ASAMM-Chukchi – Flight 244 – 5 October 2014

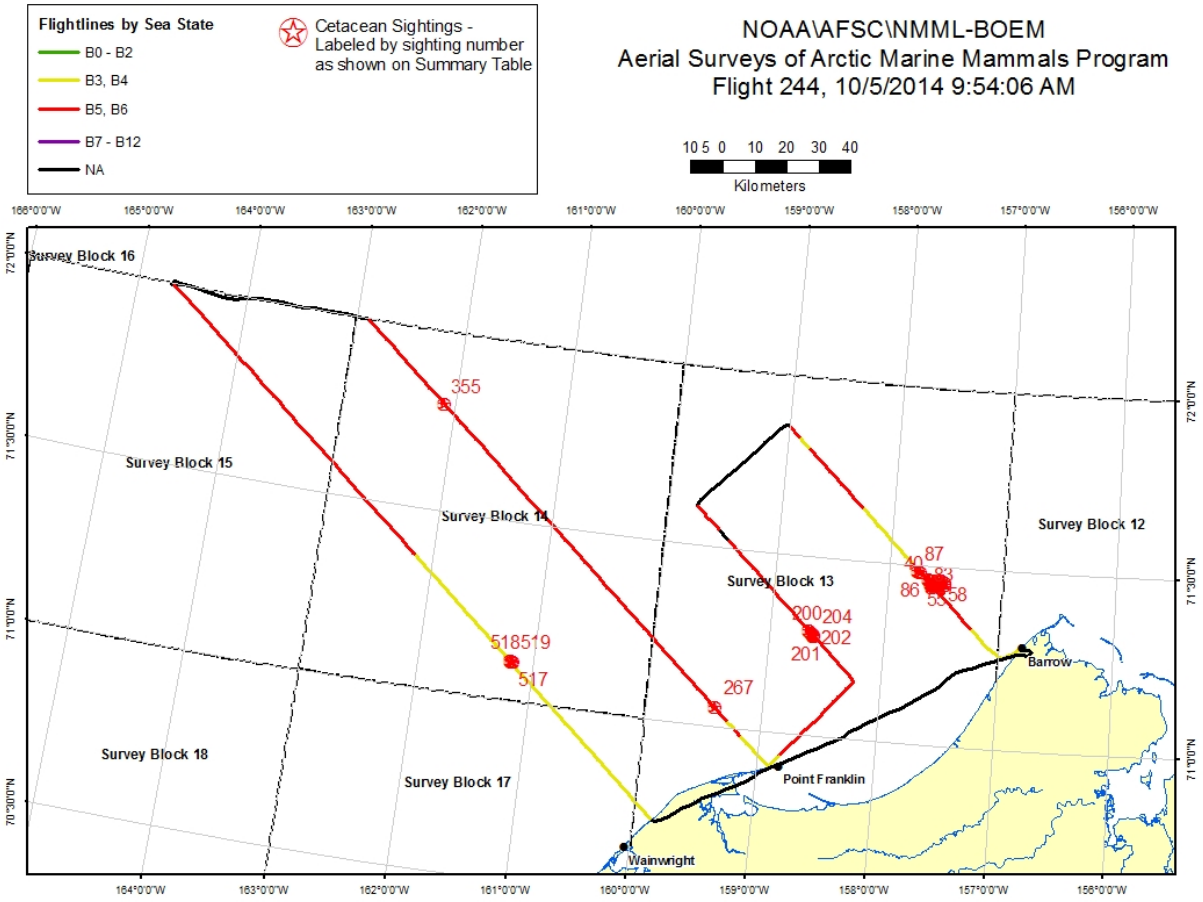
Area flown: Transects 7 and 9, complete; transects 3 and 5, partial
Total hours flown: 3.9
Total transect hours: 2.6
Number of bowheads seen: 21 (1 calf)
Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 3-6. Visibility varied from 0 to 10 km, with glare, haze, low ceilings, precipitation, and ice on the windows.
There was no sea ice in the area surveyed.
Sightings: Bowhead whales, belugas, and walruses.

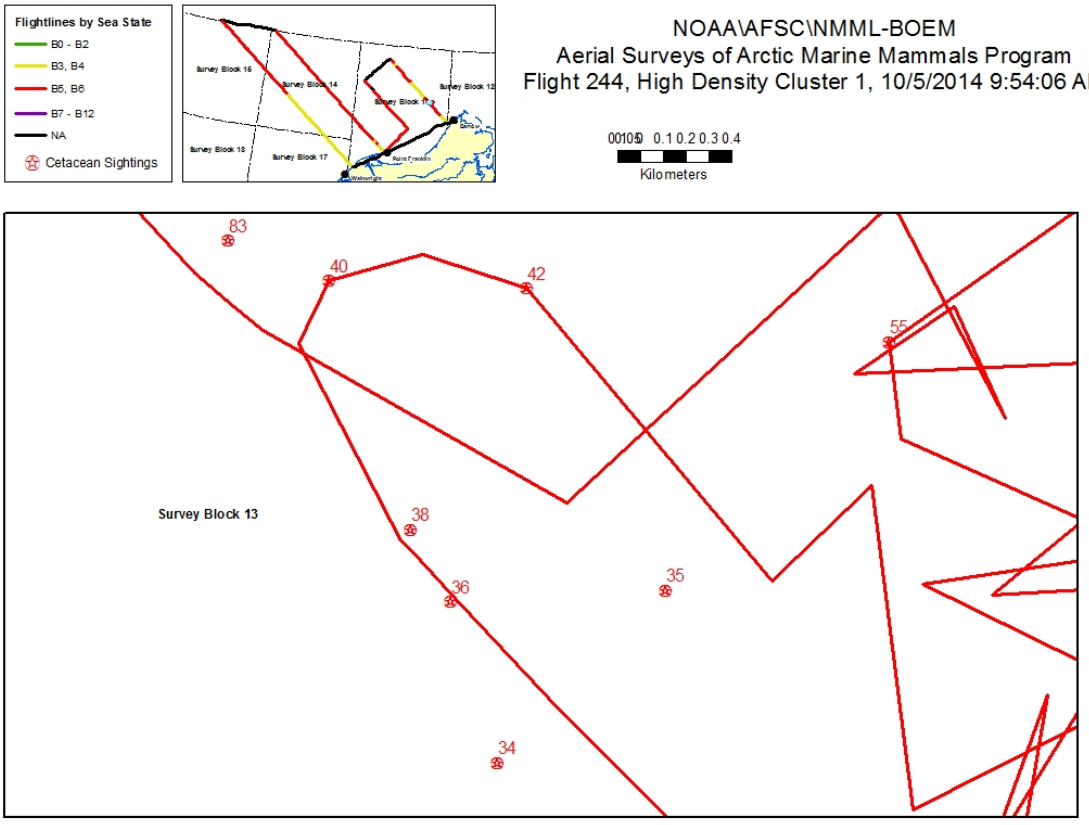
Preliminary Summary, Flight 244 Date: 10/5/2014

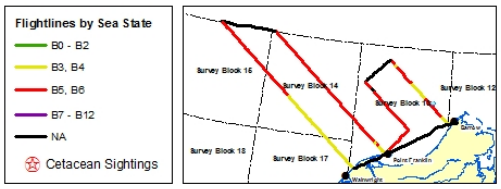
Total bowhead whales: 21	Start time: 10/5/2014 9:55:14 AM	End time: 10/5/2014 1:51:56 PM
Bowhead whale sightings: 15	Transect minutes: 156	Transect km:574.8
Bowhead whales on transect: 11	Circling minutes: 16	Circling km: 40.2
Bowhead whale cow-calf pairs: 1	Trans+Circ minutes: 172	Trans+Circ km: 615
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 14	Search km: 47.8
Bowhead whale repeats: 0	Total minutes: 236	Total km: 904.8
Possible repeats: 0	Deadhead minutes: 50	Deadhead km: 242
Total gray whales: 0	Search blocks: 12, 13, 14	
Total belugas: 15	Transect blocks: 12, 13, 14, 15, 17	
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
34	71.44	-157.61	13	bowhead whale	1	0	swim	222	True
35	71.44	-157.61	13	bowhead whale	3	0	swim	222	True
36	71.45	-157.62	13	bowhead whale	2	0	swim	222	True
38	71.45	-157.63	13	bowhead whale	1	0	swim	224	True
40	71.46	-157.64	13	bowhead whale	1	0	swim	-1	False
42	71.46	-157.62	13	bowhead whale	1	0	swim	-1	False
48	71.45	-157.51	13	bowhead whale	1	0	swim	-1	False
50	71.46	-157.51	13	bowhead whale	2	0	swim	-1	False
53	71.46	-157.54	13	bowhead whale	1	0	swim	-1	False
55	71.46	-157.57	13	bowhead whale	1	1	swim	-1	False
58	71.45	-157.54	13	bowhead whale	3	0	swim	-1	False
83	71.46	-157.66	13	bowhead whale	1	0	swim	310	True
86	71.48	-157.72	13	bowhead whale	1	0	swim	39	True
87	71.49	-157.74	13	bowhead whale	1	0	swim	190	True
198	71.29	-158.66	13	beluga	1	0	swim	136	True
200	71.29	-158.63	13	beluga	1	0	swim	135	True
201	71.28	-158.63	13	beluga	2	0	swim	132	True
202	71.28	-158.62	13	beluga	1	0	swim	132	True
204	71.28	-158.61	13	beluga	1	0	swim	134	True
267	71.05	-159.4	13	beluga	1	0	swim	44	True
355	71.8	-162.09	14	bowhead whale	1	0	dive	44	True
517	71.11	-161.2	14	beluga	1	0	swim	310	True
518	71.11	-161.19	14	beluga	2	1	swim	310	True
519	71.11	-161.19	14	beluga	5	0	swim	10	True

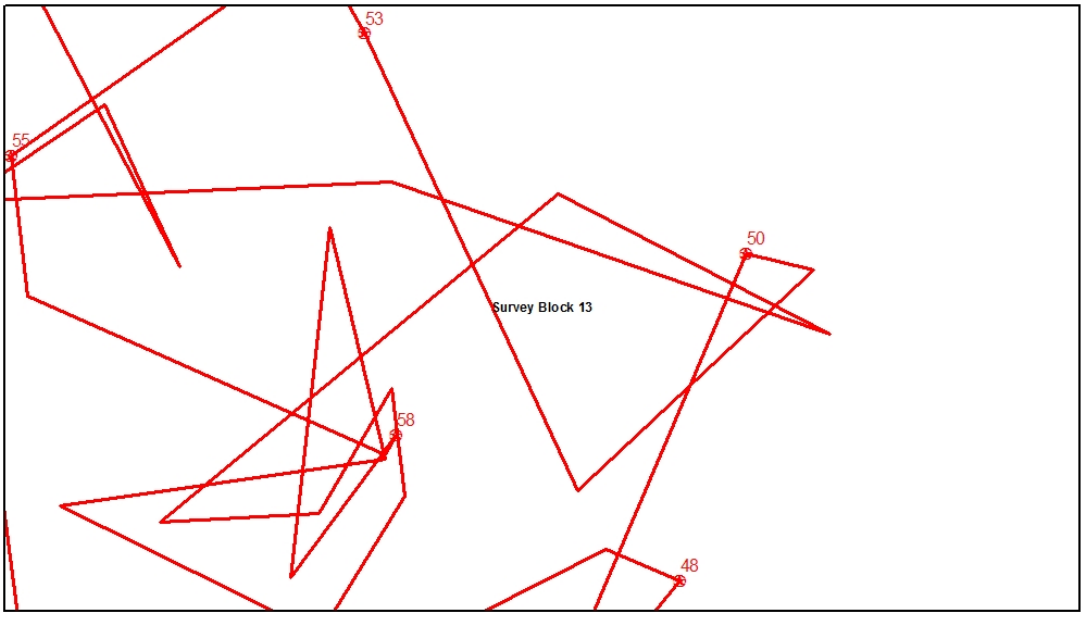

Flightlines by Sea State
B0 - B2
B3, B4
B5, B6
B7 - B12
NA
Cetacean Sightings - Labeled by sighting number as shown on Summary Table
NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 244, 10/5/2014 9:54:06 AM
10 5 0 10 20 30 40
Kilometers
Survey Block 16
Survey Block 15
Survey Block 14
Survey Block 13
Survey Block 12
Survey Block 18
Survey Block 17
355
518519
517
267
200204
202
201
87
40
86
58
Barrow
Point Franklin
Wainwright

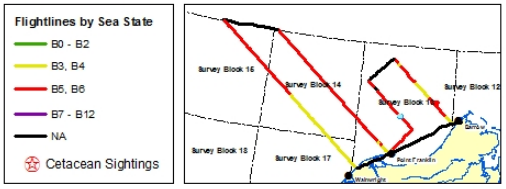

Flightlines by Sea State
B0 - B2
B3, B4
B5, B6
B7 - B12
NA
Cetacean Sightings
NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 244, High Density Cluster 1, 10/5/2014 9:54:06 AM
0 0.1 0.2 0.3 0.4
Kilometers
Survey Block 13
83
40
42
55
38
36
35
34



NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 244, High Density Cluster 2, 10/5/2014 9:54:06 AM

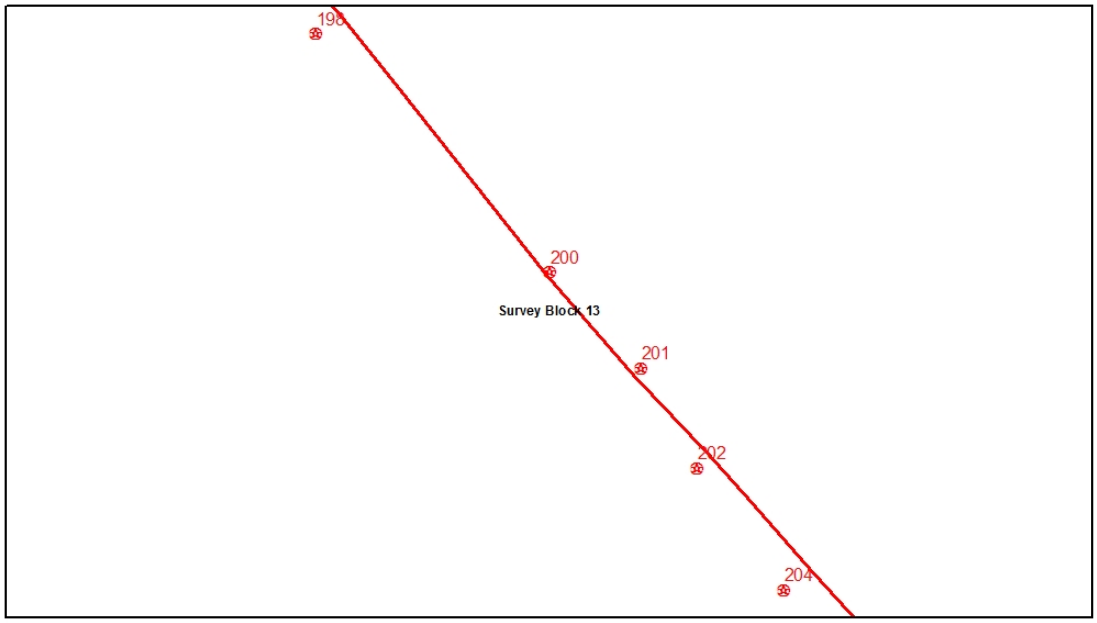
Kilometers

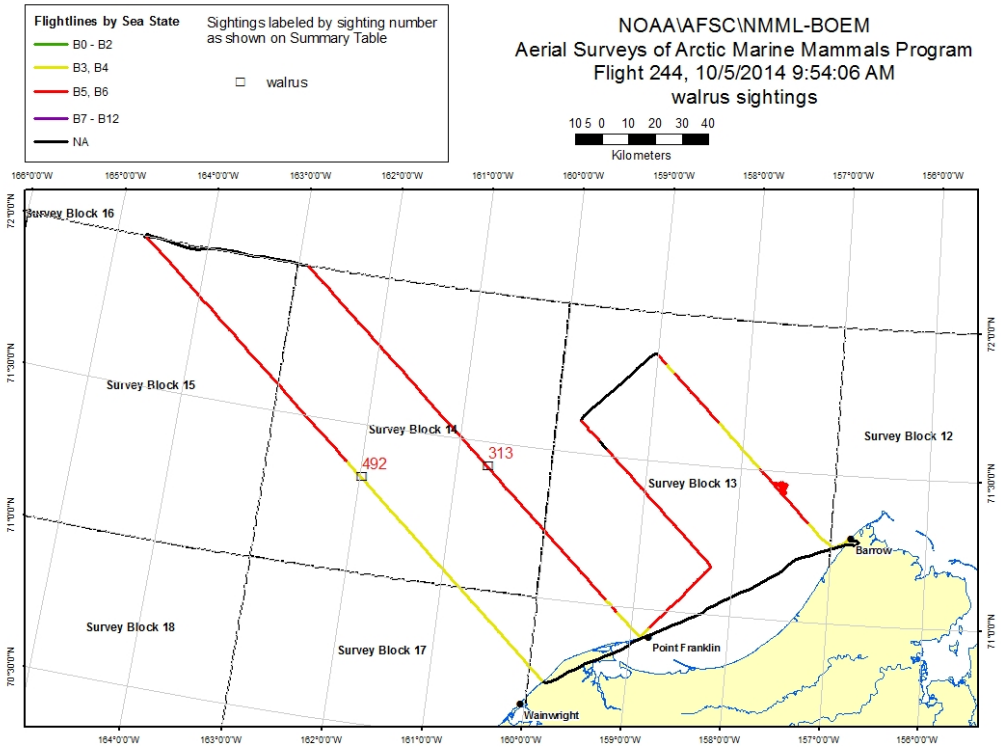




NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 244, High Density Cluster 3, 10/5/2014 9:54:06 AM

Kilometers



Well-scarred bowhead whale observed about 50 km northwest of Barrow, ASAMM-Chukchi Flight 244, 5 October 2014.

Walrus Sightings: