

ASAMM-Beaufort – Flight 25 – 7 September 2015

Area flown: Block 1, 1 partial transect; block 6, 1 partial transect; block 12, 1 partial and 3 complete transects; conducted nearshore search survey from eastern end of Smith Bay to western side of Harrison Bay.

Total hours flown: 5.5 (2 flights)

Total transect hours: 1.8

Number of bowhead whales seen: 8 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2 to 5. Visibility varied from 0 to 10 km, with fog, low ceilings, glare, and precipitation. Sea ice cover ranged from 0 – 15% broken floe ice in the area surveyed. Low ceilings and fog prevented complete coverage of transects in blocks 1, 6, and portions of block 12.

Sightings: Bowhead whales, one bearded seal, and one small unidentified pinniped.

Preliminary Summary, Flight 25 Date: 9/7/2015

Total bowhead whales: 8	Start time: 9/7/2015 10:02:35 AM	End time: 9/7/2015 5:15:15 PM
Bowhead whale sightings: 6	Transect minutes: 101	Transect km: 379.4
Bowhead whales on transect: 4	Circling minutes: 9	Circling km: 26.4
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 110	Trans+Circ km: 405.8
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 30	Search km: 108.5
Bowhead whale repeats: 0	Total minutes: 328	Total km: 1465.1
Possible repeats: 0	Deadhead minutes: 188	Deadhead km: 950.8
Total gray whales: 0	Search blocks: 12, 3, 1, 6	
Total belugas: 0	Transect blocks: 12, 1, 6	
Other whale sightings: 0		
Walrus: No		
Total polar bears: 0		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
131	71.34	-154.38	12	bowhead whale	2	0	swim	328	True
216	71.78	-154.74	12	bowhead whale	1	0	rest	-1	True
325	71.19	-155.18	12	bowhead whale	1	0	swim	128	False
459	71.59	-156.72	12	bowhead whale	1	0	rest	-1	True
463	71.59	-156.74	12	bowhead whale	1	0	swim	-1	False
468	71.6	-156.73	12	bowhead whale	2	0	rest	-1	False

NOAA/AFSC/NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 25, 9/7/2015 10:00:22 AM

Flightlines by Sea State

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

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

