ASAMM-Chukchi – Flight 245 – 6 October 2014

Area flown: Transects 11 and 13, complete; coastal transect from southwest of Wainwright to Point Barrow
Total hours flown: 4.8
Total transect hours: 3.6
Number of bowheads seen: 5 (0 calves)
Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2-5. Visibility varied from 0 to 10 km, with glare, low ceilings, precipitation, and ice on the windows. There was no sea ice in the area surveyed.
Sightings: Bowhead whales, belugas (including 5 calves), one dead gray whale (resight of carcass near Barrow), walruses (including one carcass), small unidentified pinnipeds, and unidentified pinnipeds.

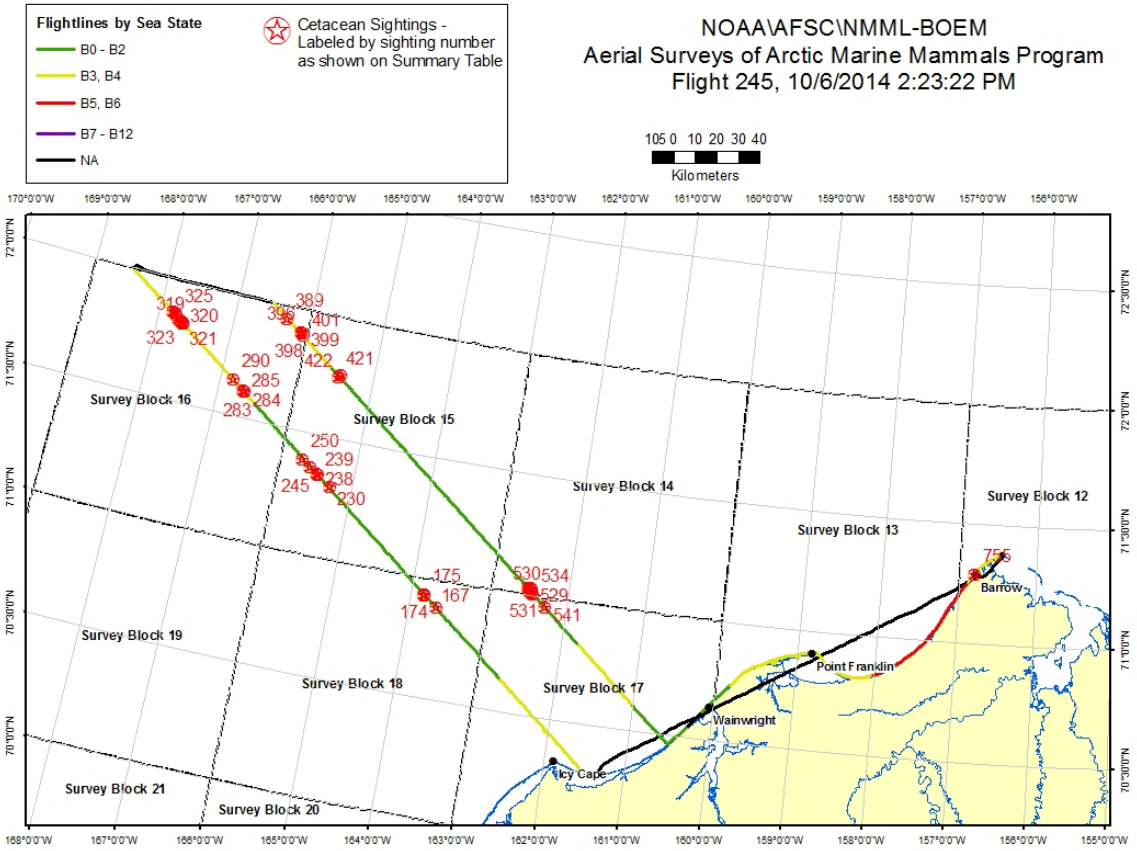
Preliminary Summary, Flight 245 Date: 10/6/2014

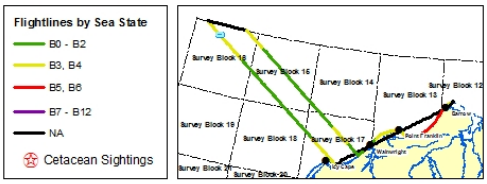
Total bowhead whales: 5	Start time: 10/6/2014 2:27:16 PM	End time: 10/6/2014 7:15:22 PM
Bowhead whale sightings: 5	Transect minutes: 216	Transect km:782
Bowhead whales on transect: 5	Circling minutes: 12	Circling km: 29
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 228	Trans+Circ km: 811
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 0	Search km: 1.1
Bowhead whale repeats: 0	Total minutes: 288	Total km: 1115.4
Possible repeats: 0	Deadhead minutes: 60	Deadhead km: 303.3
Total gray whales: 1	Search blocks: 16, 17, 12	
Total belugas: 46	Transect blocks: 17, 18, 15, 16, 14, 13, 12	
Other whale sightings: 0		
Total walrus: 11		
Total polar bears: 0		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
167	70.88	-163.64	18	bowhead whale	1	0	swim	226	True
174	70.93	-163.81	18	bowhead whale	1	0	swim	-1	True
175	70.93	-163.82	18	beluga	1	0	swim	-1	True
230	71.29	-165.29	15	beluga	2	1	swim	6	True
238	71.34	-165.47	15	beluga	2	1	swim	36	True
239	71.34	-165.48	15	beluga	1	0	swim	2	True
245	71.36	-165.58	15	beluga	2	1	swim	279	True
250	71.39	-165.7	15	beluga	2	0	swim	66	True
283	71.61	-166.65	16	beluga	1	0	swim	307	True
284	71.61	-166.65	16	beluga	1	0	swim	247	True
285	71.61	-166.66	16	beluga	2	1	swim	306	True
290	71.65	-166.83	16	beluga	1	0	swim	243	True
316	71.83	-167.64	16	beluga	1	0	swim	304	True
317	71.83	-167.65	16	bowhead whale	1	0	swim	213	True
319	71.83	-167.66	16	beluga	1	0	swim	333	True
320	71.83	-167.67	16	beluga	2	0	swim	-1	True
321	71.83	-167.68	16	beluga	2	0	swim	34	True
323	71.84	-167.72	16	beluga	1	0	tail slap	157	True
325	71.85	-167.76	16	beluga	1	0	swim	216	True
327	71.86	-167.8	16	beluga	2	0	swim	213	True
328	71.86	-167.82	16	beluga	5	0	swim	183	True
389	71.95	-166.29	16	beluga	1	0	rest	-1	True
396	71.9	-166.09	16	beluga	1	0	swim	216	True
398	71.9	-166.07	16	beluga	1	0	swim	216	True
399	71.9	-166.06	16	beluga	1	0	swim	306	True
401	71.89	-166.04	16	beluga	1	0	swim	305	True

421	71.76	-165.46	15	bowhead whale	1	0	rest	-1	True
422	71.76	-165.45	15	bowhead whale	1	0	mill	-1	True
524	71.03	-162.53	14	beluga	2	0	swim	219	True
525	71.02	-162.51	14	beluga	1	0	swim	219	True
526	71.02	-162.51	14	beluga	1	0	rest	219	True
527	71.02	-162.5	14	beluga	1	0	swim	217	True
529	71.02	-162.49	14	beluga	1	0	swim	217	True
530	71.01	-162.47	14	beluga	1	0	swim	131	True
531	71.01	-162.47	14	beluga	2	1	swim	131	True
534	71.01	-162.44	14	beluga	1	0	swim	221	True
541	70.96	-162.27	17	beluga	1	0	swim	221	True
755	71.29	-156.81	12	gray whale	1	0	dead	-1	True





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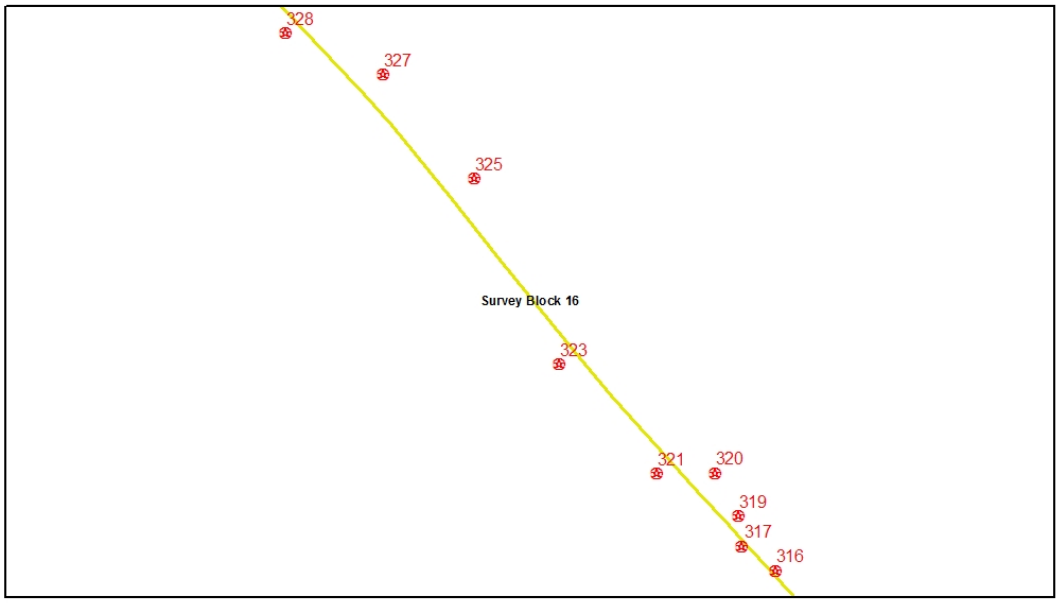
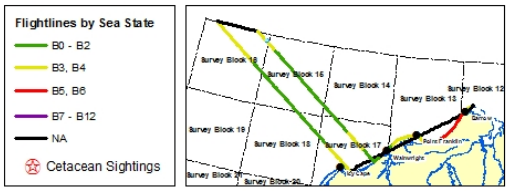
Aerial Surveys of Arctic Marine Mammals Program
Flight 245, High Density Cluster 1, 10/6/2014 2:23:22 PM

0 0.15 0.3 0.6 0.9 1.2
Kilometers





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Aerial Surveys of Arctic Marine Mammals Program
Flight 245, High Density Cluster 2, 10/6/2014 2:23:22 PM

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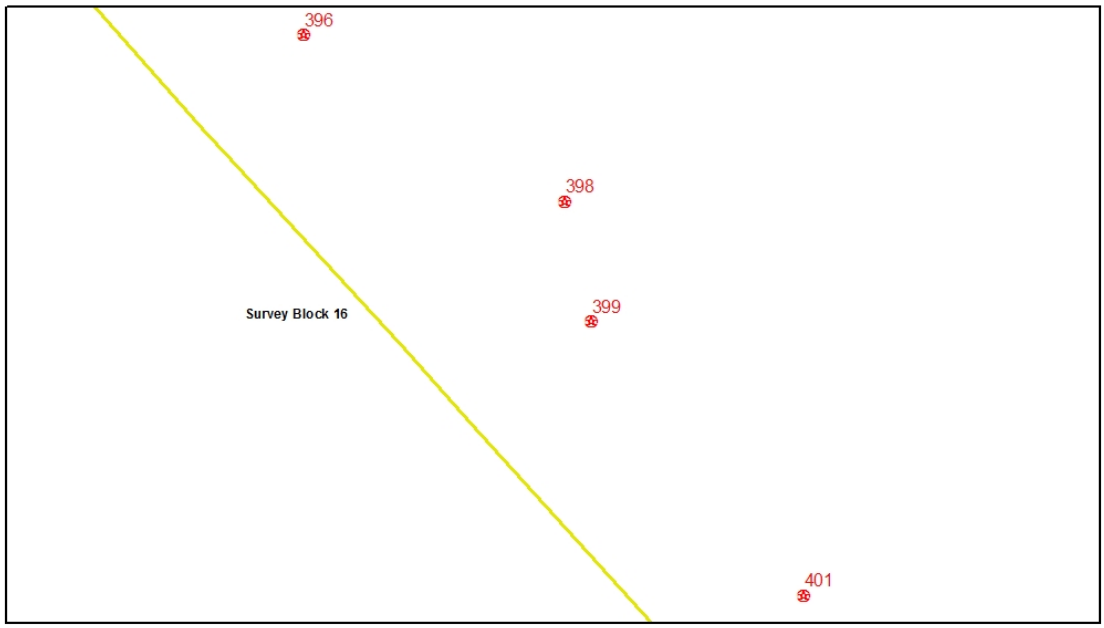
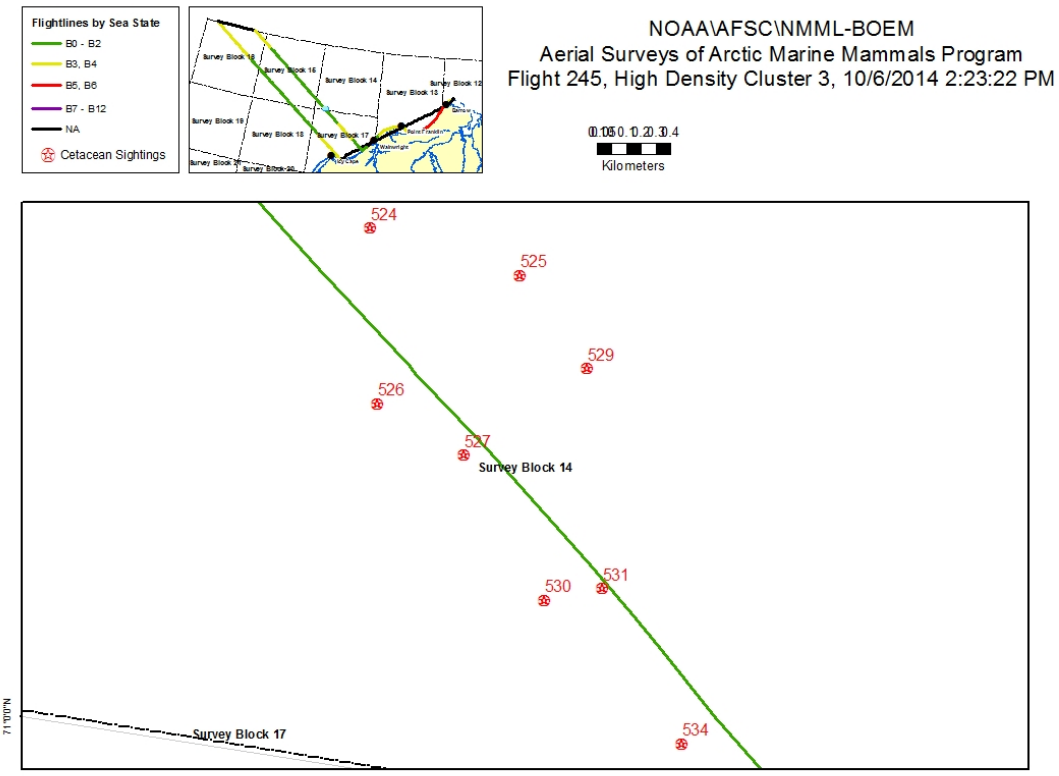
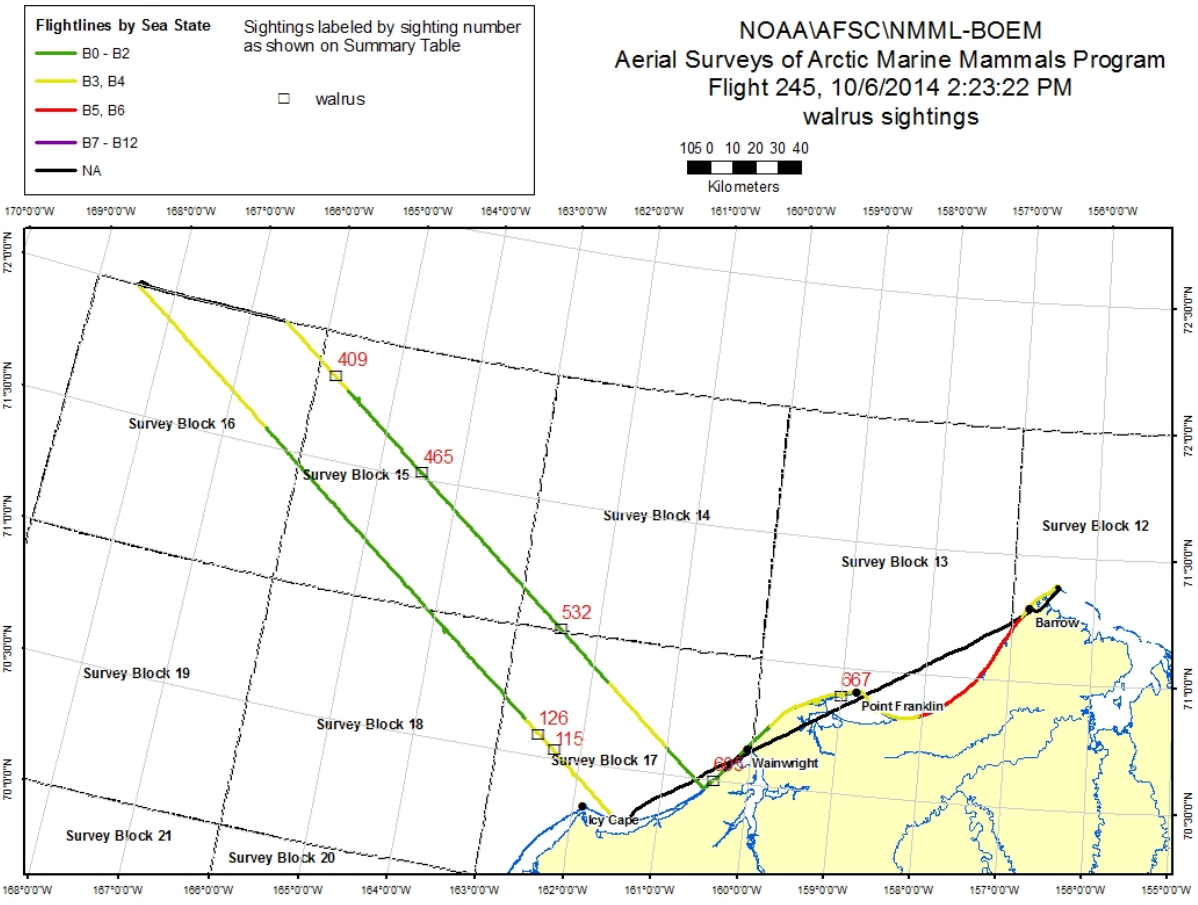
Kilometers





Walrus Sightings: