

ASAMM-Beaufort – Flight 6 – 26 July 2013

Area flown: Blocks 3 and 11, deadhead effort to find weather conducive to surveying; blocks 4 and 6, 3 complete and 2 partial transects.

Total hours flown: 5.3

Total transect hours: 2.5

Number of bowheads seen: 5 (1 calf)

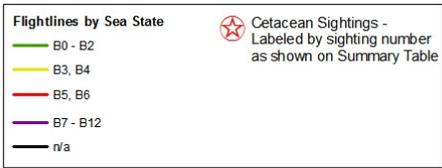
Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 0 in areas with sea ice to Beaufort 6 in open water. Sea ice ranged from 0-95% broken floe in the area surveyed. Visibility in blocks 3 and 11 ranged from <1 to 10 km, with fog and low ceilings. Visibility in blocks 4 and 6 ranged from <1 to 10 km, with fog, glare, low ceilings and haze.

Sightings: Bowhead whales, belugas (including 2 calves), and small unidentified pinnipeds.

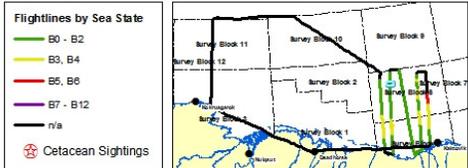
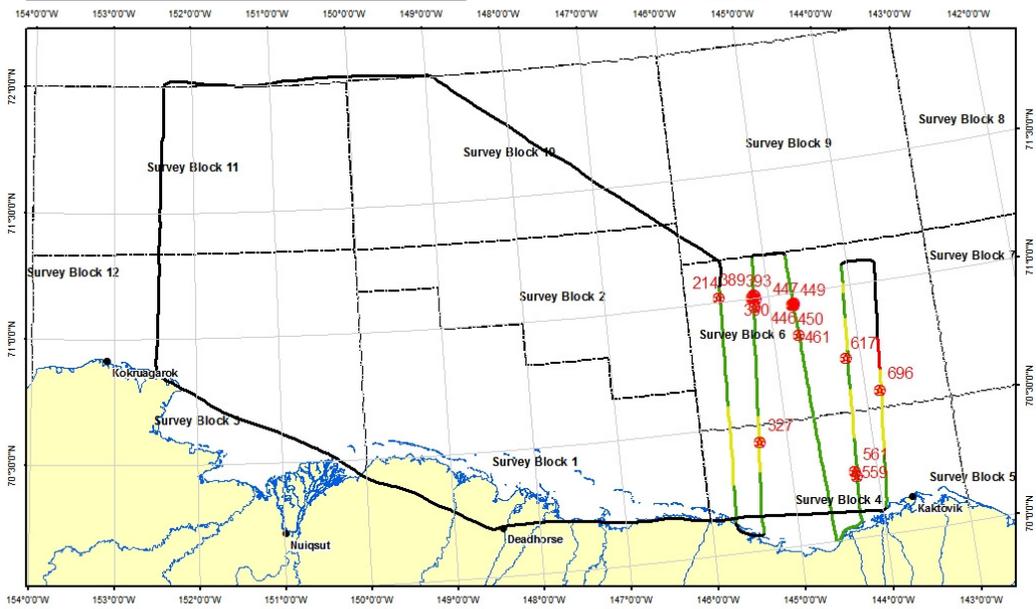
Preliminary Summary, Flight 6 Date: 7/26/2013

Total bowhead whales: 5	Start time: 7/26/2013 9:21:08 AM	End time: 7/26/2013 2:37:03 PM
Bowhead whale sightings: 4	Transect minutes: 147	Transect km:540.5
Bowhead whales on transect: 4	Circling minutes: 16	Circling km: 41.8
Bowhead whale cow-calf pairs: 1	Trans+Circ minutes: 163	Trans+Circ km: 582.3
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 4	Search km: 17.9
Bowhead whale repeats: 0	Total minutes: 316	Total km: 1430.8
Possible repeats: 0	Deadhead minutes: 149	Deadhead km: 830.6
Total gray whales: 0	Search blocks: 4, 6	
Total belugas: 22	Transect blocks: 6, 4, 0	
Other whale sightings: 0		
Total walrus: 0		
Total polar bears: 0		

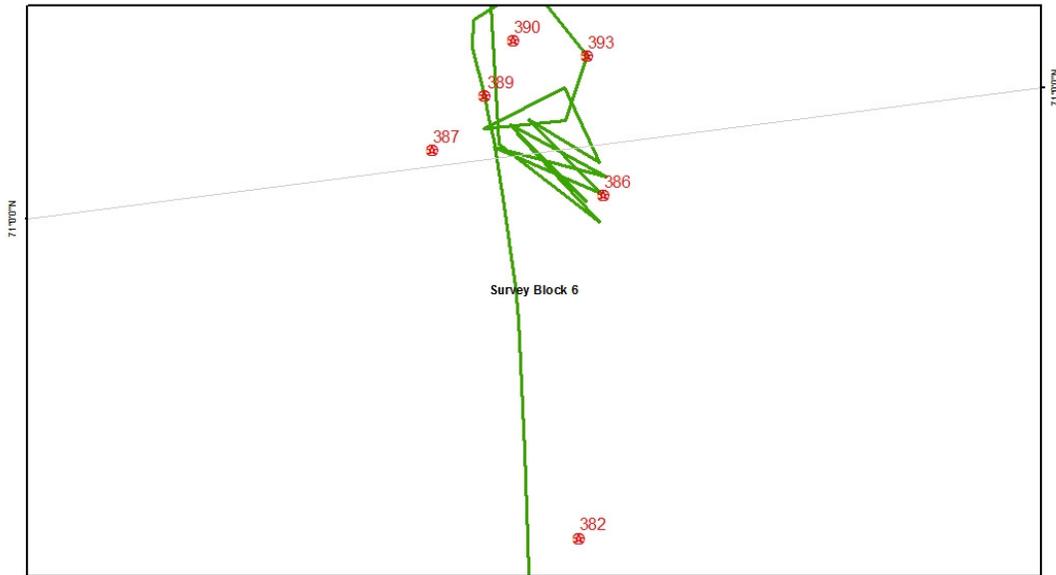
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
214	71.02	-145.58	6	beluga	1	0	swim	273	True
327	70.43	-145.33	4	bowhead whale	2	1	swim	188	True
382	70.96	-145.19	6	beluga	1	0	rest	-1	True
386	71	-145.18	6	beluga	3	1	swim	300	True
387	71	-145.18	6	beluga	1	0	swim	-1	True
389	71.01	-145.18	6	bowhead whale	1	0	swim	-1	False
390	71.01	-145.18	6	beluga	1	0	swim	266	True
393	71.01	-145.15	6	beluga	6	1	swim	-1	False
446	70.96	-144.71	6	beluga	1	0	swim	271	True
447	70.96	-144.71	6	beluga	1	0	swim	271	True
449	70.95	-144.71	6	beluga	2	0	swim	272	True
450	70.95	-144.71	6	beluga	2	0	swim	272	True
461	70.83	-144.69	6	beluga	1	0	swim	-1	True
559	70.24	-144.24	4	beluga	1	0	rest	-1	True
561	70.26	-144.23	4	bowhead whale	1	0	swim	-1	True
617	70.71	-144.15	6	beluga	1	0	swim	-1	True
696	70.57	-143.81	6	bowhead whale	1	0	feed	129	True

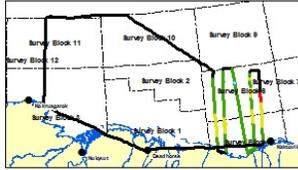
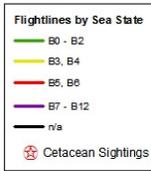


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Aerial Surveys of Arctic Marine Mammals Program
Flight 6, 7/26/2013

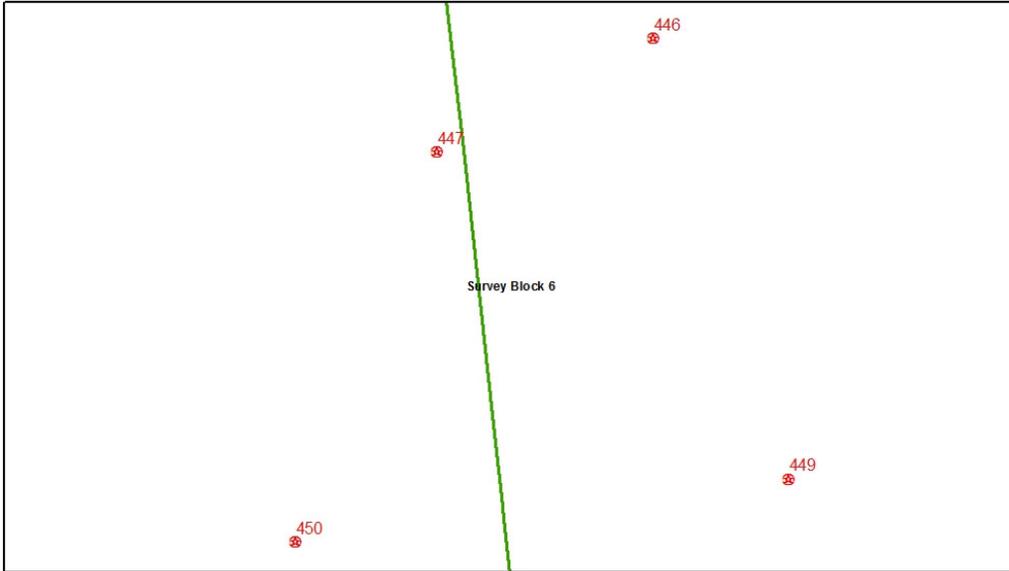


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Aerial Surveys of Arctic Marine Mammals Program
Flight 6, High Density Cluster 1, 7/26/2013





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 Aerial Surveys of Arctic Marine Mammals Program
 Flight 6, High Density Cluster 2, 7/26/2013



Conditions at survey altitude during attempt to survey blocks 3 and 11 on ASAMM-Beaufort Flight 6 in the western Beaufort Sea, 26 July 2013. Photo by Vicki Beaver.