

ASAMM-Chukchi – Flight 216 – 31 July 2017

Area flown: Block 12, 6 complete transects.

Total hours flown: 3.3

Total transect hours: 2.3

Number of bowhead whales seen: 4 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2 to 4. Visibility ranged from <1 km to unlimited, with fog, glare, and precipitation. Sea ice ranged from 0 to 1 percent broken floe in the area surveyed.

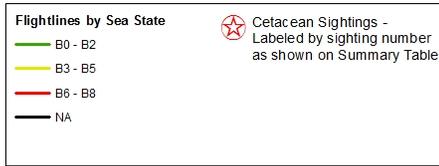
Sightings: Bowhead whales, belugas (including 11 calves), walrus, unidentified pinnipeds, and small unidentified pinnipeds.

Preliminary Summary, Flight 216 Date: Monday, July 31, 2017

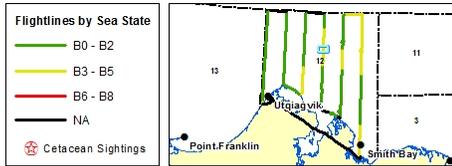
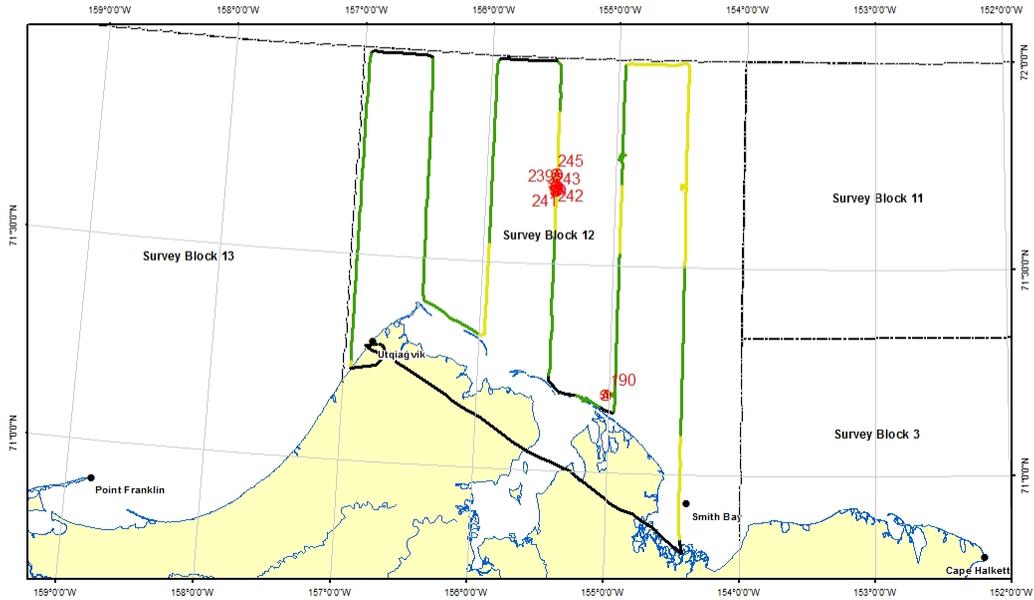
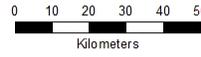
Total bowhead whales: 4	Start time: 7/31/2017 4:17:03 PM	End time: 7/31/2017 7:35:59 PM
Bowhead whale sightings: 1	Transect minutes: 140	Transect km: 528.5
Bowhead whales on transect: 4	Circling minutes: 9	Circling km: 21.9
Bowhead whale calves: 0	Trans+Circ minutes: 148	Trans+Circ km: 550.4
Bowhead whale calves on transect: 0	Search minutes: 14	Search km: 45.6
Bowhead whale repeats: 0	Total minutes: 198	Total km: 768.8
Possible repeats: 0	Deadhead minutes: 37	Deadhead km: 172.8
Total gray whales: 0	Search blocks: 12	
Total belugas: 34	Transect blocks: 12	
Other whale sightings: 0		
walrus: yes		
Total polar bears: 0		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
190	71.19	-154.96	12	bowhead whale	4	0	mill	-1	True
238	71.68	-155.45	12	beluga	3	0	mill	-1	True
239	71.68	-155.45	12	beluga	2	1	mill	-1	True
240	71.68	-155.45	12	beluga	6	3	mill	-1	True
241	71.69	-155.45	12	beluga	3	2	mill	-1	True
242	71.69	-155.45	12	beluga	7	2	mill	-1	True
243	71.69	-155.45	12	beluga	6	1	mill	-1	True
245	71.72	-155.45	12	beluga	7	2	mill	-1	True



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Aerial Surveys of Arctic Marine Mammals Program
Flight 216, 7/31/2017 4:17:03 PM



NOAA\FSC\MML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 216, High Density Cluster 1, 7/31/2017

