

ASAMM-Beaufort – Flight 31 – 15 September 2017

Area flown: Block 4, 4 complete transects; block 5, 2 complete transects; block 6, 4 partial transects; block 7, 2 partial transects.

Total hours flown: 4.8

Total transect hours: 2.2

Number of bowhead whales seen: 40 (9 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2 to 6. Visibility ranged from 0 km to unlimited, with fog, glare, and haze. There was no sea ice in the area surveyed.

Sightings: Bowhead whales, unidentified pinnipeds, small unidentified pinnipeds, and one polar bear. The polar bear was swimming approximately 1 km from a barrier island east of Kaktovik.

Preliminary Summary, Flight 31 Date: Friday, September 15, 2017

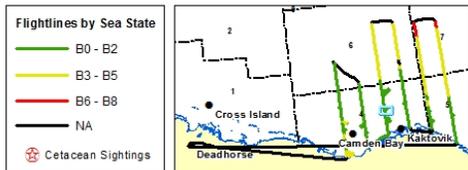
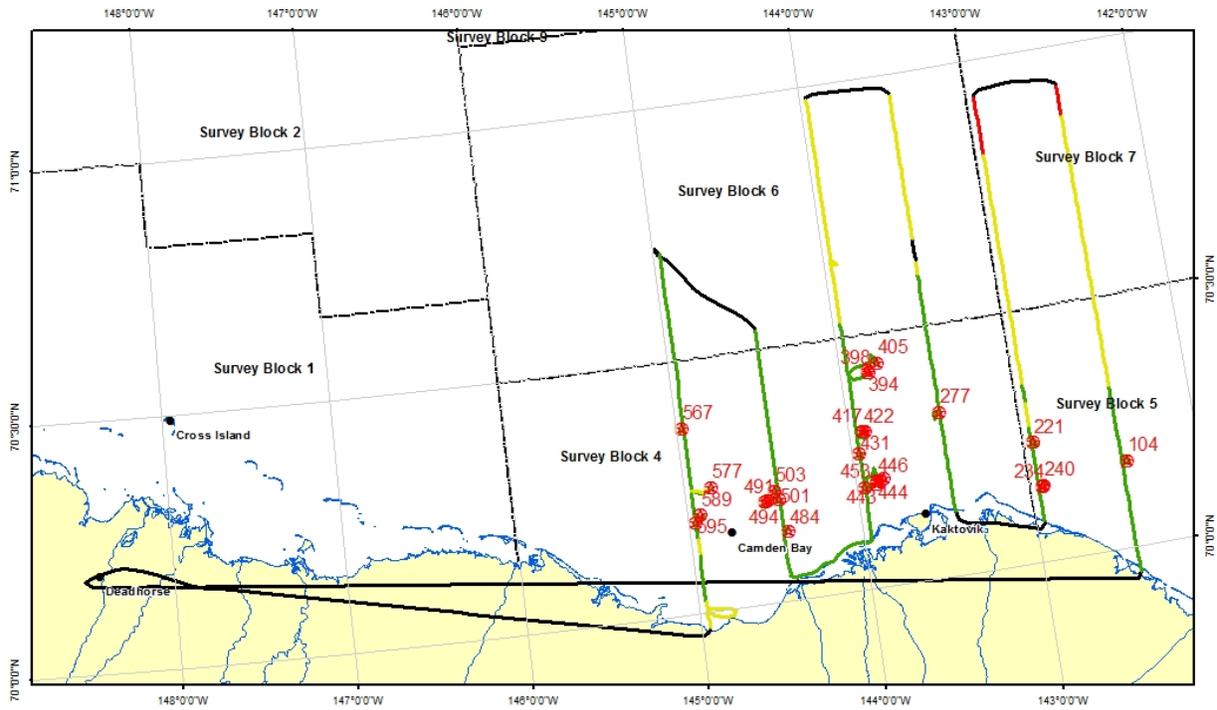
Total bowhead whales: 40	Start time: 9/15/2017 9:05:12 AM	End time: 9/15/2017 1:52:41 PM
Bowhead whale sightings: 27	Transect minutes: 133	Transect km: 511.8
Bowhead whales on transect: 23	Circling minutes: 52	Circling km: 154.9
Bowhead whale calves: 9	Trans+Circ minutes: 185	Trans+Circ km: 666.7
Bowhead whale calves on transect: 6	Search minutes: 7	Search km: 24.4
Bowhead whale repeats: 0	Total minutes: 287	Total km: 1159.8
Possible repeats: 0	Deadhead minutes: 95	Deadhead km: 468.7
Total gray whales: 0	Search blocks: 4,5,6,7	
Total belugas: 0	Transect blocks: 4,5,6,7	
Other whale sightings: 0		
walrus: no		
Total polar bears: 1		

