ASAMM-Beaufort – Flight 12 – 19 August 2014

Area flown: Block 2, four transects; block 10, one partial transect; block 11, three transects
Total hours flown: 4.5
Total transect hours: 1.7
Number of bowheads seen: 1 (0 calves)
Weather and visibility: Skies were overcast. Sea state ranged from Beaufort 2-3. Visibility varied from <1 to 10 km, with glare, haze, low ceilings and fog. There was no sea ice in the area surveyed.
Sightings: Bowhead whale, belugas (including 14 calves), and small unidentified pinnipeds.

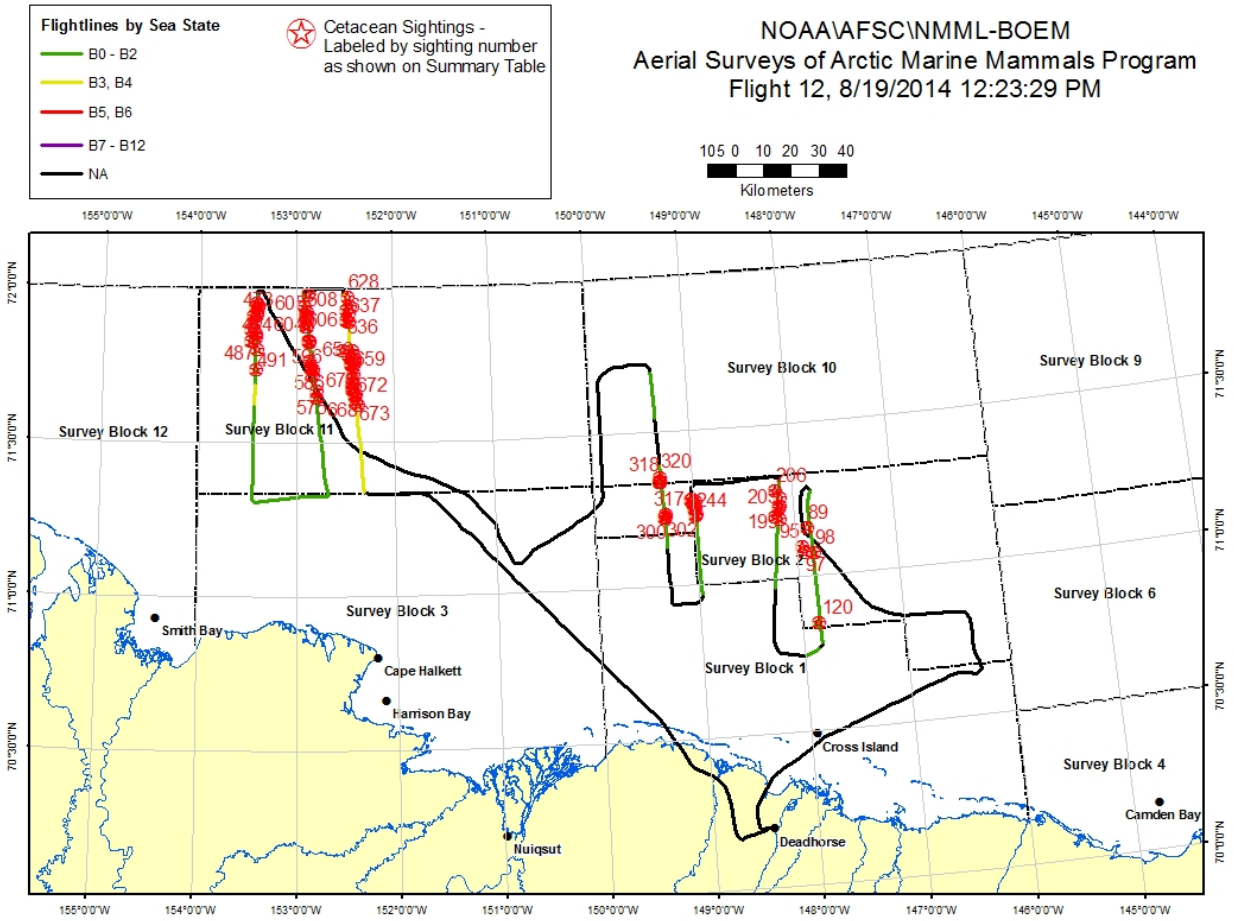
Preliminary Summary, Flight 12 Date: 8/19/2014

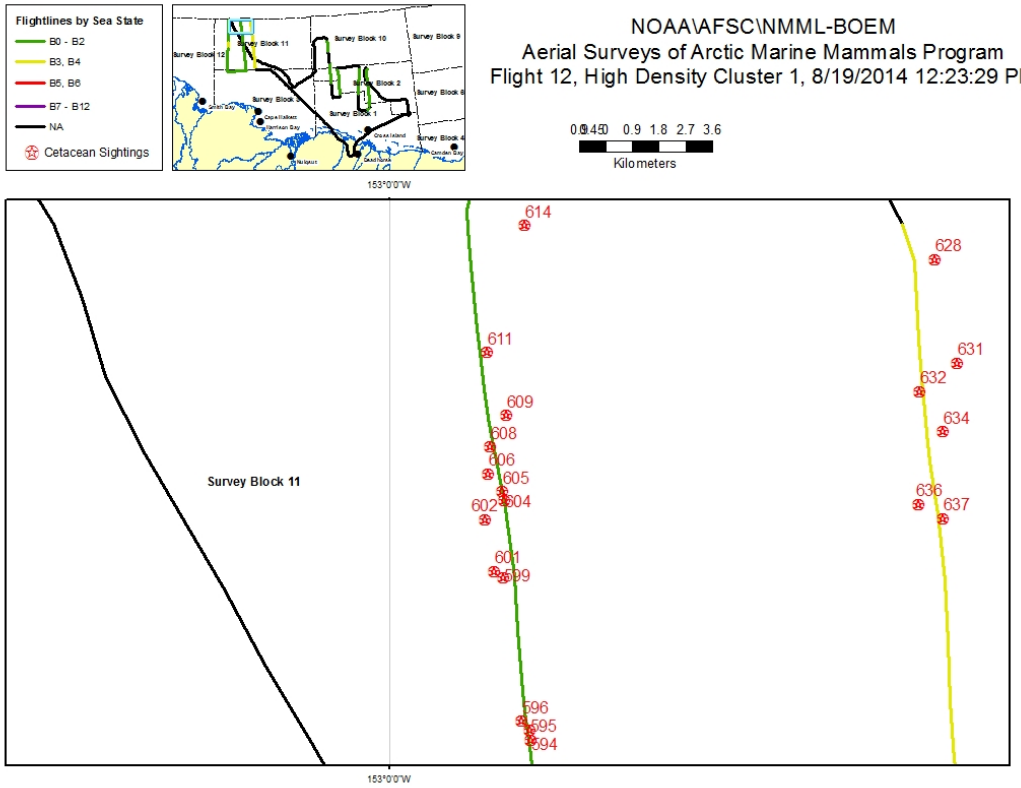
Total bowhead whales: 1	Start time: 8/19/2014 12:38:54 PM	End time: 8/19/2014 5:08:30 PM
Bowhead whale sightings: 1	Transect minutes: 99	Transect km:398
Bowhead whales on transect: 1	Circling minutes: 6	Circling km: 21
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 105	Trans+Circ km: 419
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 11	Search km: 40.4
Bowhead whale repeats: 0	Total minutes: 270	Total km: 1269.1
Possible repeats: 0	Deadhead minutes: 154	Deadhead km: 809.7
Total gray whales: 0	Search blocks: 1, 11, 2, 10, 3	
Total belugas: 208	Transect blocks: 2, 1, 11, 10, 3	
Other whale sightings: 0		
Total walrus: 0		
Total polar bears: 0		

