: 0.6

Number of bowhead whales seen: 4 (0 calves)

Weather and visibility: Skies were overcast. Sea state ranged from Beaufort 2-5. Visibility varied from <1-10 km, with low ceilings. Sea ice cover ranged from 0-10% new and grease ice in the area surveyed. Low ceilings and high sea states rendered the rest of the study area not worth surveying.

Sightings: Bowhead whales.

### Preliminary Summary, Flight 45 Date: 10/8/2015

Total bowhead whales: 4	Start time: 10/8/2015 10:15:50 AM	End time: 10/8/2015 2:41:40 PM
Bowhead whale sightings: 4	Transect minutes: 38	Transect km:139.7
Bowhead whales on transect: 3	Circling minutes: 4	Circling km: 10.4
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 42	Trans+Circ km: 150.1
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 15	Search km: 52.4
Bowhead whale repeats: 0	Total minutes: 189	Total km: 888.9
Possible repeats: 0	Deadhead minutes: 132	Deadhead km: 686.4
Total gray whales: 0	Search blocks: 12	
Total belugas: 0	Transect blocks: 12	
Other whale sightings: 0		
Walrus: No		
Total polar bears: 0		

### Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
168	71.26	-154.75	12	bowhead whale	1	0	rest	-1	True
213	71.29	-155.49	12	bowhead whale	1	0	rest	-1	True
256	71.35	-155.9	12	bowhead whale	1	0	dive	-1	True
270	71.34	-156.17	12	bowhead whale	1	0	rest	-1	False

NOAA/FSC/NMML-BOEM  
 Aerial Surveys of Arctic Marine Mammals Program  
 Flight 45, 10/8/2015 10:11:00 AM

**Flightlines by Sea State**

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

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

