

## ASAMM-Beaufort – Flight 23 – 21 September 2014

Area flown: Block 4, five complete transects and one partial transect; block 6, six partial transects.

Total hours flown: 4.7

Total transect hours: 1.6

Number of bowheads seen: 90 (6 calves)

Weather and visibility: Skies were partly cloudy. Sea state ranged from Beaufort 2-4. Visibility varied from 0 to 10 km, with low ceilings and occasional glare. Low ceilings prevented completion of all transects. There was no sea ice in the area surveyed.

Sightings: Bowhead whales, one small unidentified pinniped, and polar bears. Most of the bowhead whales were milling or feeding. All polar bears were seen on the beach or barrier islands; eight of the bears may have been repeat sightings.

### Preliminary Summary, Flight 23 Date: 9/21/2014

Total bowhead whales: 90	Start time: 9/21/2014 12:09:00 PM	End time: 9/21/2014 4:49:26 PM
Bowhead whale sightings: 35	Transect minutes: 95	Transect km: 342.4
Bowhead whales on transect: 17	Circling minutes: 80	Circling km: 236.4
Bowhead whale cow-calf pairs: 6	Trans+Circ minutes: 175	Trans+Circ km: 578.8
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 23	Search km: 92.5
Bowhead whale repeats: 0	Total minutes: 280	Total km: 1081.3
Possible repeats: 0	Deadhead minutes: 82	Deadhead km: 410
Total gray whales: 0	Search blocks: 1, 6, 4	
Total belugas: 0	Transect blocks: 4, 6	
Other whale sightings: 0		
Total walrus: 0		
Total polar bears: 43		

### Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
166	70.3	-145.16	4	bowhead whale	4	1	rest	-1	True
167	70.29	-145.16	4	bowhead whale	1	0	rest	-1	True
196	70.29	-145.23	4	bowhead whale	2	1	mill	-1	False
203	70.29	-145.26	4	bowhead whale	3	0	mill	-1	False
204	70.29	-145.27	4	bowhead whale	2	0	mill	-1	False
206	70.3	-145.29	4	bowhead whale	30	0	feed	-1	False
207	70.3	-145.29	4	bowhead whale	3	1	mill	-1	False
210	70.33	-145.38	4	bowhead whale	2	0	feed	-1	False
212	70.33	-145.37	4	bowhead whale	1	0	mill	-1	False
213	70.33	-145.37	4	bowhead whale	1	0	mill	-1	False
217	70.33	-145.4	4	bowhead whale	1	0	feed	-1	False
218	70.33	-145.41	4	bowhead whale	1	0	feed	-1	False
219	70.33	-145.41	4	bowhead whale	4	0	feed	-1	False
221	70.34	-145.42	4	bowhead whale	1	0	mill	-1	False
226	70.33	-145.47	4	bowhead whale	2	1	rest	-1	False
229	70.32	-145.47	4	bowhead whale	1	0	swim	-1	False
247	70.3	-145.39	4	bowhead whale	3	0	mill	-1	False
249	70.3	-145.42	4	bowhead whale	1	0	mill	-1	False
250	70.31	-145.44	4	bowhead whale	4	0	mill	-1	False
252	70.31	-145.47	4	bowhead whale	1	0	mill	-1	False
253	70.31	-145.47	4	bowhead whale	1	0	mill	-1	False
257	70.33	-145.46	4	bowhead whale	2	1	mill	-1	False
290	70.21	-145.16	4	bowhead whale	2	0	mill	-1	True
297	70.2	-145.16	4	bowhead whale	1	0	feed	-1	True
299	70.19	-145.16	4	bowhead whale	1	0	mill	-1	True
308	70.2	-145.23	4	bowhead whale	1	0	mill	-1	False
316	70.13	-145.15	4	bowhead whale	1	0	mill	-1	True
325	70.13	-145.22	4	bowhead whale	1	0	mill	-1	False
332	70.08	-145.15	4	bowhead whale	2	0	mill	-1	True
334	70.07	-145.15	4	bowhead whale	3	0	mill	-1	True

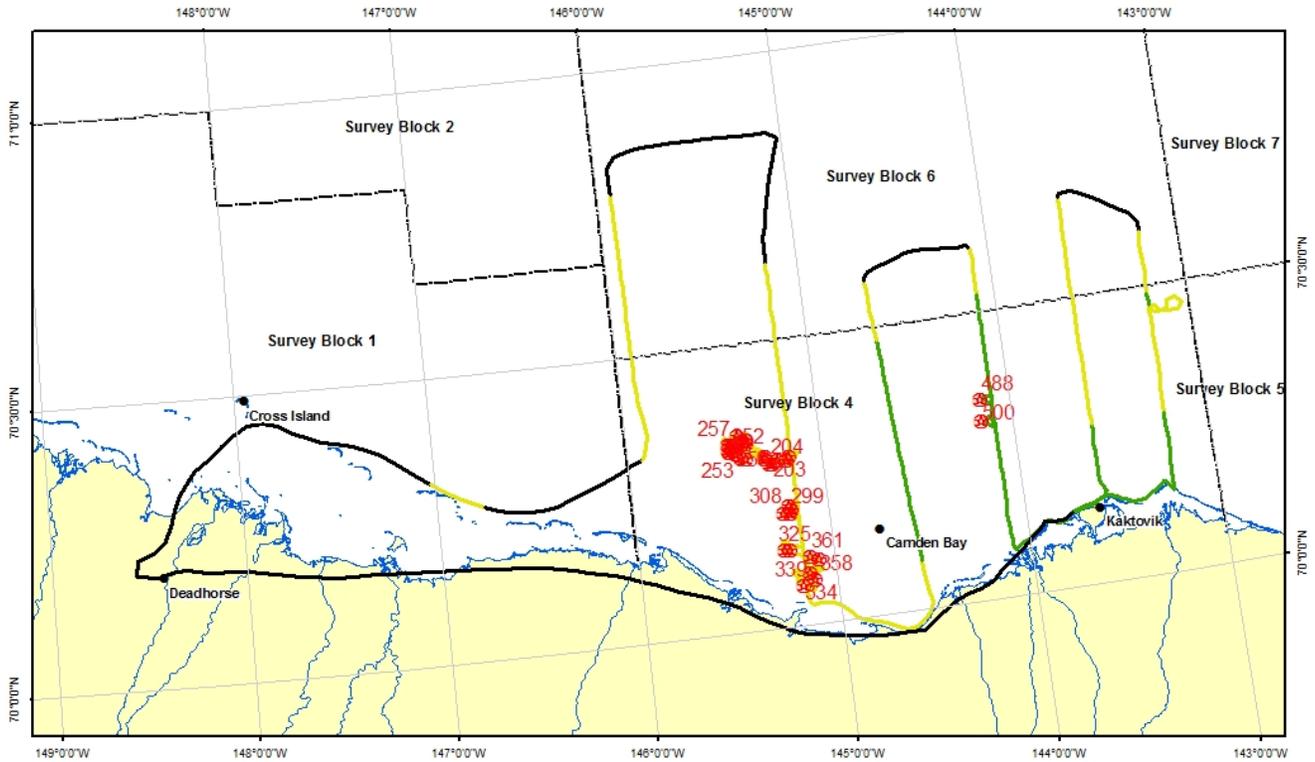
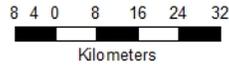
339	70.09	-145.14	4	bowhead whale	2	1	mill	-1	False
358	70.11	-145.08	4	bowhead whale	1	0	mill	-1	False
361	70.12	-145.12	4	bowhead whale	2	0	mill	-1	False
488	70.34	-144.09	4	bowhead whale	1	0	rest	-1	True
500	70.31	-144.1	4	bowhead whale	1	0	rest	-1	True

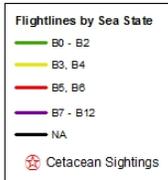
**Flightlines by Sea State**

- B0 - B2
- B3, B4
- B5, B6
- B7 - B12
- NA

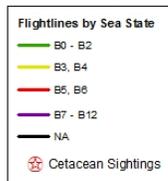
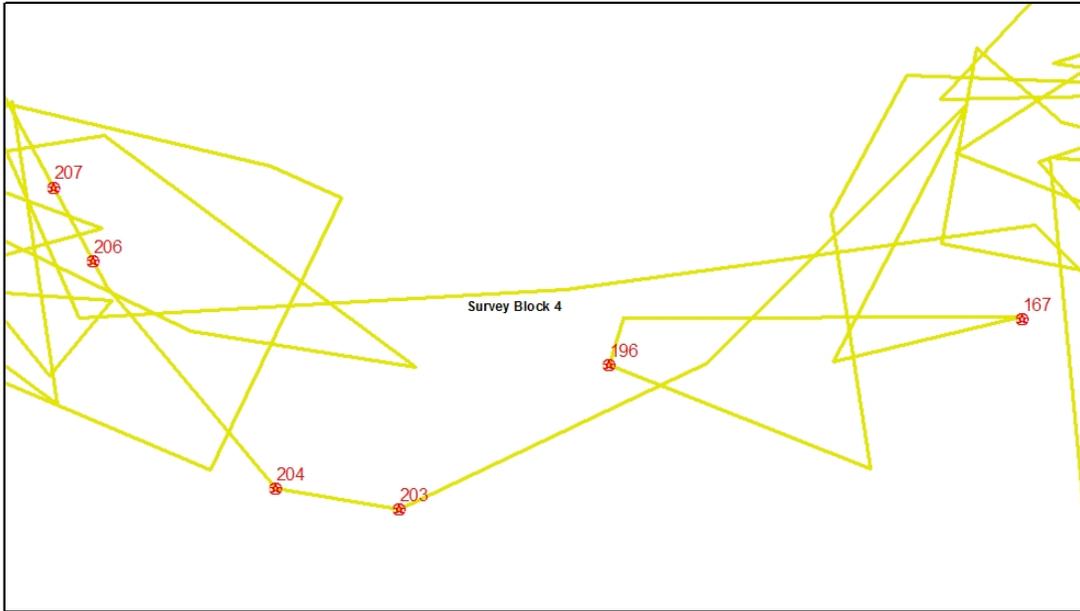
Cetacean Sightings - Labeled by sighting number as shown on Summary Table

**NOAA/AFSC/NMML-BOEM  
Aerial Surveys of Arctic Marine Mammals Program  
Flight 23, 9/21/2014 12:00:19 PM**

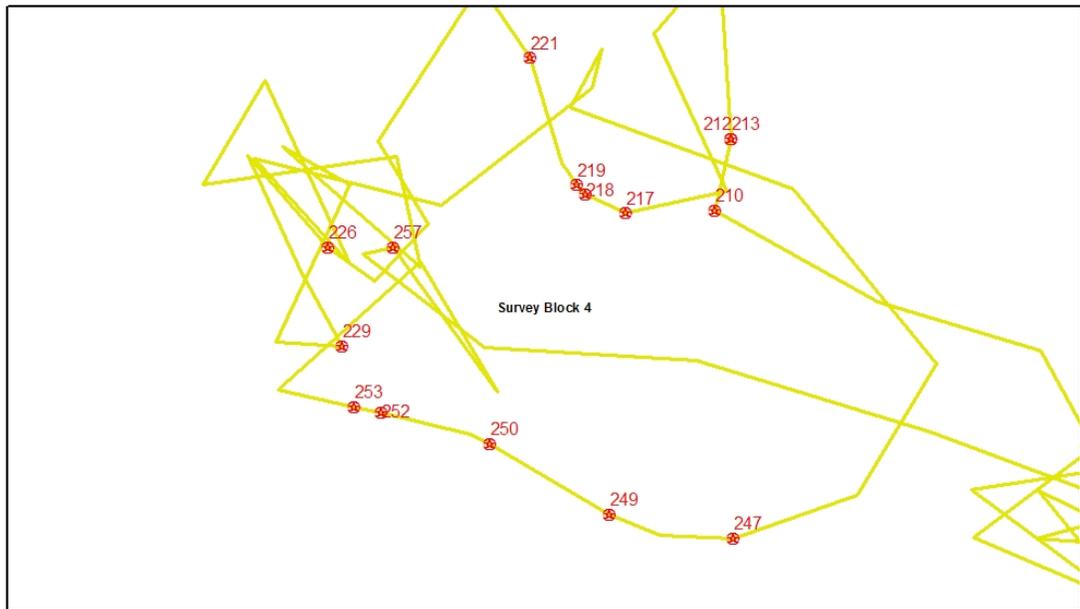
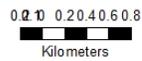


