

ASAMM-Chukchi – Flight 241 – 30 September 2017

Area flown: Transects 6, 8, 10, and 12, partial.

Total hours flown: 5.0

Total transect hours: 2.8

Number of bowhead whales seen: 2 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2 to 3. Visibility ranged from 0 km to unlimited, with glare and low ceilings. There was no sea ice in the area surveyed. Low ceilings precluded survey effort nearshore.

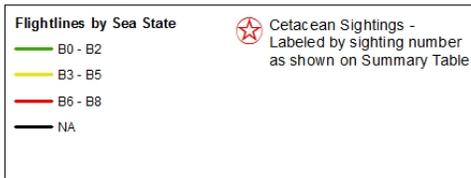
Sightings: Bowhead whales (including one carcass), gray whales, walrus, one bearded seal, unidentified pinnipeds, small unidentified pinnipeds, and one unidentified marine mammal carcass.

Preliminary Summary, Flight 241 Date: Saturday, September 30, 2017

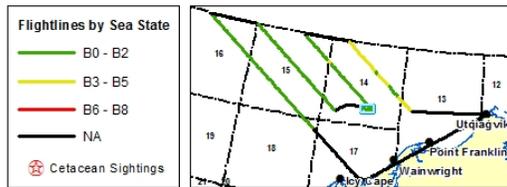
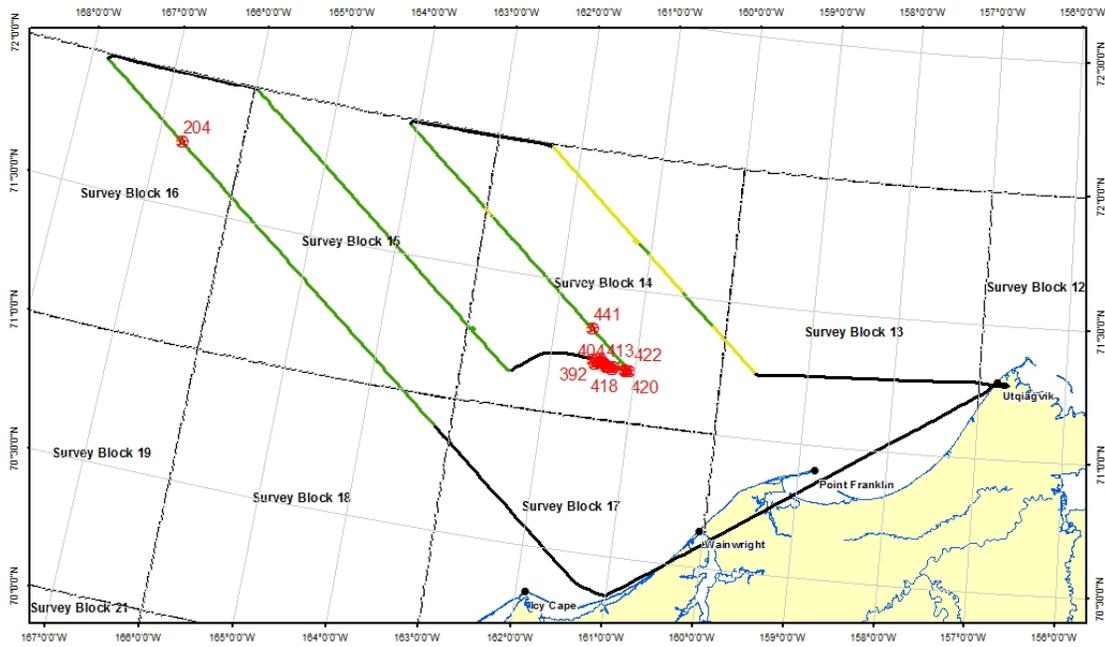
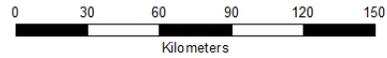
Total bowhead whales: 2	Start time: 9/30/2017 12:39:30 PM	End time: 9/30/2017 5:38:44 PM
Bowhead whale sightings: 2	Transect minutes: 168	Transect km: 619.1
Bowhead whales on transect: 2	Circling minutes: 9	Circling km: 22.7
Bowhead whale calves: 0	Trans+Circ minutes: 178	Trans+Circ km: 641.8
Bowhead whale calves on transect: 0	Search minutes: 15	Search km: 43.3
Bowhead whale repeats: 0	Total minutes: 299	Total km: 1245.6
Possible repeats: 0	Deadhead minutes: 106	Deadhead km: 560.5
Total gray whales: 19	Search blocks: 13,14,15,16	
Total belugas: 0	Transect blocks: 13,14,15,16,18	
Other whale sightings: 0		
Walrus: yes		
Total polar bears: 0		

