

ASAMM-Chukchi – Flight 217 – 7 August 2013

Area flown: Transects 9 and 11, partial; coastal transect from south of Wainwright to Barrow.

Total hours flown: 4.6

Total transect hours: 3.2

Number of bowheads seen: 0 (0 calves)

Weather and visibility: Skies were partly cloudy. Sea state ranged from Beaufort 2-6. Visibility ranged from 0 to unlimited km, with fog, haze, low ceiling, and glare. Low ceilings prevented transects from being completed. Sea ice ranged from 0 to 25% broken floe in the area surveyed.

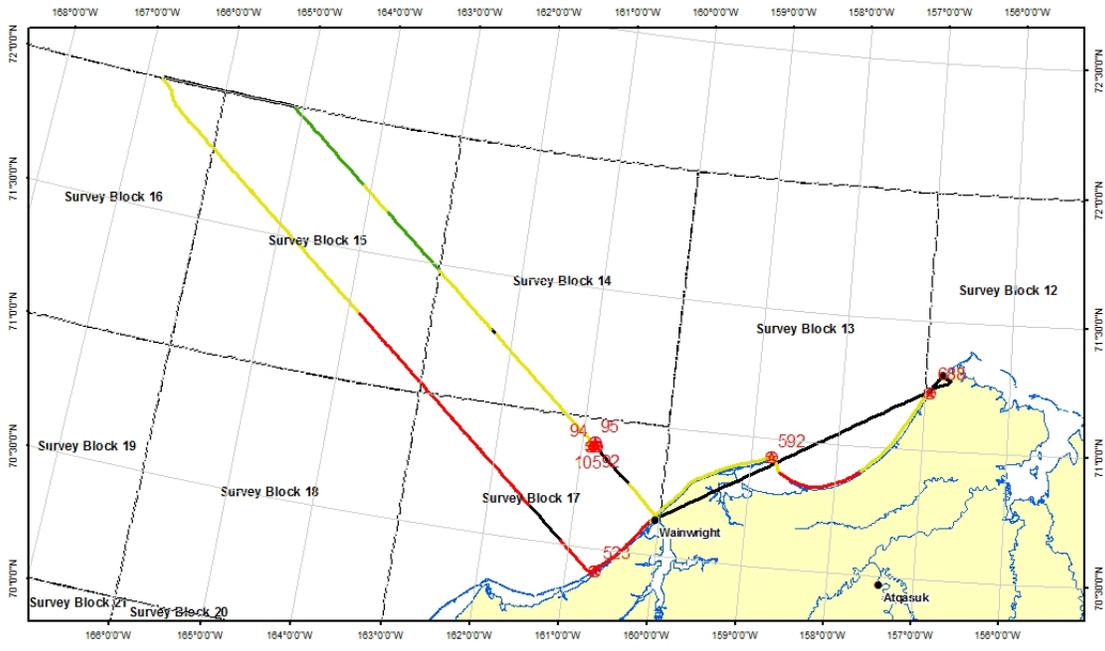
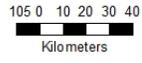
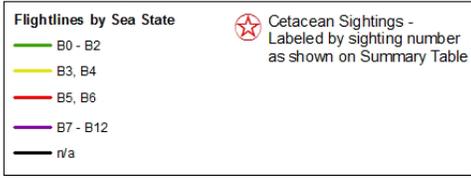
Sightings: Gray whales (including a group of at least two calves and one juvenile rolling in shallow water), belugas, walrus, and small unidentified pinnipeds.

Preliminary Summary, Flight 217 Date: 8/7/2013

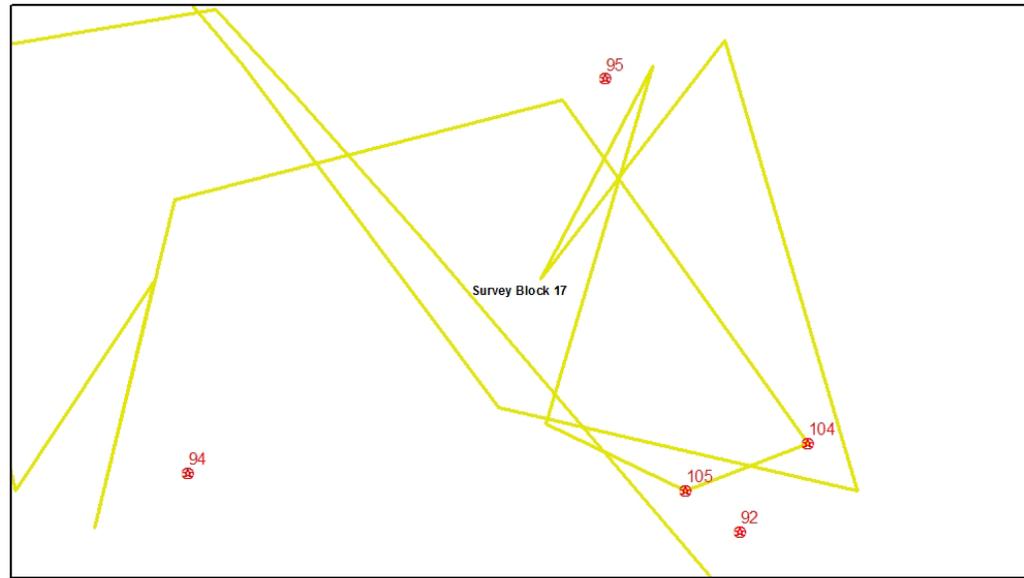
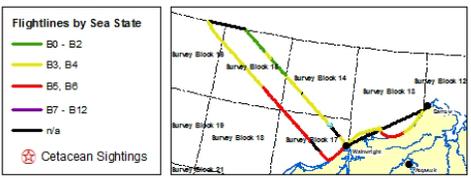
Total bowhead whales: 0	Start time: 8/7/2013 2:52:11 PM	End time: 8/7/2013 7:30:35 PM
Bowhead whale sightings: 0	Transect minutes: 191	Transect km: 655.2
Bowhead whales on transect: 0	Circling minutes: 28	Circling km: 67.1
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 219	Trans+Circ km: 722.3
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 0	Search km: 2.2
Bowhead whale repeats: 0	Total minutes: 278	Total km: 976
Possible repeats: 0	Deadhead minutes: 59	Deadhead km: 251.5
Total gray whales: 10	Search blocks: 17, 14, 15, 12	
Total belugas: 2	Transect blocks: 17, 14, 15, 16, 13, 12	
Other whale sightings: 0		
Total walrus: 247		
Total polar bears: 0		

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
92	70.89	-160.83	17	gray whale	1	0	feed	-1	True
94	70.9	-160.86	17	gray whale	2	1	feed	-1	True
95	70.9	-160.86	17	gray whale	2	0	feed	-1	True
104	70.9	-160.82	17	gray whale	1	0	swim	-1	False
105	70.89	-160.83	17	gray whale	1	0	feed	-1	False
523	70.42	-160.68	17	beluga	1	0	rest	-1	True
592	70.93	-158.75	13	gray whale	3	2	mill	-1	True
688	71.23	-156.95	12	beluga	1	0	swim	-1	False

NOAA/AFSC/NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 217, 8/7/2013



NOAA/AFSC/NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 217, High Density Cluster 1, 8/7/2013





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One of the gray whale calves seen rolling in shallow water (event 592), ASAMM-Chukchi Flight 217, 7 August 2013.