ASAMM-Beaufort – Flight 28 – 26 September 2014

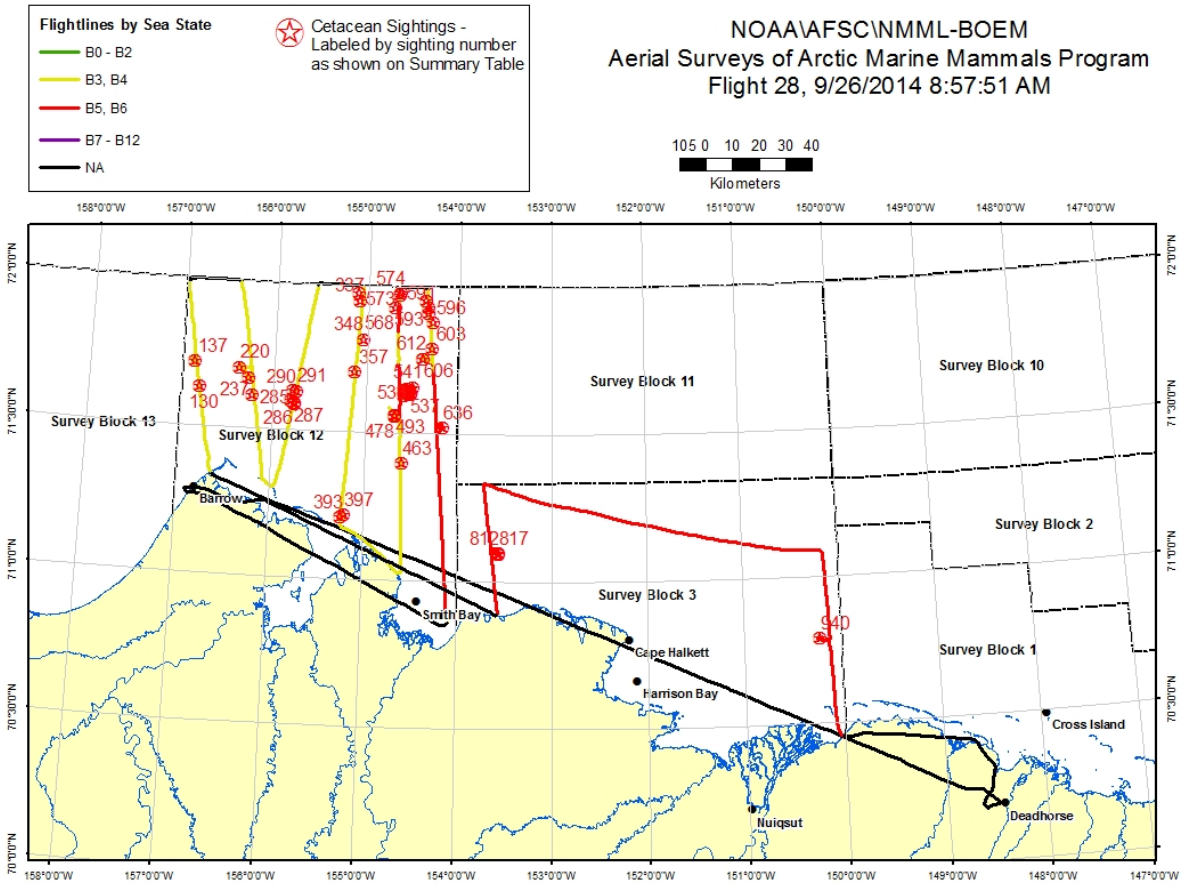
Area flown: Block 12, six complete transects; block 3, one complete and one partial transect
Total hours flown: 7.2 (2 flights)
Total transect hours: 3.0
Number of bowheads seen: 35 (1 calf)
Weather and visibility: Skies were partly cloudy. Sea state ranged from Beaufort 3-6. Visibility varied from 2 to 10 km, with glare, haze, and low ceiling. There was no sea ice in the area surveyed. High sea state prevented completion of transects in block 3.
Sightings: Bowhead whales, belugas (including one calf), unidentified cetaceans, and one polar bear.

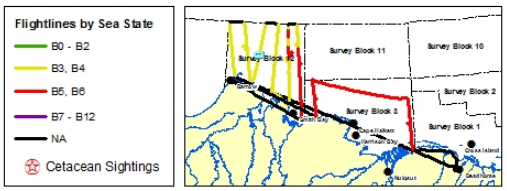
Preliminary Summary, Flight 28 Date: 9/26/2014

Total bowhead whales: 35	Start time: 9/26/2014 9:04:46 AM	End time: 9/26/2014 5:15:39 PM
Bowhead whale sightings: 24	Transect minutes: 178	Transect km:654.2
Bowhead whales on transect: 12	Circling minutes: 64	Circling km: 178.5
Bowhead whale cow-calf pairs: 1	Trans+Circ minutes: 242	Trans+Circ km: 832.7
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 54	Search km: 179.9
Bowhead whale repeats: 0	Total minutes: 431	Total km: 1721.6
Possible repeats: 0	Deadhead minutes: 135	Deadhead km: 709
Total gray whales: 0	Search blocks: 12, 3, 1	
Total belugas: 30	Transect blocks: 12, 3	
Other whale sightings: 4		
Total walrus: 0		
Total polar bears: 1		

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
130	71.63	-156.8	12	bowhead whale	1	0	swim	51	True
137	71.72	-156.85	12	unid cetacean	1	0	unknown	-1	False
209	71.67	-156.23	12	bowhead whale	1	0	swim	352	True
220	71.7	-156.38	12	bowhead whale	1	0	unknown	-1	False
237	71.61	-156.21	12	bowhead whale	1	0	dive	-1	True
285	71.59	-155.78	12	beluga	1	0	swim	282	True
286	71.59	-155.78	12	beluga	1	0	swim	280	True
287	71.6	-155.78	12	beluga	1	0	swim	190	True
290	71.63	-155.75	12	beluga	1	0	swim	283	True
291	71.63	-155.75	12	beluga	1	0	swim	193	True
334	71.97	-155.06	12	beluga	1	0	swim	185	True
337	71.95	-155.07	12	beluga	1	0	swim	156	True
348	71.82	-155.1	12	beluga	1	0	mill	-1	True
357	71.7	-155.12	12	beluga	1	0	swim	216	True
393	71.21	-155.23	12	bowhead whale	2	0	swim	184	False
397	71.22	-155.2	12	bowhead whale	5	0	swim	-1	False
463	71.4	-154.61	12	bowhead whale	1	0	swim	300	True
478	71.56	-154.63	12	unid cetacean	3	0	swim	298	True
493	71.56	-154.68	12	bowhead whale	1	0	swim	-1	False
502	71.63	-154.63	12	bowhead whale	1	0	swim	118	True
510	71.65	-154.6	12	bowhead whale	1	0	swim	-1	False
516	71.64	-154.58	12	bowhead whale	2	0	swim	-1	False
520	71.65	-154.55	12	bowhead whale	2	0	swim	-1	False
527	71.63	-154.51	12	bowhead whale	1	0	swim	-1	False
529	71.64	-154.51	12	bowhead whale	1	0	swim	-1	False
530	71.64	-154.52	12	bowhead whale	1	0	dive	-1	False
533	71.63	-154.54	12	bowhead whale	1	0	rest	-1	False
537	71.64	-154.53	12	bowhead whale	1	0	swim	-1	False
541	71.66	-154.49	12	bowhead whale	1	0	tail slap	-1	False
568	71.93	-154.67	12	beluga	6	0	swim	179	True
573	71.97	-154.67	12	beluga	1	0	rest	-1	True
574	71.98	-154.67	12	beluga	1	0	rest	-1	True
588	71.95	-154.34	12	beluga	7	1	swim	105	True
591	71.93	-154.33	12	beluga	1	0	swim	141	True
593	71.91	-154.33	12	beluga	3	0	swim	118	True

596	71.88	-154.32	12	beluga	1	0	mill	-1	True
603	71.79	-154.3	12	beluga	1	0	swim	261	True
606	71.76	-154.29	12	bowhead whale	3	1	mill	-1	True
612	71.76	-154.39	12	bowhead whale	2	0	mill	-1	False
636	71.52	-154.24	12	bowhead whale	2	0	swim	324	True
812	71.09	-153.63	3	bowhead whale	1	0	mill	-1	True
817	71.1	-153.55	3	bowhead whale	1	0	mill	-1	False
940	70.79	-150.11	3	bowhead whale	1	0	swim	358	True





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Aerial Surveys of Arctic Marine Mammals Program
Flight 28, High Density Cluster 1, 9/26/2014 8:57:51 AM

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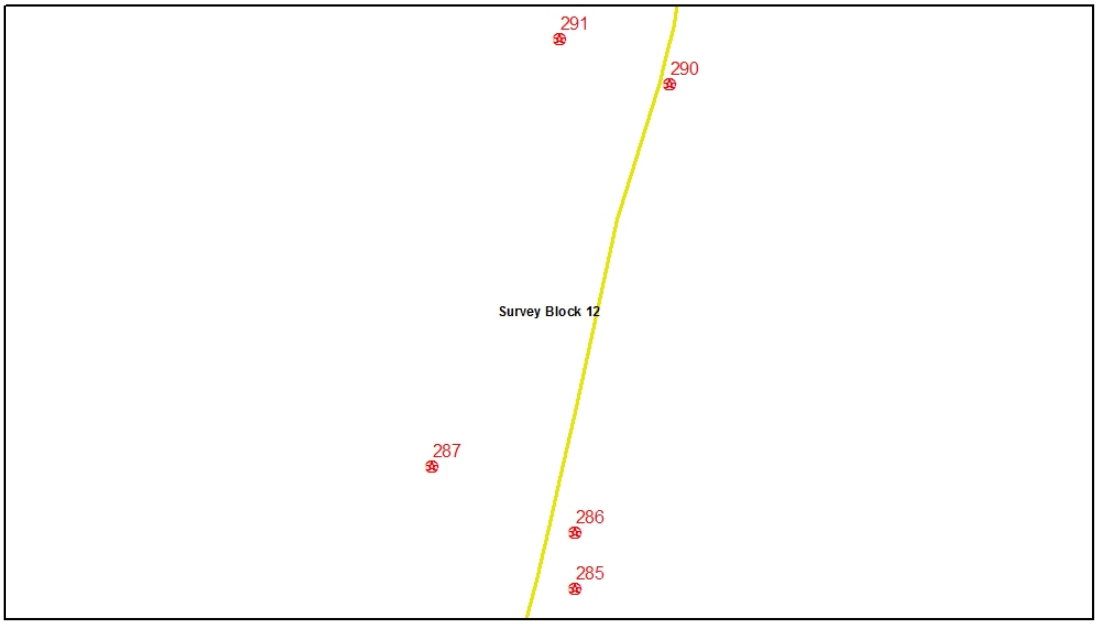
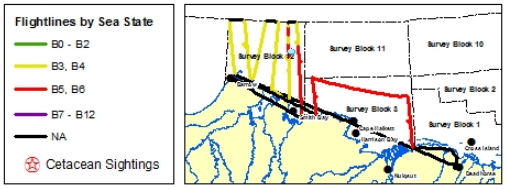
Kilometers





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Aerial Surveys of Arctic Marine Mammals Program
Flight 28, High Density Cluster 2, 9/26/2014 8:57:51 AM

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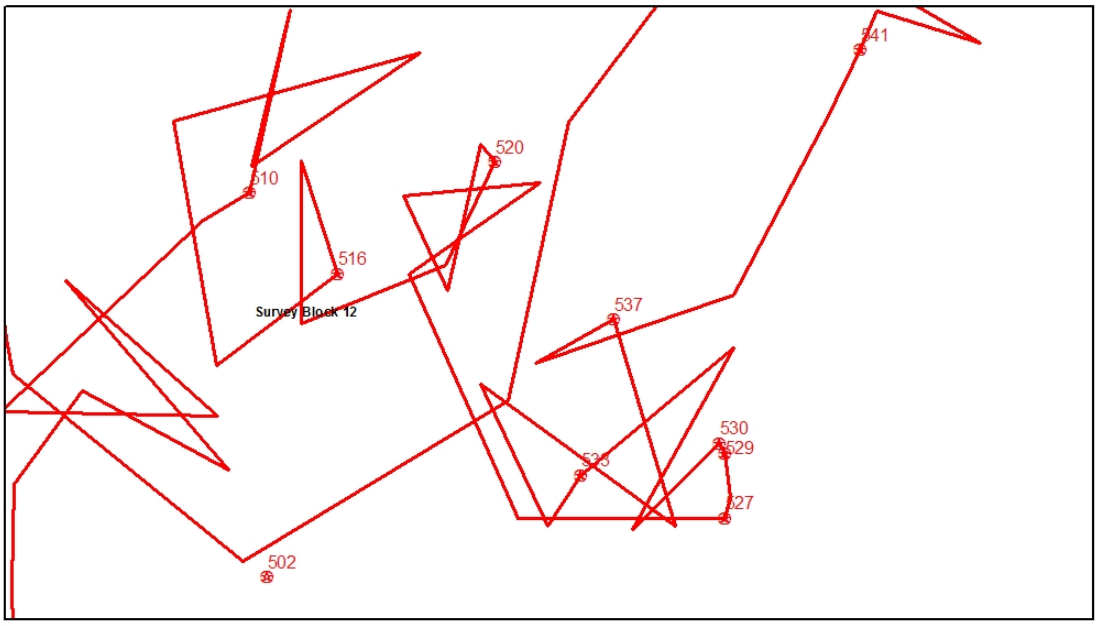
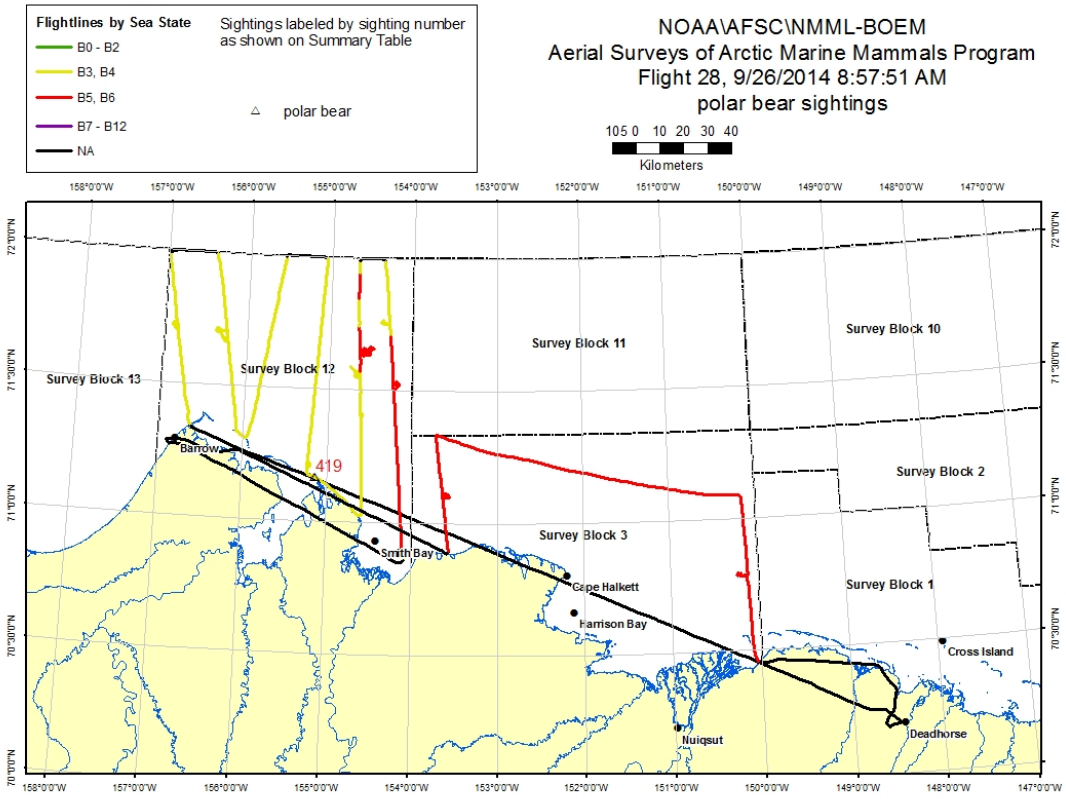
Kilometers



Diving bowhead whale (event 520) sighted during ASAMM-Beaufort Flight 28, 26 September 2014.

Well-scarred bowhead whale observed about 90 km north of Smith Bay (event 606) during ASAMM-Beaufort Flight 28, 26 September 2014.

Polar Bear Sightings: