ASAMM-Chukchi – Flight 236 – 21 September 2014

Area flown: Transects 2, 4, 6, 8, & 12, complete; transect 10, partial.
Total hours flown: 9.0 (2 flights)
Total transect hours: 5.1
Number of bowheads seen: 58 (0 calves)
Weather and visibility: Skies were overcast to partly cloudy. Sea state ranged from Beaufort 2-6. Visibility varied from <1 to 10 km, with fog, haze, glare, precipitation and low ceilings. There was no sea ice in the area surveyed.
Sightings: Bowhead whales, gray whales, belugas (including 2 calves and one dead beluga), walruses, and small unidentified pinnipeds.

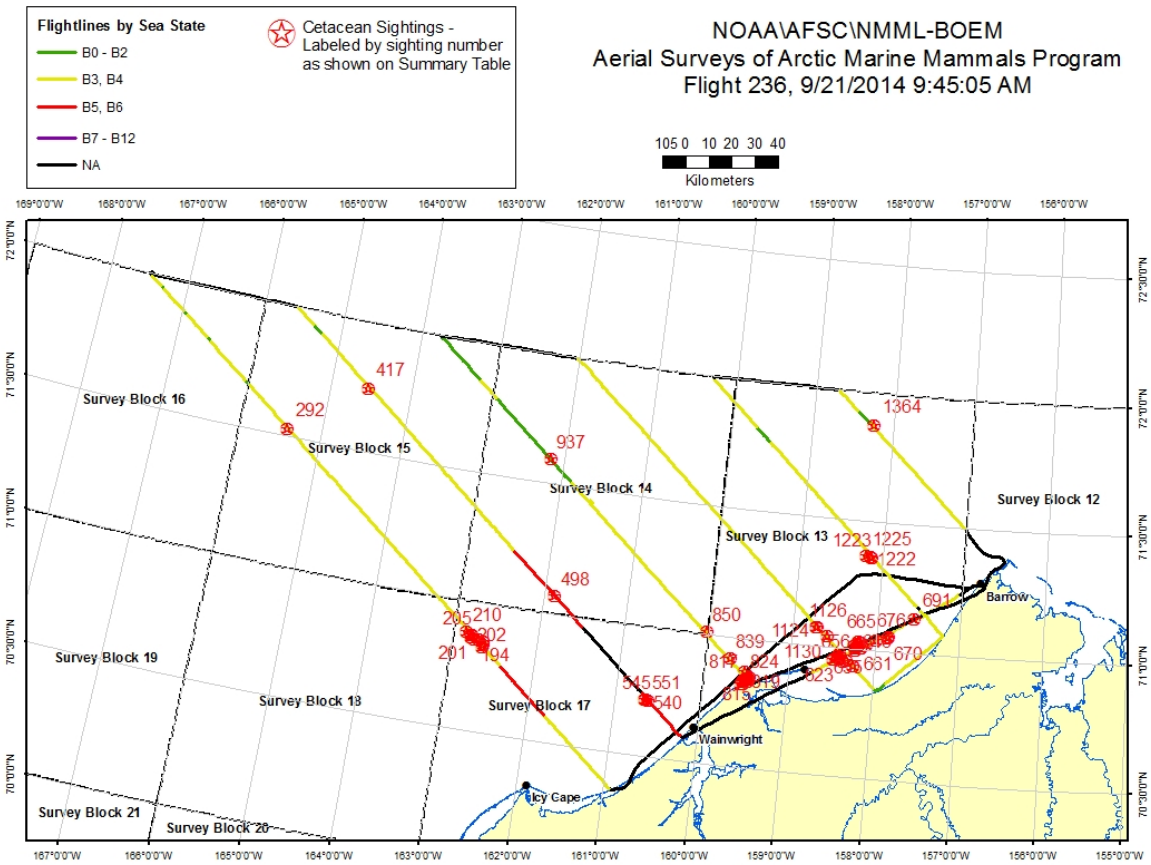
Preliminary Summary, Flight 236 Date: 9/21/2014

