

ASAMM-Beaufort – Flight 22 – 26 August 2016

Area flown: Block 3, 6 complete and 1 partial transect; block 11, 6 complete transects.

Total hours flown: 8.0 (2 flights)

Total transect hours: 4.0

Number of bowhead whales seen: 498 (2 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 0-3. Visibility ranged from 3 km to unlimited, with haze and glare. There was no sea ice in the area surveyed.

Sightings: Bowhead whales, belugas (including 3 calves), unidentified cetaceans, 1 walrus, unidentified pinnipeds, and small unidentified pinnipeds. One walrus carcass was also seen.

Preliminary Summary, Flight 22 Date: Friday, August 26, 2016

Total bowhead whales: 498	Start time: 8/26/2016 12:18:00 PM	End time: 8/26/2016 9:27:31 PM
Bowhead whale sightings: 73	Transect minutes: 240	Transect km: 885.7
Bowhead whales on transect: 235	Circling minutes: 100	Circling km: 292.8
Bowhead whale cow-calf pairs: 2	Trans+Circ minutes: 340	Trans+Circ km: 1178.5
Bowhead whale cow-calf pairs on transect: 2	Search minutes: 5	Search km: 18.7
Bowhead whale repeats: 0	Total minutes: 478	Total km: 1887.5
Possible repeats: 0	Deadhead minutes: 134	Deadhead km: 690.3
Total gray whales: 0	Search blocks: 3,11	
Total belugas: 18	Transect blocks: 3,11	
Other whale sightings: 2		
walrus: yes		
Total polar bears: 0		

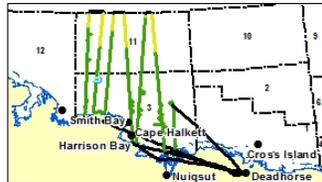
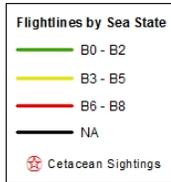
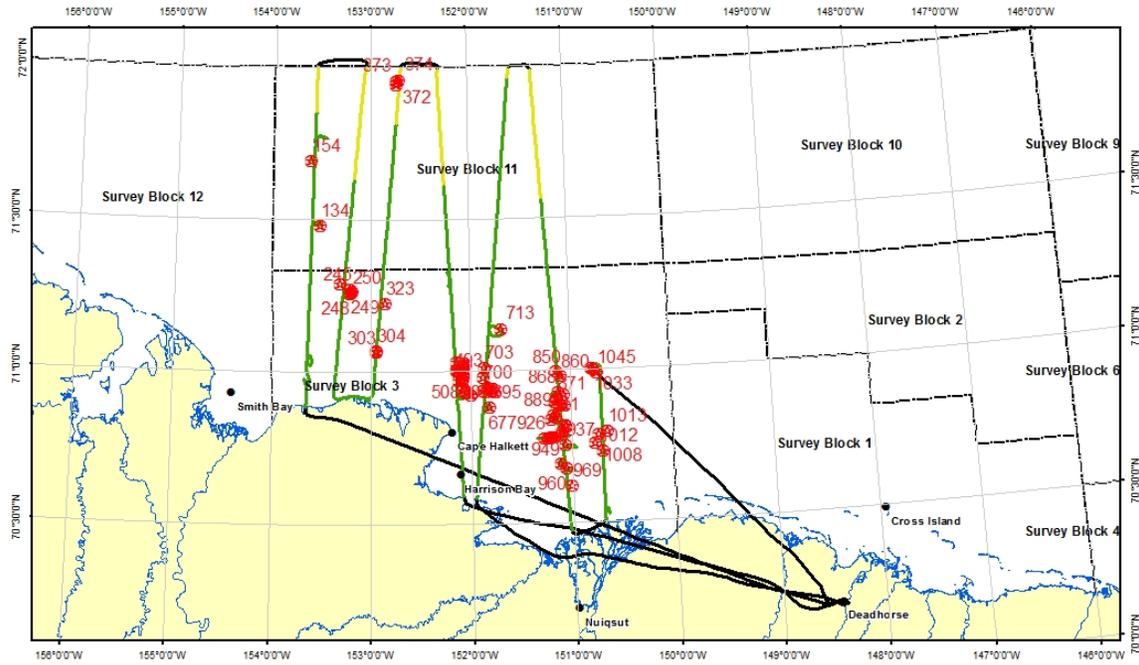
Cetacean Sightings

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
134	71.48	-153.61	11	bowhead whale	1	0	swim	1	True
154	71.69	-153.59	11	bowhead whale	2	1	swim	151	True
244	71.29	-153.27	3	bowhead whale	1	0	dive	-1	True
245	71.27	-153.28	3	bowhead whale	1	0	rest	-1	True
248	71.26	-153.22	3	bowhead whale	1	0	rest	-1	False
249	71.26	-153.2	3	bowhead whale	1	0	swim	-1	False
250	71.26	-153.19	3	bowhead whale	1	0	swim	-1	False
303	71.07	-152.95	3	bowhead whale	6	0	feed	-1	True
304	71.07	-152.95	3	bowhead whale	3	0	feed	-1	True
323	71.23	-152.9	3	bowhead whale	1	0	swim	36	True
372	71.94	-152.7	11	beluga	11	2	swim	274	True
373	71.95	-152.7	11	beluga	2	0	swim	276	True
374	71.96	-152.7	11	beluga	5	1	swim	306	True
458	71.03	-152.15	3	bowhead whale	3	0	feed	327	True
459	71.03	-152.15	3	bowhead whale	2	0	mill	-1	True
462	71.02	-152.1	3	bowhead whale	1	0	swim	-1	False
463	71.02	-152.07	3	bowhead whale	6	0	swim	-1	False
464	71.02	-152.05	3	bowhead whale	4	0	swim	-1	False
472	71	-152.09	3	bowhead whale	6	0	swim	-1	False
479	71.01	-152.15	3	bowhead whale	3	0	feed	-1	True
483	71	-152.14	3	bowhead whale	1	0	swim	-1	False
485	70.98	-152.13	3	bowhead whale	2	0	feed	-1	True
487	70.97	-152.12	3	bowhead whale	3	0	feed	-1	False
488	70.97	-152.08	3	bowhead whale	1	0	swim	-1	False
489	70.97	-152.08	3	bowhead whale	3	0	swim	-1	False
490	70.97	-152.08	3	bowhead whale	4	0	feed	-1	False
493	70.99	-152.07	3	bowhead whale	9	0	mill	-1	False
499	70.92	-152.14	3	bowhead whale	2	0	feed	-1	True
503	70.93	-152.04	3	bowhead whale	1	0	feed	-1	False
504	70.93	-152.04	3	bowhead whale	1	0	feed	-1	False
505	70.94	-152.04	3	bowhead whale	6	0	feed	-1	False
508	70.94	-152.08	3	bowhead whale	4	0	feed	-1	False
677	70.88	-151.88	3	bowhead whale	1	0	swim	5	True

