

ASAMM-Chukchi – Flight 237 – 11 September 2016

Area flown: Transects 3, 5, 7, 10, 12, and 14 complete.

Total hours flown: 8.9 (2 flights)

Total transect hours: 5.8

Number of bowhead whales seen: 10 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1-5. Visibility was 0 km to unlimited, with precipitation, low ceilings, and glare. Sea ice ranged from 0 to 75 percent broken floe ice in the area surveyed.

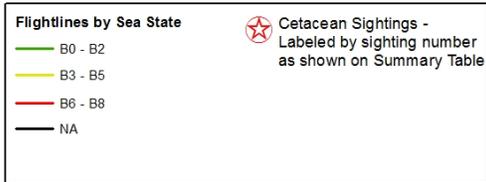
Sightings: Bowhead whales (including 2 carcasses), gray whales, 1 unidentified cetacean, walrus, 1 ribbon seal, unidentified pinnipeds, small unidentified pinnipeds, and polar bears. The bowhead whale carcasses were floating approximately 190 km northwest of Icy Cape, Alaska, separated by about 90 km. Three polar bears were sighted resting on ice in areas of broken floe sea ice ranging from 5 to 70 percent; 1 was at a kill sight. A fourth polar bear was sighted swimming in open water approximately 190 km north of Icy Cape, Alaska.

Preliminary Summary, Flight 237 Date: Sunday, September 11, 2016

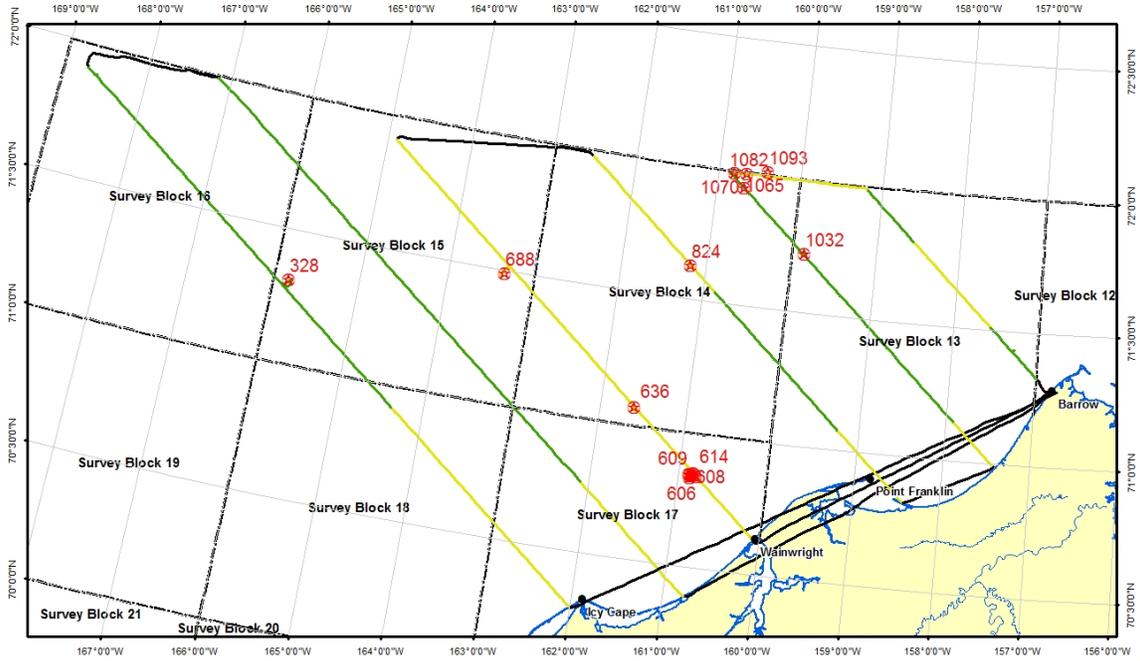
Total bowhead whales: 10	Start time: 9/11/2016 9:35:04 AM	End time: 9/11/2016 7:26:41 PM
Bowhead whale sightings: 8	Transect minutes: 350	Transect km: 1275.3
Bowhead whales on transect: 6	Circling minutes: 28	Circling km: 70.5
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 378	Trans+Circ km: 1345.8
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 18	Search km: 60.5
Bowhead whale repeats: 0	Total minutes: 535	Total km: 2145.5
Possible repeats: 0	Deadhead minutes: 140	Deadhead km: 739.2
Total gray whales: 10	Search blocks: 12,13,14,15,16,17	
Total belugas: 0	Transect blocks: 13,14,15,16,17,18	
Other whale sightings: 1		
walrus: yes		
Total polar bears: 4		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
328	71.29	-165.86	15	bowhead whale	1	0	dead	-1	True
598	70.84	-160.79	17	gray whale	2	0	feed	-1	True
604	70.85	-160.8	17	gray whale	2	0	feed	-1	False
605	70.84	-160.84	17	gray whale	1	0	feed	-1	False
606	70.84	-160.86	17	gray whale	2	0	feed	-1	False
608	70.84	-160.86	17	gray whale	1	0	feed	-1	False
609	70.85	-160.88	17	gray whale	1	0	feed	-1	False
614	70.85	-160.82	17	gray whale	1	0	swim	133	True
636	71.07	-161.59	14	unid cetacean	1	0	swim	311	True
688	71.51	-163.27	15	bowhead whale	1	0	dead	-1	True
824	71.62	-161.17	14	bowhead whale	1	0	swim	-1	True
1032	71.72	-159.85	13	bowhead whale	1	0	swim	222	True
1065	71.94	-160.66	14	bowhead whale	1	0	swim	40	True
1070	71.98	-160.82	14	bowhead whale	1	0	swim	311	True
1082	71.99	-160.65	14	bowhead whale	3	0	mill	-1	False
1093	71.99	-160.4	14	bowhead whale	1	0	swim	360	False



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Aerial Surveys of Arctic Marine Mammals Program
Flight 237, 9/11/2016 9:31:28 AM



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Aerial Surveys of Arctic Marine Mammals Program
Flight 237, High Density Cluster 1, 9/11/2016