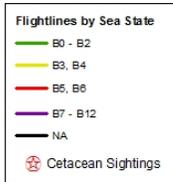


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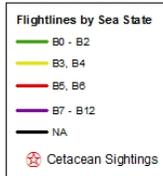
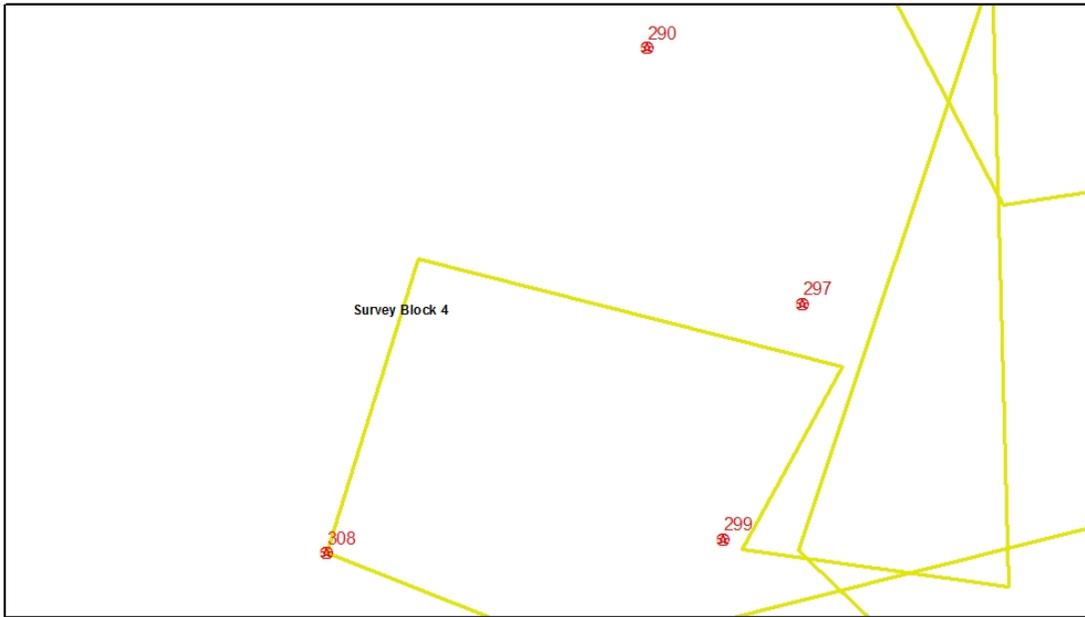


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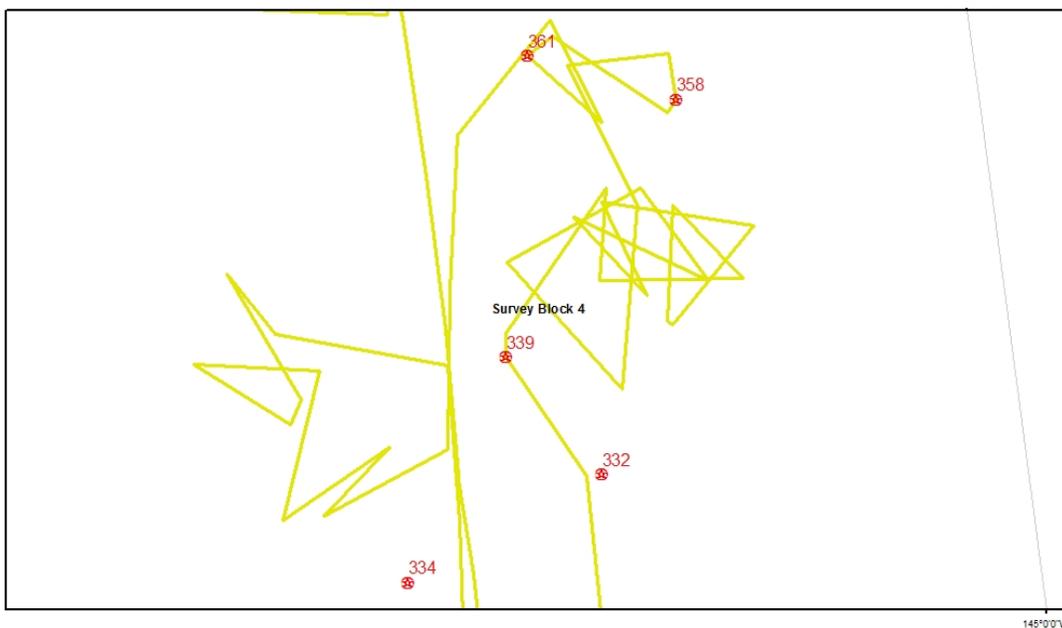




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Flight 23, High Density Cluster 3, 9/21/2014 12:00:19 PM



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Flight 23, High Density Cluster 4, 9/21/2014 12:00:19 PM





**Bowhead whale in feeding group of 30 whales (event 206) observed north of Camden Bay, ASAMM-Beaufort Flight 23, 21 September 2014.**

**Polar Bear Sightings:**

