ASAMM-Beaufort – Flight 21 – 8 September 2014

Area flown: Block 1, five complete and 2 partial transects; block 2, four partial transects; block 3, five partial transects
Total hours flown: 6.7 (2 flights)
Total transect hours: 3.4
Number of bowheads seen: 6 (0 calves)
Weather and visibility: Skies were clear to partly cloudy. Sea state ranged from Beaufort 1-3. Visibility varied from <1 km to unlimited, with glare, haze, fog, and low ceilings. Fog prevented completion of transects offshore. There was no sea ice in the area surveyed.
Sightings: Bowhead whales, one gray whale, belugas (including one calf), one unidentified cetacean, one bearded seal, small unidentified pinnipeds, unidentified pinnipeds, and polar bears

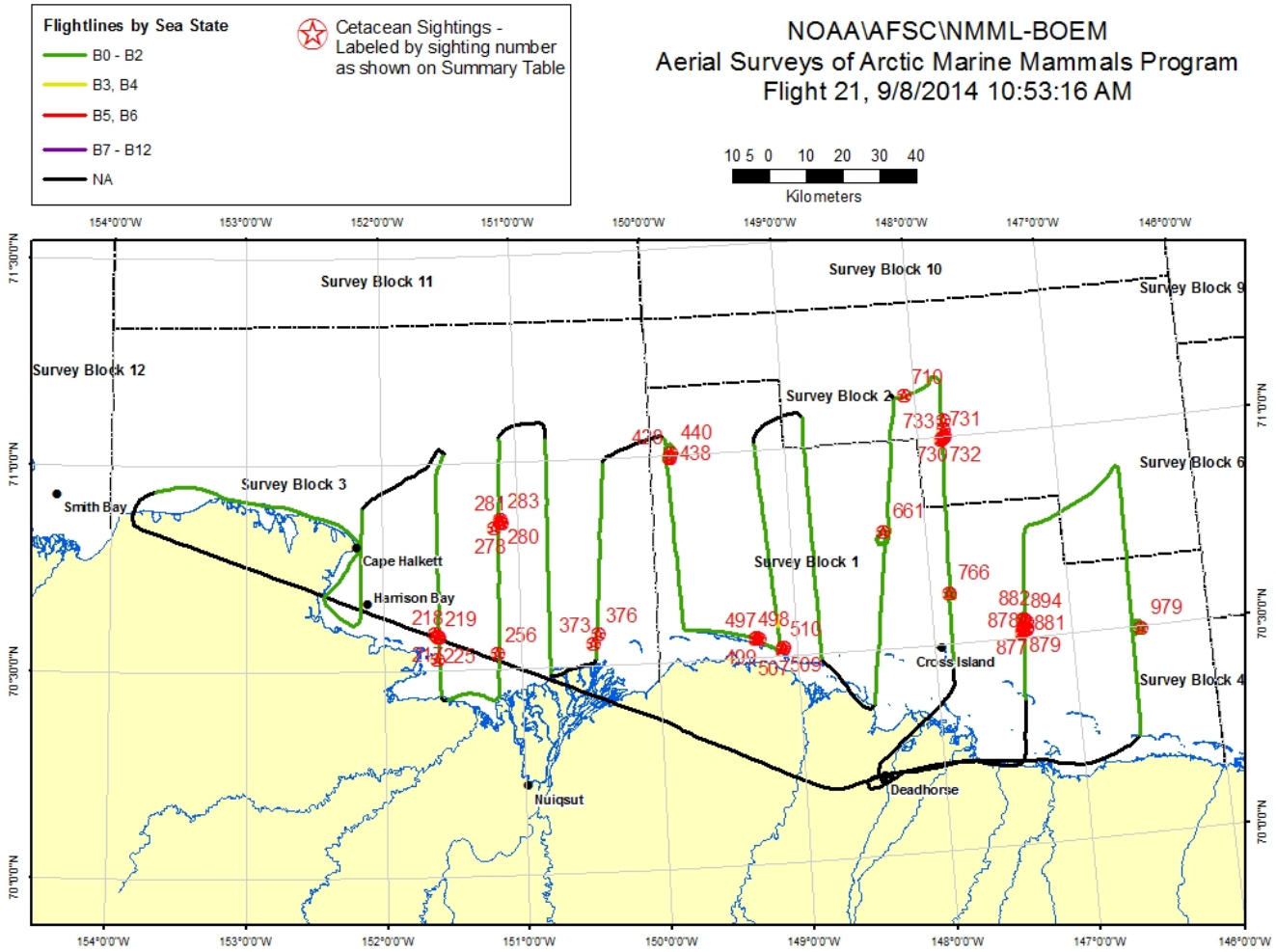
Preliminary Summary, Flight 21 Date: 9/8/2014

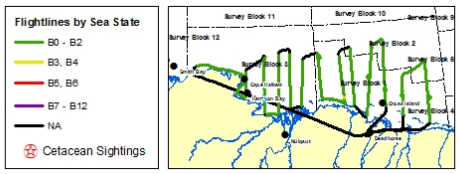
Total bowhead whales: 6	Start time: 9/8/2014 11:06:03 AM	End time: 9/8/2014 7:36:50 PM
Bowhead whale sightings: 5	Transect minutes: 202	Transect km:729
Bowhead whales on transect: 4	Circling minutes: 40	Circling km: 127.3
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 242	Trans+Circ km: 856.3
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 50	Search km: 185.1
Bowhead whale repeats: 0	Total minutes: 399	Total km: 1575.1
Possible repeats: 0	Deadhead minutes: 107	Deadhead km: 533.7
Total gray whales: 1	Search blocks: 3, 1, 2	
Total belugas: 65	Transect blocks: 3, 1, 2	
Other whale sightings: 1		
Total walrus: 0		
Total polar bears: 2		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
216	70.59	-151.59	3	beluga	1	0	mill	-1	True
217	70.58	-151.59	3	beluga	1	0	mill	-1	True
218	70.58	-151.59	3	beluga	1	0	mill	-1	True
219	70.58	-151.59	3	beluga	1	0	mill	-1	True
225	70.53	-151.59	3	beluga	7	0	swim	360	True
256	70.54	-151.16	3	beluga	1	0	swim	122	True
278	70.84	-151.14	3	beluga	1	0	dive	-1	True
280	70.85	-151.14	3	beluga	1	0	swim	274	True
281	70.86	-151.14	3	beluga	1	0	swim	273	True
283	70.86	-151.14	3	beluga	2	0	swim	271	True
373	70.55	-150.45	3	beluga	1	0	swim	186	True
376	70.58	-150.45	3	beluga	3	0	swim	277	True
428	70.99	-149.87	1	bowhead whale	1	0	log play	-1	True
438	71	-149.84	1	bowhead whale	1	0	swim	-1	False
440	71.01	-149.83	1	bowhead whale	1	0	swim	-1	False
497	70.54	-149.29	1	beluga	1	0	swim	-1	False
498	70.54	-149.29	1	beluga	1	0	swim	-1	False
499	70.54	-149.27	1	beluga	1	0	swim	120	False
507	70.51	-149.1	1	beluga	2	0	swim	-1	False
509	70.52	-149.11	1	beluga	1	0	swim	252	True
510	70.52	-149.11	1	beluga	1	0	swim	252	True
661	70.78	-148.29	1	bowhead whale	2	0	swim	280	True
710	71.1	-148.07	2	beluga	2	1	swim	39	False
725	71.04	-147.81	2	beluga	1	0	swim	358	True
728	71.02	-147.82	2	beluga	2	0	mill	-1	True
730	71	-147.82	2	beluga	2	0	swim	243	True
731	71	-147.82	2	beluga	3	0	swim	244	True
732	71	-147.82	2	beluga	12	0	swim	-1	True
733	70.99	-147.82	2	beluga	8	0	swim	247	True
766	70.62	-147.86	1	gray whale	1	0	swim	279	True

875	70.51	-147.34	1	beluga	1	0	swim	-1	True
876	70.52	-147.34	1	beluga	1	0	swim	-1	True
877	70.52	-147.34	1	beluga	1	0	swim	335	True
878	70.52	-147.34	1	beluga	1	0	swim	334	True
879	70.52	-147.34	1	beluga	1	0	swim	274	True
881	70.54	-147.33	1	beluga	1	0	swim	-1	True
882	70.54	-147.33	1	bowhead whale	1	0	feed	-1	True
894	70.54	-147.33	1	beluga	1	0	swim	-1	False
979	70.5	-146.57	1	unid cetacean	1	0	swim	-1	True





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Aerial Surveys of Arctic Marine Mammals Program
Flight 21, High Density Cluster 1, 9/8/2014 10:53:16 AM

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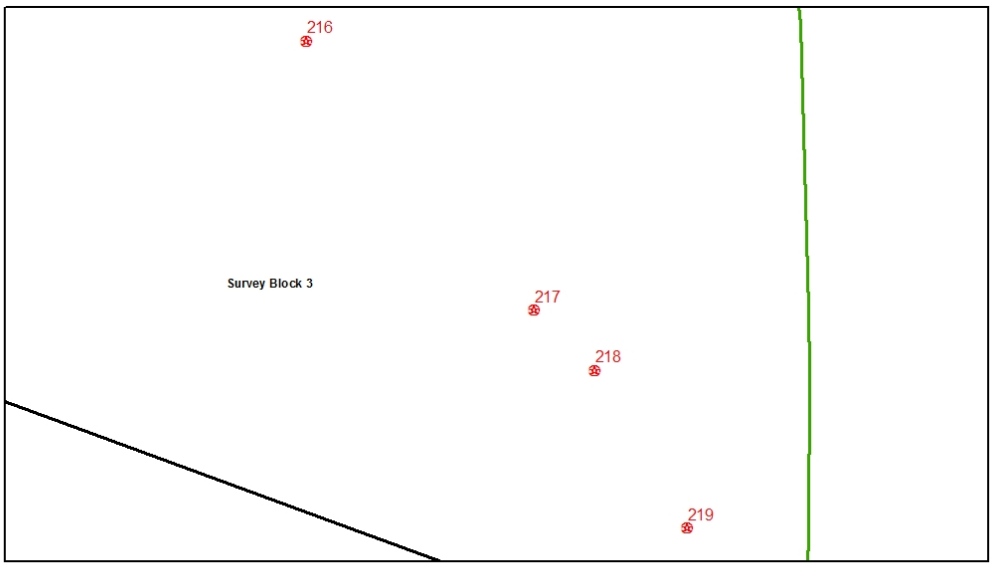
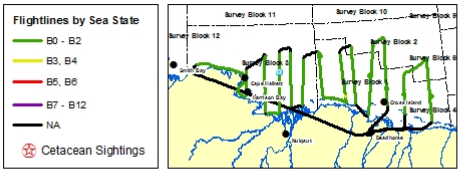
Kilometers





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Aerial Surveys of Arctic Marine Mammals Program
Flight 21, High Density Cluster 2, 9/8/2014 10:53:16 AM

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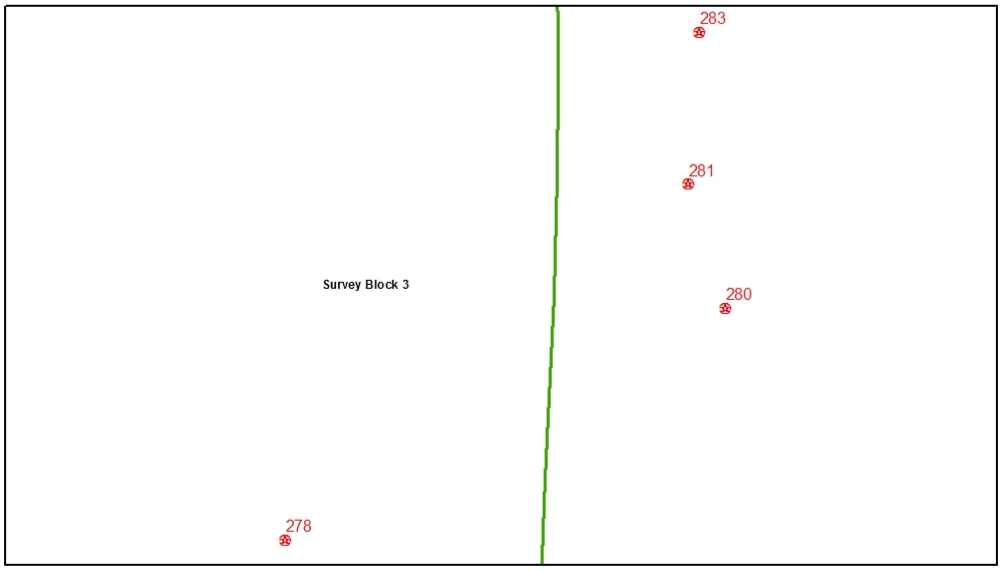

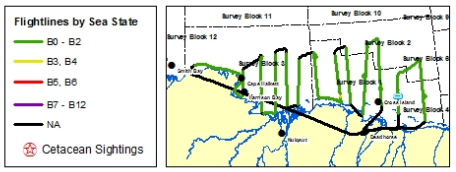

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Aerial Surveys of Arctic Marine Mammals Program
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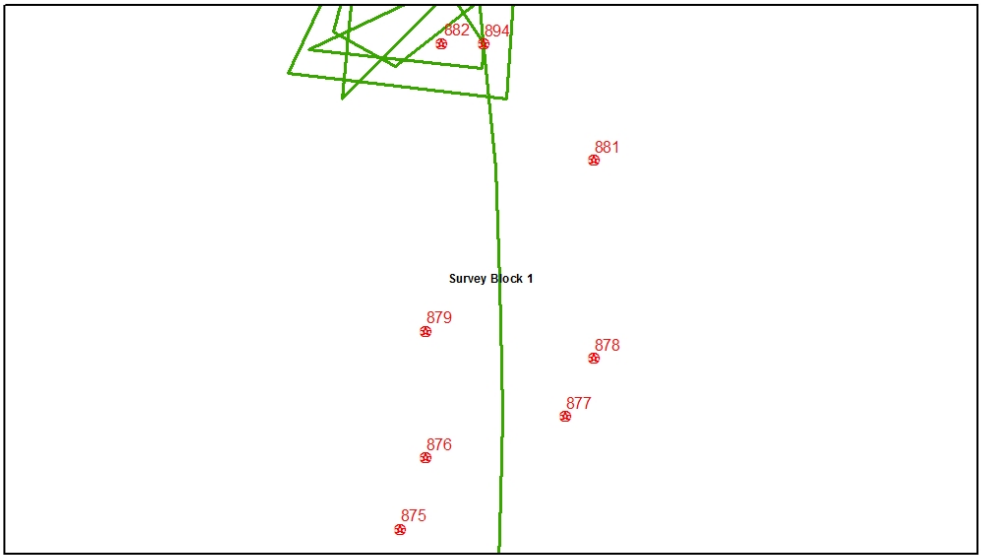

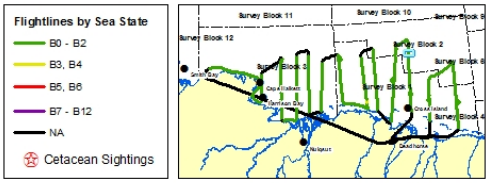

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Aerial Surveys of Arctic Marine Mammals Program
Flight 21, High Density Cluster 4, 9/8/2014 10:53:16 AM

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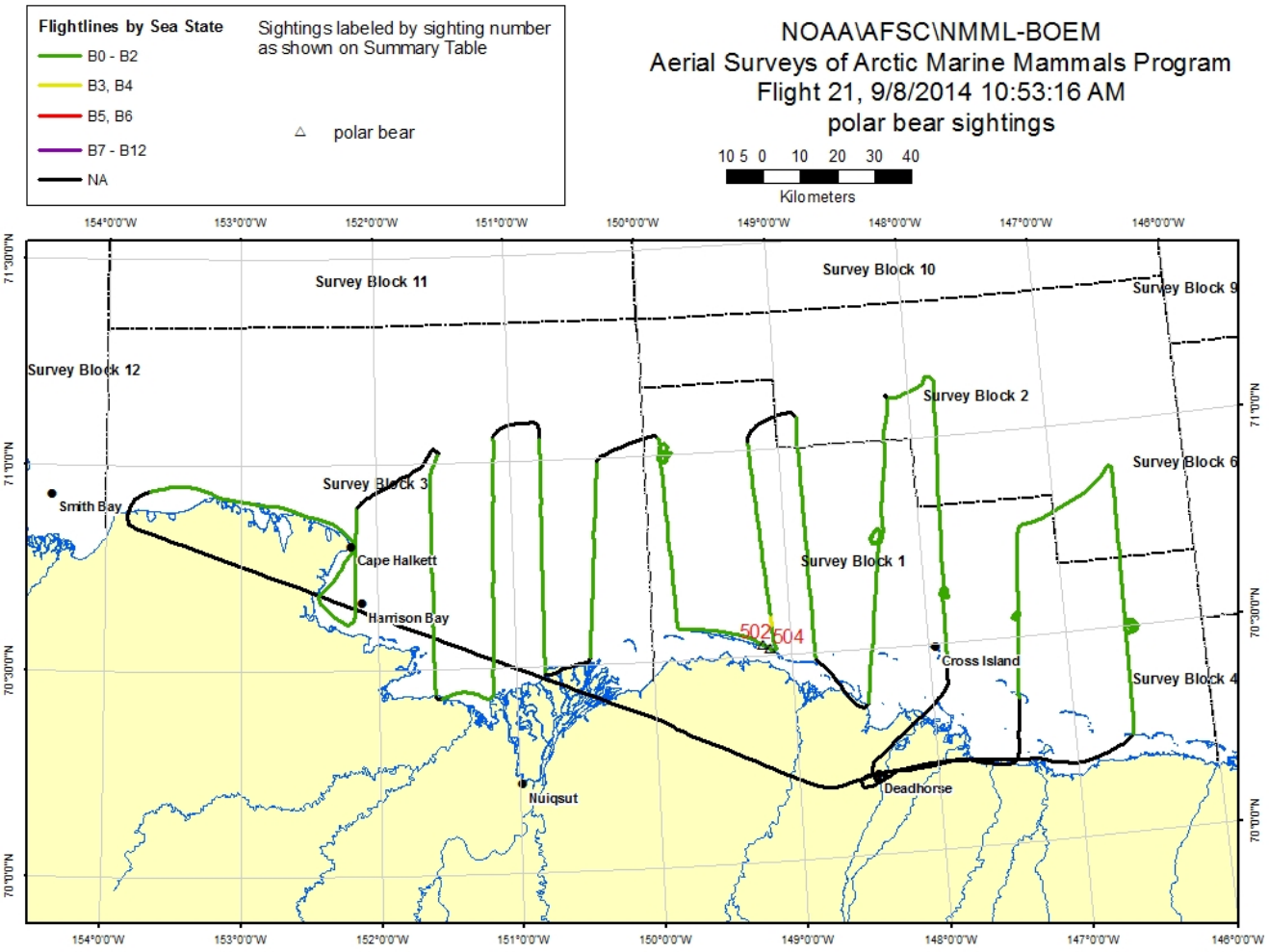
Kilometers

Gray whale sighted north of Cross Island (event 766), ASAMM – Beaufort Flight 21, 8 September 2014

Polar Bear Sightings: