

ASAMM-Chukchi – Flight 215 – 27 July 2016

Area flown: Transect 7, complete; transect 9, partial.

Total hours flown: 3.1

Total transect hours: 1.4

Number of bowhead whales seen: 0 (0 calves)

Weather and visibility: Skies were overcast. Sea state ranged from Beaufort 1-2. Visibility was <1 to 10 km, with low ceilings and precipitation. Sea ice ranged from 10 to 80 percent broken floe ice in the area surveyed. Low ceilings and precipitation prevented complete coverage of transect 9.

Sightings: Gray whales (including 8 calves), walruses, and unidentified pinnipeds.

Preliminary Summary, Flight 215 Date: 7/27/2016

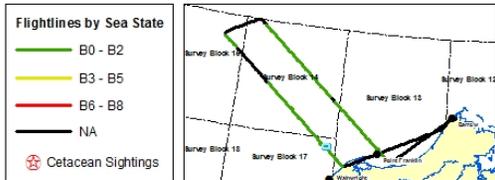
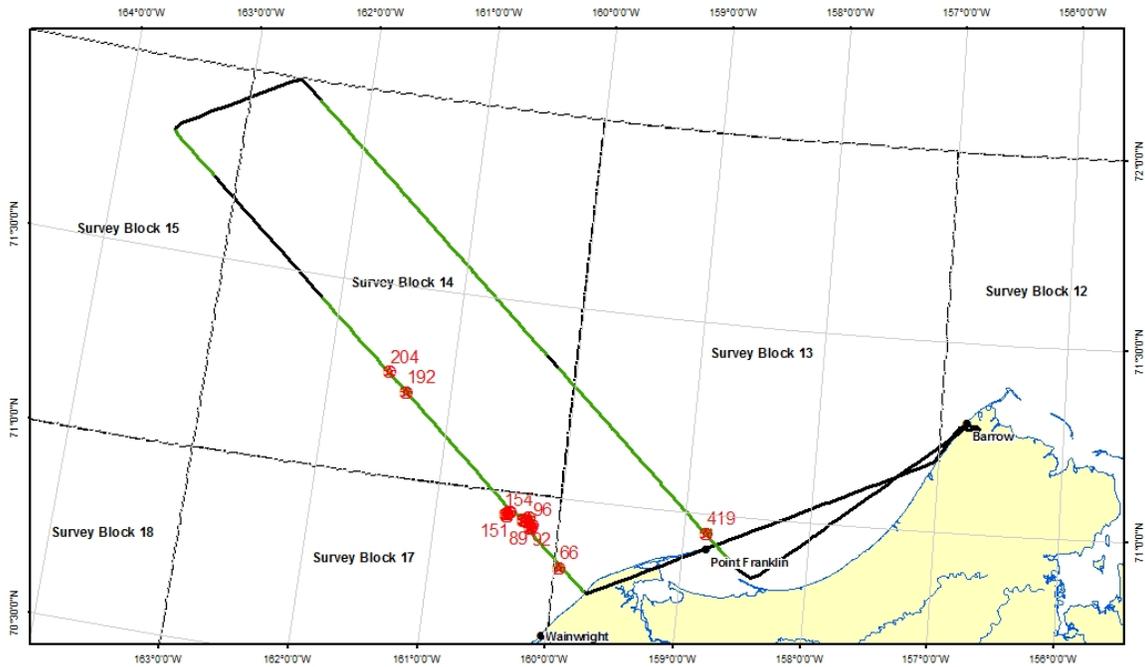
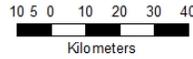
Total bowhead whales: 0	Start time: 7/27/2016 9:51:46 AM	End time: 7/27/2016 12:59:14 PM
Bowhead whale sightings: 0	Transect minutes: 81	Transect km:299.5
Bowhead whales on transect: 0	Circling minutes: 45	Circling km: 120.9
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 126	Trans+Circ km: 420.4
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 0	Search km: 1.3
Bowhead whale repeats: 0	Total minutes: 188	Total km: 735.4
Possible repeats: 0	Deadhead minutes: 62	Deadhead km: 313.7
Total gray whales: 30	Search blocks: 15, 14, 13	
Total belugas: 0	Transect blocks: 13, 17, 14, 15	
Other whale sightings: 0		
Walruses: Yes		
Total polar bears: 0		

Cetacean Sightings:

