

## ASAMM-Chukchi – Flight 220 – 6 August 2016

Area flown: Transects 10 and 12, partial.

Total hours flown: 2.9

Total transect hours: 0.9

Number of bowhead whales seen: 0 (0 calves)

Weather and visibility: Skies were clear to overcast. Sea state ranged from Beaufort 2-5.

Visibility ranged from 0 km to unlimited, with fog, glare, and low ceiling. Sea ice ranged from 0 to 15 percent broken floe in the area surveyed. Low ceilings prevented complete coverage of transect lines and additional surveys of the area.

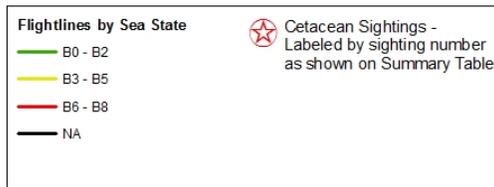
Sightings: Gray whales (including 17 calves), small unidentified pinnipeds, and unidentified pinnipeds. Two gray whales were observed feeding within the cozy confines of Peard Bay (Events 388 and 394).

### Preliminary Summary, Flight 220 Date: 8/6/2016

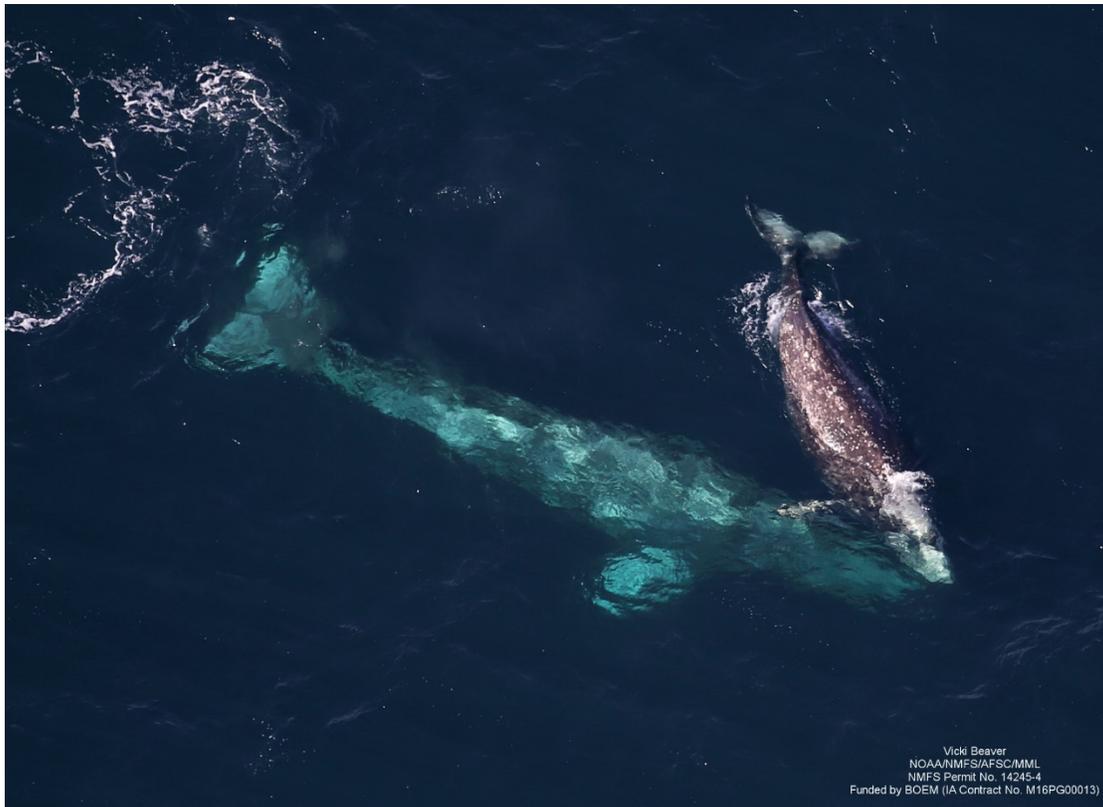
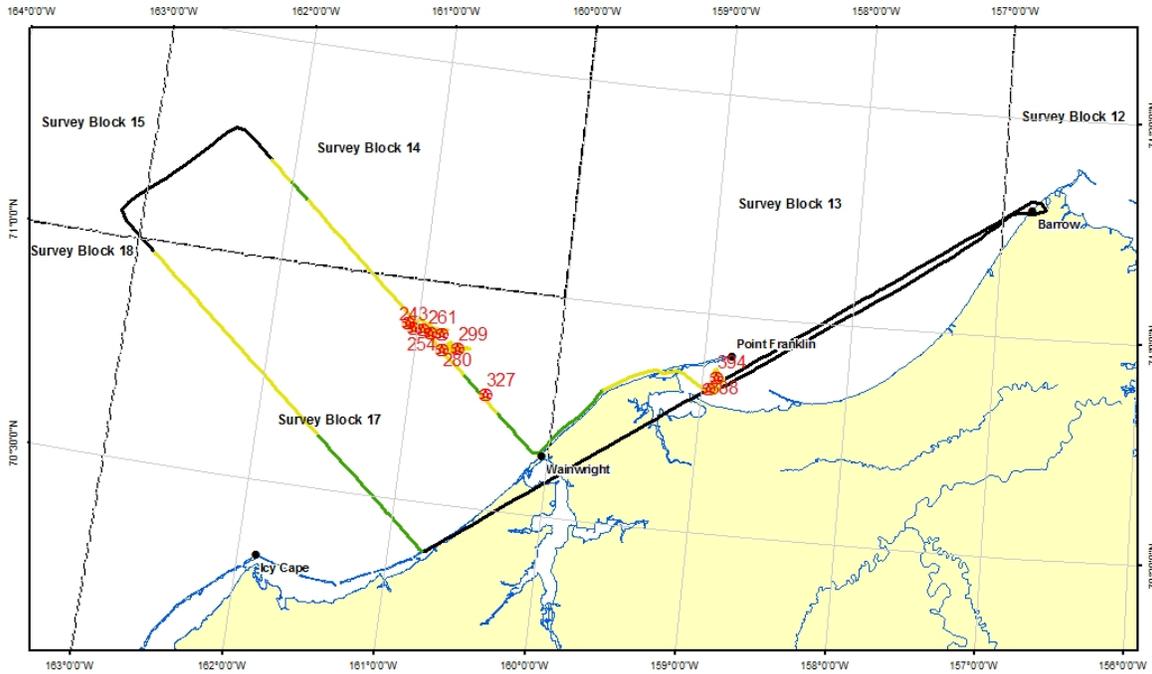
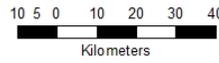
Total bowhead whales: 0	Start time: 8/6/2016 1:53:25 PM	End time: 8/6/2016 4:49:50 PM
Bowhead whale sightings: 0	Transect minutes: 52	Transect km: 199.5
Bowhead whales on transect: 0	Circling minutes: 40	Circling km: 95.8
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 92	Trans+Circ km: 295.3
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 20	Search km: 73.3
Bowhead whale repeats: 0	Total minutes: 176	Total km: 706.7
Possible repeats: 0	Deadhead minutes: 64	Deadhead km: 338.1
Total gray whales: 50	Search blocks: 17, 13	
Total belugas: 0	Transect blocks: 17, 14	
Other whale sightings: 0		
Walrus: No		
Total polar bears: 0		

### Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
224	70.91	-161.03	17	gray whale	8	3	feed	-1	True
243	70.89	-161.02	17	gray whale	7	2	feed	-1	False
254	70.89	-160.95	17	gray whale	5	3	feed	-1	False
261	70.88	-160.9	17	gray whale	5	2	feed	-1	False
264	70.89	-160.82	17	gray whale	6	2	feed	-1	False
280	70.85	-160.81	17	gray whale	7	1	feed	-1	True
299	70.86	-160.7	17	gray whale	9	4	feed	-1	False
327	70.75	-160.48	17	gray whale	1	0	dive	-1	True
388	70.83	-158.95	13	gray whale	1	0	feed	-1	False
394	70.86	-158.9	13	gray whale	1	0	feed	-1	False



NOAA\AFSC\NMML-BOEM  
 Aerial Surveys of Arctic Marine Mammals Program  
 Flight 220, 8/6/2016 1:47:32 PM



Vicki Beaver  
 NOAA/NMFS/AFSC/MML  
 NMFS Permit No. 14245-4  
 Funded by BOEM (IA Contract No. M16PG00013)

Gray whale cow-calf pair sighted approximately 50 km northeast of Wainwright, Alaska (Event 224), ASAMM-Chukchi Flight 220, 6 August 2016.



One of two gray whales observed feeding within Peard Bay (south of Point Franklin), Alaska (Event 388), ASAMM-Chukchi Flight 220, 6 August 2016. Gray whales are frequently observed north of Peard Bay, but this is ASAMM's first record of gray whales within the bay itself.