

ASAMM-Chukchi – Flight 238 – 13 September 2016

Area flown: Block 12 complete; the 2 easternmost transects were extended north to 74°N to assess beluga distribution north of the study area.

Total hours flown: 5.4

Total transect hours: 4.2

Number of bowhead whales seen: 13 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2-6. Visibility was <1 km to 10 km, with precipitation, low ceilings, and glare. There was no sea ice in the area surveyed.

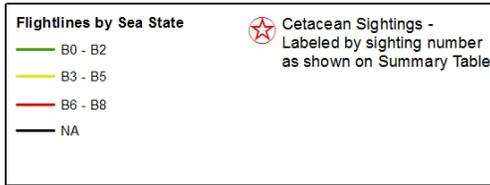
Sightings: Bowhead whales, 1 beluga, and small unidentified pinnipeds.

Preliminary Summary, Flight 238 Date: Tuesday, September 13, 2016

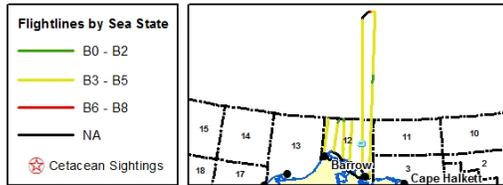
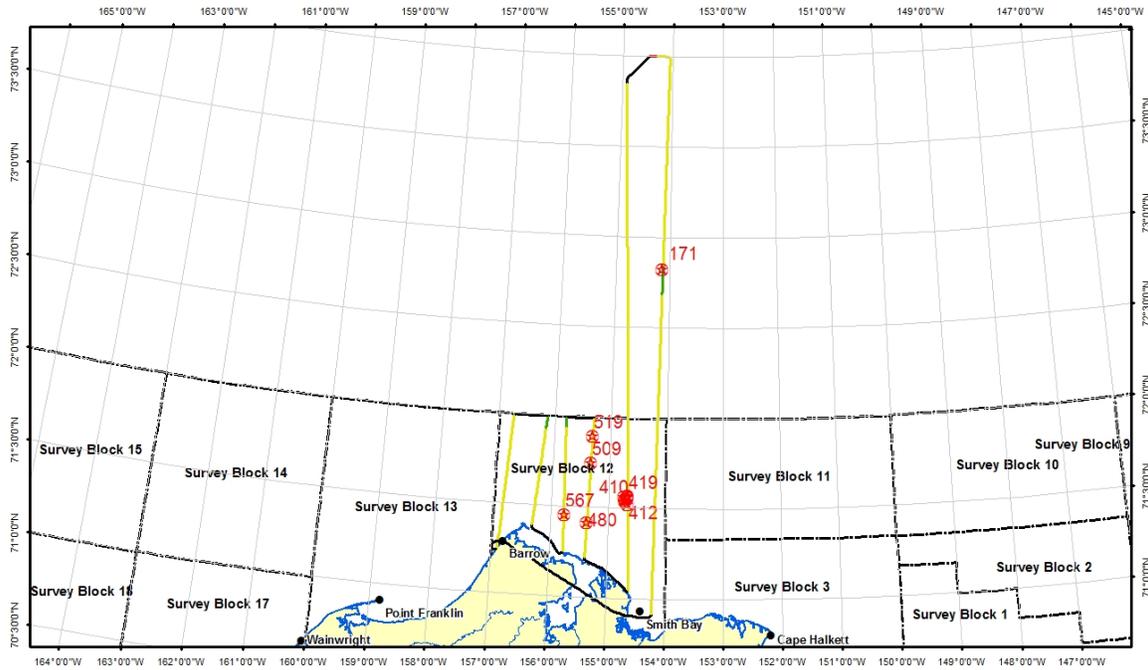
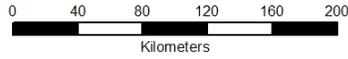
Total bowhead whales: 13	Start time: 9/13/2016 1:08:52 PM	End time: 9/13/2016 6:30:06 PM
Bowhead whale sightings: 11	Transect minutes: 251	Transect km: 971.1
Bowhead whales on transect: 5	Circling minutes: 10	Circling km: 31.4
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 261	Trans+Circ km: 1002.5
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 4	Search km: 16.3
Bowhead whale repeats: 0	Total minutes: 321	Total km: 1260.4
Possible repeats: 0	Deadhead minutes: 56	Deadhead km: 241.6
Total gray whales: 0	Search blocks: 12	
Total belugas: 1	Transect blocks: 12	
Other whale sightings: 0		
walrus: no		
Total polar bears: 0		

Cetacean Sightings:

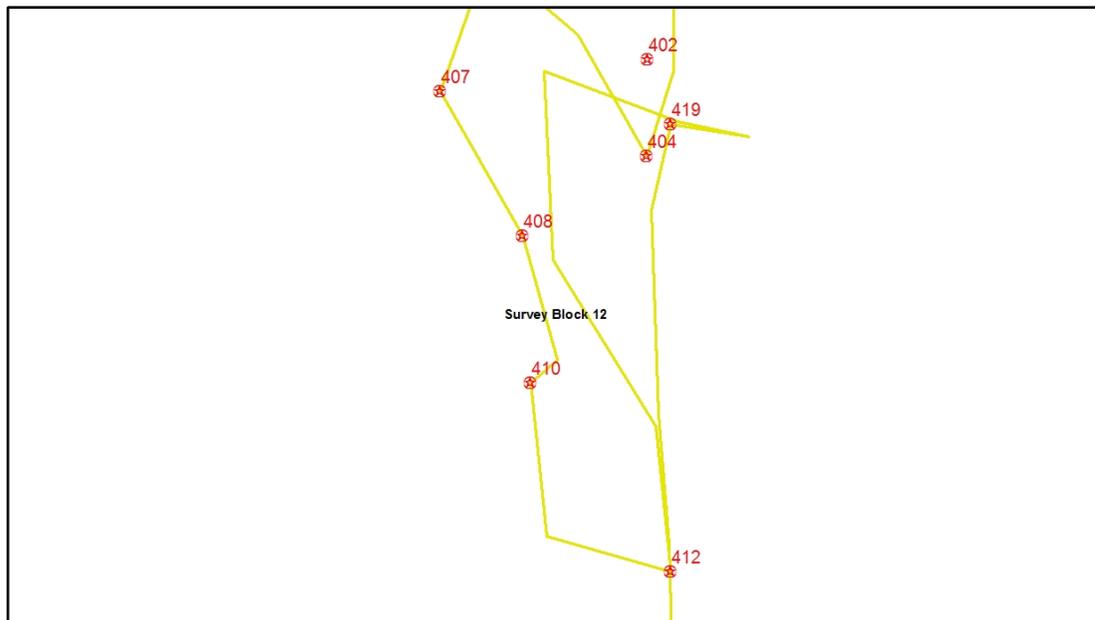
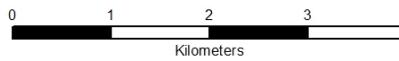
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
171	72.82	-154.13	0	beluga	1	0	swim	-1	False
402	71.56	-154.67	12	bowhead whale	1	0	swim	-1	True
404	71.56	-154.67	12	bowhead whale	2	0	swim	-1	False
407	71.56	-154.73	12	bowhead whale	2	0	feed	-1	False
408	71.55	-154.71	12	bowhead whale	1	0	swim	-1	False
410	71.53	-154.7	12	bowhead whale	1	0	swim	-1	False
412	71.52	-154.66	12	bowhead whale	1	0	swim	-1	False
419	71.56	-154.67	12	bowhead whale	1	0	rest	-1	False
480	71.41	-155.37	12	bowhead whale	1	0	feed	-1	True
509	71.74	-155.33	12	bowhead whale	1	0	swim	-1	True
519	71.89	-155.32	12	bowhead whale	1	0	swim	-1	True
567	71.45	-155.77	12	bowhead whale	1	0	swim	179	True



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Aerial Surveys of Arctic Marine Mammals Program
Flight 238, 9/13/2016 1:06:19 PM



NOAA\FSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 238, High Density Cluster 1, 9/13/2016





Bowhead whale feeding (note the mud on the rostrum) ~40 km east of Pt. Barrow, Alaska (event 480), ASAMM-Chukchi Flight 238, 13 September 2016.