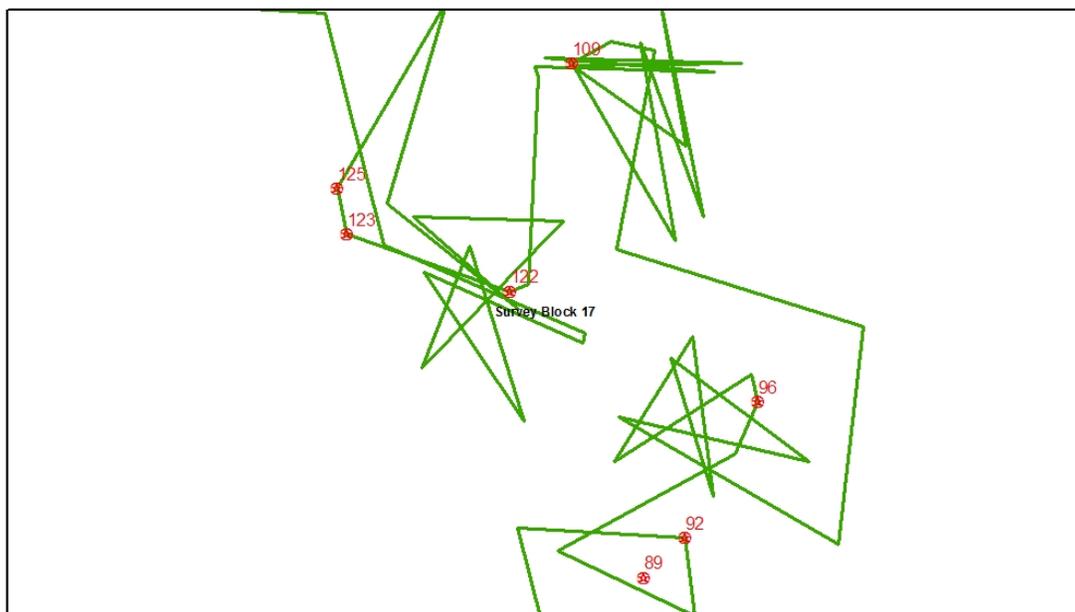
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
66	70.82	-159.94	13	gray whale	2	1	swim	342	True
89	70.91	-160.23	17	gray whale	2	0	rest	-1	True
92	70.92	-160.22	17	gray whale	5	2	feed	-1	False
96	70.92	-160.21	17	gray whale	1	0	feed	-1	False
109	70.94	-160.25	17	gray whale	3	2	feed	-1	False
122	70.93	-160.25	17	gray whale	2	1	feed	-1	False
123	70.93	-160.28	17	gray whale	1	0	feed	-1	False
125	70.93	-160.28	17	gray whale	1	0	feed	-1	False
142	70.95	-160.39	17	gray whale	1	0	rest	-1	True
143	70.96	-160.39	17	gray whale	1	0	feed	-1	True
148	70.94	-160.43	17	gray whale	5	1	feed	-1	False
151	70.94	-160.42	17	gray whale	1	0	feed	-1	False
154	70.94	-160.42	17	gray whale	1	0	feed	-1	False
192	71.23	-161.35	14	gray whale	2	1	feed	-1	False
204	71.27	-161.52	14	gray whale	1	0	rest	-1	True
419	70.95	-158.82	13	gray whale	1	0	swim	43	True

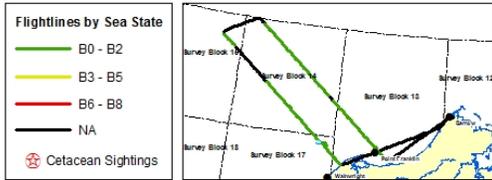


NOAA\FSC\NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 215, 7/27/2016 9:44:56 AM

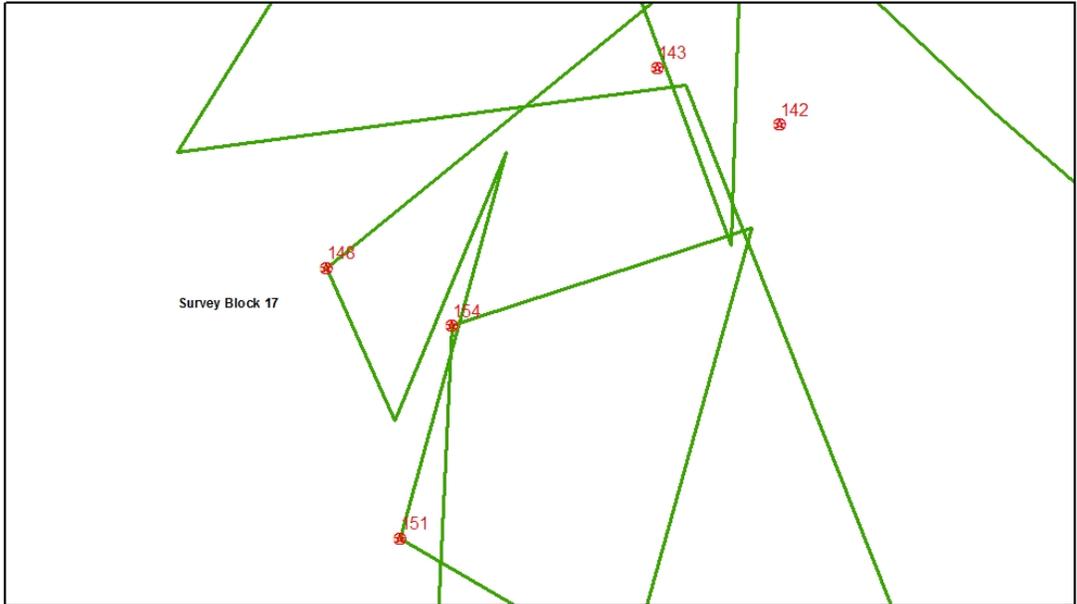
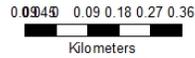


NOAA\FSC\NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 215, High Density Cluster 1, 7/27/2016 9:44:56 AM





NOAA/AFSC/NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 215, High Density Cluster 2, 7/27/2016 9:44:56 AM



Gray whale cow-calf pair sighted approximately 30 km northwest of Wainwright, Alaska (Event 92), ASAMM-Chukchi Flight 215, 27 July 2016.



Gray whale cow-calf pair sighted approximately 30 km northwest of Wainwright, Alaska (Event 109), ASAMM-Chukchi Flight 215, 27 July 2016.



Gray whale cow-calf pair (upper right) and two feeding adults with mud plumes sighted approximately 30 km northwest of Wainwright, Alaska (Event 122), ASAMM-Chukchi Flight 215, 27 July 2016.