

ASAMM-Chukchi – Flight 247 – 15 October 2017

Area flown: Block 1, 7 complete transects, block 2, 7 complete transects.

Total hours flown: 6.2 (2 flights)

Total transect hours: 3.2

Number of bowhead whales seen: 23 (4 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 0 to 6. Visibility ranged from 0 km to unlimited, with glare, low ceilings, and precipitation. Sea ice ranged from 0 to 95 percent grease and new ice in the area surveyed.

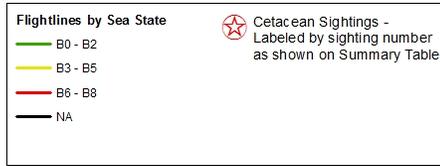
Sightings: Bowhead whales, belugas (including 1 calf), polar bears (including 15 cubs), and small unidentified pinnipeds. All polar bears were sighted on Cross Island.

Preliminary Summary, Flight 247 Date: Sunday, October 15, 2017

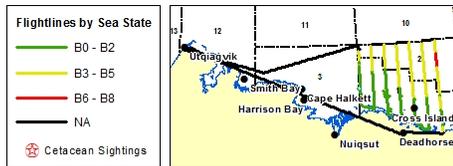
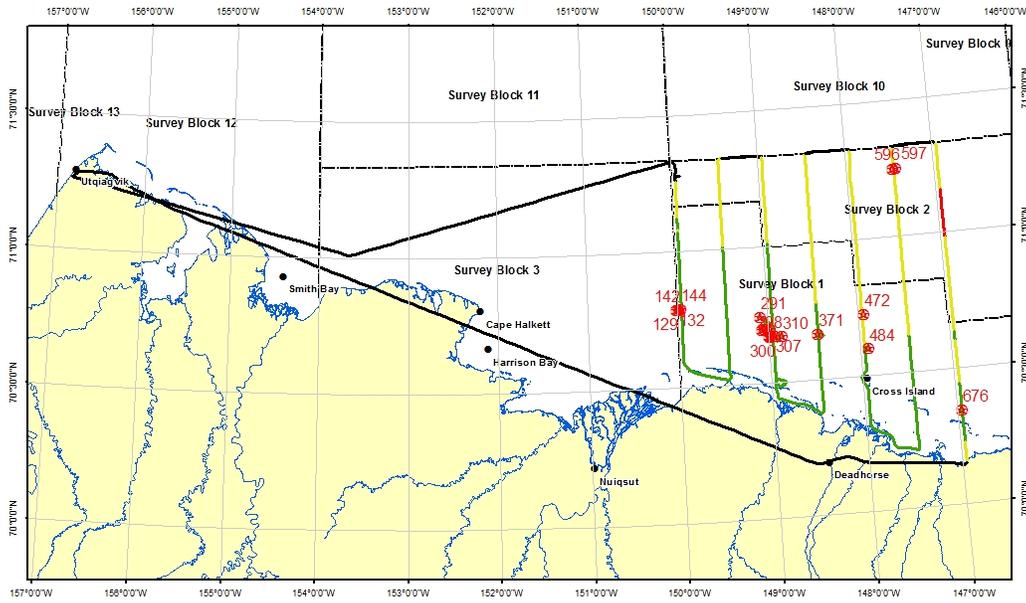
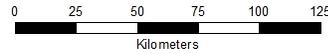
Total bowhead whales: 23	Start time: 10/15/2017 11:57:28 AM	End time: 10/15/2017 6:54:08 PM
Bowhead whale sightings: 16	Transect minutes: 191	Transect km: 725.1
Bowhead whales on transect: 10	Circling minutes: 36	Circling km: 108.9
Bowhead whale calves: 4	Trans+Circ minutes: 226	Trans+Circ km: 834
Bowhead whale calves on transect: 1	Search minutes: 18	Search km: 69.2
Bowhead whale repeats: 0	Total minutes: 373	Total km: 1619.3
Possible repeats: 0	Deadhead minutes: 130	Deadhead km: 716.1
Total gray whales: 0	Search blocks: 1,2	
Total belugas: 20	Transect blocks: 1,2	
Other whale sightings: 0		
walrus: no		
Total polar bears: 62		

Cetacean Sightings:

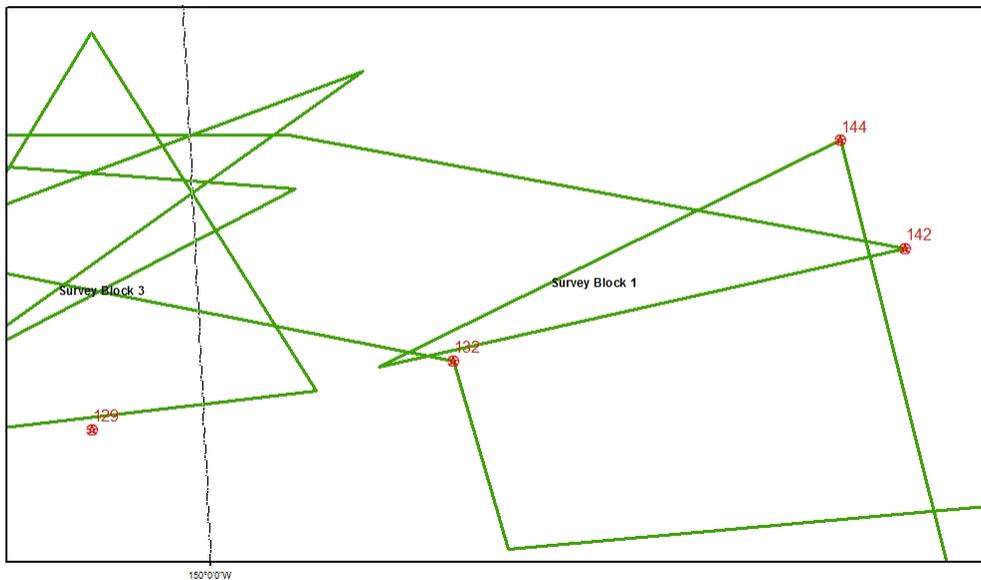
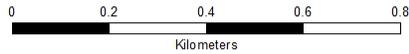
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
129	70.79	-149.95	3	bowhead whale	3	0	feed	-1	True
132	70.79	-149.99	1	bowhead whale	1	0	feed	-1	False
142	70.79	-149.96	1	bowhead whale	1	0	feed	-1	False
144	70.79	-149.96	1	bowhead whale	1	0	feed	-1	False
280	70.7	-148.95	1	bowhead whale	1	0	swim	360	True
281	70.7	-148.95	1	bowhead whale	2	1	rest	-1	True
287	70.7	-149.07	1	bowhead whale	1	0	swim	-1	False
291	70.74	-149.08	1	bowhead whale	2	1	feed	-1	False
298	70.67	-148.95	1	bowhead whale	2	0	swim	359	True
300	70.67	-148.99	1	bowhead whale	1	0	swim	-1	False
307	70.67	-148.93	1	bowhead whale	1	0	rest	-1	False
310	70.67	-148.85	1	bowhead whale	1	0	swim	-1	False
371	70.67	-148.46	1	bowhead whale	2	1	swim	270	False
472	70.73	-147.95	1	bowhead whale	1	0	swim	90	True
484	70.6	-147.95	1	bowhead whale	1	0	swim	271	True
596	71.25	-147.46	2	beluga	11	1	swim	300	True
597	71.25	-147.46	2	beluga	9	0	swim	270	True
676	70.34	-146.95	1	bowhead whale	2	1	mill	-1	False

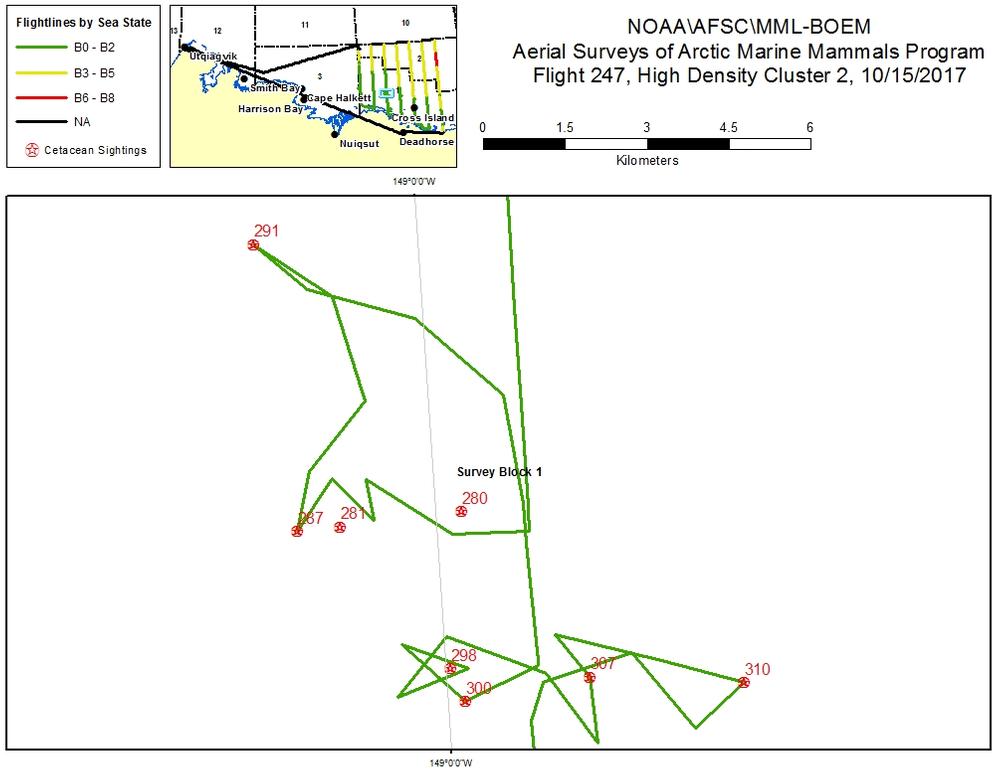


NOAAAFSC\MML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 247, 10/15/2017 11:57:28 AM



NOAAAFSC\MML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 247, High Density Cluster 1, 10/15/2017





Polar bears doing polar bear things, like resting and slow dancing, on Cross Island, Alaska (Event 500), during ASAMM-Chukchi Flight 247, 15 October 2017.