

ASAMM-Beaufort – Flight 36 – 18 September 2016

Area flown: Transects 2 and 4, partial.

Total hours flown: 4.7 (2 flights)

Total transect hours: 0.6

Number of bowhead whales seen: 3 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 3-8. Visibility ranged from <1 to 10 km, with low ceilings, haze, glare, and ice on the window. Sea ice ranged from 0 to 55 percent broken floe ice in the area surveyed. High sea states precluded further survey effort.

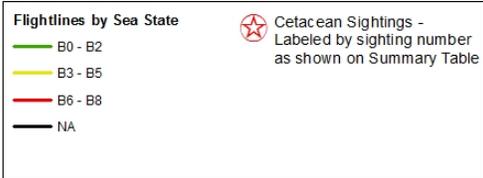
Sightings: Bowhead whales, gray whales, 1 unidentified cetacean, and 1 polar bear. The polar bear was running on ice approximately 6 km west of Barrow and dove into the water.

Preliminary Summary, Flight 36 Date: Sunday, September 18, 2016

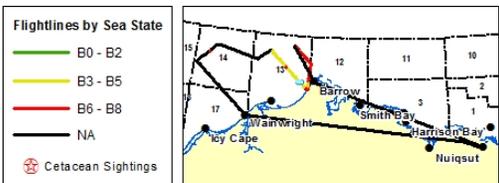
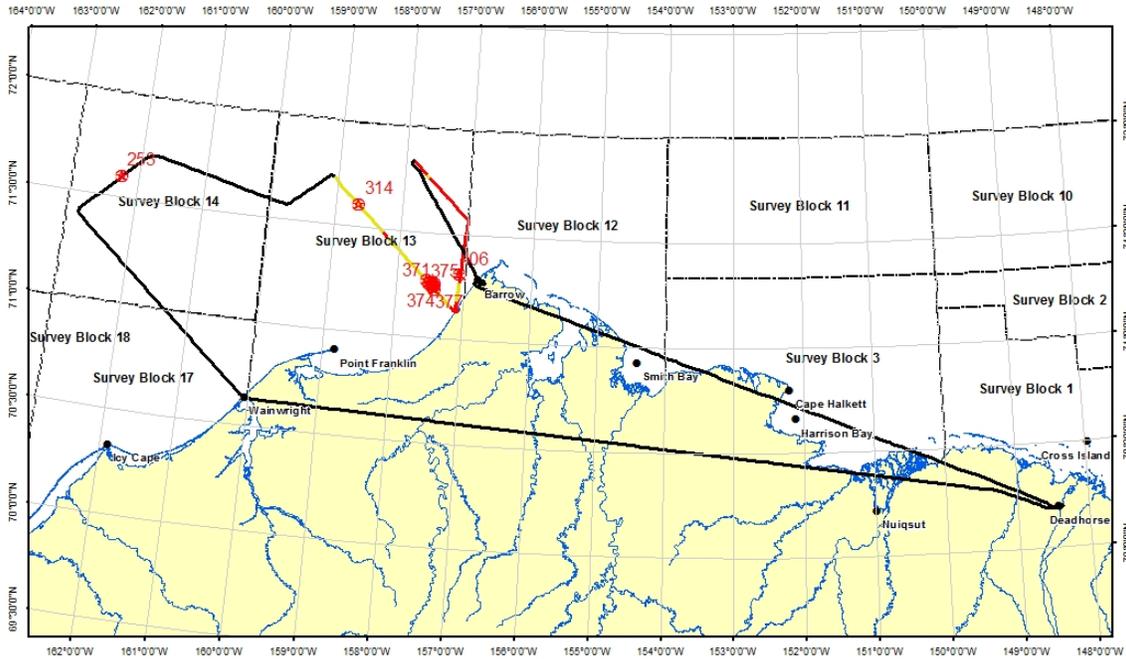
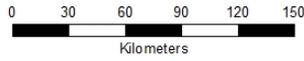
Total bowhead whales: 3	Start time: 9/18/2016 10:07:03 AM	End time: 9/18/2016 4:13:11 PM
Bowhead whale sightings: 3	Transect minutes: 33	Transect km: 130.2
Bowhead whales on transect: 2	Circling minutes: 14	Circling km: 37.6
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 47	Trans+Circ km: 167.8
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 15	Search km: 54
Bowhead whale repeats: 0	Total minutes: 281	Total km: 1370.5
Possible repeats: 0	Deadhead minutes: 219	Deadhead km: 1148.7
Total gray whales: 10	Search blocks: 13,14	
Total belugas: 0	Transect blocks: 13	
Other whale sightings: 1		
walrus: no		
Total polar bears: 1		

Cetacean Sightings

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
253	71.6	-162.25	14	bowhead whale	1	0	swim	253	False
314	71.6	-158.66	13	bowhead whale	1	0	dive	-1	True
352	71.27	-157.56	13	unid cetacean	1	0	rest	-1	False
358	71.26	-157.52	13	gray whale	1	0	swim	-1	False
360	71.26	-157.49	13	gray whale	1	0	feed	-1	False
364	71.25	-157.47	13	gray whale	1	0	feed	-1	False
365	71.26	-157.43	13	gray whale	1	0	feed	-1	False
371	71.24	-157.46	13	bowhead whale	1	0	swim	56	True
374	71.25	-157.44	13	gray whale	1	0	feed	-1	False
375	71.25	-157.47	13	gray whale	2	0	feed	-1	False
377	71.23	-157.43	13	gray whale	1	0	feed	-1	True
406	71.31	-157.06	13	gray whale	2	0	feed	-1	False



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Aerial Surveys of Arctic Marine Mammals Program
Flight 36, 9/18/2016 9:53:41 AM



NOAA\FSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 36, High Density Cluster 1, 9/18/2016