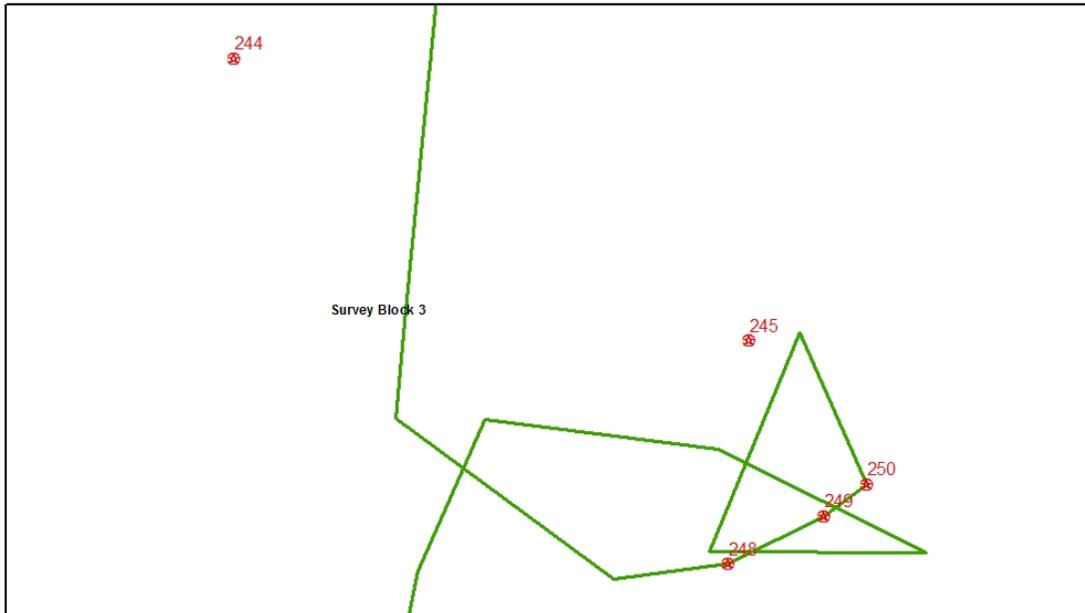
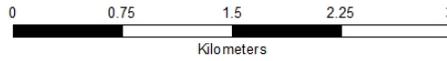
686	70.94	-151.86	3	bowhead whale	2	0	swim	182	True
687	70.94	-151.86	3	bowhead whale	1	0	swim	183	True
689	70.95	-151.83	3	bowhead whale	1	0	rest	-1	False
690	70.94	-151.81	3	bowhead whale	1	0	rest	-1	False
691	70.94	-151.81	3	bowhead whale	1	0	rest	-1	False
692	70.94	-151.78	3	bowhead whale	1	0	swim	-1	False
695	70.93	-151.78	3	bowhead whale	1	0	swim	-1	False
700	70.98	-151.85	3	bowhead whale	1	0	swim	158	True
703	71.01	-151.84	3	bowhead whale	1	0	rest	-1	True
713	71.14	-151.81	3	unid cetacean	2	0	unknown	-1	True
850	71	-151.13	3	bowhead whale	2	1	feed	-1	True
860	70.98	-151.09	3	bowhead whale	3	0	feed	-1	False
868	70.93	-151.12	3	bowhead whale	1	0	dive	-1	True
869	70.92	-151.12	3	bowhead whale	1	0	feed	-1	True
871	70.91	-151.14	3	bowhead whale	1	0	swim	-1	False
876	70.9	-151.15	3	bowhead whale	5	0	swim	-1	False
877	70.9	-151.16	3	bowhead whale	2	0	feed	-1	False
882	70.89	-151.11	3	bowhead whale	2	0	feed	-1	True
883	70.88	-151.11	3	bowhead whale	1	0	feed	-1	True
886	70.88	-151.1	3	bowhead whale	1	0	feed	-1	False
889	70.85	-151.11	3	bowhead whale	2	0	feed	-1	True
897	70.85	-151.16	3	bowhead whale	1	0	dive	-1	False
901	70.82	-151.1	3	bowhead whale	44	0	feed	-1	True
902	70.81	-151.1	3	bowhead whale	17	0	feed	-1	True
911	70.84	-151.2	3	bowhead whale	5	0	feed	-1	False
917	70.79	-151.1	3	bowhead whale	19	0	feed	-1	True
918	70.79	-151.1	3	bowhead whale	10	0	feed	-1	True
921	70.78	-151.17	3	bowhead whale	52	0	feed	-1	False
922	70.78	-151.19	3	bowhead whale	30	0	feed	-1	False
923	70.78	-151.21	3	bowhead whale	55	0	feed	-1	False
924	70.78	-151.22	3	bowhead whale	11	0	feed	-1	False
925	70.78	-151.24	3	bowhead whale	20	0	feed	-1	False
926	70.78	-151.27	3	bowhead whale	15	0	feed	-1	False
937	70.75	-151.09	3	bowhead whale	11	0	feed	-1	True
949	70.69	-151.08	3	bowhead whale	53	0	feed	-1	True
960	70.68	-151.08	3	bowhead whale	16	0	feed	-1	True
969	70.62	-151.06	3	bowhead whale	2	0	feed	-1	True
1008	70.73	-150.7	3	bowhead whale	1	0	dive	-1	True
1010	70.76	-150.7	3	bowhead whale	12	0	feed	-1	True
1012	70.79	-150.7	3	bowhead whale	3	0	feed	-1	True
1013	70.8	-150.7	3	bowhead whale	1	0	feed	-1	True
1027	71	-150.7	3	bowhead whale	4	0	feed	-1	True
1033	71	-150.76	3	bowhead whale	3	0	breach	-1	False
1045	70.99	-150.74	3	bowhead whale	1	0	feed	-1	False

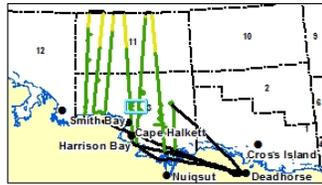
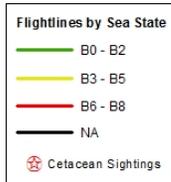


