

ASAMM-Chukchi – Flight 213 – 24 July 2016

Area flown: Transect 2, complete; transect 4, partial; coastal transect from Barrow to Icy Cape.

Total hours flown: 3.7

Total transect hours: 1.8

Number of bowhead whales seen: 0 (0 calves)

Weather and visibility: Skies were clear. Sea state ranged from Beaufort 1-6. Visibility was <1 km to unlimited, with glare and fog. Sea ice ranged from 0 to 80 percent broken floe ice in the area surveyed. Fog prevented complete coverage of transect line 4, and fog and high sea states prevented complete coverage of the coastal transect.

Sightings: Gray whales (including 8 calves and one carcass), unidentified cetaceans (including one carcass), walrus, small unidentified pinnipeds and one polar bear. The polar bear was sighted swimming approximately 50 km to the northwest of Point Barrow in 50% broken floe sea ice. The unidentified cetacean carcass (event 365) is a repeat sighting of a carcass seen on Flight 202, 6 July 2016.

Preliminary Summary, Flight 213 Date: 7/24/2016

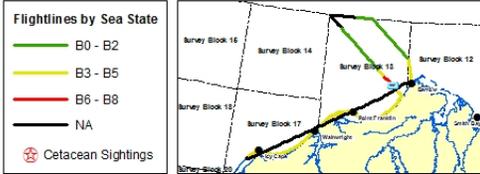
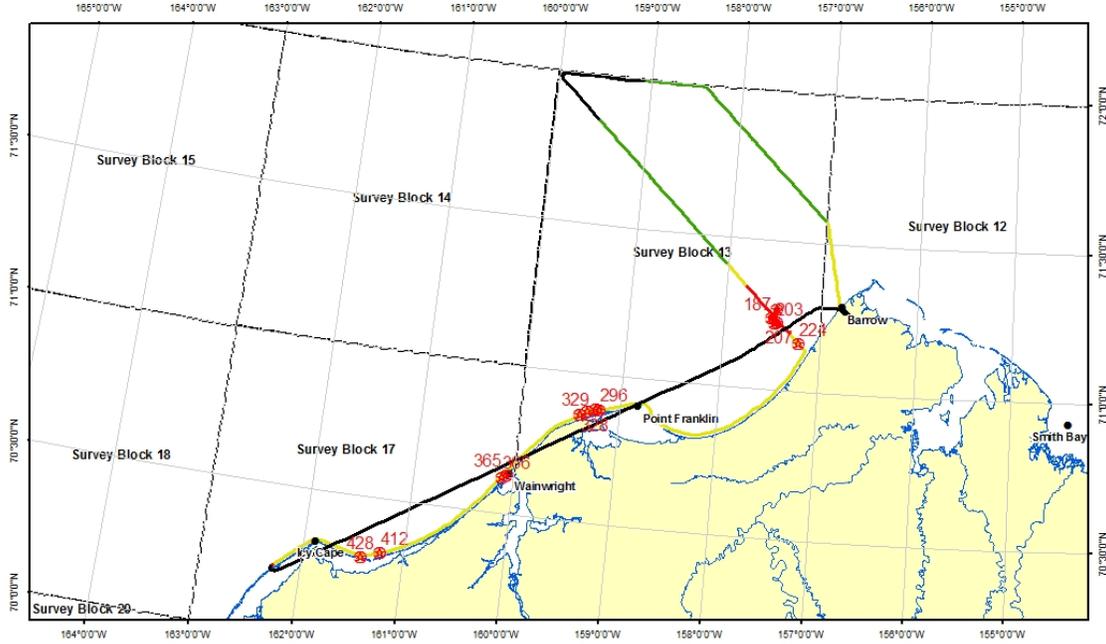
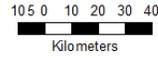
Total bowhead whales: 0	Start time: 7/24/2016 12:41:09 PM	End time: 7/24/2016 4:24:59 PM
Bowhead whale sightings: 0	Transect minutes: 109	Transect km:412.6
Bowhead whales on transect: 0	Circling minutes: 42	Circling km: 123.8
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 151	Trans+Circ km: 536.4
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 13	Search km: 57.3
Bowhead whale repeats: 0	Total minutes: 223	Total km: 892.8
Possible repeats: 0	Deadhead minutes: 59	Deadhead km: 299.1
Total gray whales: 25	Search blocks: 12, 13, 17	
Total belugas: 0	Transect blocks: 13, 17	
Other whale sightings: 3		
Walrus: Yes		
Total polar bears: 1		

Cetacean Sightings:

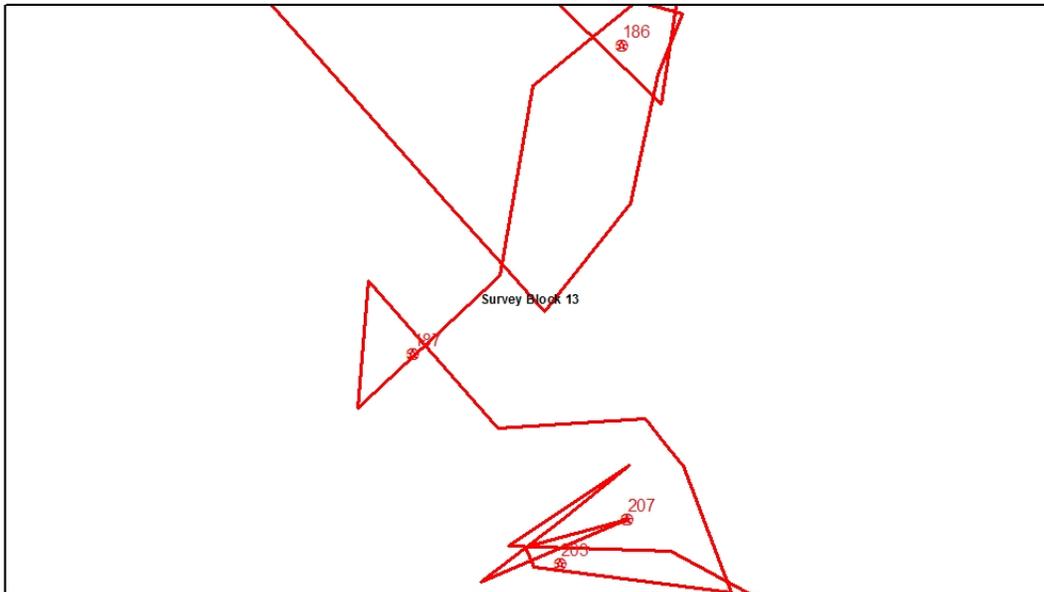
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
186	71.25	-157.51	13	gray whale	2	0	feed	-1	True
187	71.25	-157.49	13	gray whale	1	0	feed	-1	True
203	71.23	-157.44	13	gray whale	2	0	feed	-1	True
207	71.23	-157.45	13	gray whale	2	1	feed	-1	False
224	71.16	-157.22	13	gray whale	2	1	swim	224	True
291	70.88	-159.23	13	unid cetacean	2	0	swim	98	True
296	70.88	-159.21	13	gray whale	2	1	swim	-1	False
312	70.87	-159.31	13	gray whale	2	1	dive	-1	True
328	70.86	-159.38	13	gray whale	6	2	feed	-1	True
329	70.85	-159.39	13	gray whale	1	0	feed	-1	True
365	70.64	-160.09	17	unid cetacean	1	0	dead	-1	True
366	70.62	-160.12	17	gray whale	2	1	swim	43	True
412	70.32	-161.23	17	gray whale	2	1	feed	-1	True
428	70.31	-161.41	17	gray whale	1	0	dead	-1	True

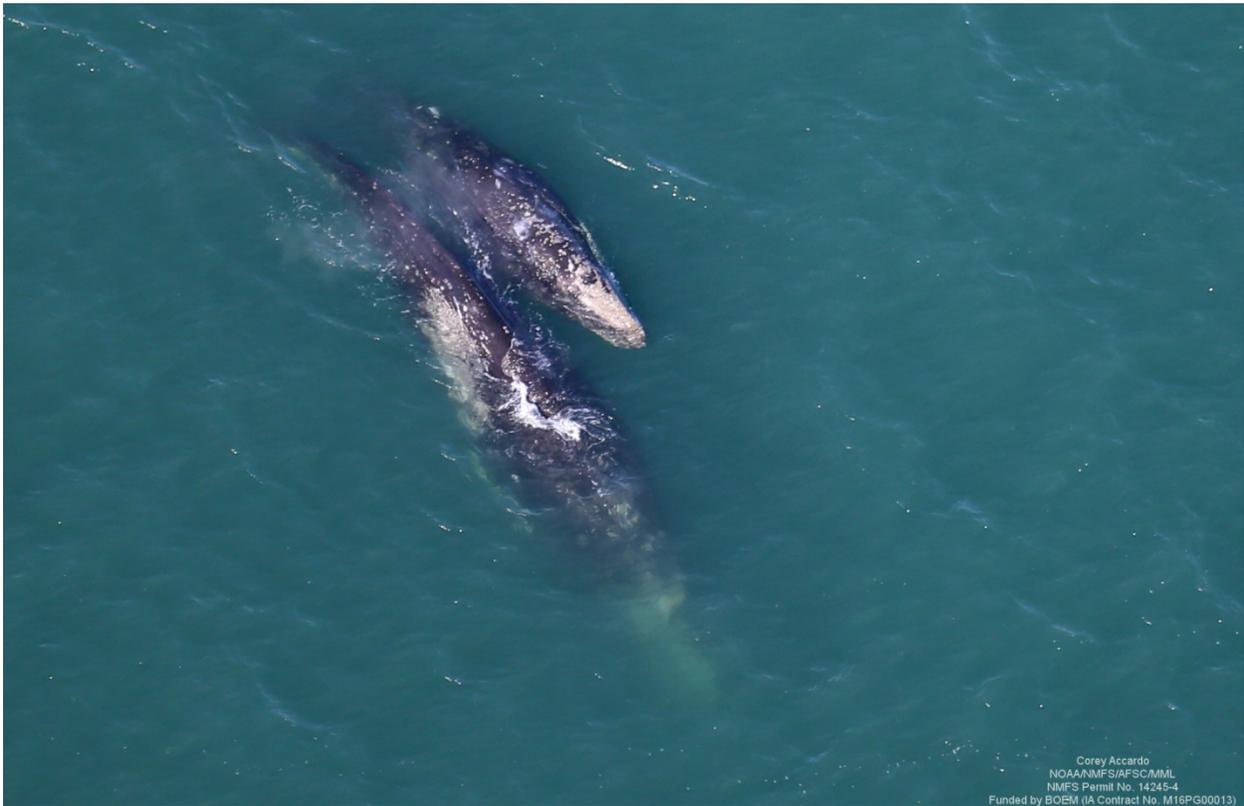


NOAA\FSC\NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 213, 7/24/2016 12:35:45 PM



NOAA\FSC\NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 213, High Density Cluster 1, 7/24/2016 12:35:45 PM





Gray whale cow-calf pair sighted on the coastal transect about 15 km west of Pt. Franklin (Event 312), ASAMM-Chukchi Flight 213, 24 July 2016. As with many of the cow-calf pairs seen this July, the calf is looking healthily plump and the cow is looking skinny. Time to wean, perhaps?