

## ASAMM-Beaufort – Flight 26 – 8 September 2015

Area flown: Block 1, 5 partial transects; block 2, 3 partial transects; block 4, 1 complete transect; block 6, 1 partial transect.

Total hours flown: 3.6

Total transect hours: 1.8

Number of bowhead whales seen: 16 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1 to 3. Visibility varied from 0 to 10 km, with low ceilings and glare. Sea ice cover ranged from 0 – 40% broken floe ice in the area surveyed. Low ceilings prevented complete coverage of transects flown in blocks 1, 2, and 6.

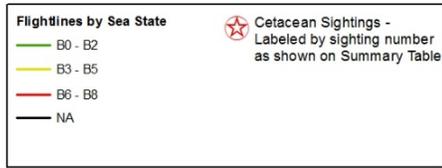
Sightings: Bowhead whales, belugas (including 6 calves), one polar bear, one bearded seal, and small unidentified pinnipeds. The polar bear was swimming approximately 30 km from shore in an area of 15% broken floe sea ice.

### Preliminary Summary, Flight 26 Date: 9/8/2015

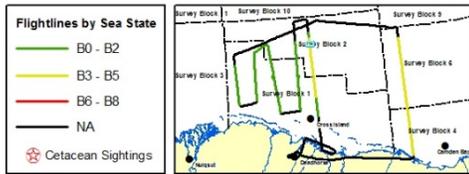
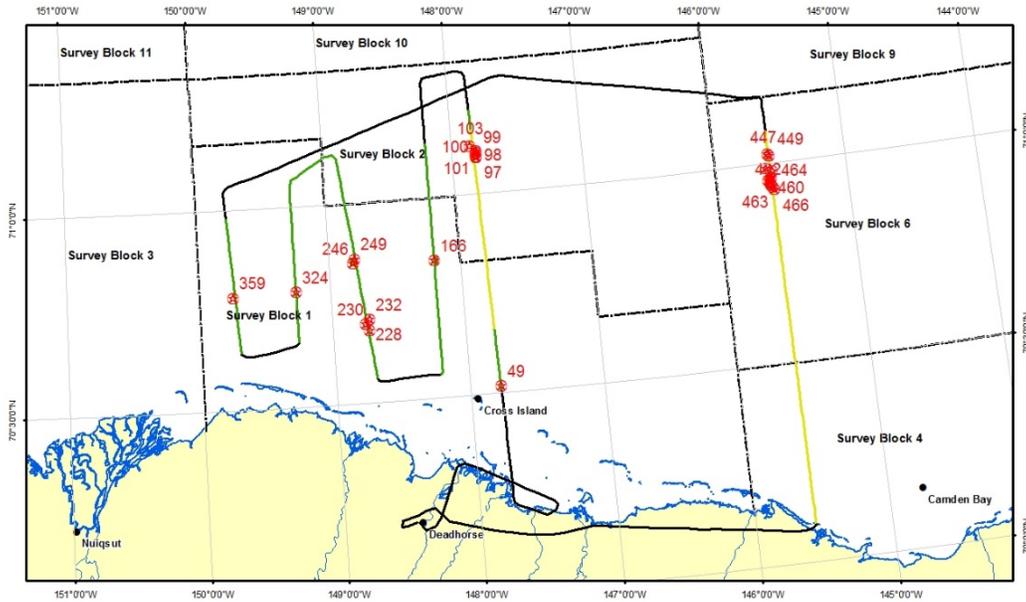
Total bowhead whales: 16	Start time: 9/8/2015 2:47:50 PM	End time: 9/8/2015 6:24:23 PM
Bowhead whale sightings: 10	Transect minutes: 110	Transect km: 392.1
Bowhead whales on transect: 14	Circling minutes: 3	Circling km: 10
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 113	Trans+Circ km: 402.1
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 5	Search km: 21.6
Bowhead whale repeats: 0	Total minutes: 217	Total km: 897.9
Possible repeats: 0	Deadhead minutes: 99	Deadhead km: 474.2
Total gray whales: 0	Search blocks: 2, 1, 4	
Total belugas: 26	Transect blocks: 1, 2, 6, 4	
Other whale sightings: 0		
Walruses: No		
Total polar bears: 1		

### Cetacean Sightings:

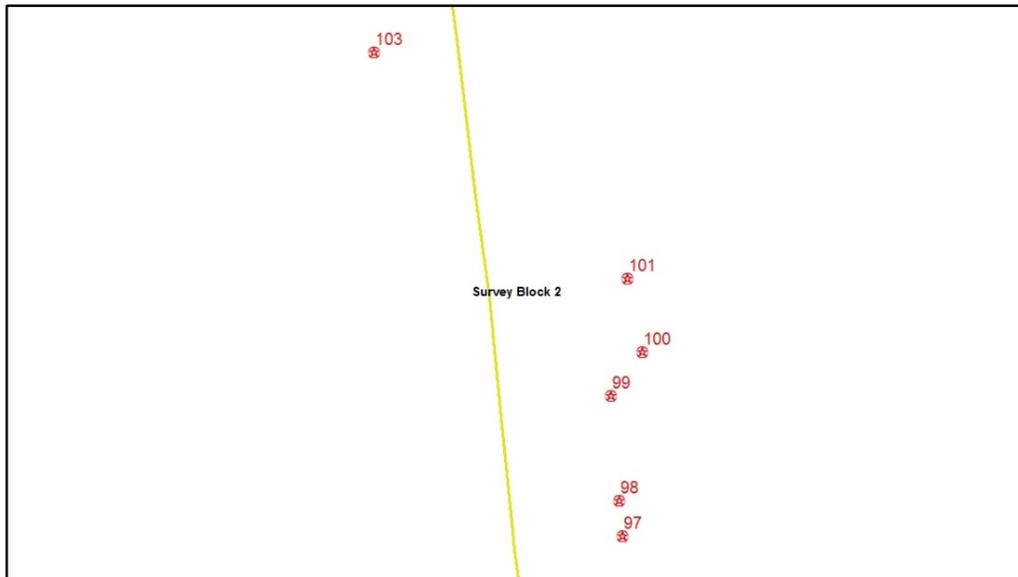
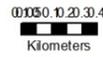
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
49	70.52	-147.78	1	bowhead whale	1	0	swim	268	True
97	71.09	-147.83	2	beluga	1	0	swim	269	True
98	71.09	-147.83	2	beluga	1	0	swim	269	True
99	71.1	-147.83	2	beluga	1	0	swim	269	True
100	71.1	-147.83	2	beluga	3	0	swim	270	True
101	71.11	-147.83	2	beluga	1	0	swim	268	True
103	71.12	-147.84	2	beluga	1	0	swim	89	True
166	70.84	-148.2	1	bowhead whale	1	0	swim	360	True
228	70.68	-148.73	1	bowhead whale	1	0	swim	263	True
230	70.7	-148.74	1	bowhead whale	4	0	swim	78	True
232	70.71	-148.74	1	bowhead whale	2	0	swim	172	True
246	70.85	-148.8	1	bowhead whale	2	0	swim	146	True
249	70.86	-148.8	1	bowhead whale	2	0	swim	-1	False
324	70.79	-149.26	1	bowhead whale	1	0	swim	1	True
359	70.78	-149.73	1	bowhead whale	1	0	swim	116	True
447	71.02	-145.58	6	beluga	1	0	swim	270	True
449	71.02	-145.58	6	beluga	4	2	swim	270	True
452	70.99	-145.58	6	beluga	1	0	swim	269	True
454	70.98	-145.58	6	beluga	2	1	swim	269	True
457	70.97	-145.58	6	beluga	2	1	swim	271	True
458	70.96	-145.58	6	beluga	1	0	swim	271	True
459	70.96	-145.58	6	beluga	1	0	swim	271	True
460	70.96	-145.58	6	beluga	1	0	swim	271	True
462	70.95	-145.58	6	bowhead whale	1	0	swim	269	True
463	70.95	-145.58	6	beluga	1	0	swim	269	True
464	70.94	-145.58	6	beluga	2	1	swim	269	True
466	70.93	-145.58	6	beluga	2	1	swim	269	True



NOAA/AFSC/NMML-BOEM  
Aerial Surveys of Arctic Marine Mammals Program  
Flight 26, 9/8/2015 2:45:47 PM



NOAA/AFSC/NMML-BOEM  
Aerial Surveys of Arctic Marine Mammals Program  
Flight 26, High Density Cluster 1, 9/8/2015 2:45:47 PM



NOAA AFSC/NMML-BOEM  
Aerial Surveys of Arctic Marine Mammals Program  
Flight 26, High Density Cluster 2, 9/8/2015 2:45:47 PM

