

## ASAMM-Beaufort – Flight 17 – 28 August 2014

Area flown: Block 1, eight complete transects; block 2, six complete and two partial transects; block 10, two complete transects

Total hours flown: 5.9 (2 flights)

Total transect hours: 4.1

Number of bowheads seen: 2 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1-6.

Visibility varied from 0 to 10 km, with glare, low ceilings, fog, haze, and precipitation. Sea ice ranged from 1-3% broken floe, with 1% shorefast ice on barrier islands. The easternmost transects in block 2 were truncated due to fog.

Sightings: Bowhead whales, belugas (including 3 calves), one unidentified cetacean, polar bears, small unidentified pinnipeds, and unidentified pinnipeds.

### Preliminary Summary, Flight 17 Date: 8/28/2014

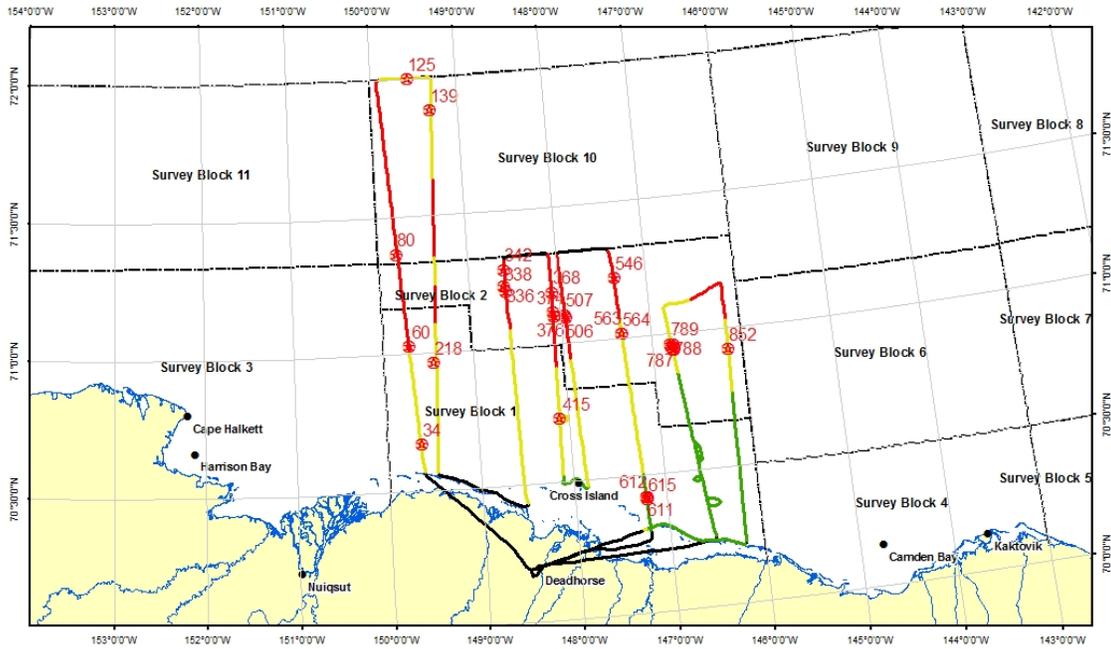
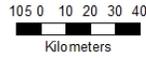
Total bowhead whales: 2	Start time: 8/28/2014 9:03:20 AM	End time: 8/28/2014 4:02:10 PM
Bowhead whale sightings: 1	Transect minutes: 247	Transect km: 916.2
Bowhead whales on transect: 0	Circling minutes: 15	Circling km: 50.3
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 262	Trans+Circ km: 966.5
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 28	Search km: 113.2
Bowhead whale repeats: 0	Total minutes: 356	Total km: 1402.1
Possible repeats: 0	Deadhead minutes: 66	Deadhead km: 322.4
Total gray whales: 0	Search blocks: 10, 0, 1, 2	
Total belugas: 32	Transect blocks: 1, 2, 10	
Other whale sightings: 1		
Total walrus: 0		
Total polar bears: 27		

### Cetacean Sightings:

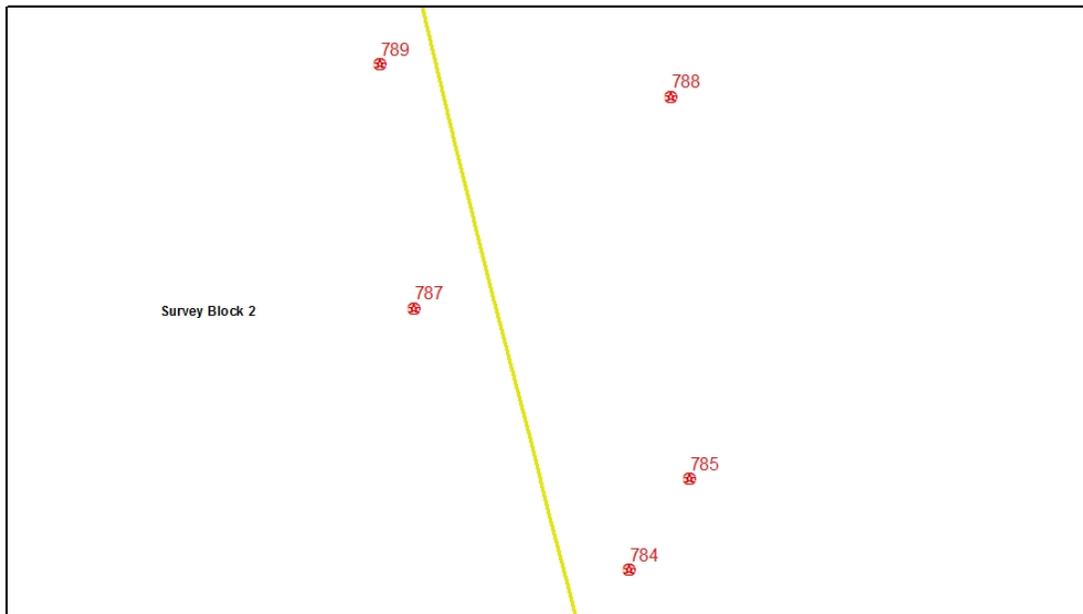
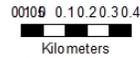
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
34	70.67	-149.64	1	beluga	1	0	swim	265	True
60	71.03	-149.71	1	unid cetacean	1	0	tail slap	-1	False
80	71.36	-149.78	10	beluga	1	0	rest	-1	True
125	72	-149.56	10	beluga	1	0	swim	28	False
139	71.88	-149.3	10	beluga	1	0	swim	6	True
218	70.97	-149.42	1	beluga	1	0	swim	89	True
336	71.21	-148.59	2	beluga	1	0	dive	-1	True
338	71.23	-148.59	2	beluga	2	1	swim	271	True
342	71.28	-148.58	2	beluga	1	0	swim	180	True
368	71.19	-148.08	2	beluga	2	1	swim	242	True
374	71.12	-148.08	2	beluga	1	0	rest	-1	True
376	71.1	-148.08	2	beluga	1	0	dive	-1	True
415	70.73	-148.09	1	bowhead whale	2	0	tail slap	-1	False
506	71.09	-147.94	2	beluga	1	0	swim	296	True
507	71.1	-147.94	2	beluga	1	0	dive	-1	True
546	71.22	-147.36	2	beluga	2	0	swim	236	True
563	71.02	-147.33	2	beluga	1	0	rest	-1	True
564	71.02	-147.33	2	beluga	1	0	swim	358	True
611	70.42	-147.23	1	beluga	2	0	swim	265	True
612	70.42	-147.23	1	beluga	1	0	swim	295	True
615	70.41	-147.23	1	beluga	1	0	swim	269	True
784	70.94	-146.78	2	beluga	1	0	swim	261	True
785	70.95	-146.78	2	beluga	3	1	swim	261	True
787	70.95	-146.79	2	beluga	1	0	swim	262	True
788	70.96	-146.79	2	beluga	1	0	swim	112	True
789	70.96	-146.79	2	beluga	2	0	swim	263	True
852	70.92	-146.17	2	beluga	1	0	swim	241	True



NOAA/AFSC/ NMML-BOEM  
Aerial Surveys of Arctic Marine Mammals Program  
Flight 17, 8/28/2014 8:55:25 AM



NOAA/AFSC/ NMML-BOEM  
Aerial Surveys of Arctic Marine Mammals Program  
Flight 17, High Density Cluster 1, 8/28/2014 8:55:25 AM



**Polar Bear Sightings:**

<b>Flightlines by Sea State</b>	<b>Sightings labeled by sighting number as shown on Summary Table</b>
<span style="color: green;">—</span> B0 - B2	△ polar bear
<span style="color: yellow;">—</span> B3, B4	
<span style="color: red;">—</span> B5, B6	
<span style="color: purple;">—</span> B7 - B12	
<span style="color: black;">—</span> NA	

NOAA\FSC\NMML-BOEM  
 Aerial Surveys of Arctic Marine Mammals Program  
 Flight 17, 8/28/2014 8:55:25 AM  
 polar bear sightings

