ASAMM-Chukchi – Flight 219 – 6 August 2014

Area flown: Transects 11and 14, complete; coastal transect between Icy Cape and Wainwright; search from Pt. Franklin to Barrow
Total hours flown: 5.4
Total transect hours: 3.3
Number of bowheads seen: 0 (0 calves)
Weather and visibility: Skies were overcast to clear. Sea state ranged from Beaufort 1-7. Visibility varied from 0 km to unlimited, with minimal low ceilings and glare. Ice cover ranged from 0-80% broken floe in the area surveyed.
Sightings: Gray whales (including 7 calves), walruses (including 3 carcasses), and small unidentified pinnipeds

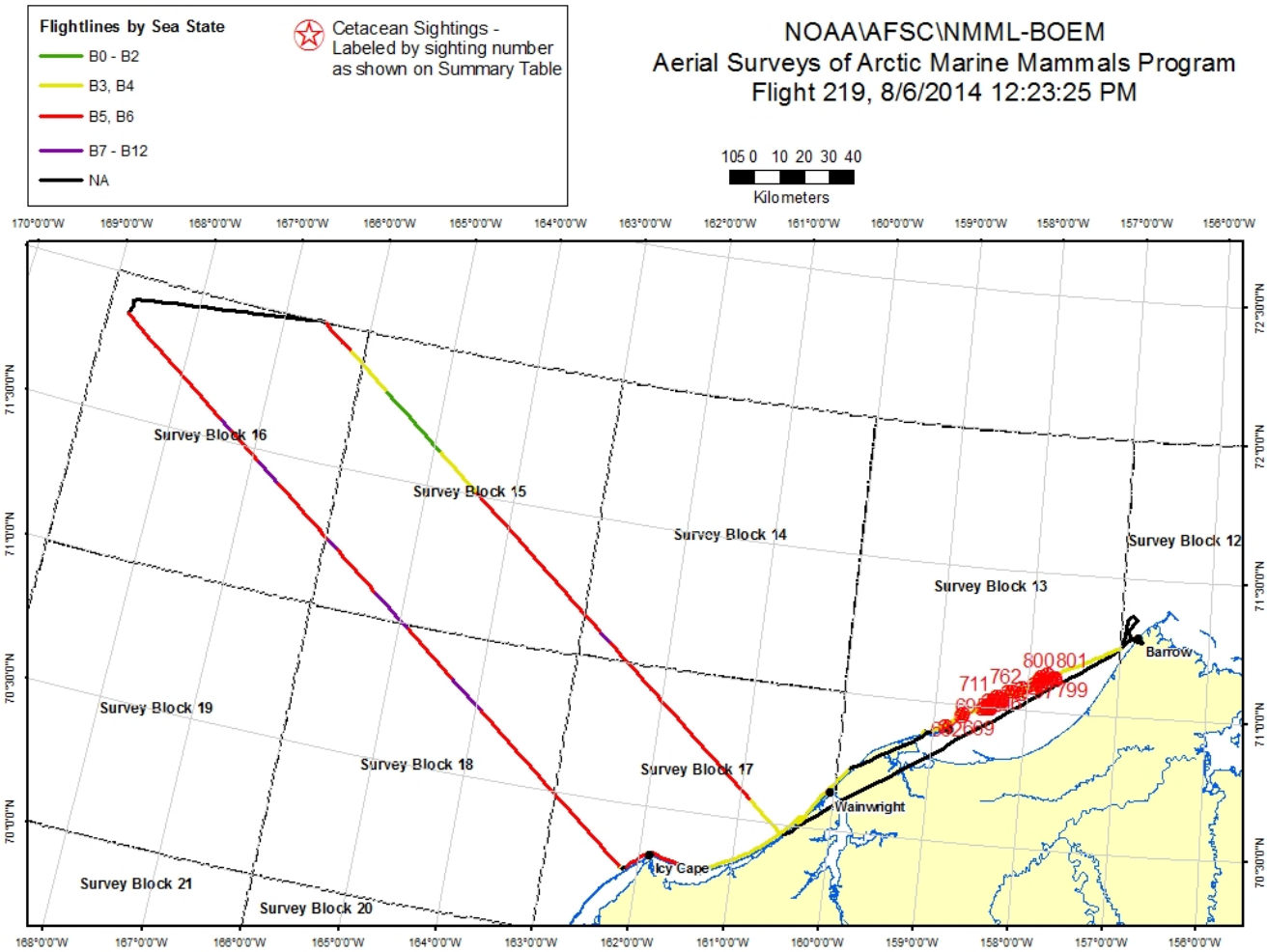
Preliminary Summary, Flight 219 Date: 8/6/2014

