

ASAMM-Chukchi – Flight 214 – 28 July 2017

Area flown: Transects 9, 11, 17, and 19, complete and search effort from Point Franklin to Utqiaġvik.

Total hours flown: 8.4 (2 flights)

Total transect hours: 4.7

Number of bowhead whales seen: 0 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1 to 3. 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 2 calves), belugas (including 31 calves), walruses (including 2 carcasses), bearded seals, small unidentified pinnipeds, and one unidentified marine mammal carcass. One gray whale was sighted feeding inside Peard Bay (Event 619).

Preliminary Summary, Flight 214 Date: Friday, July 28, 2017

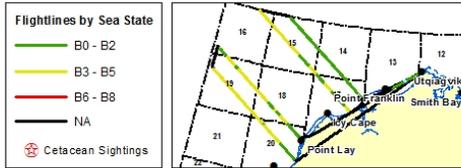
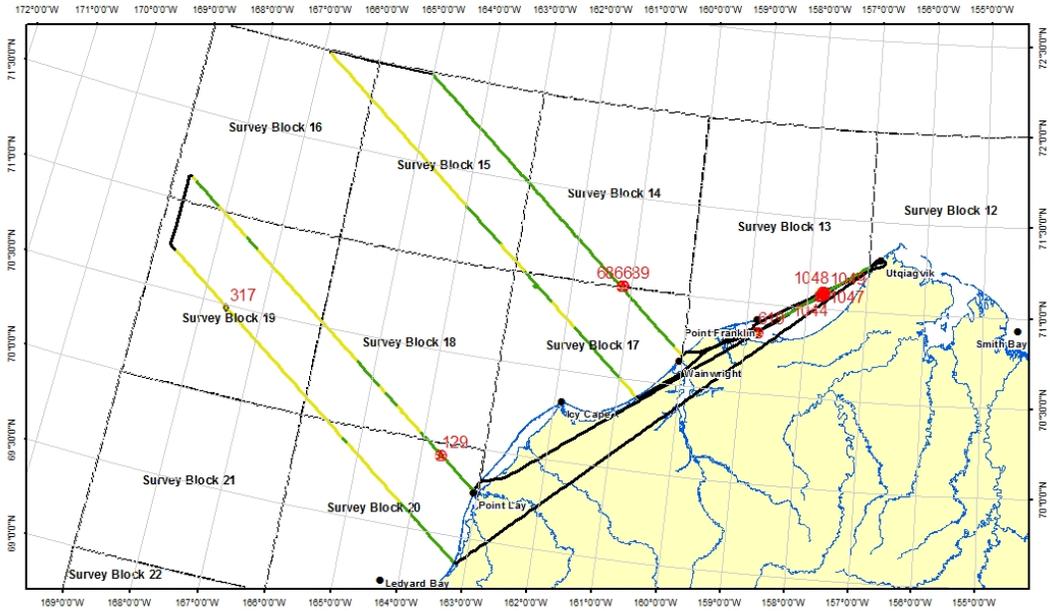
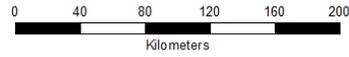
Total bowhead whales: 0	Start time: 7/28/2017 9:10:49 AM	End time: 7/28/2017 6:10:31 PM
Bowhead whale sightings: 0	Transect minutes: 268	Transect km: 1027.9
Bowhead whales on transect: 0	Circling minutes: 15	Circling km: 39.8
Bowhead whale calves: 0	Trans+Circ minutes: 283	Trans+Circ km: 1067.7
Bowhead whale calves on transect: 0	Search minutes: 32	Search km: 87.4
Bowhead whale repeats: 0	Total minutes: 502	Total km: 2156.1
Possible repeats: 0	Deadhead minutes: 188	Deadhead km: 1001
Total gray whales: 7	Search blocks: 13,15,16,17,20	
Total belugas: 262	Transect blocks: 14,15,16,17,18,19,20	
Other whale sightings: 1		
walrus: yes		
Total polar bears: 0		

Cetacean Sightings:

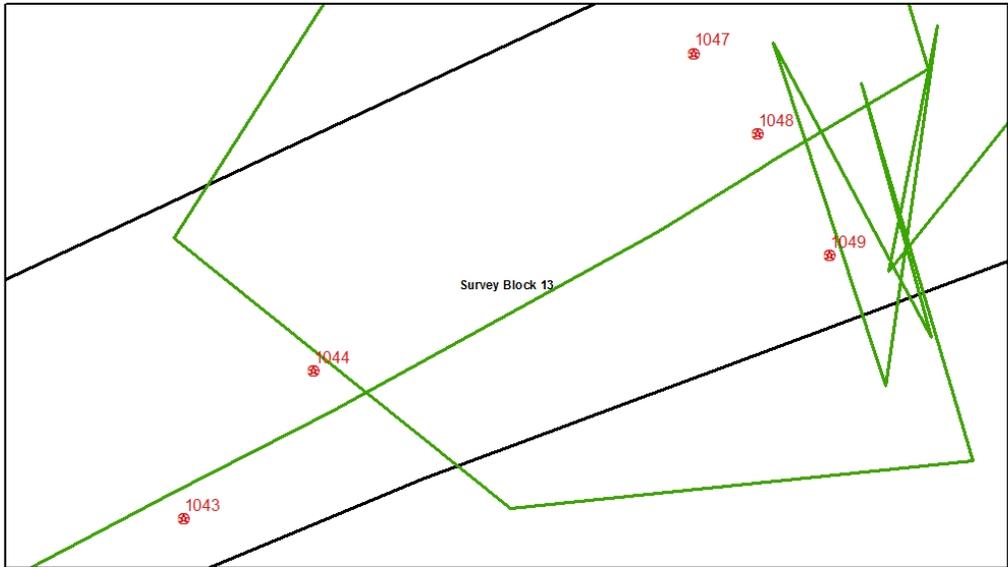
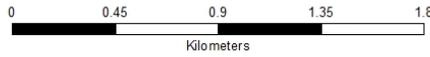
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
129	69.93	-163.67	20	gray whale	1	0	swim	218	True
317	70.49	-167.6	19	unid marine mammal	1	0	dead	-1	False
619	70.84	-158.79	13	gray whale	1	0	feed	-1	False
686	71	-161.14	14	gray whale	3	1	feed	-1	True
689	71.01	-161.13	14	gray whale	2	1	feed	-1	False
1043	71.07	-157.78	13	beluga	3	0	swim	358	False
1044	71.08	-157.77	13	beluga	1	0	swim	359	False
1047	71.09	-157.72	13	beluga	3	1	swim	354	False
1048	71.09	-157.72	13	beluga	5	0	swim	354	False
1049	71.09	-157.72	13	beluga	250	30	mill	-1	False



NOAA\FSC\MML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 214, 7/28/2017 9:10:49 AM



NOAA\FSC\MML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 214, High Density Cluster 1, 7/28/2017





Gray whale observed feeding within Peard Bay (south of Point Franklin), Alaska (Event 619), ASAMM-Chukchi Flight 214, 28 July 2017.



A zoomed out view of a pod of 250 belugas sighted approximately 40 km southwest of Utqiagvik, Alaska (Event 1049), ASAMM-Chukchi Flight 214, 28 July 2017.



Zoomed in image of belugas sighted in a pod of 250, approximately 40 km southwest of Utqiagvik, Alaska (Event 1049), ASAMM-Chukchi Flight 214, 28 July 2017.