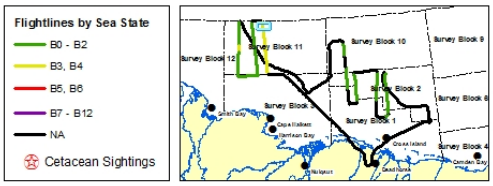
Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
89	71.16	-147.85	2	beluga	2	0	rest	-1	True
95	71.1	-147.84	2	beluga	1	0	rest	-1	True
97	71.08	-147.84	2	beluga	1	0	rest	-1	True
98	71.07	-147.84	2	beluga	1	0	rest	-1	True
120	70.85	-147.83	2	bowhead whale	1	0	rest	-1	True
194	71.19	-148.17	2	beluga	1	0	rest	-1	True
195	71.2	-148.17	2	beluga	1	0	rest	-1	True
198	71.23	-148.15	2	beluga	1	0	rest	-1	True
199	71.23	-148.15	2	beluga	1	0	rest	-1	True
203	71.26	-148.15	2	beluga	1	0	rest	-1	True
206	71.28	-148.14	2	beluga	1	0	rest	-1	True
232	71.28	-148.99	2	beluga	9	0	rest	-1	True
234	71.28	-148.99	2	beluga	1	0	rest	-1	True
235	71.27	-148.98	2	beluga	1	0	rest	-1	True
236	71.27	-148.98	2	beluga	1	0	rest	-1	True
237	71.26	-148.98	2	beluga	1	0	rest	-1	True
239	71.25	-148.98	2	beluga	1	0	rest	-1	True
240	71.24	-148.98	2	beluga	4	0	rest	-1	True
242	71.22	-148.98	2	beluga	1	0	rest	-1	True
244	71.22	-148.98	2	beluga	1	0	rest	-1	True
299	71.22	-149.29	2	beluga	1	0	mill	-1	True
300	71.22	-149.29	2	beluga	1	0	rest	-1	True
302	71.23	-149.29	2	beluga	5	0	rest	-1	True
315	71.34	-149.31	10	beluga	1	0	rest	-1	True
317	71.34	-149.31	10	beluga	1	0	rest	-1	True
318	71.34	-149.31	10	beluga	1	0	rest	-1	True
320	71.35	-149.31	10	beluga	1	0	dive	-1	True
464	71.95	-153.41	11	beluga	1	0	rest	-1	True
466	71.94	-153.41	11	beluga	1	0	rest	-1	True
467	71.94	-153.41	11	beluga	2	1	rest	-1	True
468	71.94	-153.41	11	beluga	3	1	rest	-1	True
470	71.92	-153.42	11	beluga	3	0	rest	-1	True
471	71.92	-153.42	11	beluga	1	0	rest	-1	True
473	71.91	-153.42	11	beluga	1	0	rest	-1	True
475	71.89	-153.42	11	beluga	1	0	rest	-1	True

477	71.87	-153.42	11	beluga	1	0	rest	-1	True
480	71.86	-153.43	11	beluga	2	1	swim	273	True
481	71.85	-153.43	11	beluga	4	0	rest	-1	True
483	71.84	-153.43	11	beluga	2	0	rest	-1	True
484	71.83	-153.43	11	beluga	1	0	rest	-1	True
487	71.8	-153.43	11	beluga	1	0	rest	-1	True
491	71.74	-153.42	11	beluga	1	0	dive	-1	True
572	71.65	-152.8	11	beluga	1	0	swim	23	True
575	71.67	-152.81	11	beluga	1	0	rest	-1	True
580	71.72	-152.83	11	beluga	1	0	rest	-1	False
584	71.74	-152.83	11	beluga	3	1	rest	-1	True
585	71.74	-152.84	11	beluga	1	0	rest	-1	True
586	71.75	-152.84	11	beluga	1	0	rest	-1	True
588	71.77	-152.84	11	beluga	1	0	rest	-1	True
594	71.83	-152.86	11	beluga	1	0	rest	-1	True
595	71.83	-152.87	11	beluga	2	0	rest	-1	True
596	71.83	-152.87	11	beluga	1	0	swim	-1	True
599	71.88	-152.88	11	beluga	1	0	rest	-1	True
601	71.88	-152.88	11	beluga	2	0	rest	-1	True
602	71.89	-152.89	11	beluga	1	0	rest	-1	True
604	71.9	-152.89	11	beluga	1	0	rest	-1	True
605	71.9	-152.89	11	beluga	2	0	rest	-1	True
606	71.91	-152.89	11	beluga	5	0	rest	-1	True
608	71.91	-152.9	11	beluga	4	0	rest	-1	True
609	71.92	-152.9	11	beluga	4	0	mill	-1	True
611	71.94	-152.91	11	beluga	1	0	rest	-1	True
614	71.98	-152.92	11	beluga	7	0	mill	-1	True
628	71.97	-152.48	11	beluga	1	0	rest	-1	True
631	71.94	-152.48	11	beluga	1	0	rest	-1	True
632	71.93	-152.48	11	beluga	4	0	swim	86	True
634	71.92	-152.47	11	beluga	4	0	rest	-1	True
636	71.9	-152.47	11	beluga	1	0	rest	-1	True
637	71.89	-152.46	11	beluga	1	0	rest	-1	True
644	71.8	-152.44	11	beluga	1	0	rest	-1	True
646	71.8	-152.44	11	beluga	4	0	rest	-1	True
647	71.78	-152.44	11	beluga	1	0	swim	143	True
649	71.78	-152.44	11	beluga	9	0	mill	-1	True
650	71.78	-152.43	11	beluga	2	0	rest	-1	True
651	71.77	-152.43	11	beluga	2	0	rest	-1	True
653	71.76	-152.43	11	beluga	2	0	rest	-1	True
654	71.76	-152.43	11	beluga	2	1	rest	-1	True
655	71.75	-152.43	11	beluga	1	0	rest	-1	True
656	71.75	-152.42	11	beluga	1	0	rest	-1	True
659	71.72	-152.42	11	beluga	1	0	rest	-1	True
661	71.71	-152.42	11	beluga	1	0	rest	-1	True
663	71.69	-152.42	11	beluga	2	1	rest	-1	True
664	71.68	-152.41	11	beluga	2	1	rest	-1	True
665	71.68	-152.41	11	beluga	2	1	rest	-1	True
667	71.67	-152.41	11	beluga	8	0	rest	-1	True
668	71.66	-152.41	11	beluga	6	1	rest	-1	True
670	71.65	-152.4	11	beluga	12	3	mill	-1	True
672	71.63	-152.4	11	beluga	9	2	rest	-1	True
673	71.62	-152.39	11	beluga	20	0	rest	-1	True


