

ASAMM-Beaufort – Flight 8 – 30 July 2013

Area flown: Blocks 1 and 2, 4 complete transects

Total hours flown: 3.2

Total transect hours: 2.1

Number of bowheads seen: 3 (1 calf)

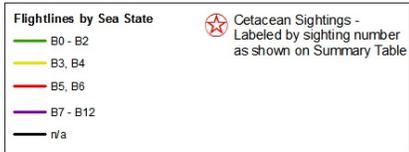
Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1-3. Visibility ranged from 1 to 10 km, with glare, haze, fog, low ceilings, and precipitation. Sea ice cover ranged from 7-85% broken floe with patches of grease ice in the area surveyed.

Sightings: Bowhead whales, belugas (including 9 calves), bearded seals, and small unidentified pinnipeds.

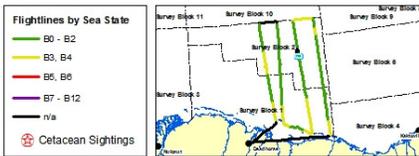
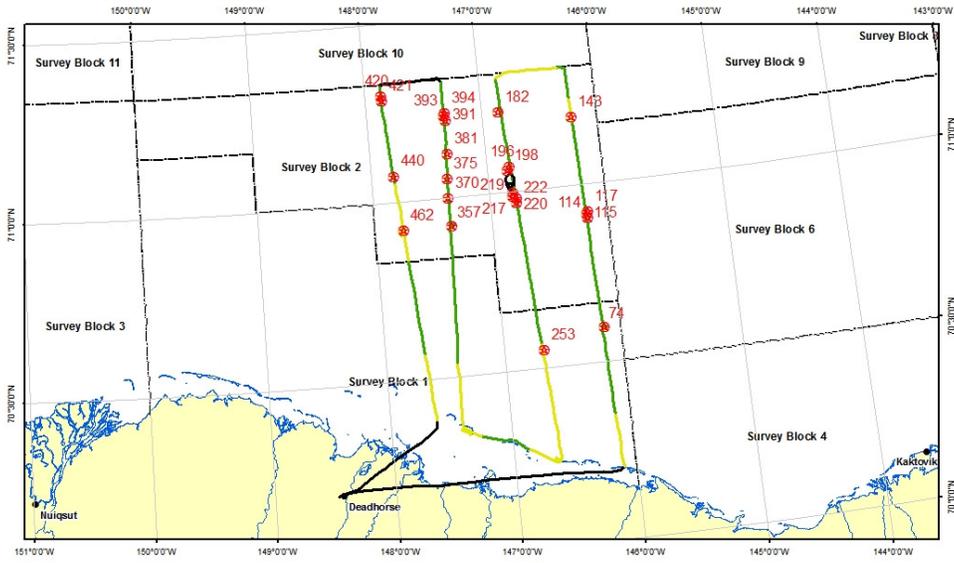
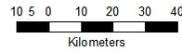
Preliminary Summary, Flight 8 Date: 7/30/2013

Total bowhead whales: 3	Start time: 7/30/2013 2:01:30 PM	End time: 7/30/2013 5:12:06 PM
Bowhead whale sightings: 2	Transect minutes: 124	Transect km:456.9
Bowhead whales on transect: 3	Circling minutes: 15	Circling km: 25.8
Bowhead whale cow-calf pairs: 1	Trans+Circ minutes: 139	Trans+Circ km: 482.7
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 18	Search km: 67
Bowhead whale repeats: 0	Total minutes: 191	Total km: 715.4
Possible repeats: 0	Deadhead minutes: 34	Deadhead km: 165.7
Total gray whales: 0	Search blocks: 2, 10, 1, 0	
Total belugas: 43	Transect blocks: 1, 2	
Other whale sightings: 0		
Total walrus: 0		
Total polar bears: 0		

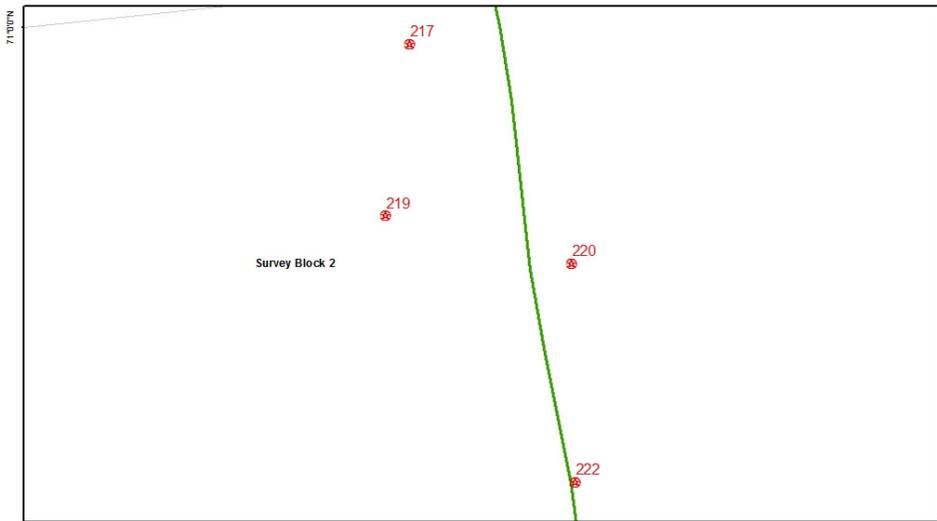
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
74	70.6	-146.16	1	bowhead whale	2	1	swim	120	True
114	70.91	-146.19	2	beluga	1	0	swim	267	True
115	70.92	-146.19	2	beluga	3	1	swim	270	True
117	70.92	-146.19	2	beluga	3	0	swim	270	True
143	71.19	-146.22	2	beluga	1	0	swim	-1	False
182	71.22	-146.83	2	beluga	1	0	swim	208	True
196	71.07	-146.79	2	beluga	1	0	rest	-1	True
198	71.06	-146.79	2	beluga	6	2	swim	239	True
217	71	-146.78	2	beluga	2	1	swim	-1	True
219	70.99	-146.77	2	beluga	1	0	swim	-1	True
220	70.98	-146.77	2	beluga	1	0	rest	-1	True
222	70.97	-146.77	2	beluga	2	1	rest	-1	True
253	70.55	-146.68	1	beluga	1	0	rest	-1	True
357	70.92	-147.36	2	bowhead whale	1	0	breach	-1	True
370	71	-147.35	2	beluga	2	1	swim	302	True
375	71.05	-147.34	2	beluga	2	0	swim	184	True
381	71.12	-147.34	2	beluga	1	0	swim	275	True
391	71.22	-147.33	2	beluga	2	1	swim	300	True
393	71.23	-147.33	2	beluga	2	0	swim	-1	False
394	71.24	-147.32	2	beluga	1	0	swim	64	True
420	71.3	-147.86	2	beluga	3	1	swim	239	True
421	71.29	-147.86	2	beluga	2	1	swim	238	True
440	71.07	-147.8	2	beluga	4	0	swim	-1	False
462	70.92	-147.76	2	beluga	1	0	swim	-1	False



NOAAVAFSC/NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 8, 7/30/2013



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Aerial Surveys of Arctic Marine Mammals Program
Flight 8, High Density Cluster 1, 7/30/2013





The survey team leading off the 2013 ASAMM surveys in the western Beaufort Sea (left to right): Megan Ferguson, Dan Twyman, Jake Turner (couldn't wait to take off his flight suit!), John Siegel, and Vicki Beaver. Photo by Vicki Beaver.