

## ASAMM-Beaufort – Flight 28 – 13 September 2015

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

Total hours flown: 6.6 (2 flights)

Total transect hours: 3.1

Number of bowhead whales seen: 11 (1 calf)

Weather and visibility: Skies were partly cloudy and overcast. Sea state ranged from Beaufort 1 to 4. Visibility varied from 0 km to unlimited, with fog, low ceilings, glare, and precipitation. Sea ice cover ranged from 0 – 60% broken floe and new ice in the area surveyed. Transect lines in block 5 could not be completed due to fog.

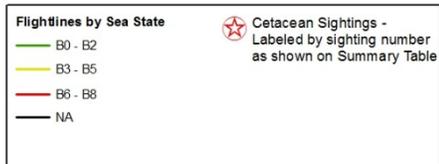
Sightings: Bowhead whales, belugas (including two calves), one unidentified cetacean, and small unidentified pinnipeds.

### Preliminary Summary, Flight 28 Date: 9/13/2015

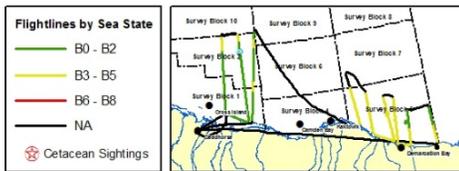
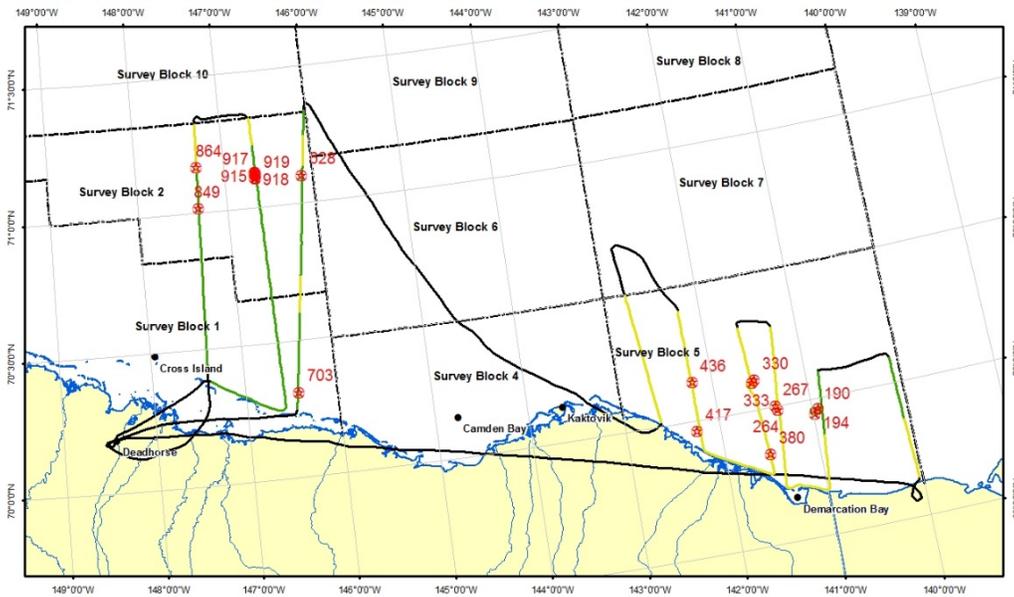
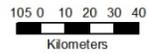
Total bowhead whales: 11	Start time: 9/13/2015 10:13:25 AM	End time: 9/13/2015 5:42:45 PM
Bowhead whale sightings: 8	Transect minutes: 188	Transect km:676.9
Bowhead whales on transect: 10	Circling minutes: 24	Circling km: 63.3
Bowhead whale cow-calf pairs: 1	Trans+Circ minutes: 212	Trans+Circ km: 740.2
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 23	Search km: 86.8
Bowhead whale repeats: 0	Total minutes: 393	Total km: 1722.2
Possible repeats: 0	Deadhead minutes: 158	Deadhead km: 895.2
Total gray whales: 0	Search blocks: 5, 1, 2	
Total belugas: 25	Transect blocks: 5, 10, 2, 1	
Other whale sightings: 1		
Walrus: No		
Total polar bears: 0		

### Cetacean Sightings:

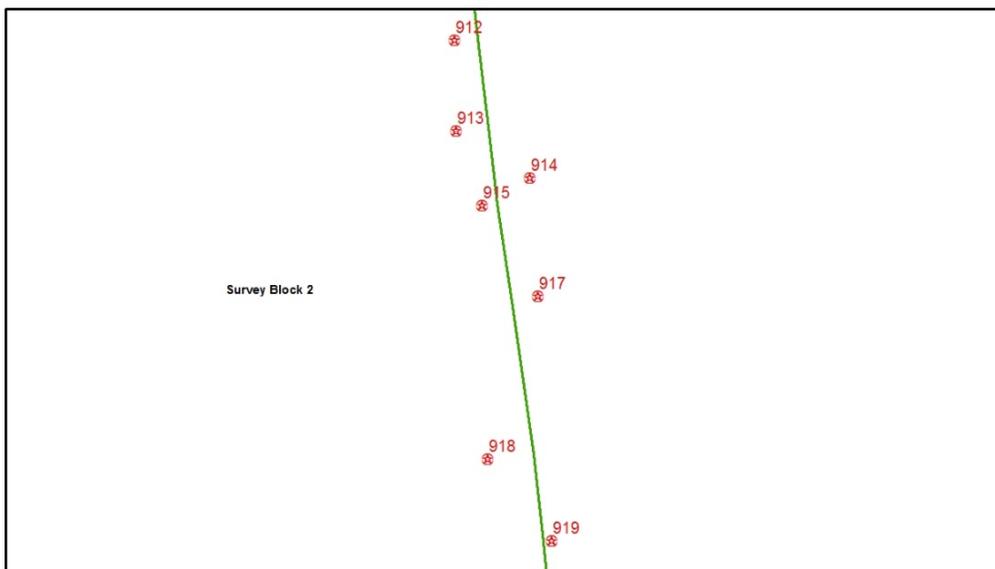
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
190	69.96	-140.9	5	unid cetacean	1	0	swim	276	True
194	69.94	-140.97	5	bowhead whale	1	0	swim	7	False
264	69.99	-141.35	5	bowhead whale	1	0	swim	274	True
267	70	-141.35	5	bowhead whale	3	0	swim	245	True
330	70.11	-141.59	5	bowhead whale	1	0	swim	86	True
333	70.1	-141.58	5	bowhead whale	2	1	swim	86	True
380	69.83	-141.53	5	bowhead whale	1	0	swim	267	True
417	69.96	-142.22	5	bowhead whale	1	0	swim	269	True
436	70.14	-142.22	5	bowhead whale	1	0	swim	239	True
628	71.1	-146.13	2	beluga	2	1	swim	276	True
703	70.31	-146.44	1	beluga	3	0	swim	277	True
849	71.02	-147.32	2	beluga	1	0	swim	91	True
864	71.17	-147.31	2	beluga	2	0	swim	151	True
912	71.13	-146.65	2	beluga	1	0	swim	330	True
913	71.12	-146.65	2	beluga	7	1	mill	-1	True
914	71.12	-146.65	2	beluga	1	0	swim	89	True
915	71.12	-146.65	2	beluga	2	0	swim	59	True
917	71.12	-146.65	2	beluga	1	0	swim	86	True
918	71.11	-146.65	2	beluga	4	0	swim	29	True
919	71.1	-146.65	2	beluga	1	0	swim	61	True



NOAA\FSC\NMML-BOEM  
Aerial Surveys of Arctic Marine Mammals Program  
Flight 28, 9/13/2015 10:03:43 AM



NOAA\FSC\NMML-BOEM  
Aerial Surveys of Arctic Marine Mammals Program  
Flight 28, High Density Cluster 1, 9/13/2015 10:03:43 AM





**Bowhead whale cow-calf pair sighted in the western Beaufort Sea approximately 70 km east of Kaktovik (event 333), ASAMM-BWASP Flight 28, 13 September 2015. The cow is submerged completely with the white on the peduncle visible; the calf is to the left of the cow.**