

ASAMM-Beaufort – Flight 22 – 29 August 2015

Area flown: Block 3, 1 partial transect; block 7, 3 partial transects; search through northern portions of blocks 2 and 6.

Total hours flown: 4.0

Total transect hours: 0.8

Number of bowhead whales seen: 0 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1 to 6. Visibility varied from 0 to 10 km, with fog, low ceilings, and glare. Sea ice cover ranged from 0 - 3% broken floe ice in the area surveyed. Fog prevented survey effort in blocks 3 and 11, and low ceilings and high sea states prevented further coverage of block 7.

Sightings: Belugas and small unidentified pinnipeds.

Preliminary Summary, Flight 22 Date: 8/29/2015

Total bowhead whales: 0	Start time: 8/29/2015 10:42:26 AM	End time: 8/29/2015 2:39:21 PM
Bowhead whale sightings: 0	Transect minutes: 46	Transect km: 182.1
Bowhead whales on transect: 0	Circling minutes: 0	Circling km: 0
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 46	Trans+Circ km: 182.1
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 41	Search km: 143.8
Bowhead whale repeats: 0	Total minutes: 237	Total km: 1153.3
Possible repeats: 0	Deadhead minutes: 150	Deadhead km: 827.4
Total gray whales: 0	Search blocks: 3, 2, 6, 7	
Total belugas: 38	Transect blocks: 3, 7	
Other whale sightings: 0		
Walruses: No		
Total polar bears: 0		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
219	71.23	-146.87	2	beluga	1	0	swim	140	False
228	71.24	-146.5	2	beluga	1	0	swim	91	False
231	71.24	-146.43	2	beluga	1	0	rest	-1	False
234	71.22	-146.34	2	beluga	3	1	swim	120	False
237	71.21	-146.25	2	beluga	4	1	swim	2	False
256	71.12	-145.57	6	beluga	2	0	swim	152	False
410	70.54	-142.03	7	beluga	1	0	swim	266	True
413	70.56	-142.04	7	beluga	20	0	swim	267	True
438	70.87	-142.1	7	beluga	1	0	swim	85	False
479	70.66	-142.69	7	beluga	2	0	swim	263	True
481	70.65	-142.68	7	beluga	2	0	swim	290	True

NOAA/FSC/NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 22, 8/29/2015 10:41:10 AM

Flightlines by Sea State

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

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