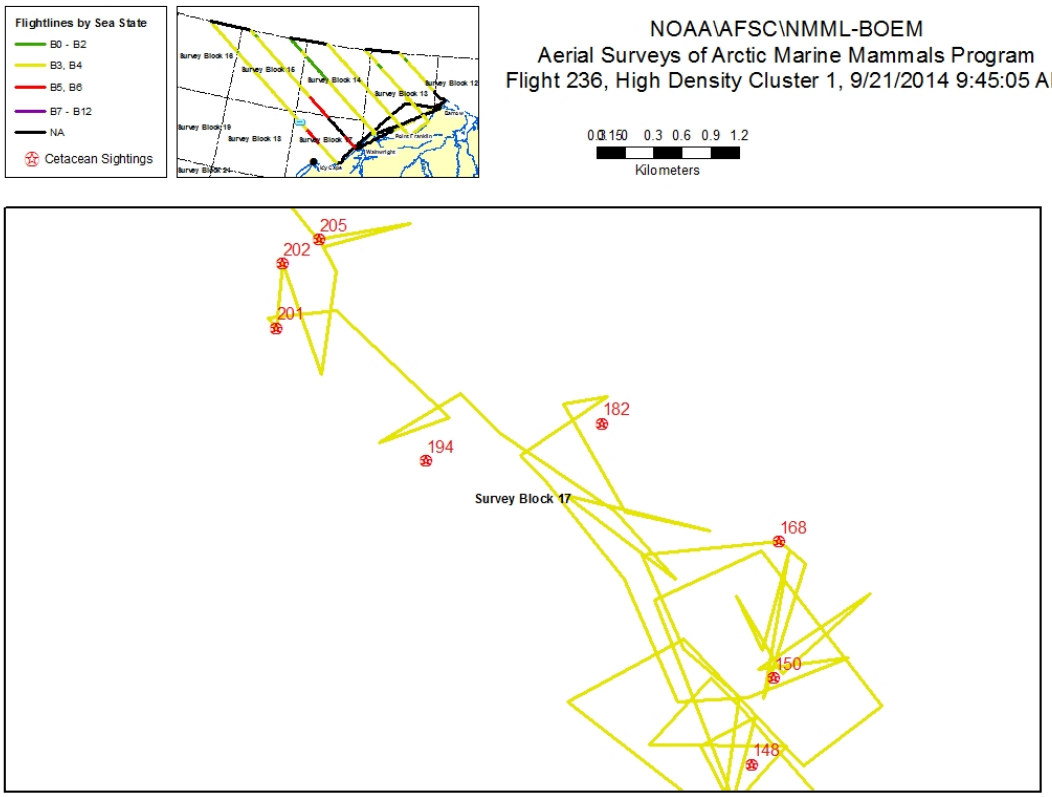
Total bowhead whales: 58	Start time: 9/21/2014 9:59:24 AM	End time: 9/21/2014 7:58:00 PM
Bowhead whale sightings: 41	Transect minutes: 305	Transect km:1124.5
Bowhead whales on transect: 24	Circling minutes: 69	Circling km: 143.2
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 374	Trans+Circ km: 1267.7
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 32	Search km: 101.4
Bowhead whale repeats: 0	Total minutes: 539	Total km: 2013.6
Possible repeats: 2	Deadhead minutes: 133	Deadhead km: 644.5
Total gray whales: 14	Search blocks: 16, 15, 17, 13, 14	
Total belugas: 33	Transect blocks: 17, 15, 14, 16, 13	
Other whale sightings: 0		
Total walrus: 36		
Total polar bears: 0		

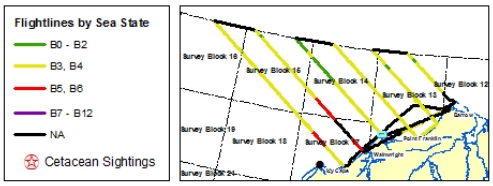
Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
148	70.83	-162.62	17	bowhead whale	1	0	mill	-1	True
150	70.84	-162.63	17	bowhead whale	1	0	rest	-1	True
168	70.85	-162.63	17	bowhead whale	2	0	mill	-1	False
182	70.86	-162.7	17	bowhead whale	1	0	rest	-1	True
194	70.86	-162.72	17	bowhead whale	1	0	swim	127	True
201	70.87	-162.78	17	bowhead whale	1	0	unknown	-1	False
202	70.87	-162.78	17	bowhead whale	1	0	dive	-1	False
205	70.87	-162.77	17	bowhead whale	1	0	swim	-1	False
210	70.89	-162.83	17	bowhead whale	1	0	swim	191	True
292	71.53	-165.4	15	beluga	2	0	swim	218	True
417	71.75	-164.52	15	beluga	2	0	swim	338	True
498	71.07	-161.87	14	bowhead whale	1	0	swim	253	True
540	70.72	-160.61	17	bowhead whale	2	0	rest	-1	True
545	70.72	-160.65	17	bowhead whale	1	0	rest	-1	False
551	70.72	-160.63	17	bowhead whale	1	0	unknown	-1	False
606	70.95	-158.46	13	bowhead whale	1	0	swim	145	False
609	70.96	-158.49	13	bowhead whale	3	0	mill	-1	False
612	70.96	-158.42	13	beluga	1	0	swim	-1	False
613	70.96	-158.42	13	bowhead whale	1	0	unknown	-1	False
618	70.98	-158.42	13	bowhead whale	2	0	swim	-1	False
621	70.97	-158.44	13	beluga	1	0	swim	-1	False
623	70.97	-158.39	13	beluga	2	0	swim	-1	False
625	70.95	-158.37	13	bowhead whale	3	0	swim	-1	False
628	70.95	-158.33	13	bowhead whale	1	0	unknown	-1	False
636	71	-158.23	13	bowhead whale	2	0	swim	237	False
639	71.01	-158.22	13	gray whale	1	0	feed	-1	False
643	70.99	-158.23	13	bowhead whale	1	0	swim	-1	False
646	71.01	-158.25	13	gray whale	1	0	feed	-1	False
648	71.02	-158.22	13	gray whale	1	0	feed	-1	False

650	71.03	-158.21	13	gray whale	2	0	feed	-1	False
652	71.03	-158.18	13	gray whale	3	0	feed	-1	False
655	71.01	-158.17	13	gray whale	1	0	feed	-1	False
656	71.01	-158.17	13	gray whale	1	0	feed	-1	False
661	71.02	-158.1	13	gray whale	1	0	feed	-1	False
665	71.04	-157.99	13	gray whale	1	0	feed	-1	False
670	71.07	-157.88	13	bowhead whale	2	0	swim	-1	False
676	71.06	-157.85	13	bowhead whale	1	0	rest	-1	False
691	71.13	-157.56	13	gray whale	1	0	swim	242	False
785	70.84	-159.46	13	bowhead whale	4	0	feed	-1	True
786	70.84	-159.46	13	beluga	3	0	swim	39	True
791	70.84	-159.53	13	beluga	1	0	swim	-1	False
793	70.84	-159.5	13	bowhead whale	1	0	swim	-1	False
795	70.83	-159.53	13	bowhead whale	1	0	swim	-1	False
796	70.83	-159.52	13	beluga	2	0	swim	-1	False
798	70.82	-159.55	13	beluga	8	1	swim	-1	False
808	70.85	-159.46	13	bowhead whale	6	0	swim	-1	False
810	70.84	-159.47	13	gray whale	1	0	swim	-1	False
813	70.84	-159.48	13	beluga	5	2	mill	-1	False
815	70.85	-159.45	13	bowhead whale	1	0	swim	-1	False
817	70.84	-159.47	13	beluga	5	0	swim	-1	False
819	70.85	-159.49	13	bowhead whale	1	0	swim	-1	False
824	70.86	-159.54	13	bowhead whale	1	0	swim	223	True
839	70.91	-159.71	13	bowhead whale	1	0	swim	224	True
850	71.01	-160.03	14	bowhead whale	1	0	swim	135	True
937	71.59	-162.17	14	bowhead whale	1	0	rest	-1	True
1124	71.08	-158.71	13	bowhead whale	1	0	swim	130	True
1126	71.08	-158.71	13	bowhead whale	1	0	swim	250	True
1130	71.04	-158.59	13	bowhead whale	1	0	rest	-1	True
1144	70.94	-158.24	13	bowhead whale	1	0	swim	44	True
1145	70.94	-158.24	13	bowhead whale	1	0	swim	314	True
1222	71.36	-158.12	13	bowhead whale	1	0	swim	312	True
1223	71.37	-158.14	13	bowhead whale	1	0	swim	166	True
1225	71.38	-158.16	13	bowhead whale	1	0	swim	284	True
1364	71.87	-158.25	13	beluga	1	0	dead	-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 236, 9/21/2014 9:45:05 AM
Kilometers
Survey Block 16
Survey Block 15
Survey Block 14
Survey Block 13
Survey Block 12
Survey Block 19
Survey Block 18
Survey Block 17
Survey Block 21
Survey Block 20
Barrow
Wainwright
Icy Cape


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 236, High Density Cluster 1, 9/21/2014 9:45:05 AM
Kilometers
Survey Block 17



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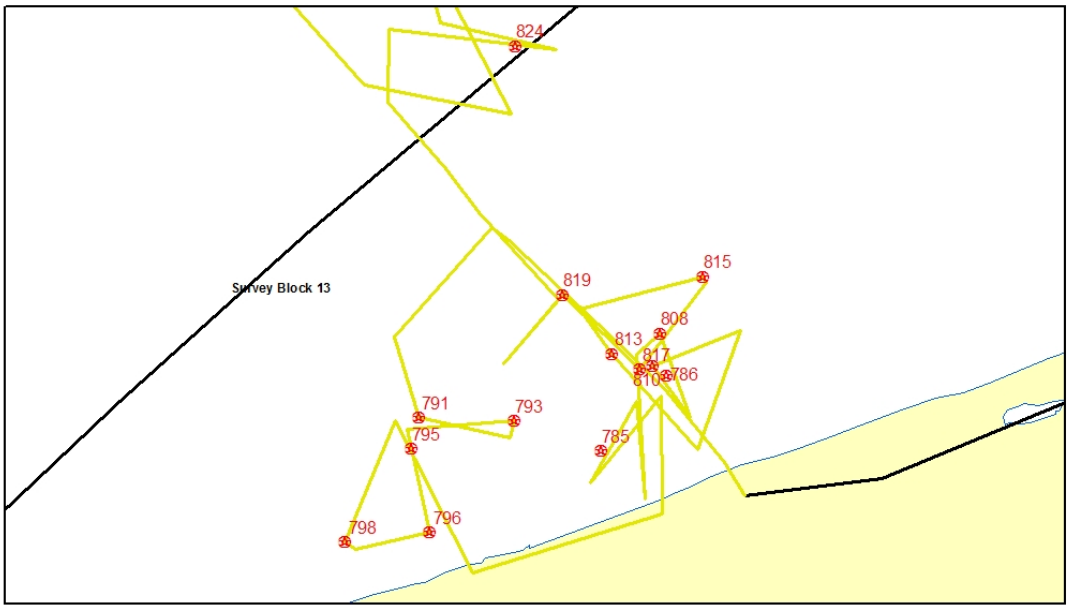

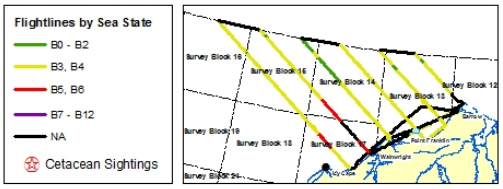

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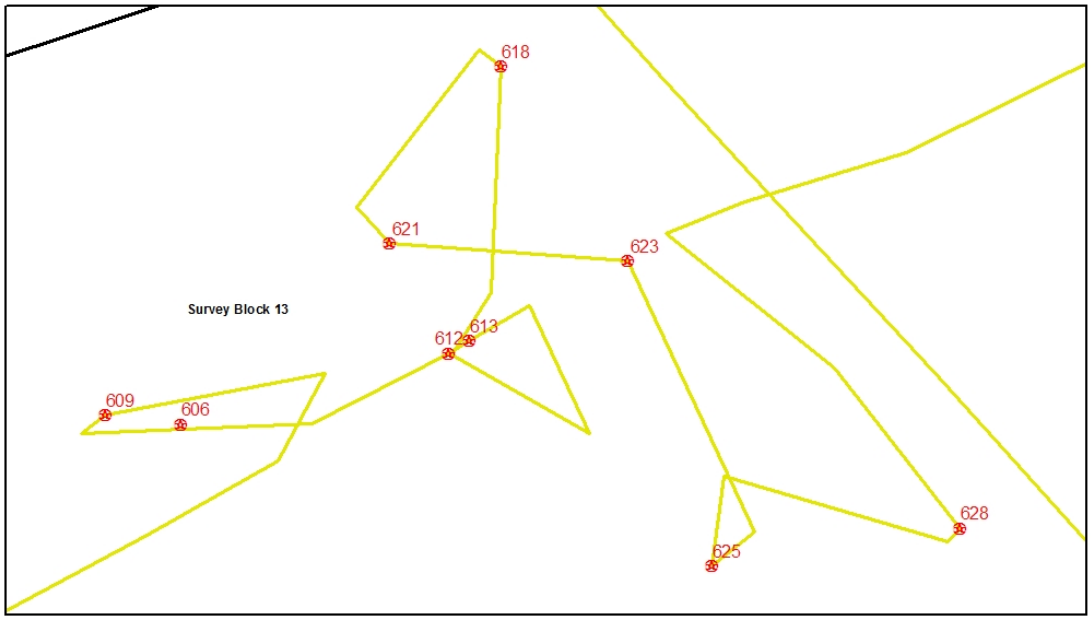
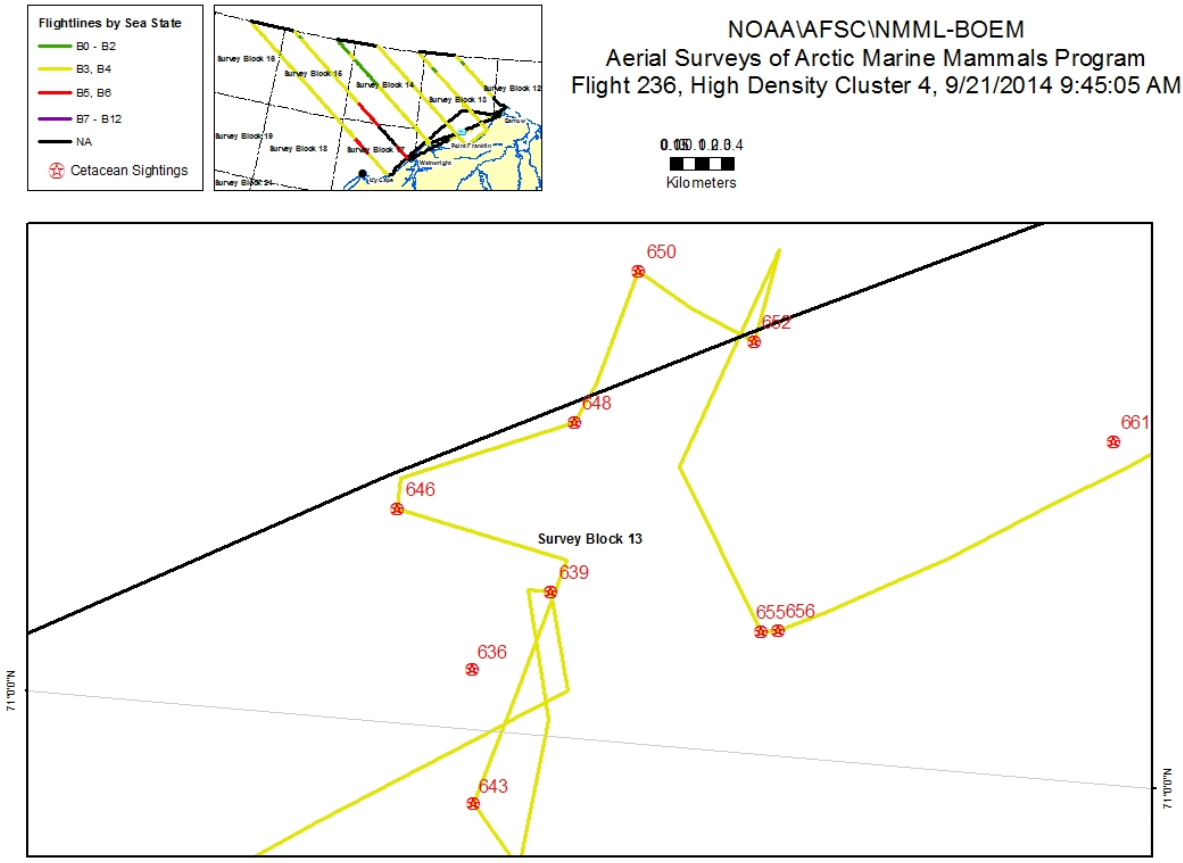
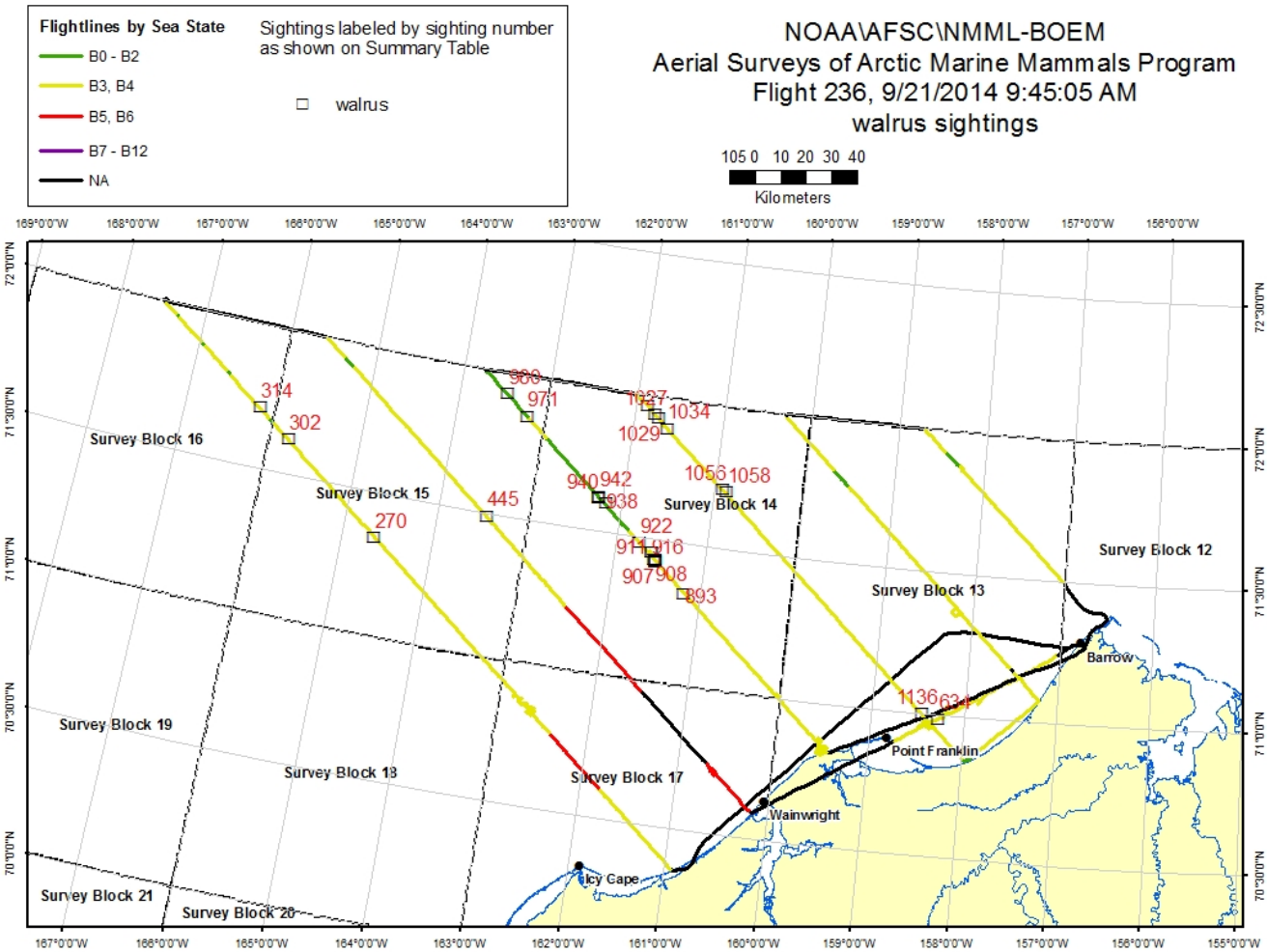
Aerial Surveys of Arctic Marine Mammals Program
Flight 236, High Density Cluster 3, 9/21/2014 9:45:05 AM





Bowhead whale sighted approximately 70 km offshore of Icy Cape (event 201) during ASAMM-Chukchi Flight 236, 21 September 2014.

Bowhead whale observed feeding off Pt. Franklin (event 785) during ASAMM-Chukchi Flight 236, 21 September 2014.

Walrus Sightings: