

ASAMM-Chukchi – Flight 209 – 19 July 2016

Area flown: Transects 33, 34, 35, and 36, complete; transect 37, partial.

Total hours flown: 7.0 (2 flights)

Total transect hours: 2.4

Number of bowhead whales seen: 0 (0 calves)

Weather and visibility: Skies were partly cloudy. Sea state ranged from Beaufort 1-3. Visibility was 5-10 km to unlimited, with glare. There was no sea ice in the area surveyed. Time constraint prevented complete coverage of transect line 37.

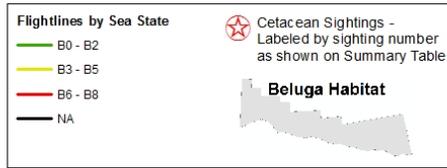
Sightings: Gray whales (including 8 calves), harbor porpoises, and small unidentified pinnipeds. One dead walrus and one dead unidentified marine mammal were also seen.

Preliminary Summary, Flight 209 Date: Tuesday, July 19, 2016

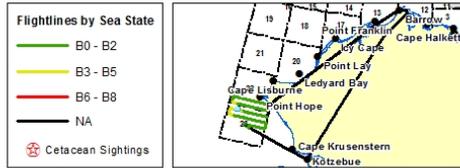
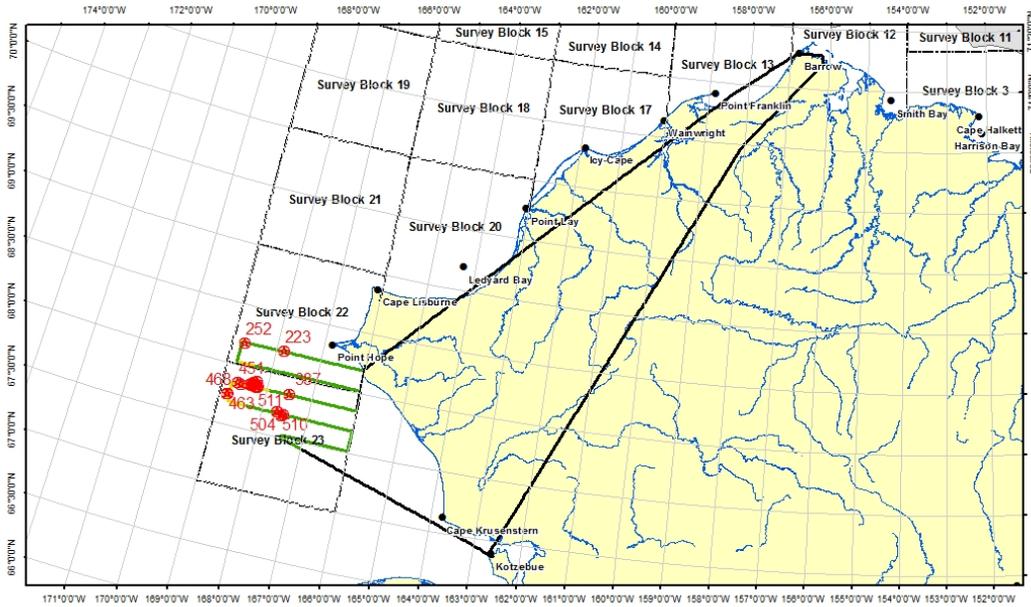
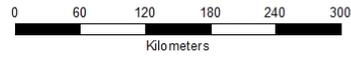
Total bowhead whales: 0	Start time: 7/19/2016 9:34:25 AM	End time: 7/19/2016 5:40:05 PM
Bowhead whale sightings: 0	Transect minutes: 141	Transect km: 516.9
Bowhead whales on transect: 0	Circling minutes: 25	Circling km: 69.7
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 166	Trans+Circ km: 586.6
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 22	Search km: 84.1
Bowhead whale repeats: 0	Total minutes: 422	Total km: 1974.3
Possible repeats: 0	Deadhead minutes: 235	Deadhead km: 1303.6
Total gray whales: 36	Search blocks: 22,23	
Total belugas: 0	Transect blocks: 22,23	
Other whale sightings: 7		
walrus: yes		
Total polar bears: 0		

Cetacean Sightings:

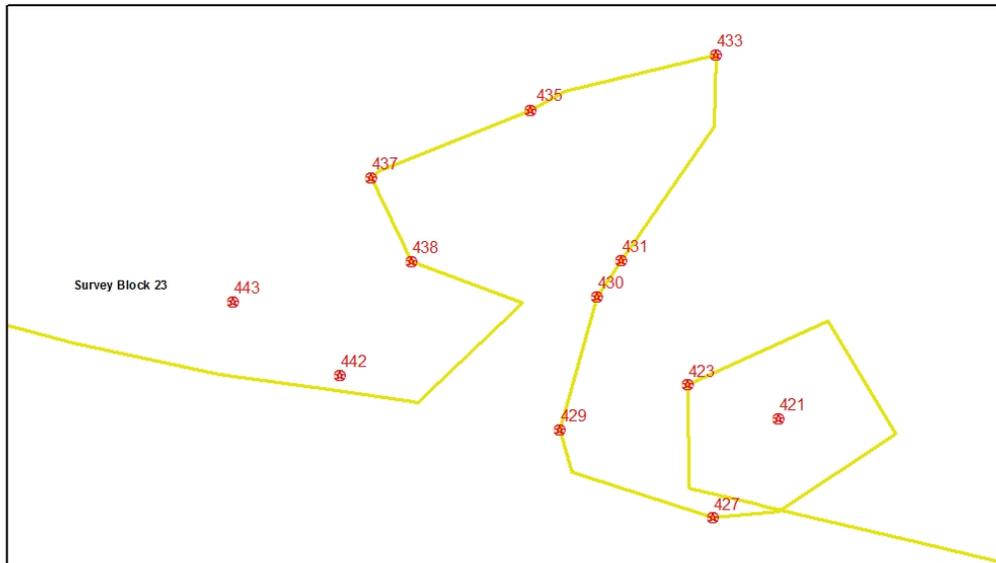
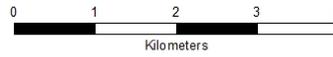
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
223	68.2	-167.82	22	gray whale	2	1	rest	-1	True
252	68.19	-168.72	22	gray whale	1	0	swim	149	True
387	67.86	-167.49	23	harbor porpoise	5	0	mill	-1	True
421	67.86	-168.21	23	gray whale	1	0	feed	-1	True
423	67.87	-168.24	23	gray whale	1	0	feed	-1	False
427	67.86	-168.22	23	gray whale	2	1	feed	-1	False
429	67.86	-168.27	23	gray whale	2	0	feed	-1	False
430	67.88	-168.27	23	gray whale	2	1	swim	-1	False
431	67.88	-168.26	23	gray whale	3	0	feed	-1	False
433	67.91	-168.25	23	gray whale	2	0	feed	-1	False
435	67.9	-168.3	23	harbor porpoise	2	0	mill	-1	False
437	67.88	-168.34	23	gray whale	3	1	feed	-1	False
438	67.88	-168.32	23	gray whale	1	0	feed	-1	False
442	67.86	-168.33	23	gray whale	1	0	dive	-1	True
443	67.86	-168.37	23	gray whale	1	0	rest	-1	True
448	67.86	-168.56	23	gray whale	2	0	swim	119	True
451	67.86	-168.66	23	gray whale	1	0	rest	-1	True
463	67.75	-168.78	23	gray whale	1	0	feed	-1	False
468	67.75	-168.82	23	gray whale	1	0	swim	-1	False
502	67.69	-167.67	23	gray whale	3	1	mill	-1	True
504	67.71	-167.67	23	gray whale	2	1	swim	-1	False
510	67.69	-167.55	23	gray whale	2	1	swim	179	True
511	67.69	-167.52	23	gray whale	2	1	swim	210	True

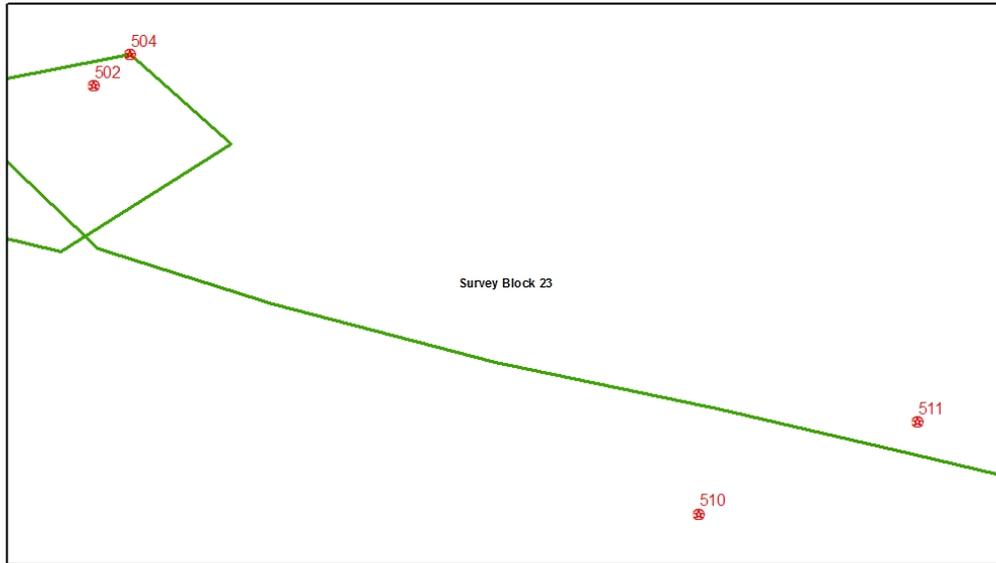
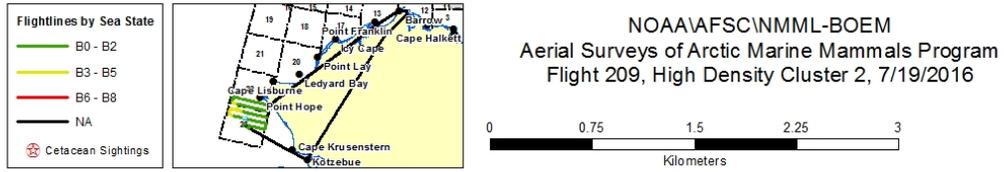


NOAA/AFSC/INMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 209, 7/19/2016 9:27:49 AM



NOAA/AFSC/INMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 209, High Density Cluster 1, 7/19/2016





Tiny cetaceans, a.k.a., harbor porpoises, sighted approximately 70 km south of Point Hope (Event 387), Alaska during ASAMM-Chukchi Flight 209, 19 July 2016.