Cetacean Sightings:

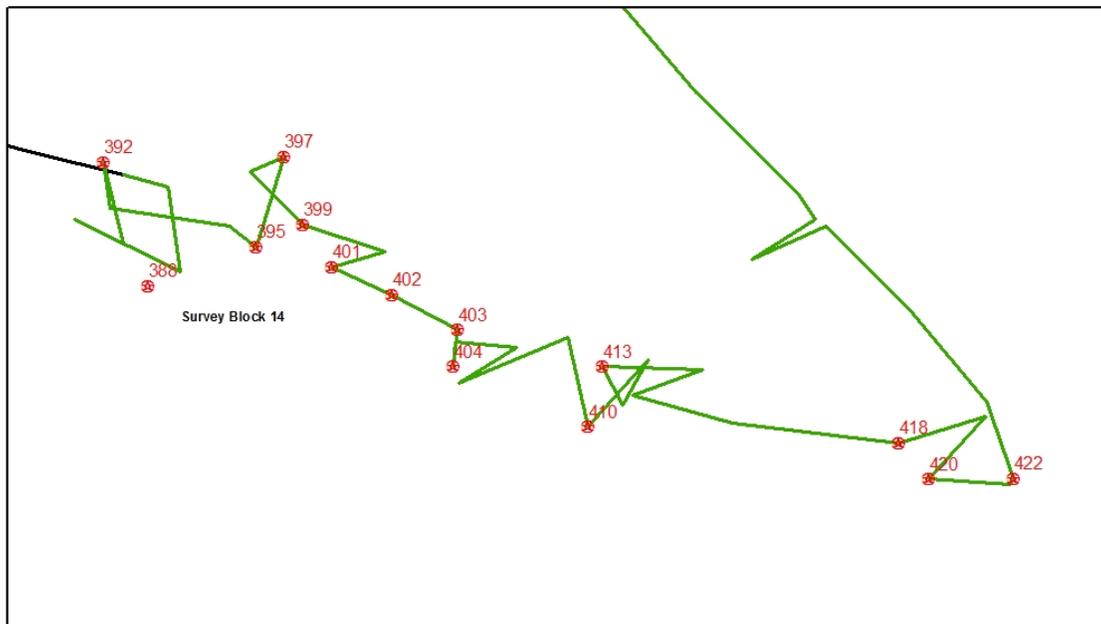
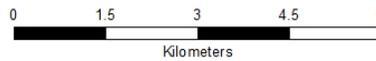
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
204	71.74	-166.71	16	bowhead whale	1	0	dead	-1	True
388	71.22	-161.46	14	gray whale	2	0	feed	-1	False
392	71.22	-161.49	14	gray whale	1	0	feed	-1	False
395	71.22	-161.42	14	gray whale	1	0	feed	-1	False
397	71.23	-161.41	14	gray whale	1	0	feed	-1	False
399	71.22	-161.4	14	gray whale	1	0	feed	-1	False
401	71.21	-161.39	14	gray whale	1	0	feed	-1	False
402	71.21	-161.36	14	gray whale	2	0	feed	-1	False
403	71.21	-161.32	14	gray whale	1	0	feed	-1	False
404	71.2	-161.32	14	gray whale	3	0	feed	-1	False
410	71.2	-161.26	14	gray whale	1	0	feed	-1	False
413	71.2	-161.26	14	gray whale	1	0	feed	-1	False
418	71.2	-161.12	14	gray whale	2	0	feed	-1	False
420	71.19	-161.1	14	gray whale	1	0	feed	-1	False
422	71.2	-161.07	14	gray whale	1	0	feed	-1	False
441	71.33	-161.55	14	bowhead whale	1	0	swim	250	True

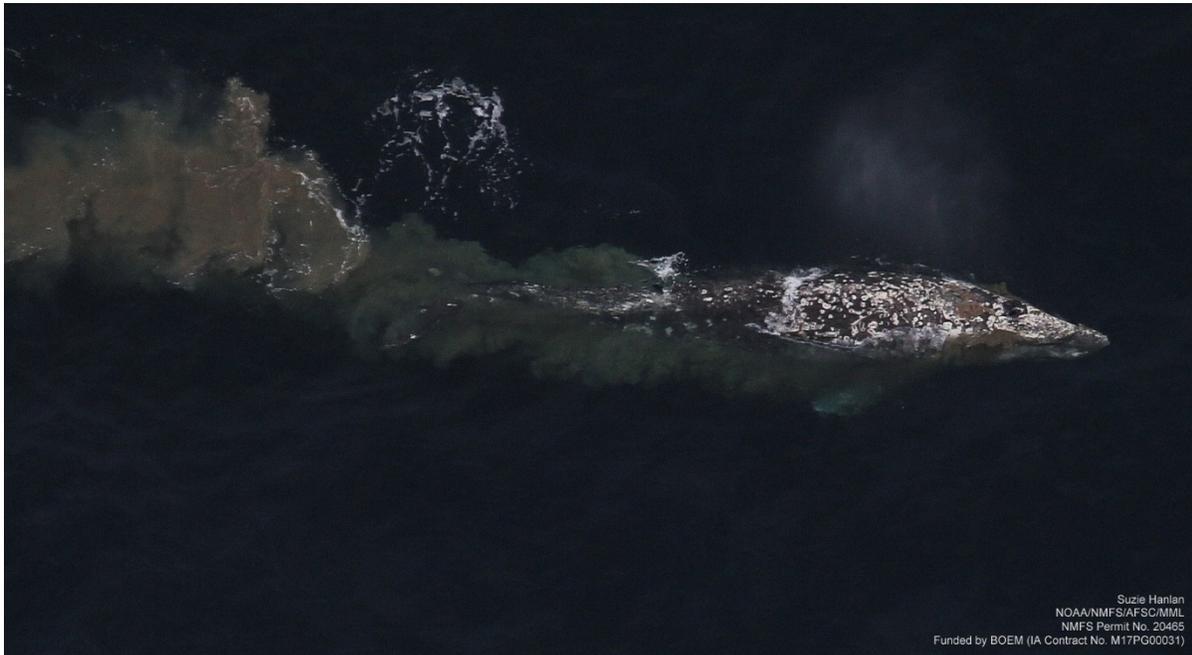


NOAA/AFSC/MML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 241, 9/30/2017 12:39:30 PM



NOAA/AFSC/MML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 241, High Density Cluster 1, 9/30/2017





Mud seeps out of the mouth and trails behind this gray whale, who keeps its jaws tightly closed to capture the tasty morsels it collected from the ocean floor. Observed approximately 80 km northwest of Wainwright, Alaska (Event 395), ASAMM-Chukchi Flight 241, 30 September 2017.



The large and in-charge white chin of this swimming bowhead whale stands out against the dark skin and water. Observed approximately 100 km northwest of Wainwright, Alaska (Event 441), ASAMM-Chukchi Flight 241, 30 September 2017.