

ASAMM-Beaufort – Flight 15 – 8 August 2016

Area flown: Block 4, 2 complete transects; blocks 5 and 6, 2 partial transects; search survey through nearshore portions of blocks 4 and 5.

Total hours flown: 3.4

Total transect hours: 0.7

Number of bowhead whales seen: 32 (3 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1-3. Visibility ranged from 0 to 10 km, with fog and glare. There was no sea ice in the area surveyed. Fog prevented further survey effort.

Sightings: Bowhead whales, belugas, polar bears, and small unidentified pinnipeds. The polar bears were sighted on a barrier island near Kaktovik, Alaska.

Preliminary Summary, Flight 15 Date: 8/8/2016

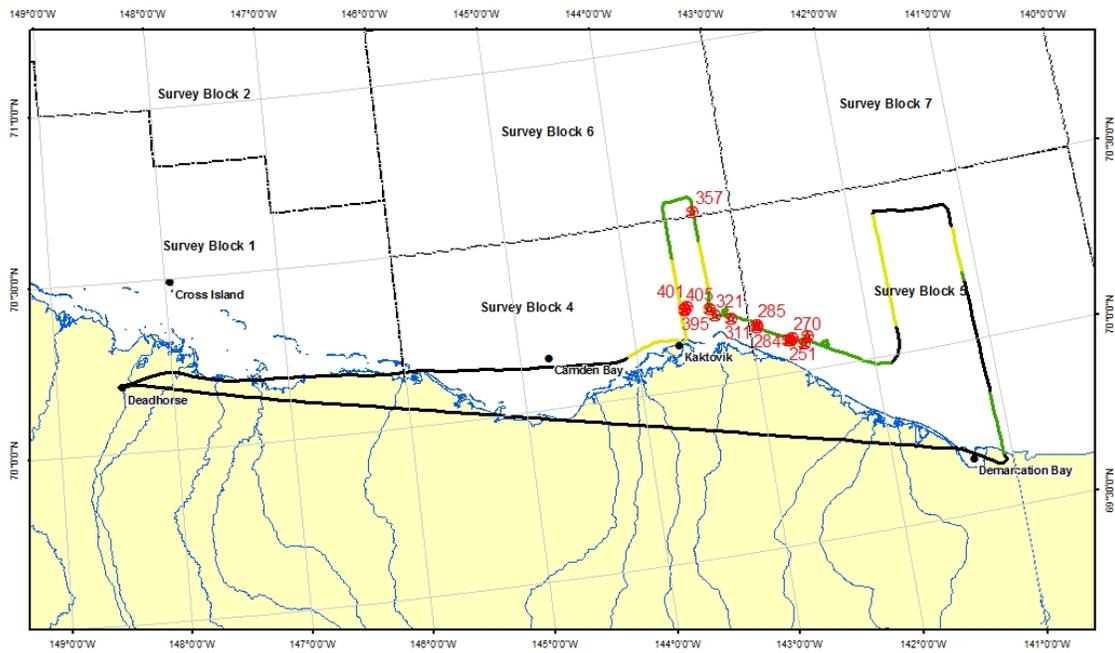
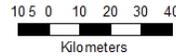
Total bowhead whales: 32	Start time: 8/8/2016 10:12:28 AM	End time: 8/8/2016 1:33:41 PM
Bowhead whale sightings: 13	Transect minutes: 39	Transect km: 151.5
Bowhead whales on transect: 9	Circling minutes: 41	Circling km: 26.8
Bowhead whale cow-calf pairs: 3	Trans+Circ minutes: 80	Trans+Circ km: 178.3
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 21	Search km: 83.6
Bowhead whale repeats: 0	Total minutes: 201	Total km: 805.1
Possible repeats: 0	Deadhead minutes: 100	Deadhead km: 543.2
Total gray whales: 0	Search blocks: 5, 0, 4, 6	
Total belugas: 1	Transect blocks: 5, 4, 6	
Other whale sightings: 0		
Walruses: No		
Total polar bears: 9		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
236	70.09	-142.56	5	bowhead whale	1	0	swim	298	False
241	70.1	-142.53	5	bowhead whale	1	0	feed	-1	False
247	70.1	-142.66	5	bowhead whale	1	0	feed	-1	False
251	70.1	-142.7	5	bowhead whale	2	1	feed	-1	False
270	70.1	-142.66	5	bowhead whale	3	0	feed	-1	False
284	70.15	-142.94	5	bowhead whale	2	0	feed	-1	False
285	70.15	-142.95	5	bowhead whale	1	0	feed	-1	False
311	70.2	-143.14	4	bowhead whale	6	0	swim	271	False
321	70.2	-143.28	4	bowhead whale	1	0	swim	-1	False
325	70.22	-143.3	4	bowhead whale	3	1	feed	-1	True
357	70.51	-143.33	6	beluga	1	0	swim	239	True
395	70.23	-143.57	4	bowhead whale	6	0	feed	-1	True
401	70.24	-143.51	4	bowhead whale	3	1	feed	-1	False
405	70.23	-143.53	4	bowhead whale	2	0	feed	-1	False



NOAA/AFSC/NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 15, 8/8/2016 10:07:40 AM



Bowhead whale cow-calf pair sighted approximately 20 km northeast of Kaktovik, Alaska (event 325), ASAMM-Beaufort Flight 15, 8 August 2016.