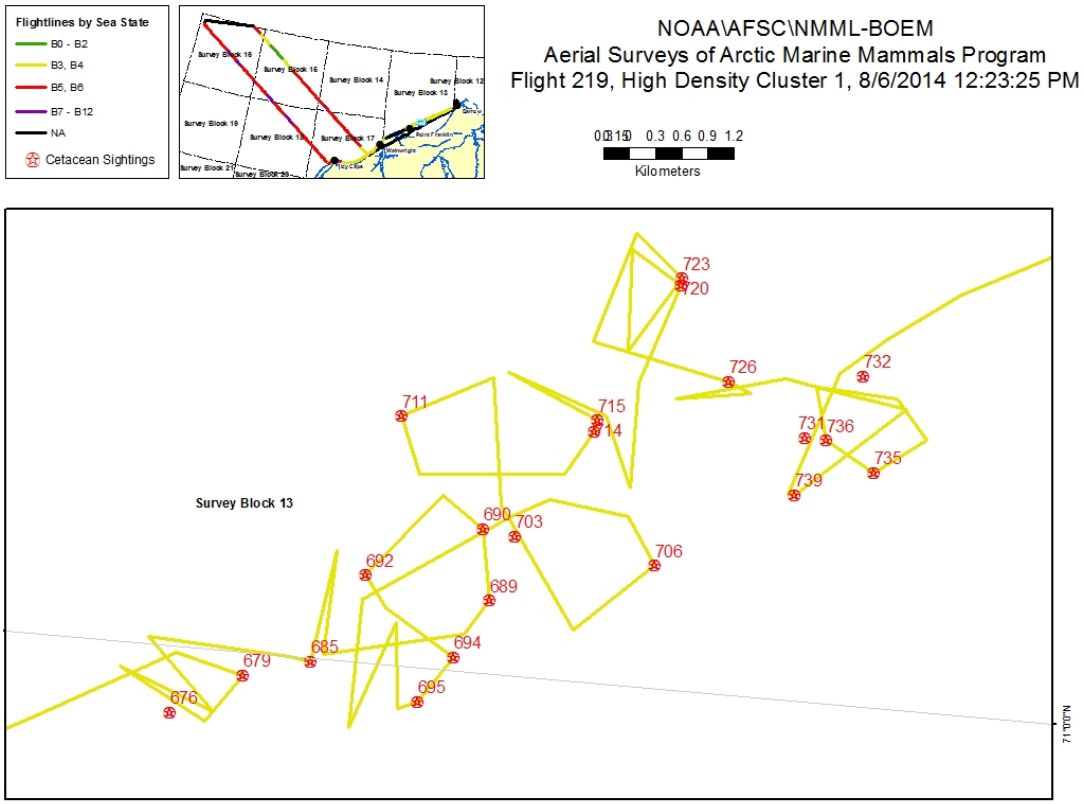
Total bowhead whales: 0	Start time: 8/6/2014 12:26:25 PM	End time: 8/6/2014 5:48:01 PM
Bowhead whale sightings: 0	Transect minutes: 200	Transect km:677.4
Bowhead whales on transect: 0	Circling minutes: 42	Circling km: 19.4
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 242	Trans+Circ km: 696.8
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 22	Search km: 78.1
Bowhead whale repeats: 0	Total minutes: 322	Total km: 1091.5
Possible repeats: 0	Deadhead minutes: 58	Deadhead km: 316.6
Total gray whales: 57	Search blocks: 16, 17, 13	
Total belugas: 0	Transect blocks: 17, 14, 15, 16, 18, 13	
Other whale sightings: 0		
Total walrus: 4		
Total polar bears: 0		

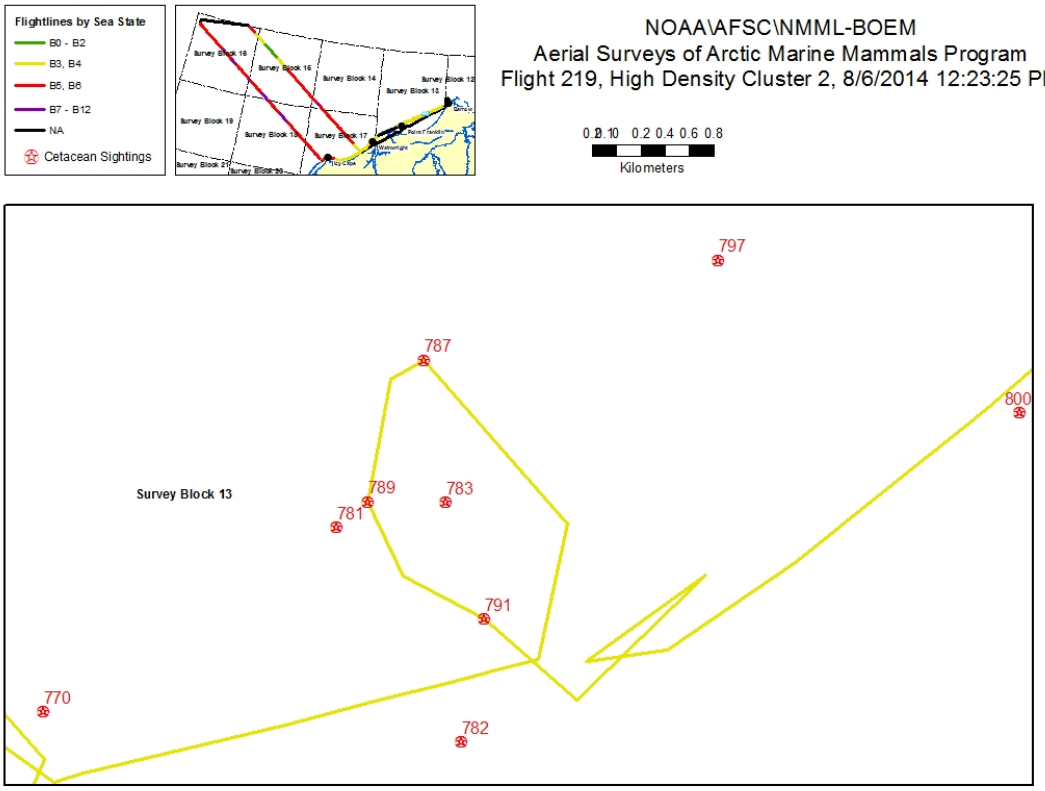
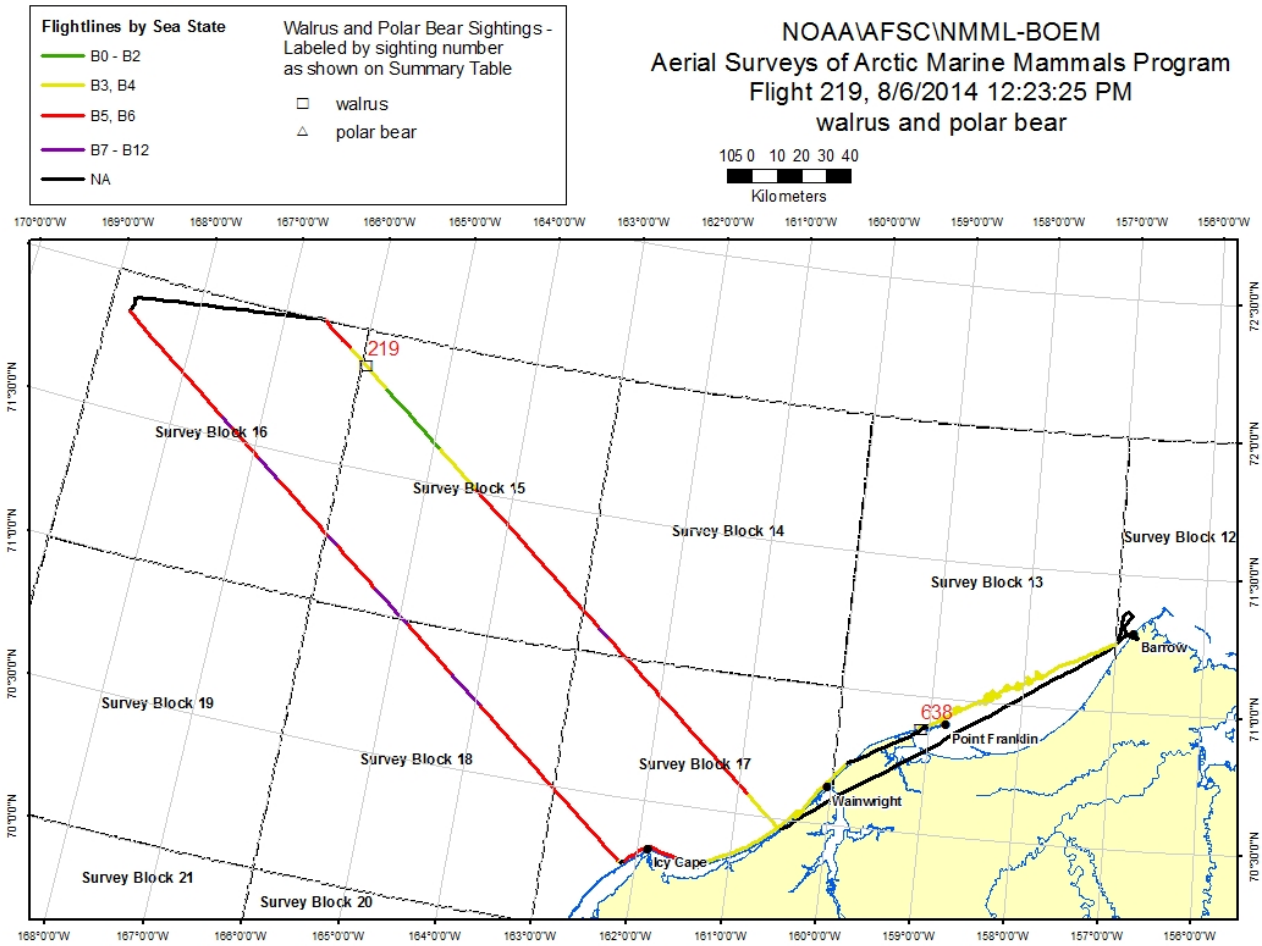
Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
645	70.92	-158.86	13	gray whale	1	0	rest	-1	False
659	70.96	-158.69	13	gray whale	4	1	mill	-1	False
662	70.97	-158.68	13	gray whale	1	0	swim	-1	False
669	70.96	-158.69	13	gray whale	2	1	swim	74	False
676	71	-158.48	13	gray whale	1	0	feed	-1	False
679	71	-158.45	13	gray whale	1	0	feed	-1	False
685	71	-158.43	13	gray whale	2	1	feed	-1	False
689	71.01	-158.37	13	gray whale	1	0	feed	-1	False
690	71.01	-158.38	13	gray whale	2	1	feed	-1	False
692	71.01	-158.41	13	gray whale	1	0	feed	-1	False
694	71	-158.38	13	gray whale	2	1	feed	-1	False
695	71	-158.39	13	gray whale	1	0	feed	-1	False
703	71.02	-158.37	13	gray whale	1	0	feed	-1	False
706	71.01	-158.32	13	gray whale	1	0	feed	-1	False
711	71.03	-158.41	13	gray whale	2	0	feed	-1	False
714	71.03	-158.35	13	gray whale	1	0	feed	-1	False
715	71.03	-158.34	13	gray whale	1	0	feed	-1	False
720	71.04	-158.32	13	gray whale	2	0	feed	-1	False
723	71.04	-158.32	13	gray whale	2	1	feed	-1	False
726	71.03	-158.3	13	gray whale	1	0	feed	-1	False
731	71.03	-158.28	13	gray whale	2	0	feed	-1	False
732	71.03	-158.26	13	gray whale	2	0	feed	-1	False
735	71.02	-158.26	13	gray whale	1	0	feed	-1	False
736	71.03	-158.27	13	gray whale	1	0	feed	-1	False

