ASAMM-Beaufort – Flight 14 – 22 August 2014

Area flown: Blocks 1 and10, one partial transect; block 2, one transect; block 11, three complete and one partial transects.
Total hours flown: 4.5
Total transect hours: 1.6
Number of bowheads seen: 2 (0 calves)
Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1-3. Visibility varied from 0 to 10 km, with glare, haze, low ceilings and fog. There was no sea ice in the area surveyed. Low ceilings prevented survey coverage in areas east of Deadhorse.
Sightings: Bowhead whales, belugas (including 7 calves), small unidentified pinnipeds, and unidentified pinnipeds.

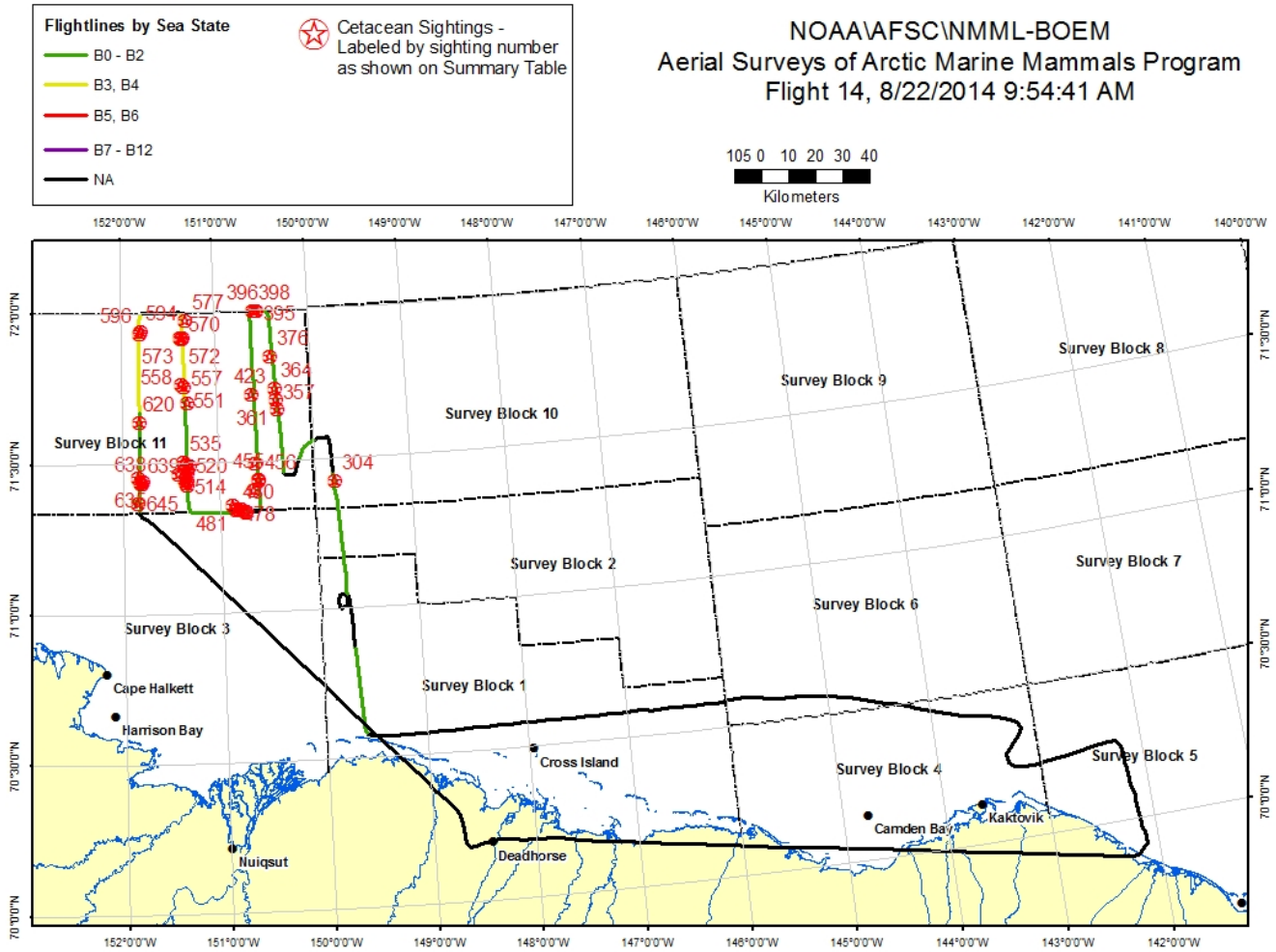
Preliminary Summary, Flight 14 Date: 8/22/2014

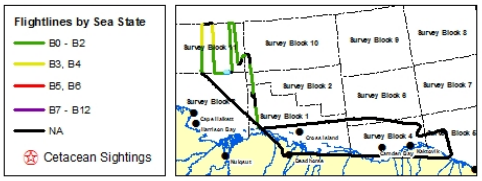
Total bowhead whales: 2	Start time: 8/22/2014 10:09:05 AM	End time: 8/22/2014 2:37:01 PM
Bowhead whale sightings: 2	Transect minutes: 93	Transect km:354.4
Bowhead whales on transect: 1	Circling minutes: 13	Circling km: 37.4
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 106	Trans+Circ km: 391.8
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 11	Search km: 41.8
Bowhead whale repeats: 0	Total minutes: 268	Total km: 1286.9
Possible repeats: 0	Deadhead minutes: 151	Deadhead km: 853.3
Total gray whales: 0	Search blocks: 1, 10, 11, 0, 3	
Total belugas: 88	Transect blocks: 1, 2, 10, 11	
Other whale sightings: 0		
Total walrus: 0		
Total polar bears: 0		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
304	71.42	-149.8	10	beluga	1	0	rest	-1	True
357	71.67	-150.35	11	beluga	1	0	rest	-1	True
361	71.7	-150.36	11	beluga	1	0	rest	-1	True
364	71.74	-150.37	11	beluga	1	0	rest	-1	True
376	71.85	-150.39	11	beluga	1	0	swim	207	True
395	72	-150.53	11	beluga	1	0	rest	-1	False
396	72	-150.54	11	beluga	3	1	rest	-1	False
398	72	-150.58	0	beluga	1	0	rest	-1	False
423	71.72	-150.61	11	beluga	1	0	swim	244	True
447	71.49	-150.59	11	beluga	1	0	rest	-1	True
455	71.44	-150.58	11	beluga	1	0	swim	297	True
456	71.43	-150.58	11	beluga	1	0	swim	-1	True
460	71.4	-150.58	11	beluga	3	0	unknown	-1	True
474	71.33	-150.73	11	beluga	12	0	rest	-1	True
475	71.33	-150.73	3	beluga	3	0	swim	180	True
477	71.33	-150.78	11	beluga	1	0	rest	-1	True
478	71.33	-150.82	11	beluga	2	0	rest	-1	True
480	71.33	-150.83	11	beluga	2	1	rest	-1	True
481	71.33	-150.86	11	beluga	2	0	rest	-1	True
503	71.43	-151.33	11	beluga	2	1	rest	-1	True
505	71.44	-151.33	11	beluga	3	0	rest	-1	True
507	71.44	-151.33	11	beluga	1	1	rest	-1	True
508	71.45	-151.33	11	beluga	7	0	rest	-1	True
510	71.46	-151.33	11	beluga	10	2	rest	-1	True
511	71.47	-151.33	11	beluga	4	0	rest	-1	True
514	71.48	-151.33	11	beluga	1	0	swim	210	True
517	71.49	-151.33	11	bowhead whale	1	0	rest	-1	False
518	71.5	-151.33	11	beluga	2	0	rest	-1	False
520	71.49	-151.3	11	beluga	2	0	rest	-1	False
535	71.5	-151.34	11	beluga	1	0	rest	-1	True

551	71.7	-151.33	11	beluga	1	0	unknown	-1	True
557	71.75	-151.34	11	beluga	1	0	rest	-1	True
558	71.76	-151.34	11	beluga	1	0	rest	-1	True
570	71.91	-151.34	11	beluga	1	0	rest	-1	True
572	71.91	-151.34	11	beluga	1	0	rest	-1	True
573	71.92	-151.34	11	beluga	1	0	rest	-1	True
577	71.97	-151.34	11	beluga	1	0	unknown	-1	True
594	71.94	-151.81	11	beluga	1	0	rest	-1	True
596	71.93	-151.81	11	beluga	1	0	rest	-1	True
620	71.64	-151.82	11	beluga	2	0	swim	181	True
634	71.45	-151.82	11	beluga	1	0	rest	-1	True
635	71.44	-151.82	11	beluga	1	0	rest	-1	True
638	71.44	-151.82	11	beluga	2	1	rest	-1	True
639	71.43	-151.82	11	beluga	1	0	rest	-1	True
645	71.37	-151.83	11	bowhead whale	1	0	rest	-1	True





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Aerial Surveys of Arctic Marine Mammals Program
Flight 14, High Density Cluster 1, 8/22/2014 9:54:41 AM

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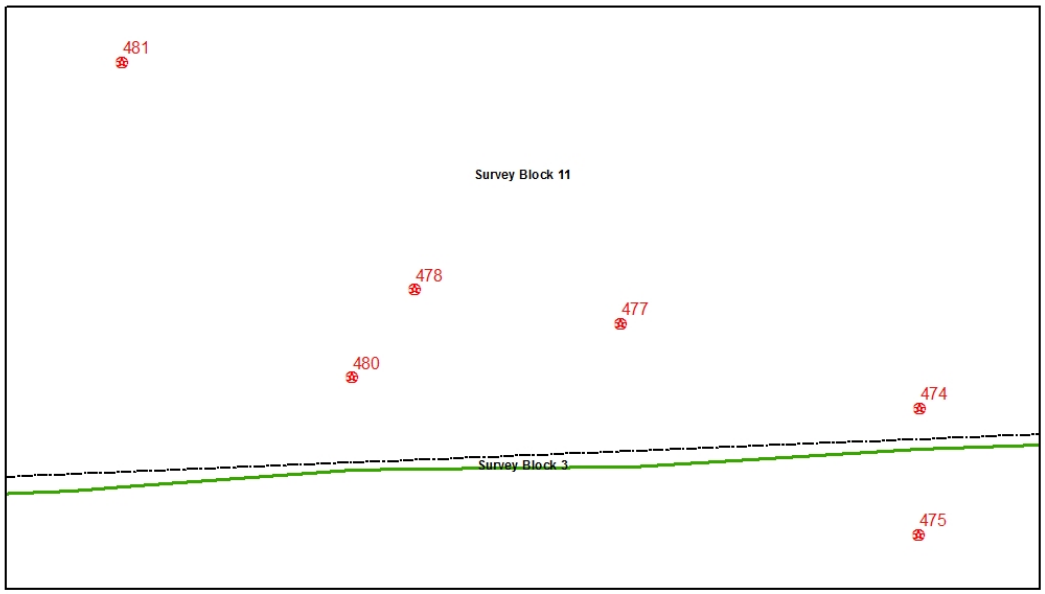
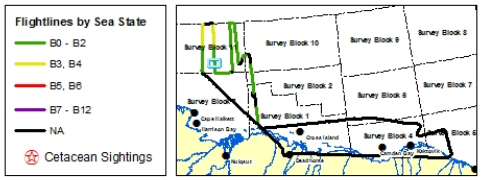
Kilometers





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Aerial Surveys of Arctic Marine Mammals Program
Flight 14, High Density Cluster 2, 8/22/2014 9:54:41 AM

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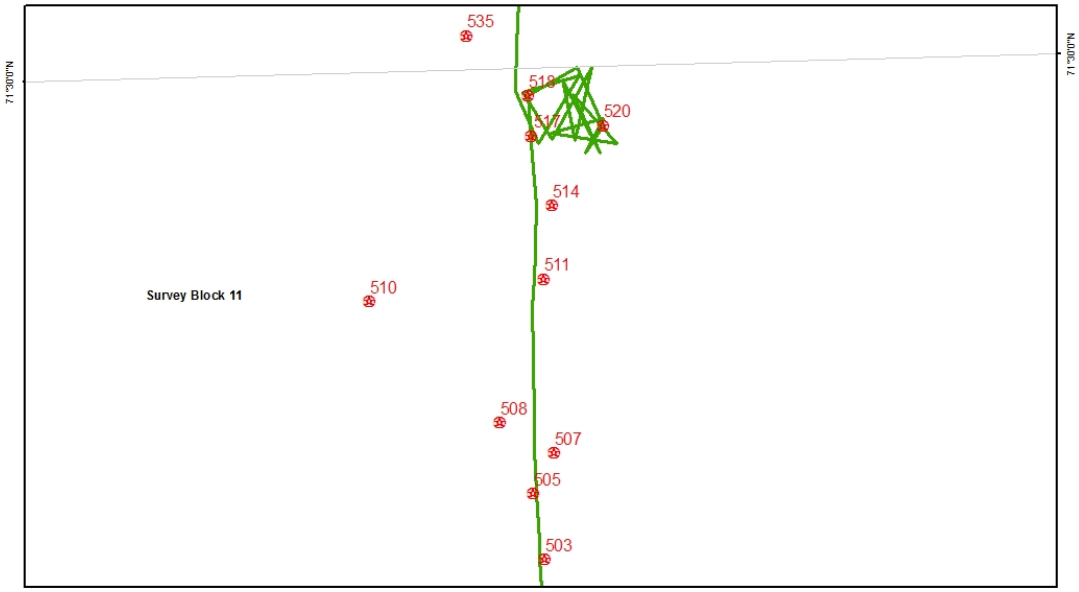
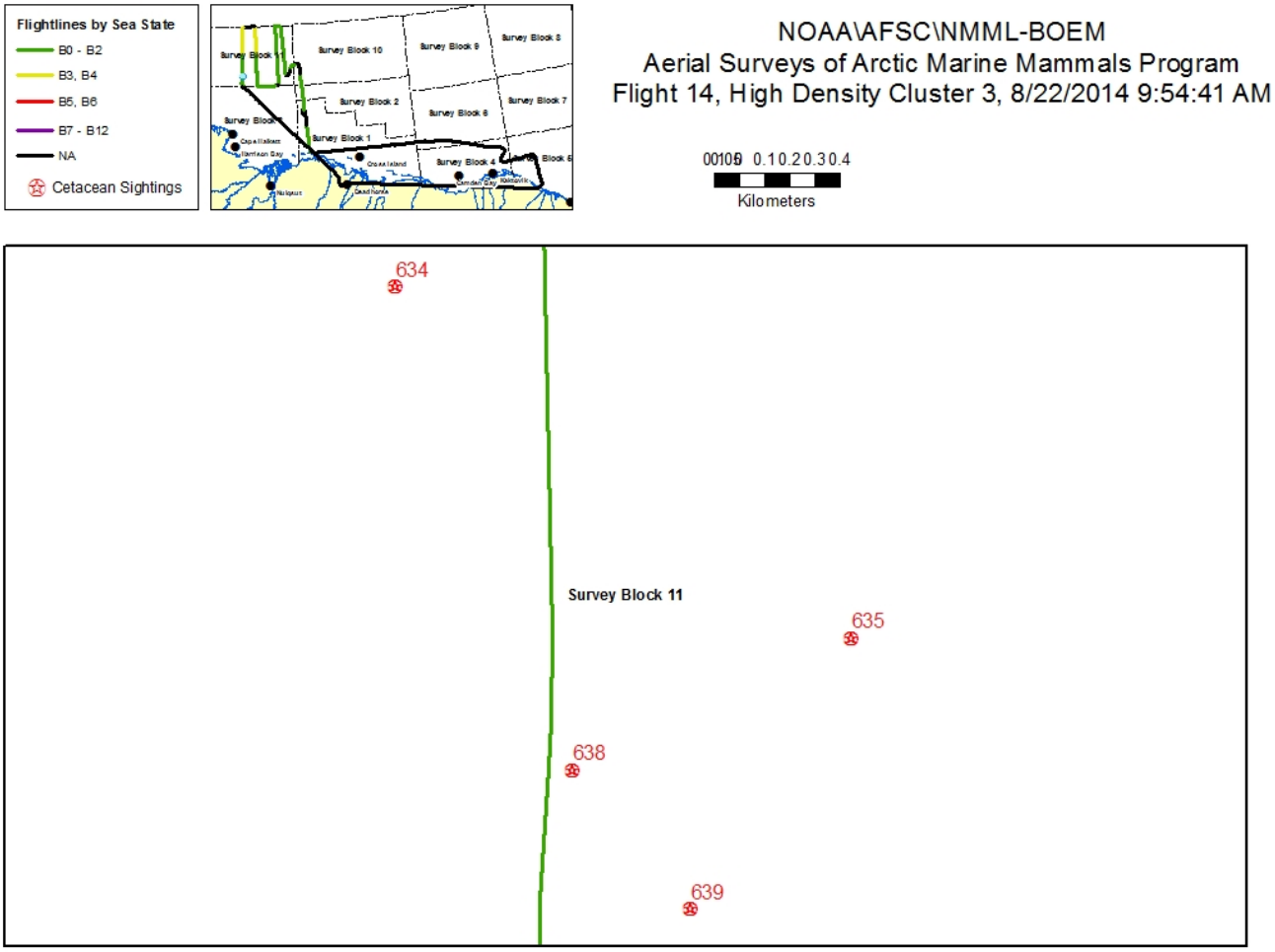
Kilometers





Walrus and Polar Bear Sightings: None