Cetacean Sightings:

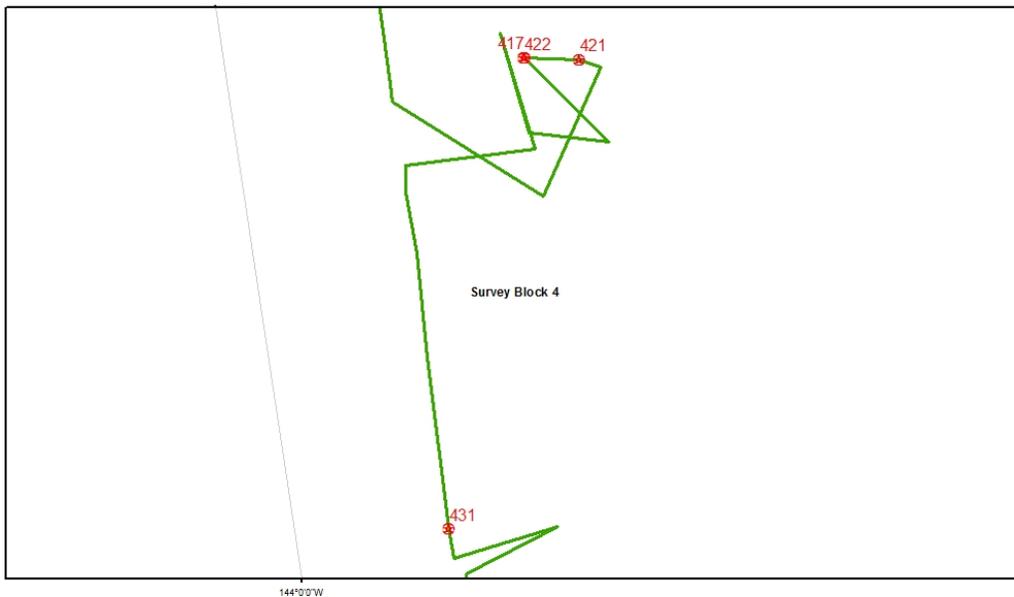
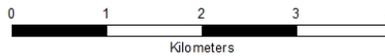
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
104	70.17	-142.46	5	bowhead whale	1	0	swim	270	True
221	70.24	-142.96	5	bowhead whale	1	0	swim	90	True
234	70.15	-142.96	5	bowhead whale	1	1	swim	240	True
240	70.15	-142.92	5	bowhead whale	1	0	feed	-1	False
277	70.32	-143.46	4	bowhead whale	2	1	swim	239	False
394	70.43	-143.96	4	bowhead whale	3	0	rest	-1	True
398	70.42	-143.83	4	bowhead whale	1	0	swim	-1	False
405	70.44	-143.77	4	bowhead whale	2	0	rest	-1	False
417	70.31	-143.96	4	bowhead whale	1	0	rest	-1	True
421	70.31	-143.9	4	bowhead whale	1	0	rest	-1	False
422	70.31	-143.92	4	bowhead whale	3	1	rest	-1	False
431	70.27	-143.96	4	bowhead whale	2	1	swim	269	True
438	70.21	-143.95	4	bowhead whale	1	0	swim	270	True
442	70.21	-143.86	4	bowhead whale	1	0	rest	-1	False
443	70.21	-143.87	4	bowhead whale	1	0	unknown	-1	False
444	70.2	-143.88	4	bowhead whale	2	1	swim	-1	False
446	70.21	-143.87	4	bowhead whale	1	0	swim	-1	False
453	70.2	-143.95	4	bowhead whale	1	0	swim	273	True
484	70.14	-144.46	4	bowhead whale	1	0	swim	270	True
491	70.2	-144.46	4	bowhead whale	4	1	mill	-1	True
494	70.2	-144.53	4	bowhead whale	1	0	swim	-1	False
501	70.2	-144.46	4	bowhead whale	1	0	swim	-1	False
503	70.22	-144.46	4	bowhead whale	1	0	swim	284	True
567	70.37	-144.96	4	bowhead whale	2	1	swim	90	True
577	70.25	-144.95	4	bowhead whale	1	0	swim	240	True
589	70.19	-144.95	4	bowhead whale	2	1	swim	240	True
595	70.18	-144.95	4	bowhead whale	1	1	rest	-1	True

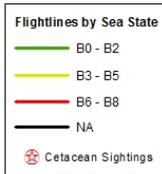


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Aerial Surveys of Arctic Marine Mammals Program
Flight 31, 9/15/2017 9:05:12 AM

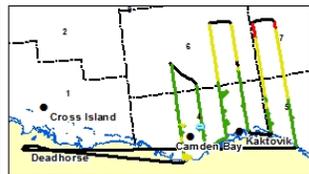
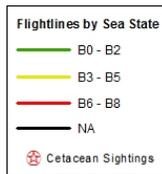
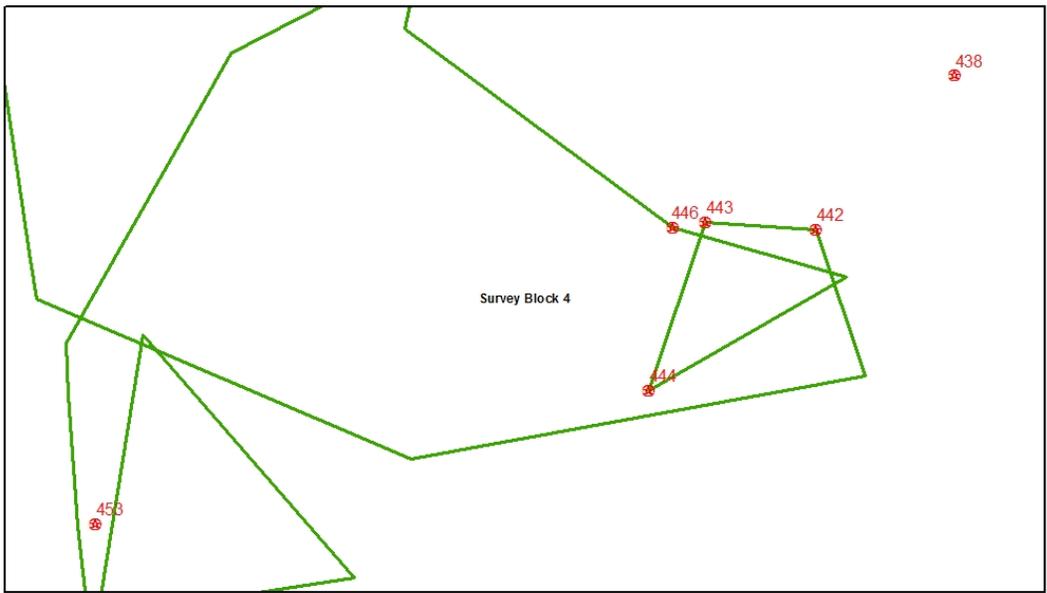
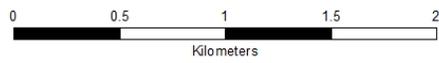


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Flight 31, High Density Cluster 1, 9/15/2017

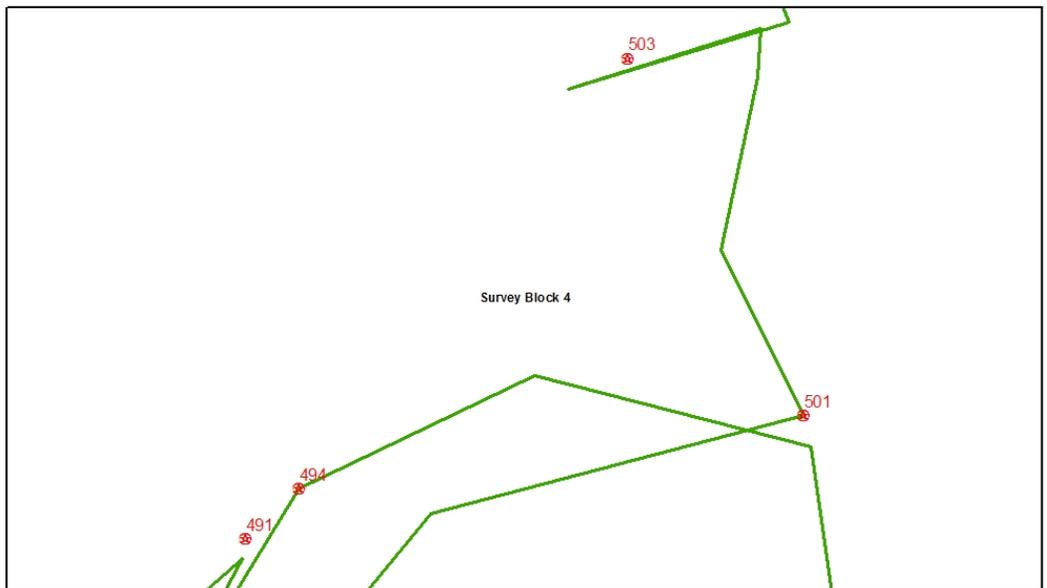


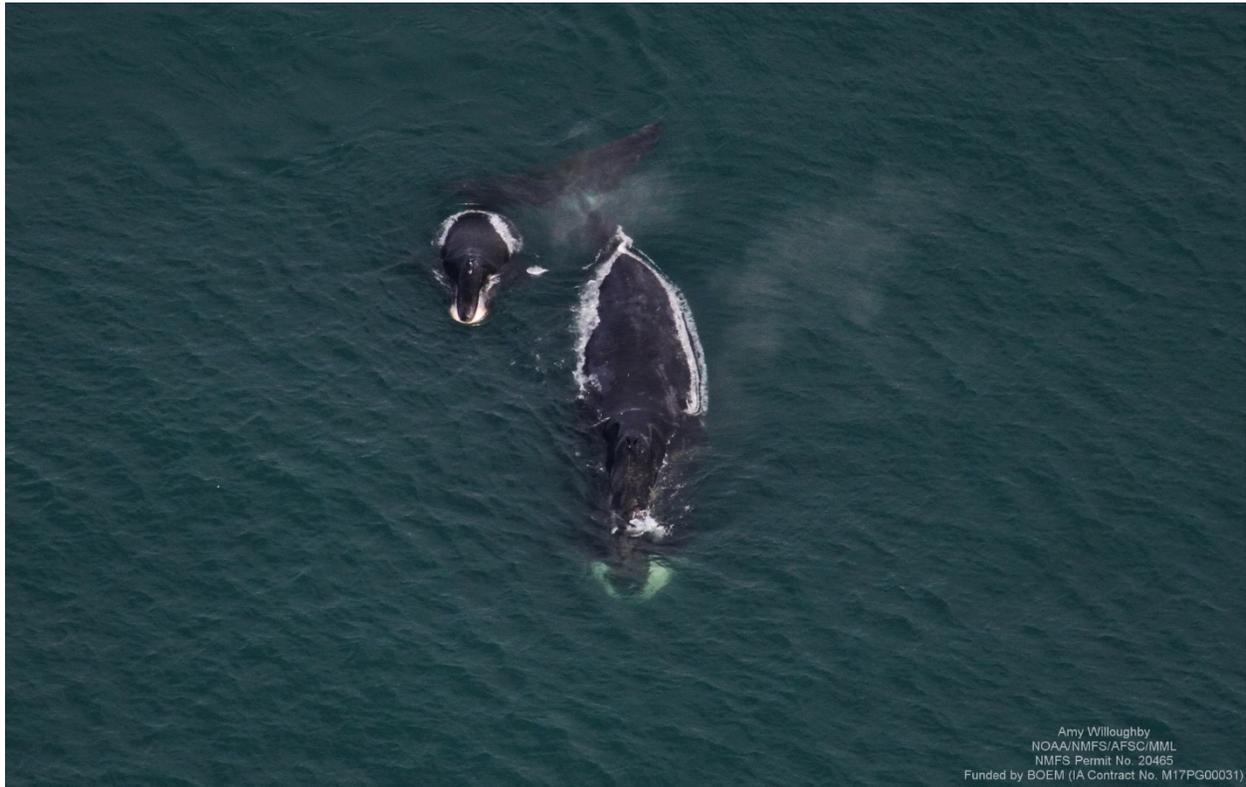


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 Aerial Surveys of Arctic Marine Mammals Program
 Flight 31, High Density Cluster 2, 9/15/2017



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 Aerial Surveys of Arctic Marine Mammals Program
 Flight 31, High Density Cluster 3, 9/15/2017





Bowhead whale cow and calf sighted approximately 20 km offshore in Camden Bay, Alaska (Event 491), ASAMM-Beaufort Flight 31, 15 September 2017.