739	71.02	-158.28	13	gray whale	2	0	feed	-1	False
745	71.05	-158.18	13	gray whale	1	0	feed	-1	False
746	71.06	-158.15	13	gray whale	1	0	feed	-1	False
756	71.07	-158.04	13	gray whale	2	1	feed	-1	False
762	71.06	-158.06	13	gray whale	1	0	feed	-1	False
769	71.09	-157.93	13	gray whale	1	0	feed	-1	False
770	71.09	-157.92	13	gray whale	1	0	feed	-1	False
781	71.1	-157.85	13	gray whale	1	0	feed	-1	False
782	71.1	-157.84	13	gray whale	1	0	feed	-1	False
783	71.1	-157.83	13	gray whale	1	0	swim	101	False
787	71.13	-157.85	13	gray whale	2	0	swim	-1	False
789	71.12	-157.86	13	gray whale	1	0	swim	-1	False
791	71.11	-157.83	13	gray whale	1	0	swim	-1	False
797	71.12	-157.74	13	gray whale	1	0	swim	-1	False
799	71.13	-157.72	13	gray whale	2	0	swim	316	False
800	71.13	-157.72	13	gray whale	1	0	feed	-1	False
801	71.13	-157.71	13	gray whale	1	0	feed	-1	False




Flightlines by Sea State
B0 - B2
B3, B4
B5, B6
B7 - B12
NA
Cetacean Sightings
NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 219, High Density Cluster 1, 8/6/2014 12:23:25 PM
0.3 0.6 0.9 1.2
Kilometers
Survey Block 13
723
720
726
732
711
715
714
731
736
735
739
690
703
706
692
689
685
694
679
695
676


Flightlines by Sea State
B0 - B2
B3, B4
B5, B6
B7 - B12
NA
Cetacean Sightings
NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 219, High Density Cluster 2, 8/6/2014 12:23:25 PM
0.2 0.4 0.6 0.8
Kilometers
Survey Block 13
797
787
800
789
783
781
791
770
782

Walrus and Polar Bear Sightings: