

ASAMM-Beaufort – Flight 10 – 17 August 2014

Area flown: Block 1, two complete transects and six partial transects; block 2, two partial transects; block 3, six partial transects; and block 11, one partial transect.

Total hours flown: 8.2 (2 flights)

Total transect hours: 3.7

Number of bowheads seen: 54 (3 calves)

Weather and visibility: Skies were clear to partly cloudy. Sea state ranged from Beaufort 2-5. Visibility varied from 0 to 10 km, with glare, haze, and offshore fog. Ice cover ranged from zero to 35% broken floe in the area surveyed.

Sightings: Bowhead whales, belugas, unidentified cetaceans, polar bears, small unidentified pinnipeds, and unidentified pinnipeds. Several of the bowhead whales were small adults.

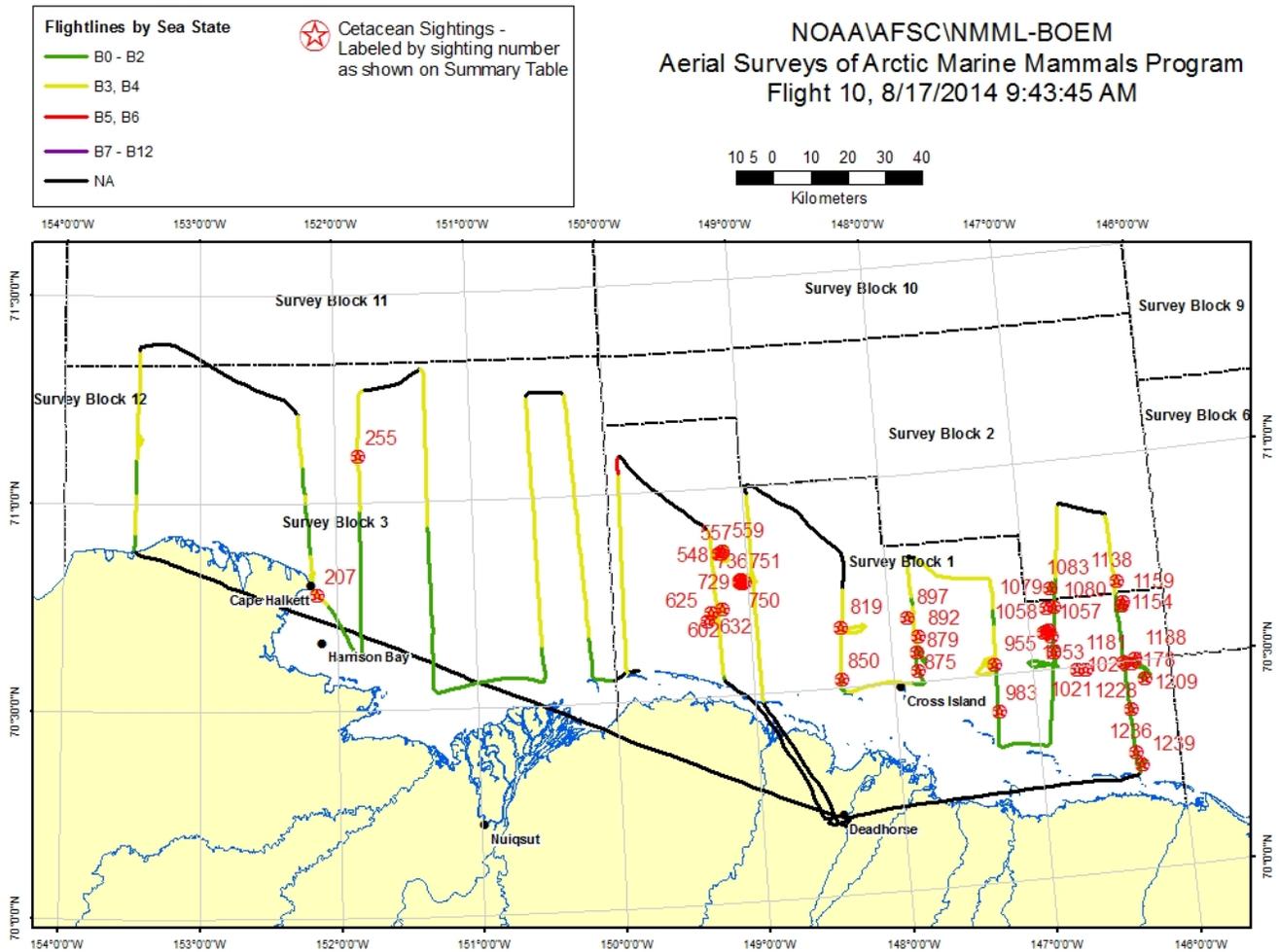
Preliminary Summary, Flight 10 Date: 8/17/2014

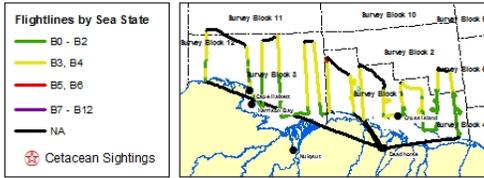
Total bowhead whales: 54	Start time: 8/17/2014 9:47:17 AM	End time: 8/17/2014 9:16:21 PM
Bowhead whale sightings: 33	Transect minutes: 219	Transect km: 791.7
Bowhead whales on transect: 20	Circling minutes: 124	Circling km: 363.6
Bowhead whale cow-calf pairs: 3	Trans+Circ minutes: 343	Trans+Circ km: 1155.3
Bowhead whale cow-calf pairs on transect: 2	Search minutes: 34	Search km: 122.6
Bowhead whale repeats: 0	Total minutes: 494	Total km: 1844.7
Possible repeats: 0	Deadhead minutes: 117	Deadhead km: 566.8
Total gray whales: 0	Search blocks: 11, 3, 1, 2	
Total belugas: 7	Transect blocks: 3, 11, 1, 2	
Other whale sightings: 2		
Total walrus: 0		
Total polar bears: 7		

Cetacean Sightings:

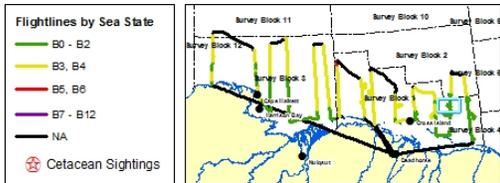
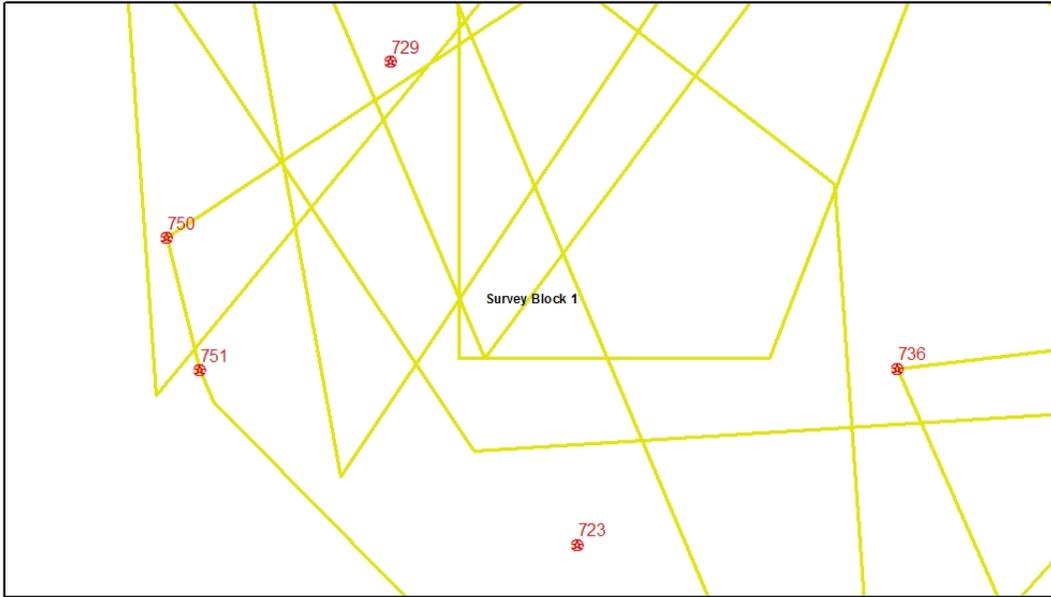
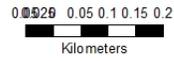
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
207	70.78	-152.14	3	beluga	2	0	mill	-1	False
255	71.11	-151.83	3	beluga	1	0	rest	-1	True
548	70.84	-149.25	1	bowhead whale	2	1	swim	88	True
557	70.84	-149.18	1	bowhead whale	1	0	swim	-1	False
559	70.85	-149.17	1	bowhead whale	2	1	swim	-1	False
602	70.71	-149.24	1	bowhead whale	2	0	swim	267	True
625	70.69	-149.23	1	bowhead whale	1	0	swim	-1	True
632	70.7	-149.28	1	bowhead whale	1	0	rest	-1	False
723	70.77	-148.96	1	bowhead whale	2	0	swim	272	True
729	70.78	-148.97	1	bowhead whale	2	0	swim	-1	False
736	70.77	-149.03	1	bowhead whale	1	0	swim	-1	False
750	70.77	-149.06	1	bowhead whale	1	0	swim	-1	False
751	70.77	-149.06	1	bowhead whale	1	0	swim	-1	False
819	70.65	-148.35	1	bowhead whale	1	0	breach	-1	False
850	70.52	-148.38	1	beluga	1	0	rest	-1	True
875	70.53	-147.82	1	beluga	1	0	dive	-1	True
879	70.57	-147.82	1	bowhead whale	1	0	swim	270	True
892	70.61	-147.82	1	bowhead whale	1	0	swim	356	True
897	70.66	-147.82	1	bowhead whale	1	0	swim	-1	True
955	70.53	-147.26	1	unid cetacean	1	0	unknown	-1	False
983	70.41	-147.27	1	beluga	1	0	swim	93	True
1020	70.5	-146.85	1	bowhead whale	1	0	unknown	-1	False
1021	70.5	-146.85	1	unid cetacean	1	0	unknown	-1	False
1034	70.54	-146.83	1	bowhead whale	1	0	swim	274	False
1049	70.58	-146.83	1	bowhead whale	1	0	swim	-1	True
1053	70.59	-146.87	1	bowhead whale	1	0	swim	-1	False
1057	70.59	-146.85	1	bowhead whale	2	0	swim	-1	False
1058	70.59	-146.88	1	bowhead whale	3	0	swim	-1	False
1079	70.64	-146.8	1	bowhead whale	1	0	swim	-1	True
1080	70.65	-146.8	1	bowhead whale	1	0	swim	96	True
1083	70.69	-146.78	2	bowhead whale	2	1	swim	280	True
1138	70.7	-146.35	2	bowhead whale	1	0	swim	90	True

1154	70.63	-146.34	1	bowhead whale	2	0	swim	88	True
1159	70.64	-146.29	1	bowhead whale	1	0	swim	-1	False
1178	70.5	-146.34	1	bowhead whale	6	0	swim	-1	False
1181	70.49	-146.28	1	bowhead whale	3	0	swim	-1	False
1188	70.5	-146.25	1	bowhead whale	5	0	mill	-1	False
1209	70.46	-146.2	1	bowhead whale	1	0	swim	-1	False
1228	70.38	-146.33	1	beluga	1	0	swim	236	True
1236	70.28	-146.33	1	bowhead whale	1	0	swim	178	True
1239	70.25	-146.32	1	bowhead whale	1	0	swim	31	True

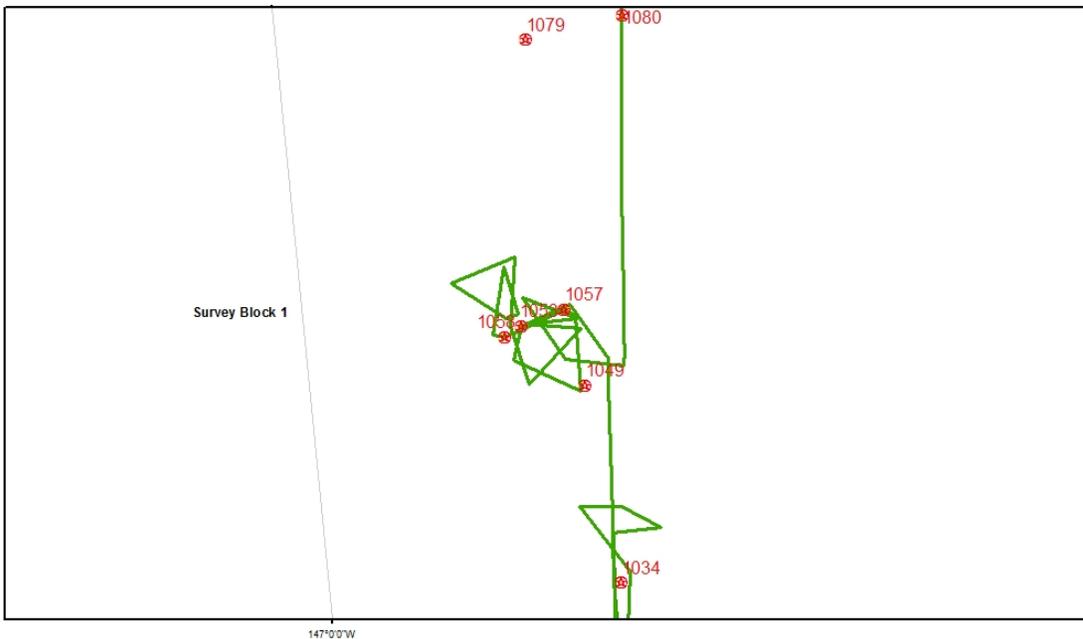




NOAA\AFSC\NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 10, High Density Cluster 1, 8/17/2014 9:43:45 AM



NOAA\AFSC\NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 10, High Density Cluster 2, 8/17/2014 9:43:45 AM





Bowhead whale cow-calf pair observed in the central Alaskan Beaufort Sea (event 559), ASAMM-Beaufort Flight 10, 17 August 2014. That looks like one very-well-fed calf.



Breaching bowhead whale observed in the central Alaskan Beaufort Sea (event 819), ASAMM-Beaufort Flight 10, 17 August 2014.

Polar Bear Sightings:

No walrus were sighted.

