ASAMM-Chukchi – Flight 246 – 7 October 2014

Area flown: Transects 4, 6, 8 and 10, complete.
Total hours flown: 5.2
Total transect hours: 3.7
Number of bowheads seen: 9 (1 calf)
Weather and visibility: Skies varied from clear to overcast. Sea state ranged from Beaufort 2-4. Visibility varied from 0 to 10 km, with fog, glare, low ceilings, and precipitation. There was no sea ice in the area surveyed.
Sightings: Bowhead whales, belugas (including two calves), one gray whale, small unidentified pinnipeds, unidentified pinnipeds, and walruses.

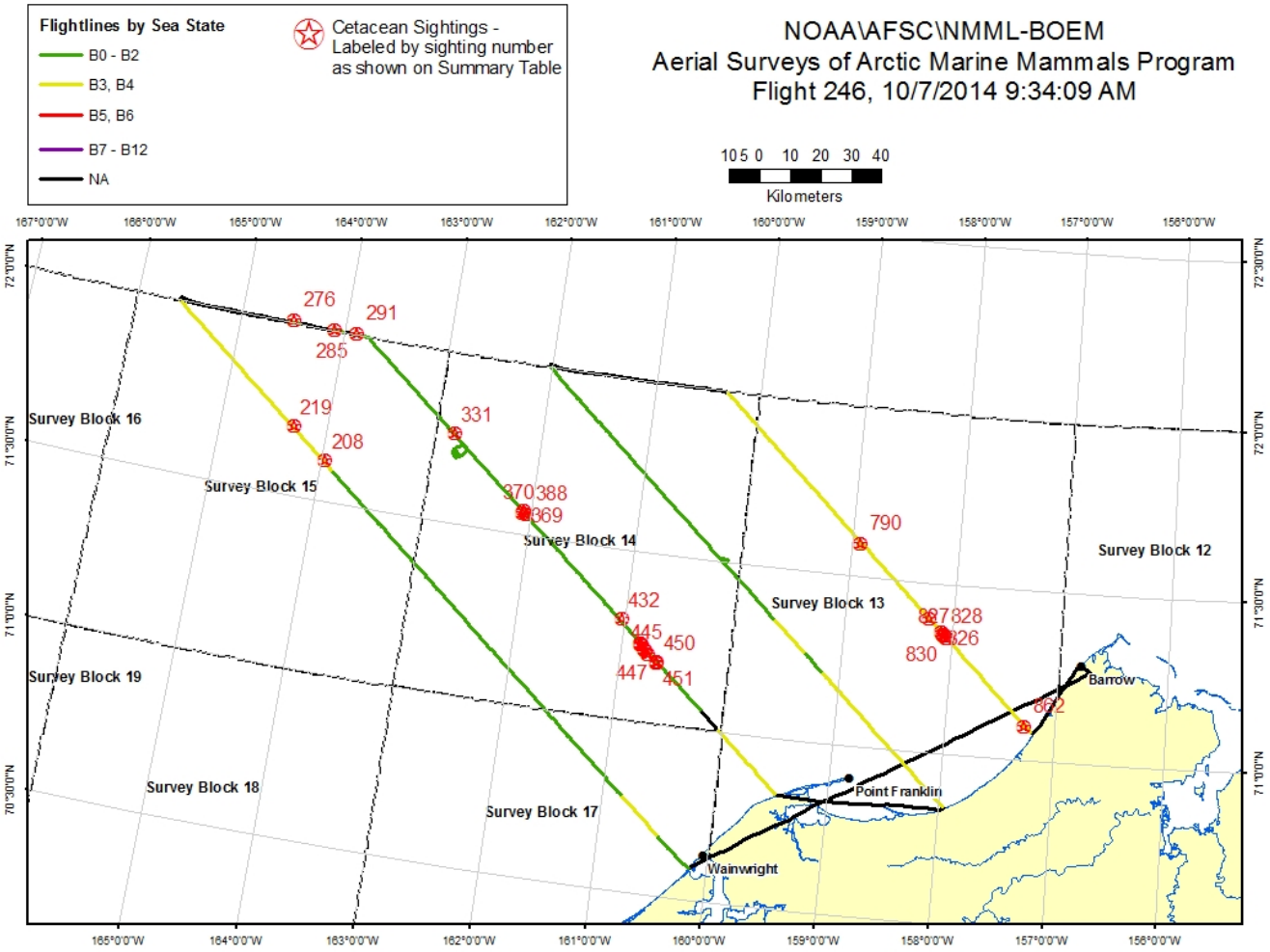
Preliminary Summary, Flight 246 Date: 10/7/2014

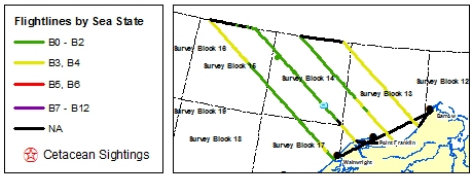
Total bowhead whales: 9	Start time: 10/7/2014 9:43:05 AM	End time: 10/7/2014 2:52:51 PM
Bowhead whale sightings: 7	Transect minutes: 220	Transect km:783.6
Bowhead whales on transect: 5	Circling minutes: 18	Circling km: 56.8
Bowhead whale cow-calf pairs: 1	Trans+Circ minutes: 238	Trans+Circ km: 840.4
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 2	Search km: 16.1
Bowhead whale repeats: 0	Total minutes: 309	Total km: 1207
Possible repeats: 0	Deadhead minutes: 69	Deadhead km: 350.5
Total gray whales: 1	Search blocks: 0, 15, 14, 13	
Total belugas: 47	Transect blocks: 17, 14, 15, 13	
Other whale sightings: 0		
Total walrus: 12		
Total polar bears: 0		

Cetacean Sightings:

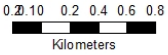
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
208	71.62	-163.98	15	beluga	1	0	swim	279	True
219	71.7	-164.32	15	beluga	1	0	swim	278	True
276	72	-164.49	0	bowhead whale	1	0	swim	241	False
285	72	-164.1	0	bowhead whale	1	0	rest	-1	False
291	72	-163.88	0	bowhead whale	1	0	swim	94	False
331	71.76	-162.82	14	beluga	1	0	swim	-1	True
369	71.57	-162.07	14	beluga	2	0	swim	310	True
370	71.57	-162.06	14	bowhead whale	1	0	swim	-1	True
388	71.56	-162.04	14	bowhead whale	1	0	rest	-1	False
432	71.29	-161.04	14	beluga	4	0	swim	282	True
440	71.23	-160.83	14	beluga	2	0	swim	310	True
441	71.23	-160.82	14	beluga	3	1	swim	310	True
442	71.23	-160.82	14	beluga	3	1	swim	-1	True
444	71.22	-160.78	14	beluga	2	0	swim	313	True
445	71.22	-160.77	14	beluga	2	0	swim	312	True
447	71.21	-160.74	14	beluga	1	0	swim	252	True
450	71.19	-160.66	14	beluga	2	0	swim	310	True
451	71.18	-160.65	14	beluga	1	0	swim	338	True
790	71.6	-158.91	13	bowhead whale	2	1	swim	312	True
819	71.4	-158.22	13	bowhead whale	2	0	swim	250	True
826	71.36	-158.1	13	beluga	3	0	swim	256	True
827	71.35	-158.08	13	beluga	2	0	swim	254	True
828	71.35	-158.08	13	beluga	6	0	swim	-1	True

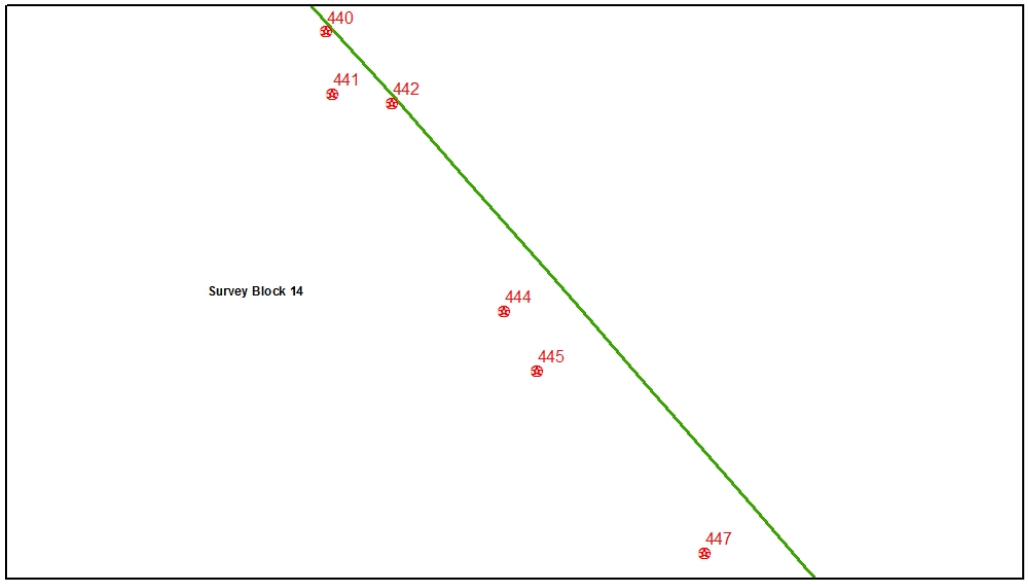
830	71.35	-158.07	13	beluga	3	0	swim	252	True
831	71.34	-158.04	13	beluga	1	0	dive	-1	True
833	71.34	-158.04	13	beluga	7	0	swim	254	True
862	71.1	-157.27	13	gray whale	1	0	swim	224	True

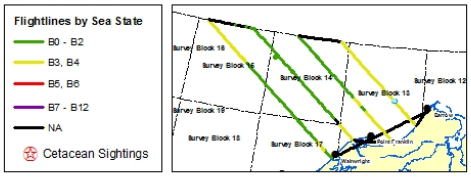




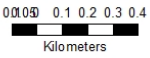
NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 246, High Density Cluster 1, 10/7/2014 9:34:09 AM

