

ASAMM-Beaufort – Flight 21 – 25 August 2016

Area flown: Block 4, 6 complete transects; block 5, 2 complete and 2 partial transects; block 6, 2 complete and 4 partial transects; and block 7, 2 complete and 2 partial transects.

Total hours flown: 9.1 (2 flights)

Total transect hours: 4.5

Number of bowhead whales seen: 56 (2 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1-4. Visibility ranged from 0 km to unlimited, with fog, precipitation, and glare. There was no sea ice in the area surveyed.

Sightings: Bowhead whales, belugas, polar bears, 1 unidentified cetacean, unidentified pinnipeds, and small unidentified pinnipeds. One polar bear was sighted swimming approximately 24 km northwest of Kaktovik, Alaska. The other polar bears were sighted resting on the tundra and barrier islands east of Kaktovik, Alaska.

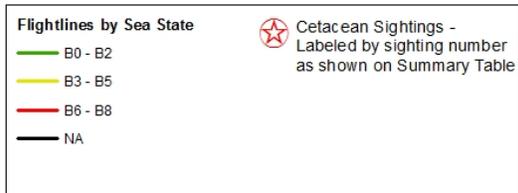
Preliminary Summary, Flight 21 Date: Thursday, August 25, 2016

Total bowhead whales: 56	Start time: 8/25/2016 10:15:06 AM	End time: 8/25/2016 8:15:14 PM
Bowhead whale sightings: 35	Transect minutes: 268	Transect km: 996.8
Bowhead whales on transect: 18	Circling minutes: 54	Circling km: 167.8
Bowhead whale cow-calf pairs: 2	Trans+Circ minutes: 322	Trans+Circ km: 1164.6
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 26	Search km: 89.7
Bowhead whale repeats: 0	Total minutes: 546	Total km: 2326.6
Possible repeats: 0	Deadhead minutes: 199	Deadhead km: 1072.3
Total gray whales: 0	Search blocks: 4,5,6,7,8,9	
Total belugas: 8	Transect blocks: 4,5,6,7	
Other whale sightings: 1		
walrus: no		
Total polar bears: 46		

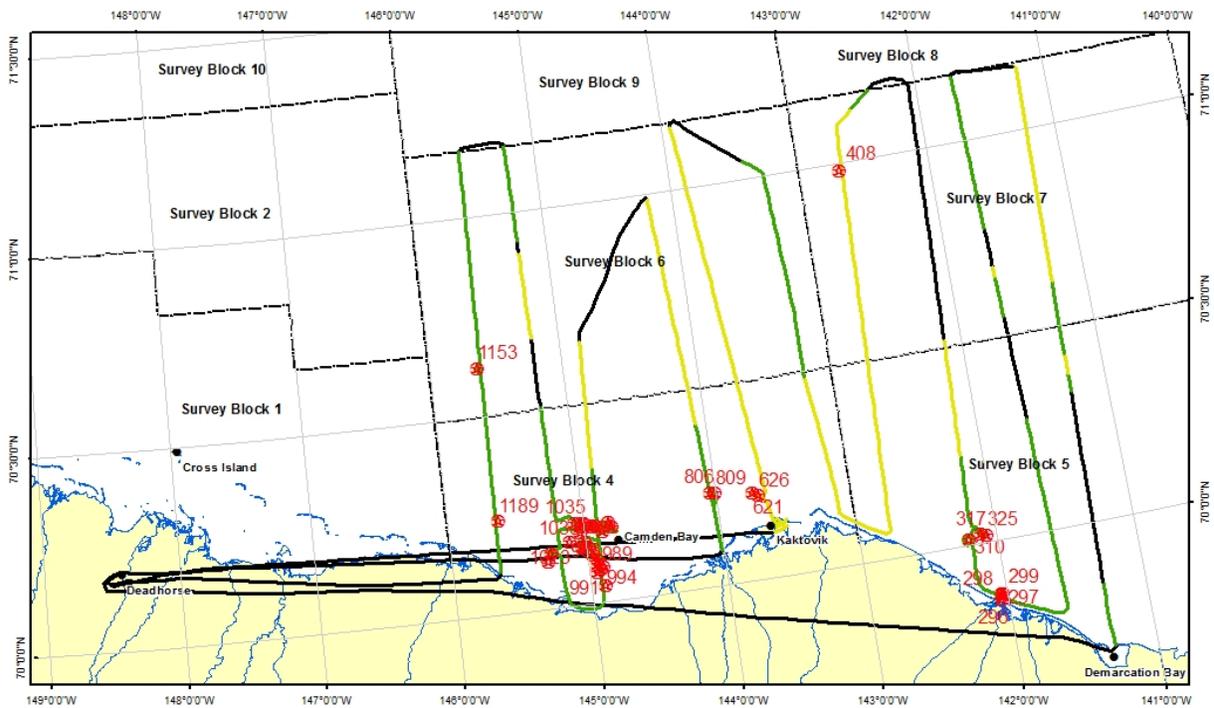
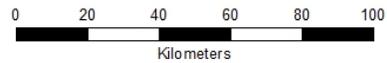
Cetacean Sightings

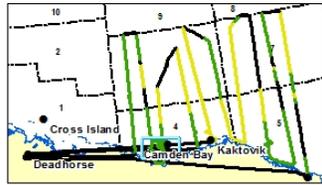
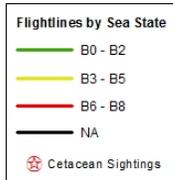
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
296	69.86	-142.04	5	beluga	4	0	mill	-1	False
297	69.86	-142.05	5	beluga	1	0	swim	302	False
298	69.86	-142.05	5	beluga	1	0	swim	301	False
299	69.86	-142.05	5	beluga	1	0	swim	301	False
310	70.01	-142.19	5	unid cetacean	1	0	swim	-1	True
317	70.03	-142.18	5	bowhead whale	2	0	swim	277	True
325	70.02	-142.08	5	bowhead whale	1	0	swim	-1	False
408	70.98	-142.67	7	beluga	1	0	swim	272	True
621	70.22	-143.72	4	bowhead whale	6	0	feed	-1	False
626	70.21	-143.68	4	bowhead whale	1	0	swim	-1	False
806	70.23	-144.04	4	bowhead whale	1	0	swim	85	True
809	70.23	-144	4	bowhead whale	2	0	swim	-1	False
926	70.2	-144.9	4	bowhead whale	1	0	unknown	-1	True
929	70.18	-144.86	4	bowhead whale	4	0	swim	-1	False
936	70.19	-144.91	4	bowhead whale	1	0	swim	-1	False
937	70.19	-144.91	4	bowhead whale	1	0	swim	-1	False
938	70.19	-144.93	4	bowhead whale	2	1	swim	-1	False
939	70.19	-144.94	4	bowhead whale	1	0	swim	-1	False
943	70.19	-144.79	4	bowhead whale	4	0	swim	-1	False
949	70.15	-144.9	4	bowhead whale	1	0	feed	-1	True
966	70.15	-145.02	4	bowhead whale	1	0	feed	-1	False
970	70.14	-145.02	4	bowhead whale	1	0	feed	-1	False
973	70.14	-144.97	4	bowhead whale	2	0	feed	-1	False
974	70.14	-144.97	4	bowhead whale	1	0	swim	-1	False
976	70.12	-144.95	4	bowhead whale	2	0	feed	-1	False
980	70.11	-144.92	4	bowhead whale	2	0	swim	-1	False
985	70.1	-144.91	4	bowhead whale	1	0	feed	-1	True
986	70.09	-144.91	4	bowhead whale	1	0	feed	-1	True
989	70.08	-144.91	4	bowhead whale	1	0	feed	-1	True

991	70.08	-144.91	4	bowhead whale	1	0	feed	275	True
994	70.04	-144.92	4	bowhead whale	1	0	swim	92	True
1015	70.12	-145.19	4	bowhead whale	1	0	unknown	-1	True
1018	70.14	-145.26	4	bowhead whale	1	0	swim	-1	False
1023	70.16	-145.19	4	bowhead whale	2	0	unknown	-1	True
1025	70.19	-145.19	4	bowhead whale	2	0	unknown	-1	True
1031	70.2	-144.99	4	bowhead whale	1	0	feed	-1	False
1032	70.2	-145.01	4	bowhead whale	1	0	swim	-1	False
1033	70.2	-145.01	4	bowhead whale	1	0	swim	-1	False
1035	70.21	-145.06	4	bowhead whale	2	0	swim	-1	False
1153	70.62	-145.61	6	bowhead whale	2	1	swim	302	True
1189	70.24	-145.64	4	bowhead whale	1	0	swim	271	True

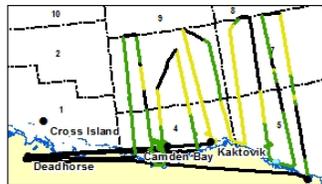
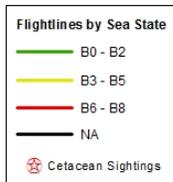
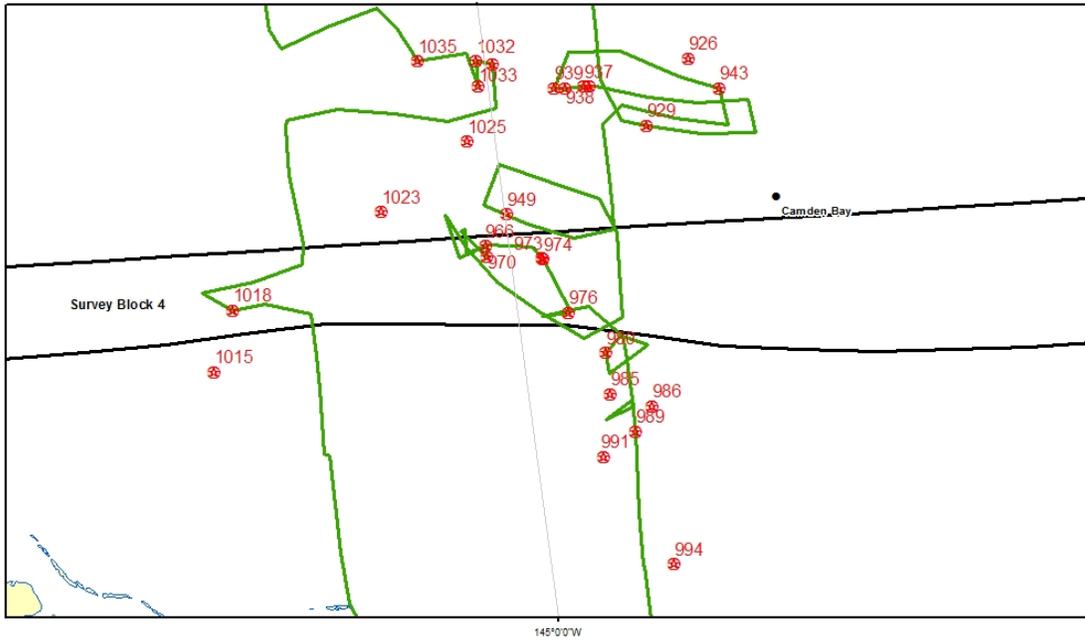
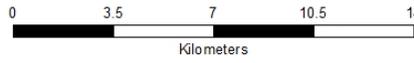


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Aerial Surveys of Arctic Marine Mammals Program
Flight 21, 8/25/2016 10:02:25 AM

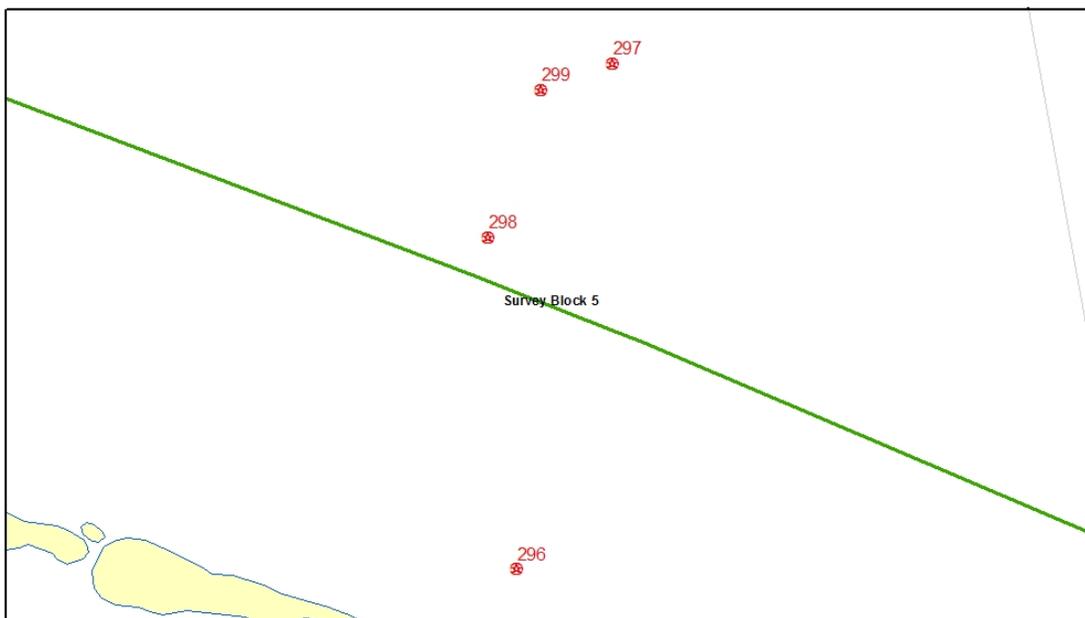
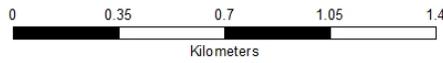




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Aerial Surveys of Arctic Marine Mammals Program
Flight 21, High Density Cluster 1, 8/25/2016

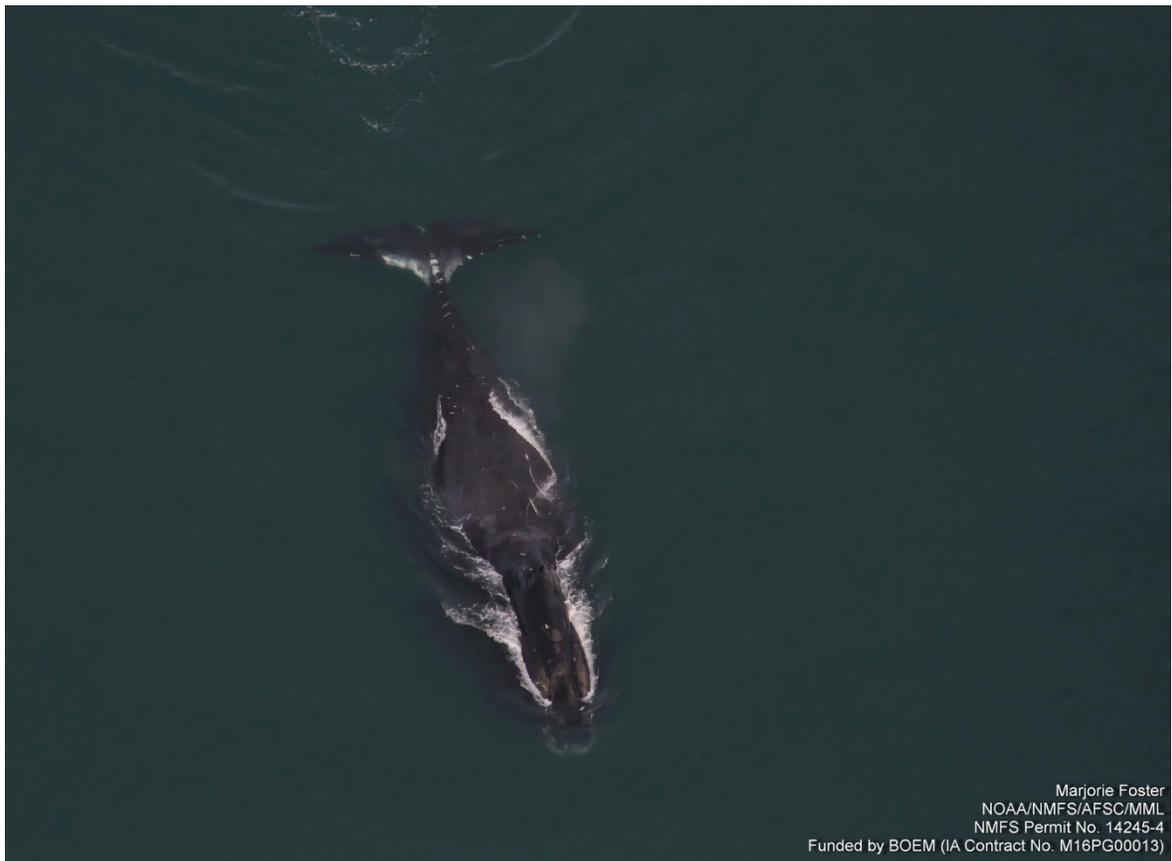


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Aerial Surveys of Arctic Marine Mammals Program
Flight 21, High Density Cluster 2, 8/25/2016





Polar bears sighted resting on the tundra near Kaktovik, Alaska, ASAMM-Beaufort Flight 21, 25 August 2016.



One of two bowhead whales sighted swimming at the water's surface near Camden Bay, Alaska (event 1035), ASAMM-Beaufort Flight 21, 25 August 2016.