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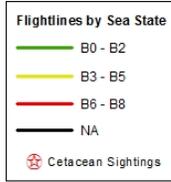
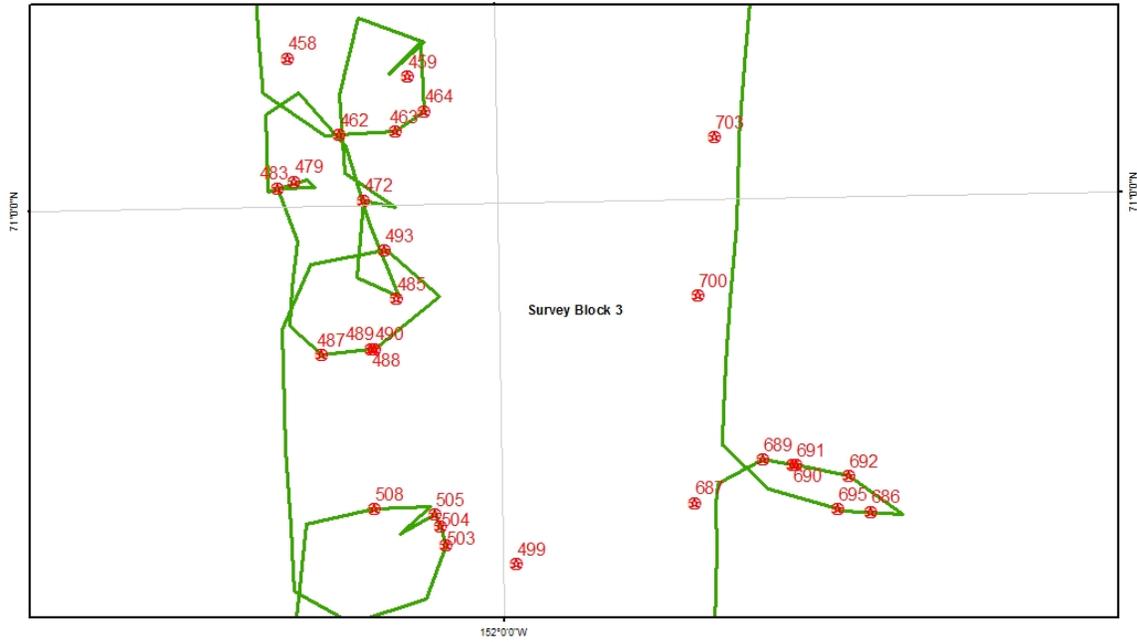
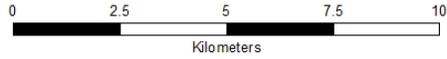


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Flight 22, High Density Cluster 1, 8/26/2016

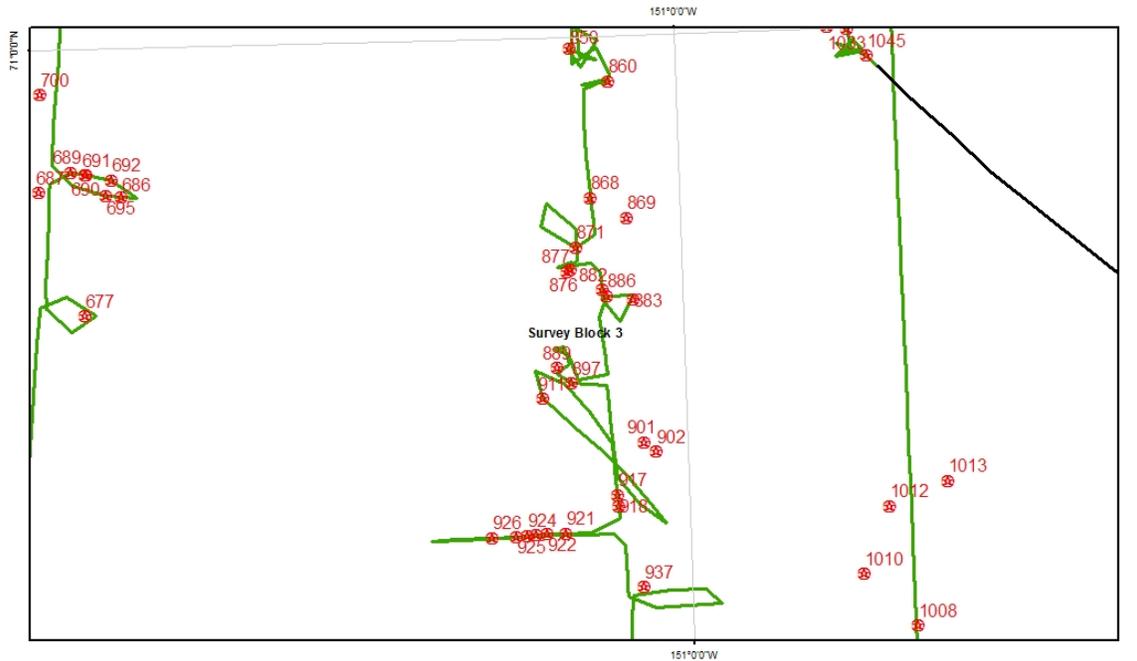
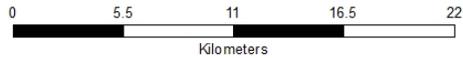




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Flight 22, High Density Cluster 2, 8/26/2016



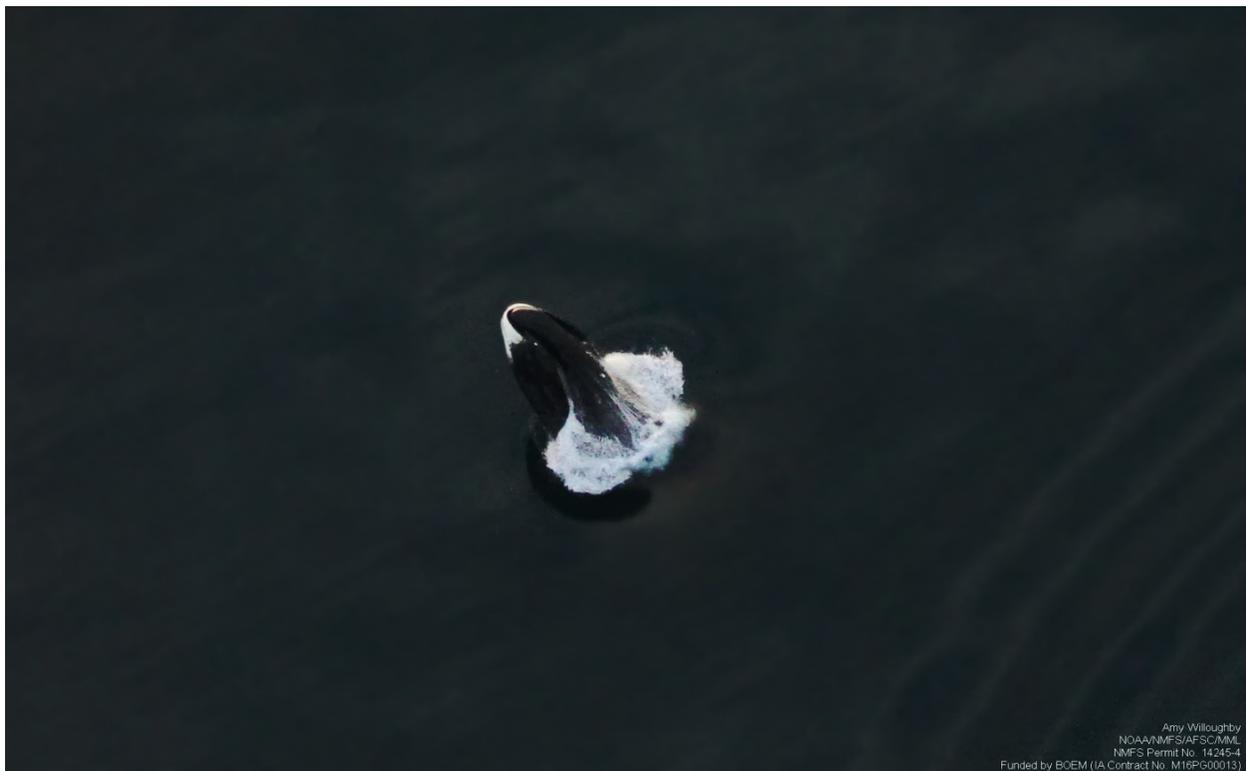
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Flight 22, High Density Cluster 3, 8/26/2016





Lisa Barry
NOAA/NMFS/AFSC/MML
NMFS Permit No. 14245-4
Funded by BOEM (IA Contract No. M16PG00013)

Bowhead whale cow-calf pair sighted ~125 kilometers north of Smith Bay, Alaska (event 154), ASAMM-Beaufort Flight 22, 26 August 2016.



Amy Willoughby
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Funded by BOEM (IA Contract No. M16PG00013)

Breaching bowhead whale sighted ~60 kilometers northeast of Cape Halkett, Alaska (event 1033), ASAMM-Beaufort Flight 22, 26 August 2016.



Amy Wiloughby
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NMFS Permit No. 14925-4
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Not just a pretty sunset photo! Each of the water disturbances in the foreground is a bowhead whale at the surface, part of the very large (understatement) feeding aggregation observed in the northern part of Harrison Bay, Alaska, ASAMM-Beaufort Flight 22, 26 August 2016. The two water disturbances in the distance are surface anomalies, not whales.