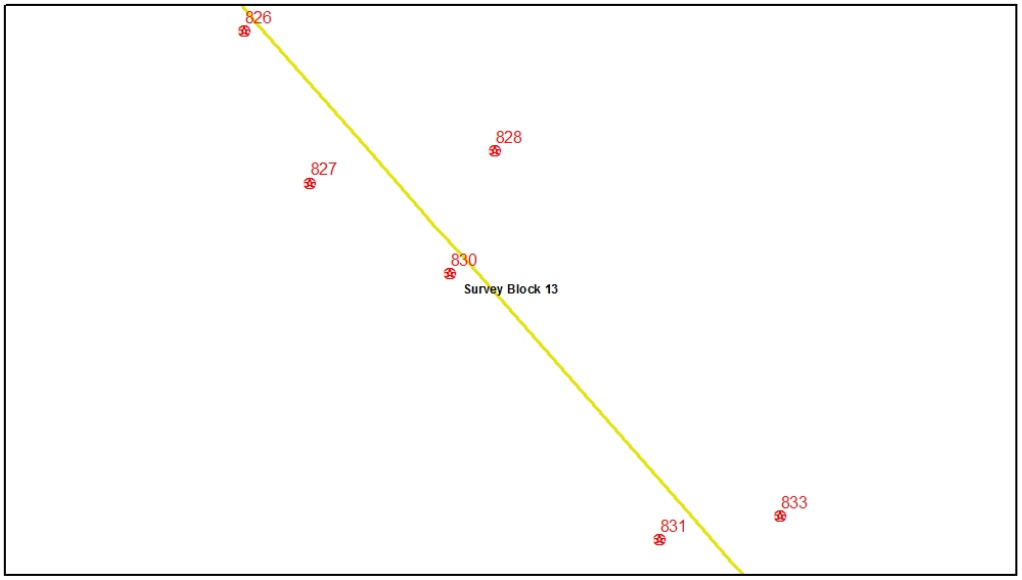
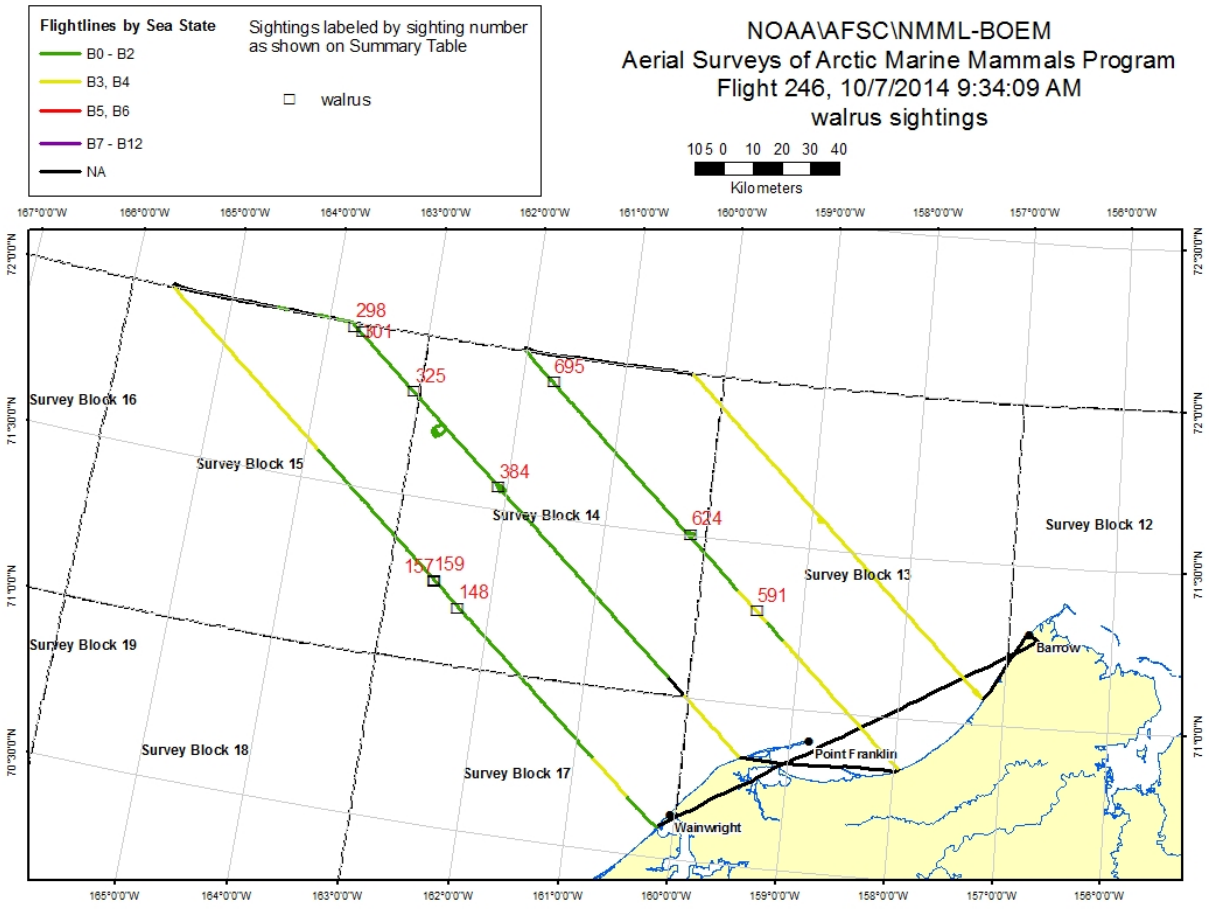






NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 246, High Density Cluster 2, 10/7/2014 9:34:09 AM





Walrus Sightings: