

ASAMM-Beaufort – Flight 44 – 6 October 2015

Area flown: Block 4, 4 complete transects; block 5, 2 complete transects; block 6, 2 complete and 2 partial transects; block 7, 2 partial transects.

Total hours flown: 5.0

Total transect hours: 3.2

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 0-10 km, with visual impediments including glare, low ceiling, ice on window, precipitation, and an awesome rainbow that completely surrounded the aircraft. Sea ice cover ranged from 0-20% new and broken floe in the area surveyed.

Sightings: One bowhead whale, belugas, and small unidentified pinnipeds.

Preliminary Summary, Flight 44 Date: 10/6/2015

Total bowhead whales: 1	Start time: 10/6/2015 10:21:34 AM	End time: 10/6/2015 3:19:28 PM
Bowhead whale sightings: 1	Transect minutes: 189	Transect km:703.2
Bowhead whales on transect: 1	Circling minutes: 2	Circling km: 4.5
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 191	Trans+Circ km: 707.7
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 10	Search km: 34.9
Bowhead whale repeats: 0	Total minutes: 298	Total km: 1237.5
Possible repeats: 0	Deadhead minutes: 97	Deadhead km: 494.9
Total gray whales: 0	Search blocks: 7, 8, 9, 6, 4, 5	
Total belugas: 9	Transect blocks: 5, 7, 8, 6, 4, 9	
Other whale sightings: 0		
Walrus: No		
Total polar bears: 0		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
152	70.57	-142.25	7	beluga	2	0	swim	84	True
154	70.58	-142.25	7	beluga	1	0	swim	147	True
157	70.62	-142.26	7	beluga	1	0	dive	-1	True
226	71.04	-142.62	7	beluga	3	0	swim	-1	True
357	70.67	-143.09	6	beluga	1	0	swim	269	True
358	70.68	-143.09	6	beluga	1	0	swim	271	True
683	70.41	-144.82	4	bowhead whale	1	0	swim	303	True

NOAA/FSC/NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 44, 10/6/2015 10:16:10 AM

Flightlines by Sea State

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

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

