

ASAMM-Beaufort – Flight 30 – 28 September 2014

Area flown: Block 3, seven complete and one partial transect; block11, six partial transects.

Total hours flown: 5.5

Total transect hours: 2.8

Number of bowheads seen: 65 (2 calves)

Weather and visibility: Skies were overcast. Sea state ranged from Beaufort 2-6. Visibility varied from 2 to 10km, with precipitation, fog, and haze. Sea ice coverage ranged from 0 to 20% new ice in the area surveyed; new ice was limited to shallow nearshore areas of Harrison Bay. High sea state prevented completion of transects in block 11.

Sightings: Bowhead whales, belugas, and small unidentified pinnipeds.

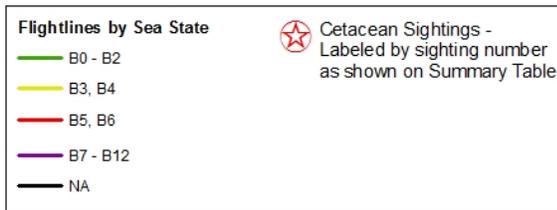
Preliminary Summary, Flight 30 Date: 9/28/2014

Total bowhead whales: 65	Start time: 9/28/2014 11:35:31 AM	End time: 9/28/2014 5:02:09 PM
Bowhead whale sightings: 43	Transect minutes: 165	Transect km:596.3
Bowhead whales on transect: 45	Circling minutes: 54	Circling km: 151.4
Bowhead whale cow-calf pairs: 2	Trans+Circ minutes: 219	Trans+Circ km: 747.7
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 29	Search km: 109
Bowhead whale repeats: 0	Total minutes: 327	Total km: 1261.8
Possible repeats: 0	Deadhead minutes: 79	Deadhead km: 405.1
Total gray whales: 0	Search blocks: 11, 3	
Total belugas: 2	Transect blocks: 3, 11	
Other whale sightings: 0		
Total walrus: 0		
Total polar bears: 0		

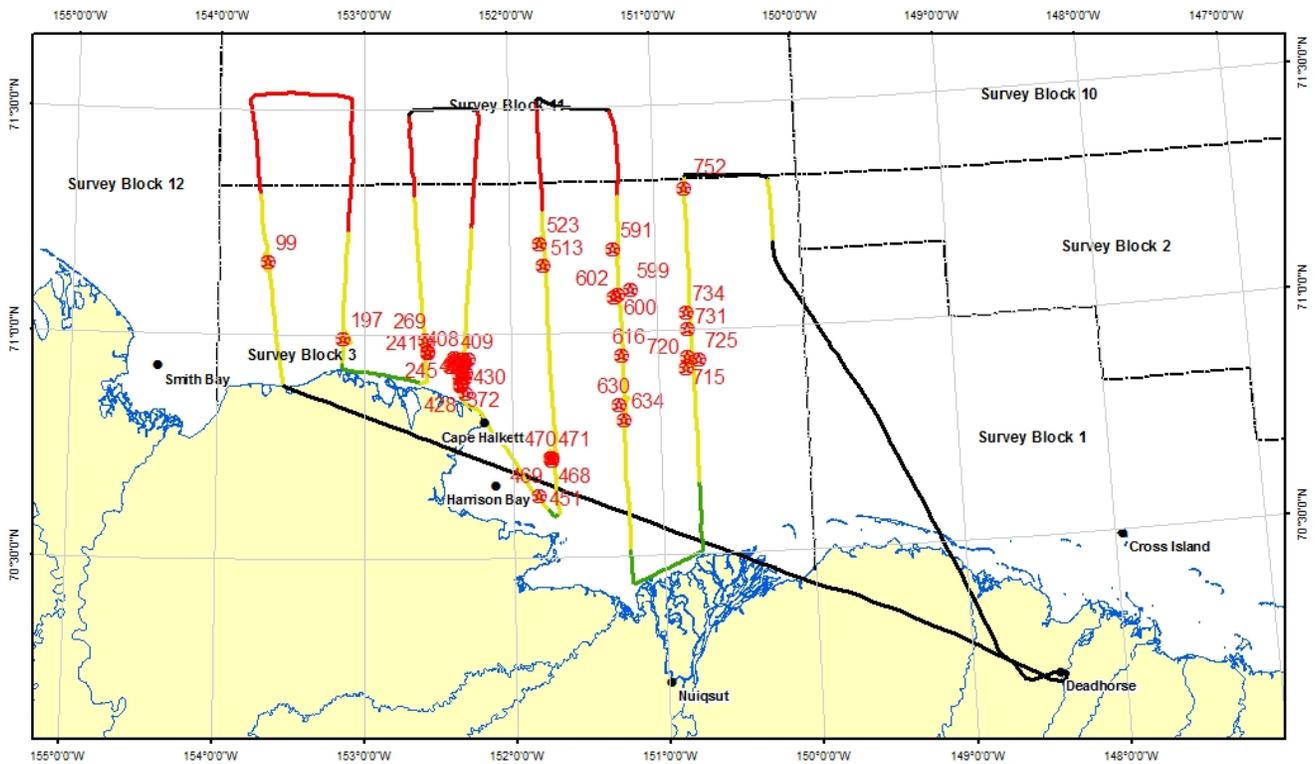
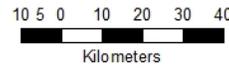
Cetacean Sightings:

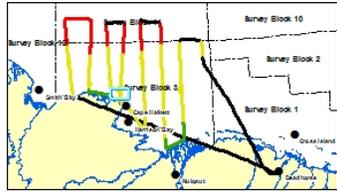
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
99	71.16	-153.66	3	bowhead whale	1	0	unknown	-1	True
197	70.99	-153.15	3	bowhead whale	1	0	unknown	-1	True
241	70.96	-152.59	3	bowhead whale	4	1	feed	84	True
245	70.96	-152.57	3	bowhead whale	1	0	swim	-1	False
269	70.99	-152.59	3	bowhead whale	1	0	swim	100	True
362	70.93	-152.33	3	bowhead whale	1	0	mill	-1	True
363	70.93	-152.33	3	bowhead whale	2	0	mill	-1	True
364	70.93	-152.33	3	bowhead whale	2	0	mill	-1	True
365	70.93	-152.33	3	bowhead whale	1	0	mill	-1	True
367	70.91	-152.33	3	bowhead whale	1	0	mill	-1	True
369	70.91	-152.33	3	bowhead whale	1	0	mill	-1	True
370	70.9	-152.33	3	bowhead whale	1	0	swim	280	True
372	70.89	-152.35	3	bowhead whale	2	0	mill	-1	False
376	70.93	-152.33	3	bowhead whale	2	0	swim	-1	False
382	70.95	-152.29	3	bowhead whale	1	0	log play	-1	False
392	70.94	-152.32	3	bowhead whale	2	0	rest	-1	False
396	70.94	-152.32	3	bowhead whale	2	0	mill	-1	False
401	70.93	-152.41	3	bowhead whale	1	0	mill	-1	False
403	70.94	-152.38	3	bowhead whale	2	0	mill	-1	False
408	70.95	-152.39	3	bowhead whale	2	1	mill	-1	False
409	70.94	-152.39	3	bowhead whale	2	0	mill	-1	False
424	70.91	-152.33	3	bowhead whale	1	0	dive	-1	False
427	70.89	-152.34	3	bowhead whale	1	0	mill	-1	True
428	70.89	-152.34	3	bowhead whale	2	0	swim	244	True
430	70.87	-152.34	3	bowhead whale	1	0	swim	272	True
451	70.64	-151.84	3	beluga	1	0	swim	318	False
468	70.72	-151.72	3	bowhead whale	7	0	mill	-1	True
469	70.72	-151.72	3	bowhead whale	2	0	mill	-1	True
470	70.72	-151.72	3	bowhead whale	2	0	mill	-1	True
471	70.72	-151.72	3	bowhead whale	2	0	mill	-1	True
513	71.15	-151.75	3	bowhead whale	1	0	swim	271	True
523	71.2	-151.76	3	bowhead whale	1	0	swim	299	True
591	71.18	-151.26	3	bowhead whale	1	0	swim	274	True
599	71.09	-151.26	3	bowhead whale	1	0	swim	298	True

600	71.08	-151.26	3	bowhead whale	1	0	swim	-1	True
602	71.08	-151.26	3	bowhead whale	1	0	swim	296	True
616	70.95	-151.24	3	bowhead whale	1	0	swim	271	True
630	70.84	-151.23	3	bowhead whale	1	0	swim	272	True
634	70.8	-151.24	3	bowhead whale	1	0	swim	272	True
715	70.91	-150.81	3	bowhead whale	1	0	swim	-1	False
720	70.94	-150.8	3	bowhead whale	1	0	swim	-1	False
725	70.93	-150.76	3	bowhead whale	1	0	swim	297	True
731	71	-150.77	3	bowhead whale	1	0	swim	327	True
734	71.04	-150.77	3	bowhead whale	1	0	swim	298	True
752	71.31	-150.78	3	beluga	1	0	swim	273	False

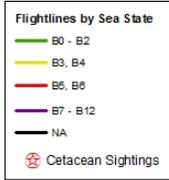
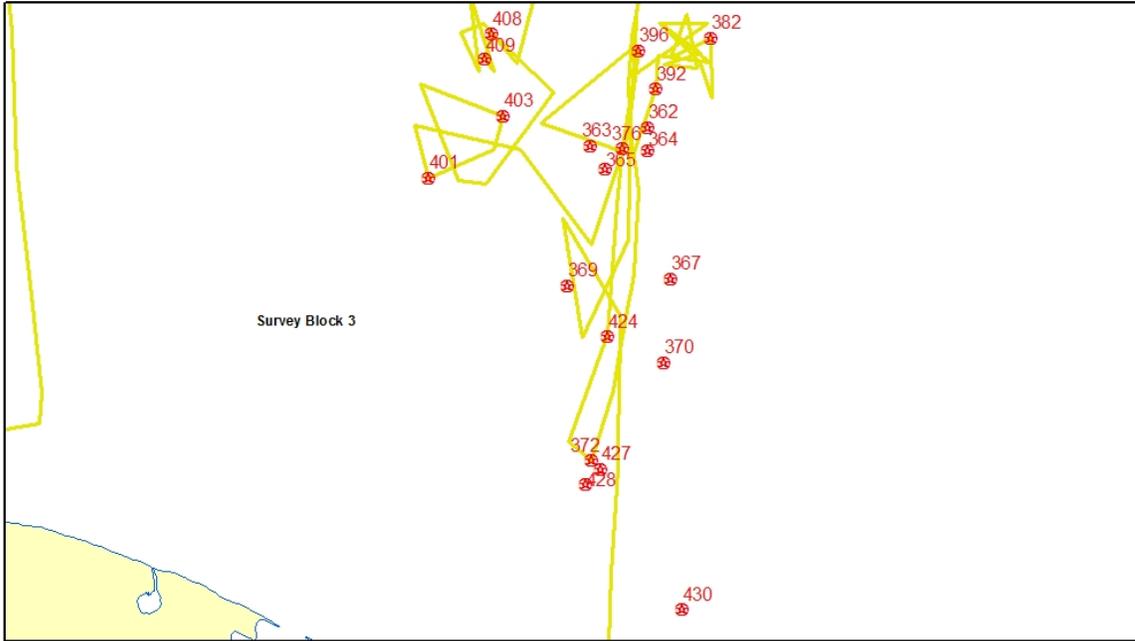
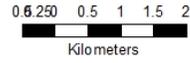


NOAA/FSC/INMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 30, 9/28/2014 11:31:21 AM

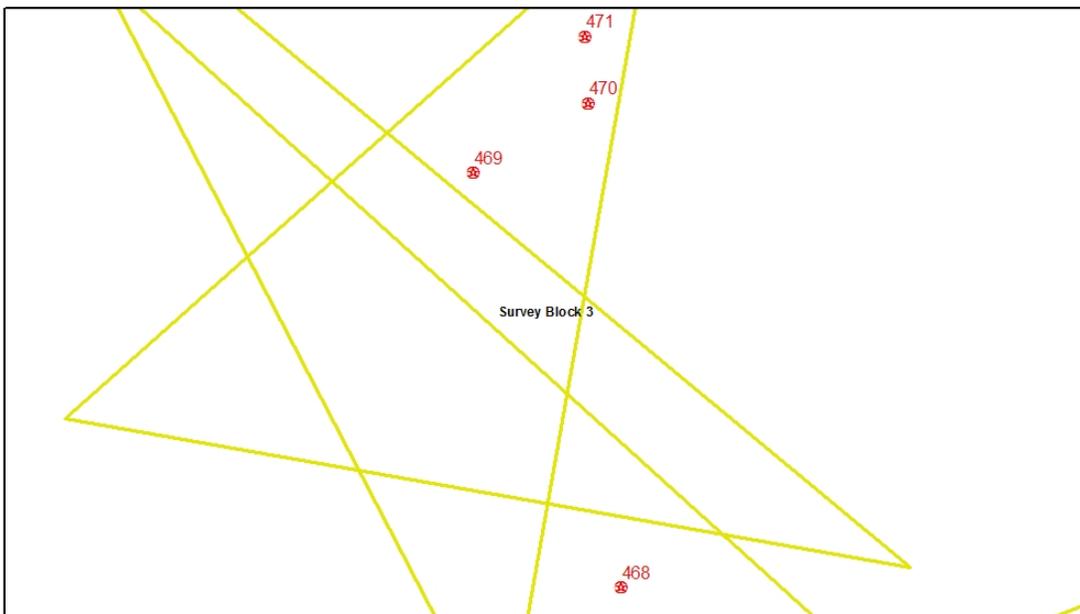




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 Aerial Surveys of Arctic Marine Mammals Program
 Flight 30, High Density Cluster 1, 9/28/2014 11:31:21 AM



NOAA\FSC\NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 30, High Density Cluster 2, 9/28/2014 11:31:21 AM





Echelon feeding by bowhead whales (event 241) northwest of Cape Halkett, ASAMM-Beaufort Flight 30, 28 September 2014.



Bowhead whale playing with a log (event 382) observed during ASAMM-Beaufort Flight 30, 28 September 2014.

Walrus and Polar Bear Sightings: none.