Flightlines by Sea State
B0 - B2
B3, B4
B5, B6
B7 - B12
NA
Cetacean Sightings - Labeled by sighting number as shown on Summary Table
NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 12, 8/19/2014 12:23:29 PM
105 0 10 20 30 40
Kilometers
Survey Block 12
Survey Block 11
Survey Block 10
Survey Block 9
Survey Block 3
Survey Block 2
Survey Block 1
Survey Block 6
Survey Block 4
Smith Bay
Cape Halkett
Harrison Bay
Cross Island
Nuiqsut
Deadhorse
Camden Bay


Flightlines by Sea State
B0 - B2
B3, B4
B5, B6
B7 - B12
NA
Cetacean Sightings
NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 12, High Density Cluster 1, 8/19/2014 12:23:29 PM
Kilometers
Survey Block 11



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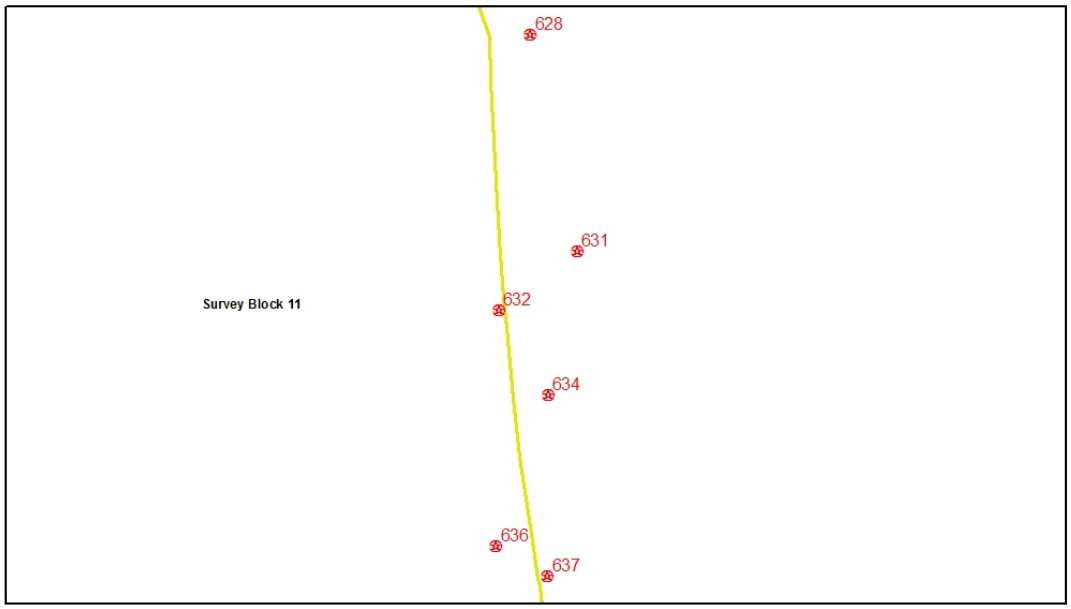
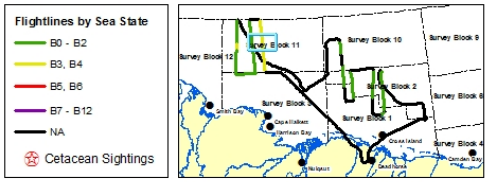
Aerial Surveys of Arctic Marine Mammals Program
Flight 12, High Density Cluster 2, 8/19/2014 12:23:29 PM

