

ASAMM-Beaufort – Flight 39 – 29 September 2015

Area flown: Block 4, 2 complete and 2 partial transects; block 5, 2 complete transects; block 6, 4 complete transects; block 7, 2 complete transects. Conducted nearshore search survey from Camden Bay to 65 km WNW of Deadhorse.

Total hours flown: 4.9

Total transect hours: 3.0

Number of bowhead whales seen: 1 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1-5. Visibility varied from 0 km to unlimited, with visual impediments including fog, glare, haze, low ceiling, and precipitation. Sea ice cover ranged from 0–85% new and broken floe ice in the area surveyed. Transect lines in block 4 were truncated due to low ceilings.

Sightings: One bowhead whale and one beluga.

Preliminary Summary, Flight 39 Date: 9/29/2015

Total bowhead whales: 1	Start time: 9/29/2015 9:22:57 AM	End time: 9/29/2015 2:13:10 PM
Bowhead whale sightings: 1	Transect minutes: 181	Transect km:655.9
Bowhead whales on transect: 1	Circling minutes: 0	Circling km: 0
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 181	Trans+Circ km: 655.9
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 37	Search km: 130
Bowhead whale repeats: 0	Total minutes: 291	Total km: 1176.1
Possible repeats: 0	Deadhead minutes: 73	Deadhead km: 390.2
Total gray whales: 0	Search blocks: 8, 5, 4, 6, 1	
Total belugas: 1	Transect blocks: 5, 7, 8, 4, 6, 9	
Other whale sightings: 0		
Walrus: No		
Total polar bears: 0		

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
265	70.21	-142.98	5	bowhead whale	1	0	swim	270	True
298	70.22	-143.29	4	beluga	1	0	swim	305	True

NOAA/AFSC/NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 39, 9/29/2015 9:11:57 AM

Flightlines by Sea State

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

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

