

ASAMM-Chukchi – Flight 219 – 11 August 2017

Area flown: Transects 8 and 10, complete; search effort from south of Wainwright to Utqiagvik.

Total hours flown: 4.1

Total transect hours: 2.1

Number of bowhead whales seen: 0 (0 calves)

Weather and visibility: Skies were overcast. Sea state ranged from Beaufort 3 to 5. Visibility ranged from <1 km to unlimited, with glare, low ceilings, and precipitation. There was no sea ice in the area surveyed.

Sightings: Gray whales (including 5 calves and 1 carcass), one unidentified cetacean carcass, and walrus.

Preliminary Summary, Flight 219 Date: Friday, August 11, 2017

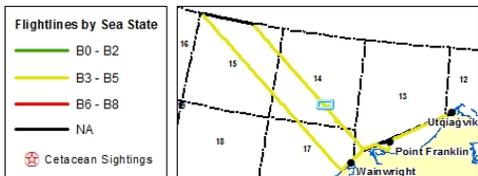
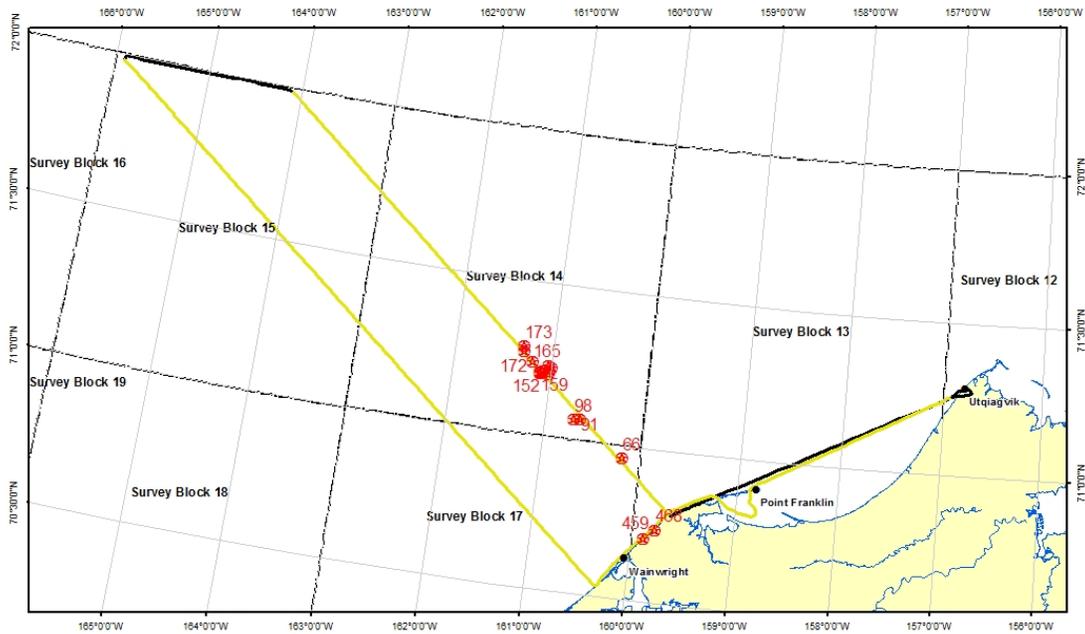
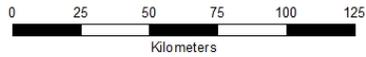
Total bowhead whales: 0	Start time: 8/11/2017 1:50:24 PM	End time: 8/11/2017 5:55:35 PM
Bowhead whale sightings: 0	Transect minutes: 125	Transect km: 462
Bowhead whales on transect: 0	Circling minutes: 30	Circling km: 63.1
Bowhead whale calves: 0	Trans+Circ minutes: 155	Trans+Circ km: 525.1
Bowhead whale calves on transect: 0	Search minutes: 48	Search km: 163.8
Bowhead whale repeats: 0	Total minutes: 245	Total km: 881.2
Possible repeats: 0	Deadhead minutes: 42	Deadhead km: 192.3
Total gray whales: 23	Search blocks: 12,13,15,17	
Total belugas: 0	Transect blocks: 13,14,15,17	
Other whale sightings: 1		
walrus: yes		
Total polar bears: 0		

Cetacean Sightings:

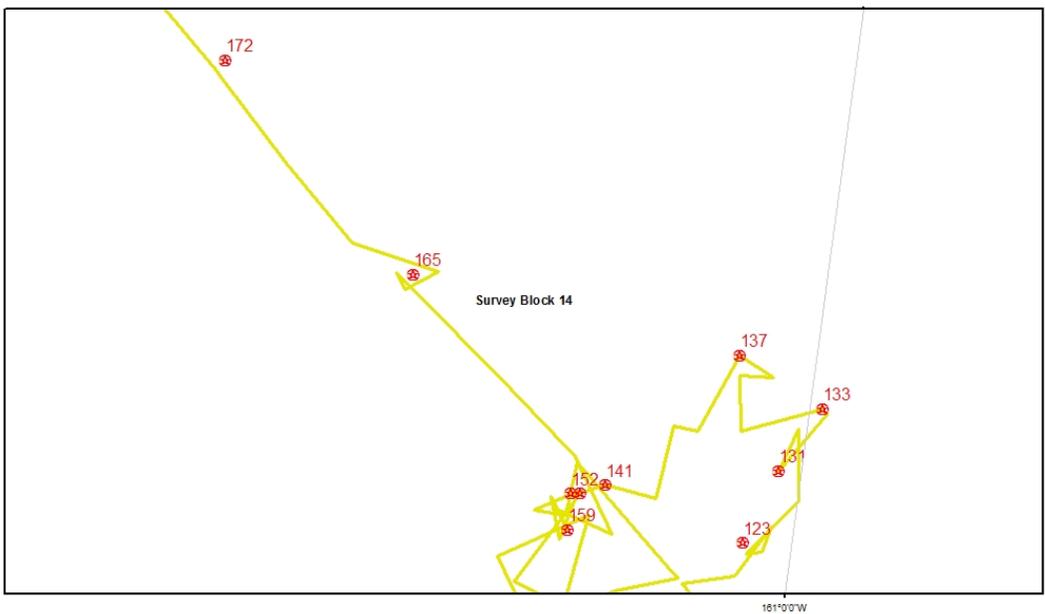
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
66	70.96	-160.2	17	gray whale	2	1	feed	-1	True
91	71.08	-160.63	14	gray whale	2	1	feed	-1	True
98	71.07	-160.7	14	gray whale	2	0	feed	-1	False
123	71.2	-161.04	14	gray whale	2	0	feed	-1	True
131	71.22	-161.01	14	gray whale	1	0	feed	-1	False
133	71.23	-160.99	14	gray whale	1	0	feed	-1	False
137	71.23	-161.04	14	gray whale	2	0	feed	-1	False
141	71.21	-161.09	14	gray whale	1	0	feed	-1	False
142	71.21	-161.1	14	gray whale	2	0	feed	-1	False
152	71.21	-161.1	14	gray whale	2	1	feed	-1	True
159	71.2	-161.11	14	gray whale	1	1	feed	-1	False
165	71.24	-161.2	14	gray whale	2	1	feed	-1	True
172	71.27	-161.3	14	gray whale	1	0	swim	314	True
173	71.27	-161.33	14	gray whale	1	0	feed	-1	True
459	70.71	-159.89	13	unid cetacean	1	0	dead	-1	False
468	70.74	-159.79	13	gray whale	1	0	dead	-1	False

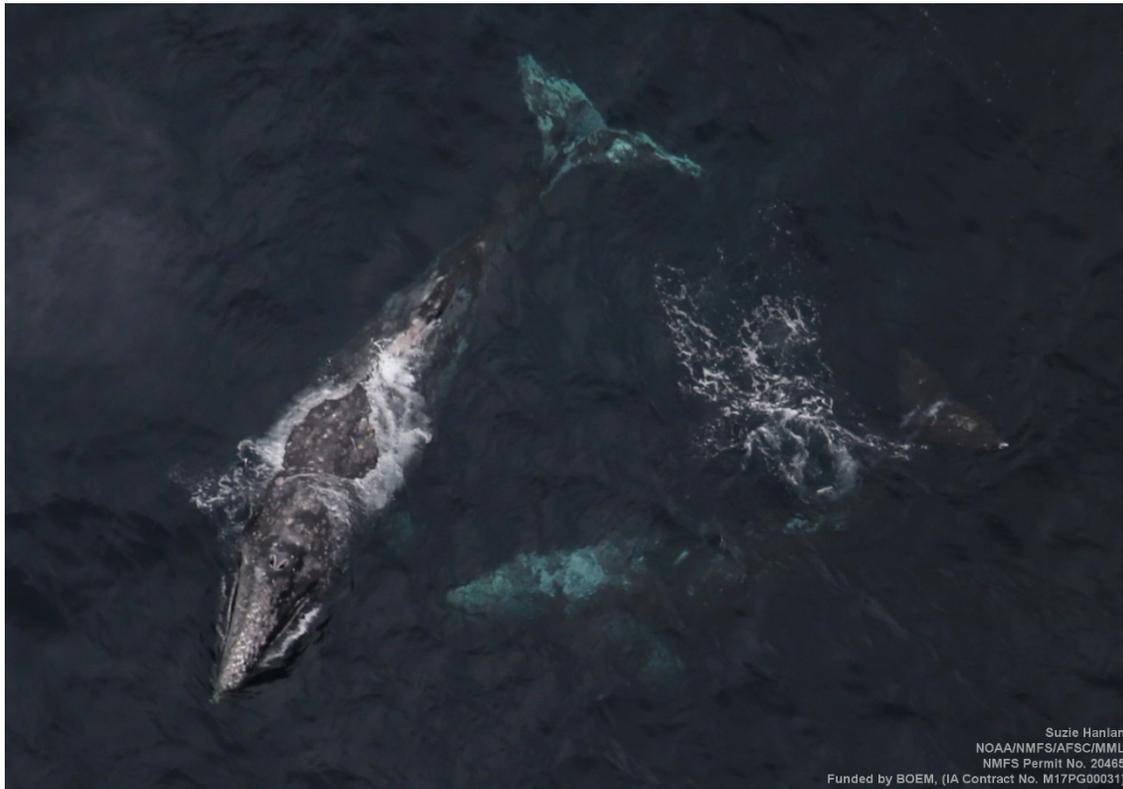


NOAA\FSC\MML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 219, 8/11/2017 1:50:24 PM

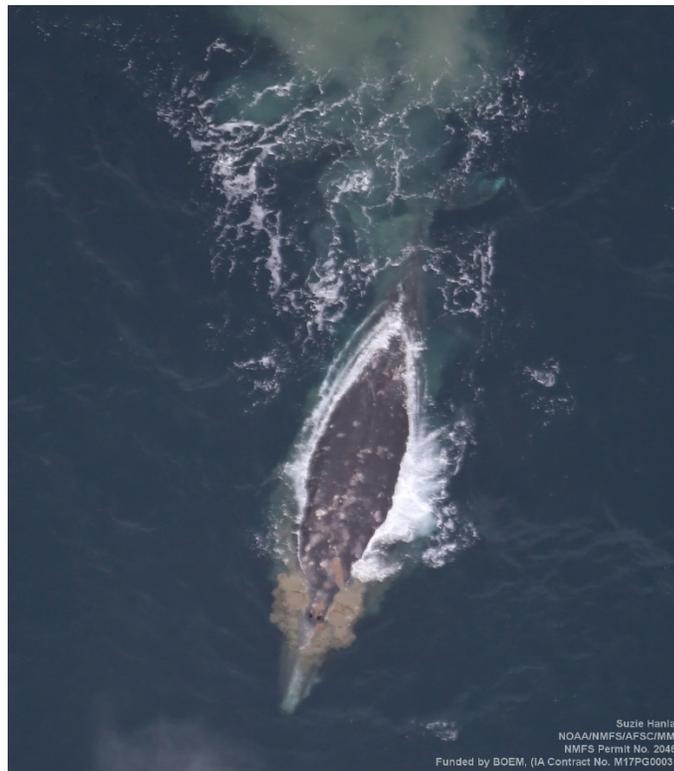


NOAA\FSC\MML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 219, High Density Cluster 1, 8/11/2017





Gray whale cow-calf pair sighted approximately 40 km north of Wainwright, Alaska (event 66), during ASAMM-Chukchi Flight 219, 11 August 2017.



Nice photo showing the narrow mandible and open blowholes on a feeding gray whale sighted approximately 75 km northwest of Wainwright, Alaska (event 137), ASAM-Chukchi Flight 219, 11 August 2017. Mud is streaming out of both sides of its mouth, having first been strained through the short, coarse baleen that catches the mouthwatering (literally) goodies that it collected from sediments on the sea floor. Yum, amphipods and tubeworms!