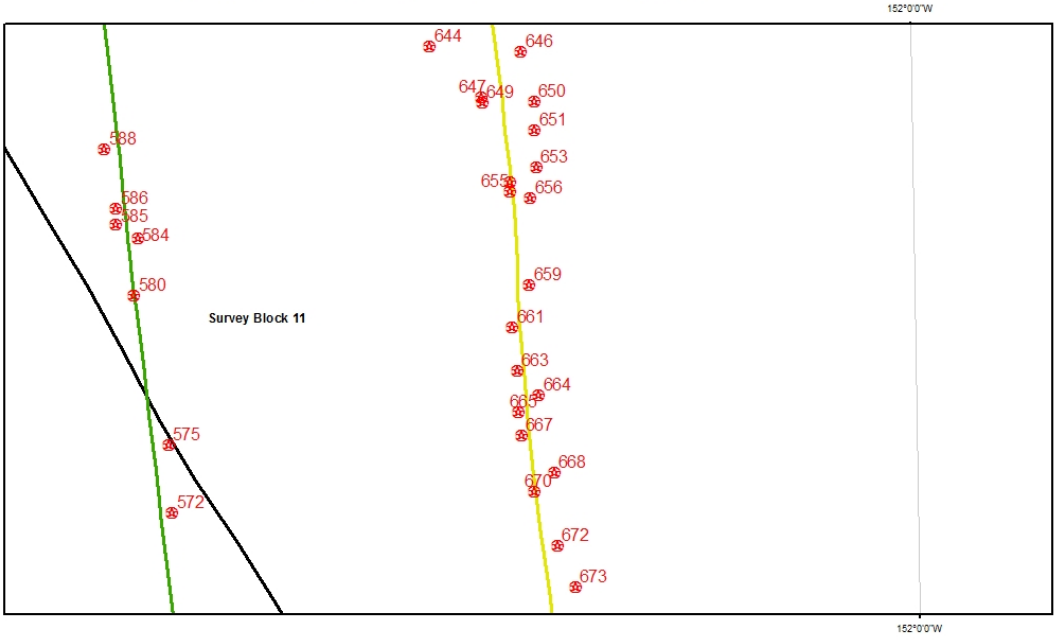
0.0 0.20 0.4 0.8 1.2 1.6
Kilometers

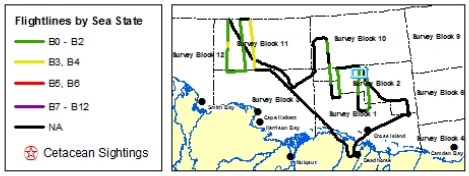




NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 12, High Density Cluster 3, 8/19/2014 12:23:29 PM

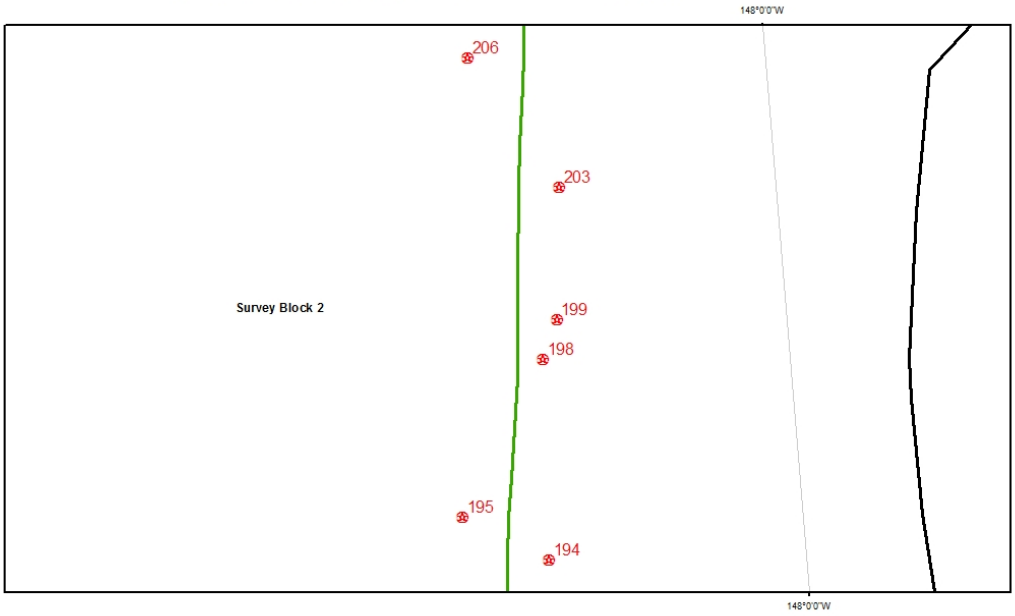
0.0 0.45 0.9 1.8 2.7 3.6
Kilometers

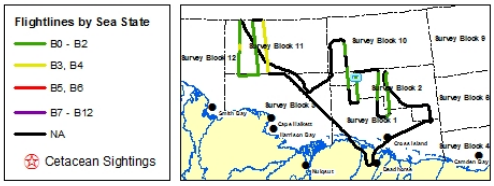




NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 12, High Density Cluster 4, 8/19/2014 12:23:29 PM

0 0.25 0.5 1 1.5 2
Kilometers





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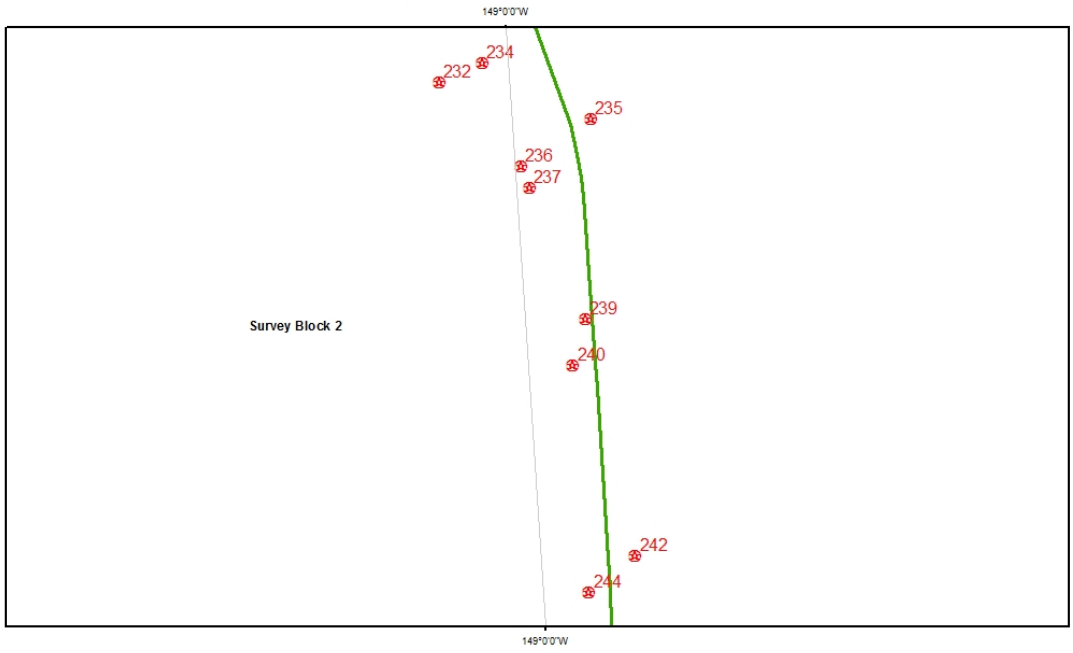
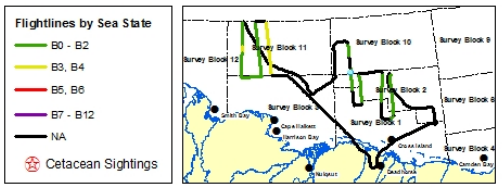
Aerial Surveys of Arctic Marine Mammals Program
Flight 12, High Density Cluster 5, 8/19/2014 12:23:29 PM

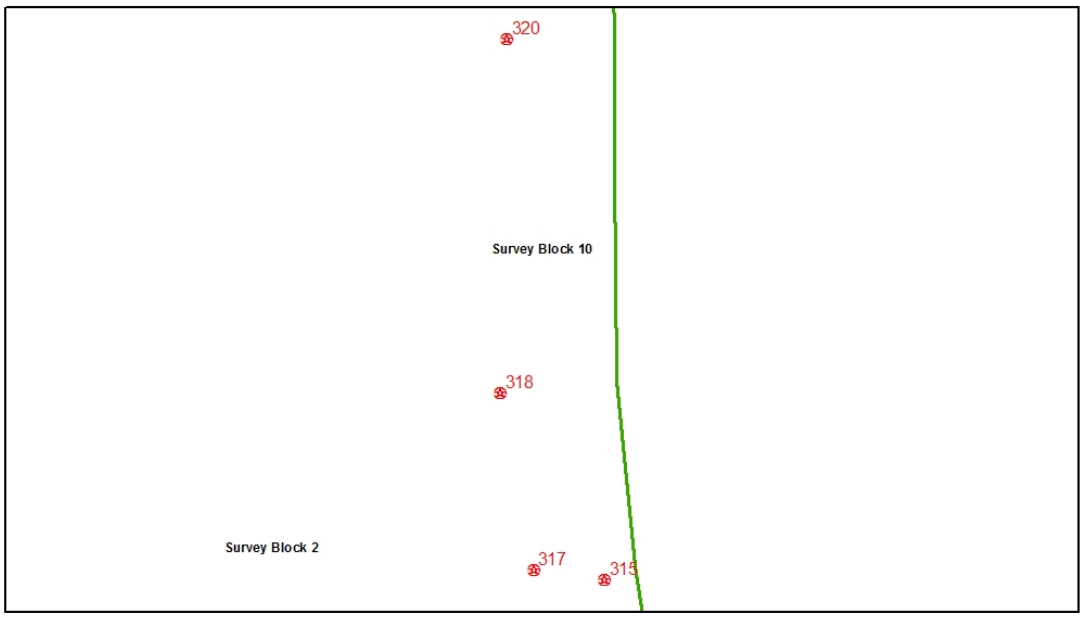
0 0.15 0.3 0.6 0.9 1.2
Kilometers

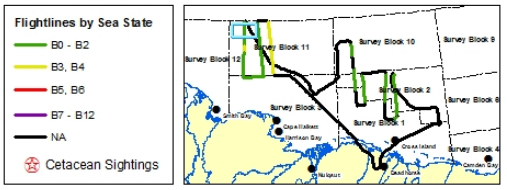




NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 12, High Density Cluster 6, 8/19/2014 12:23:29 PM

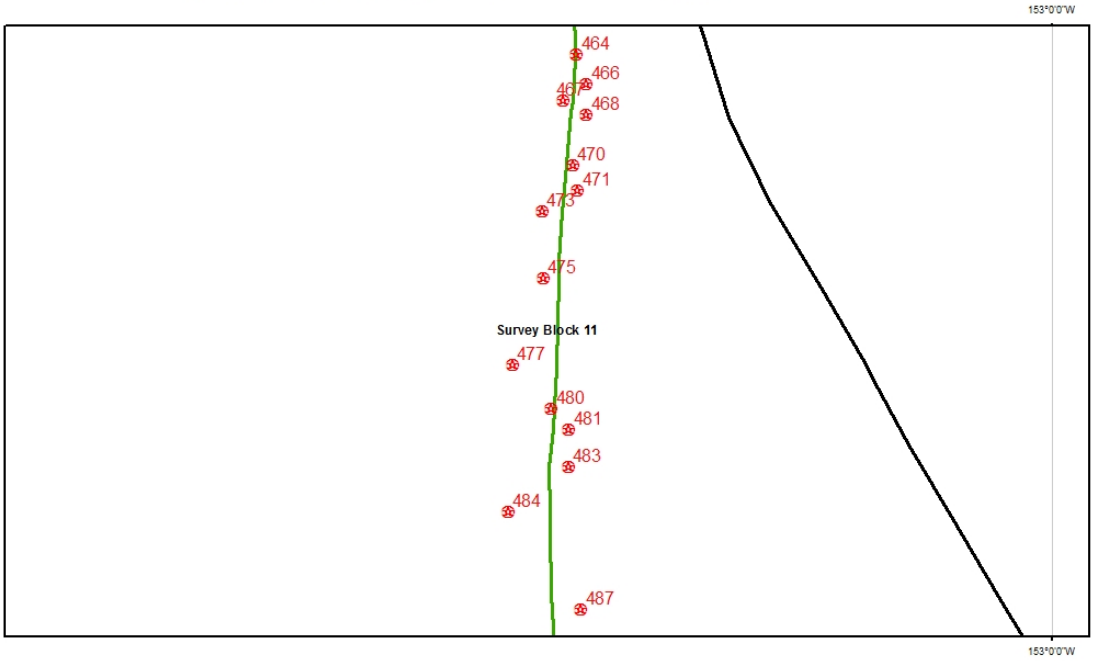
0.0 0.9 1.8 0.09 0.18 0.27 0.36
Kilometers

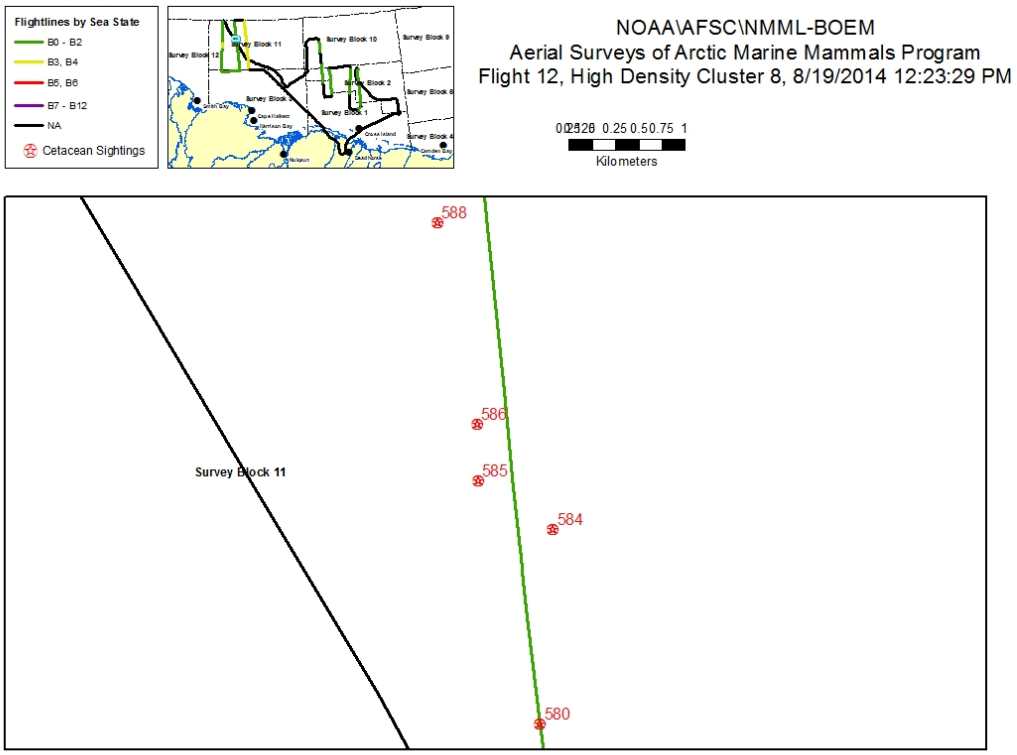


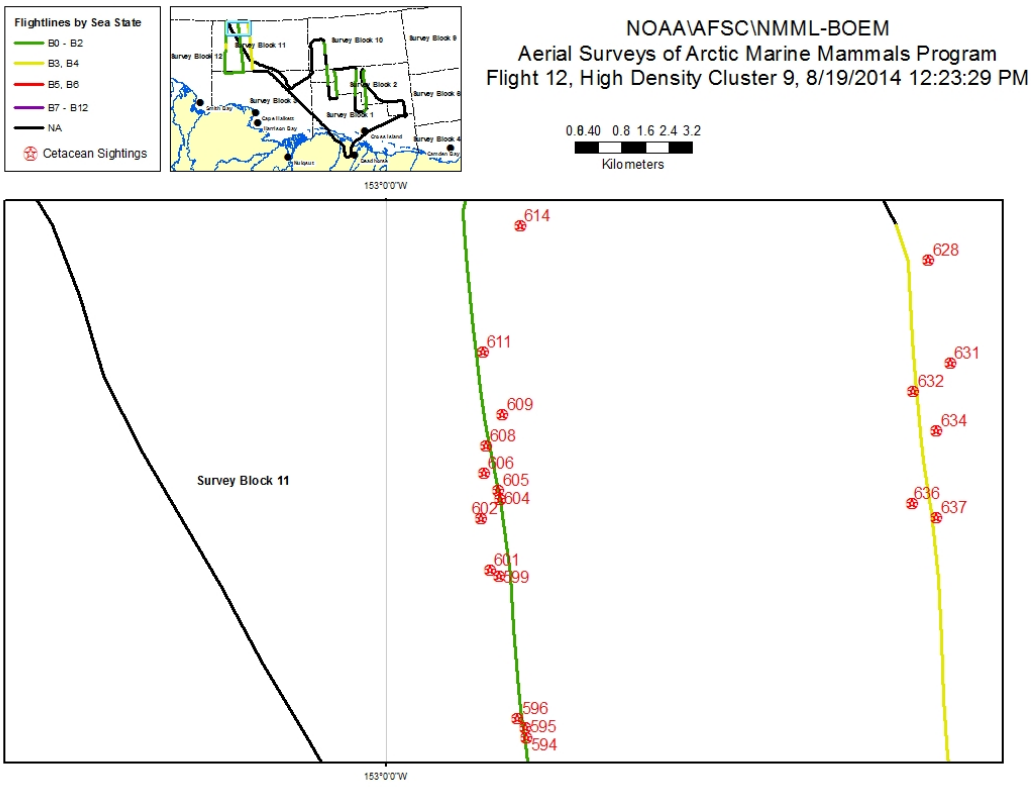


NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 12, High Density Cluster 7, 8/19/2014 12:23:29 PM

0.0 0.8 1.6 0.8 1.6 2.4 3.2
Kilometers







Walrus and Polar Bear Sightings: None