ASAMM-Chukchi – Flight 241 – 28 September 2014

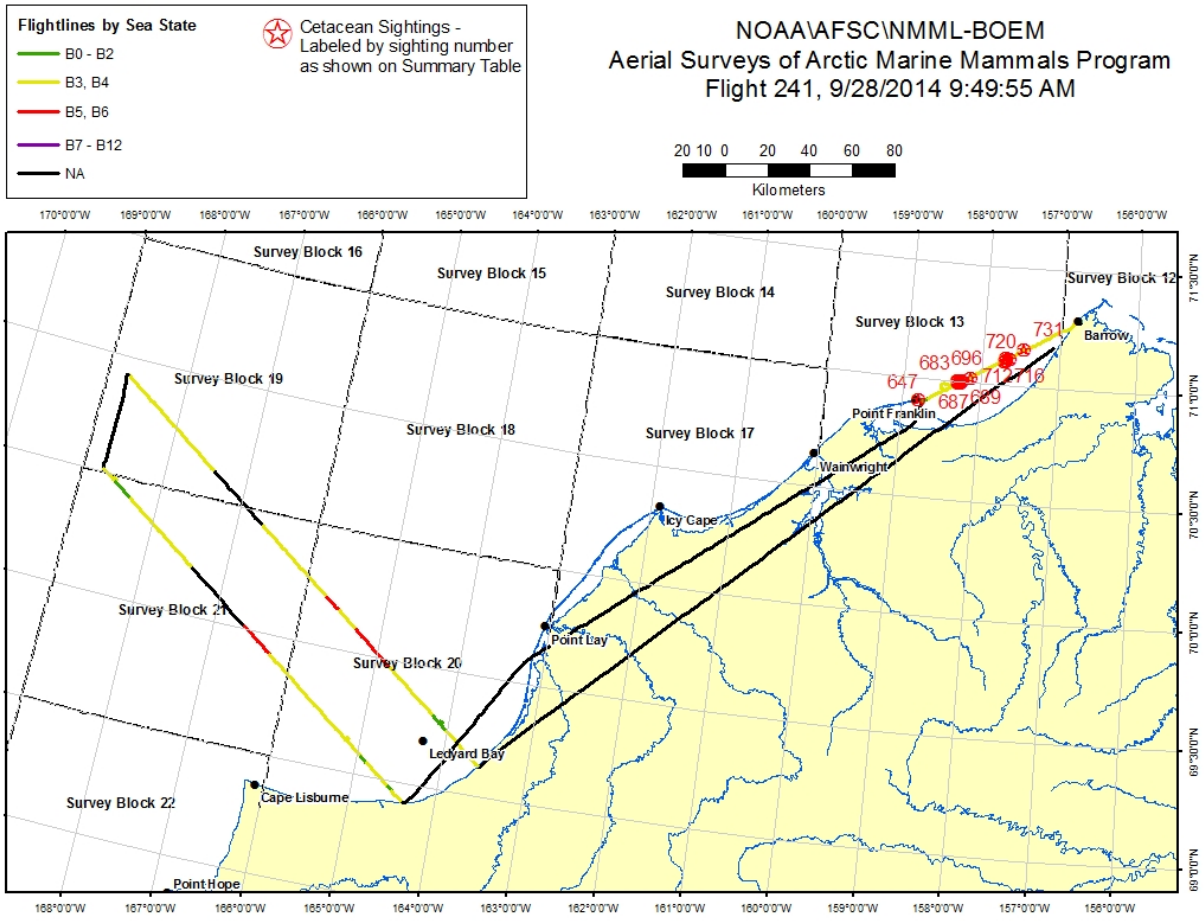
Area flown: Transects 21 and 23, partial
Total hours flown: 4.8
Total transect hours: 1.8
Number of bowheads seen: 1 (0 calves)
Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2-5. Visibility varied from 0 to 10 km, with glare, precipitation, and low ceilings. There was no sea ice in the area surveyed.
Sightings: One bowhead whale, gray whales, unidentified cetaceans, walruses, unidentified pinnipeds and one polar bear. The polar bear was seen on Pt. Franklin near an unidentified cetacean carcass.

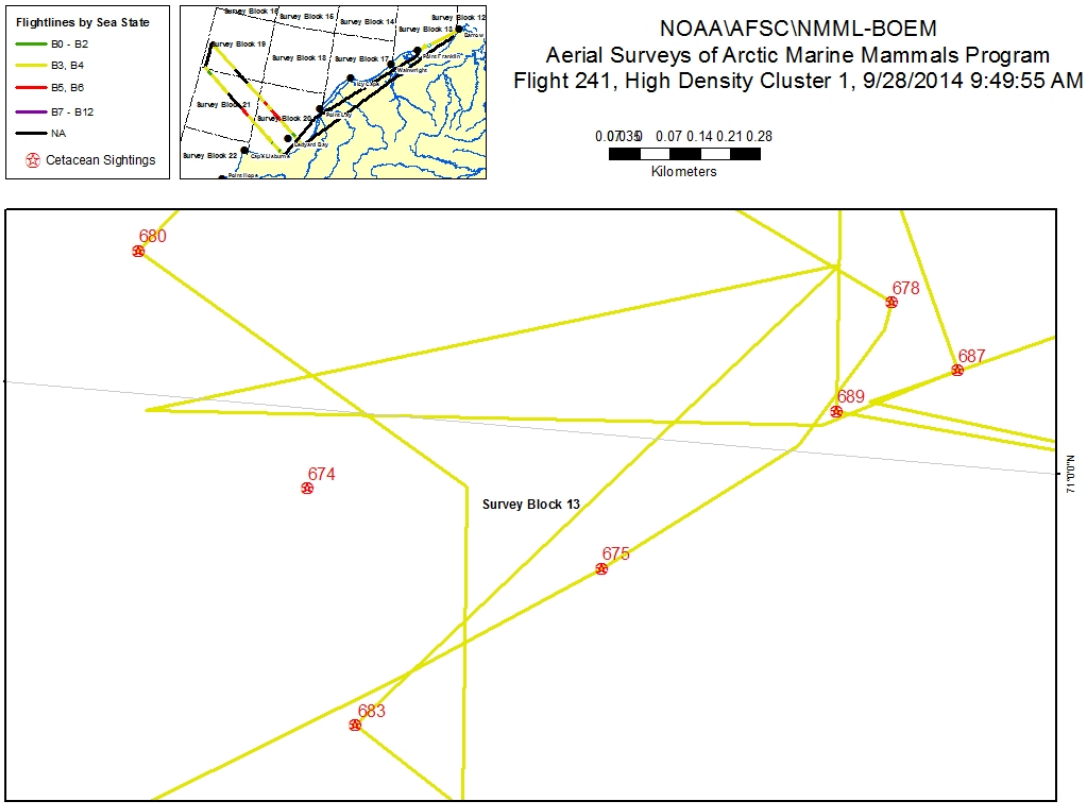
Preliminary Summary, Flight 241 Date: 9/28/2014

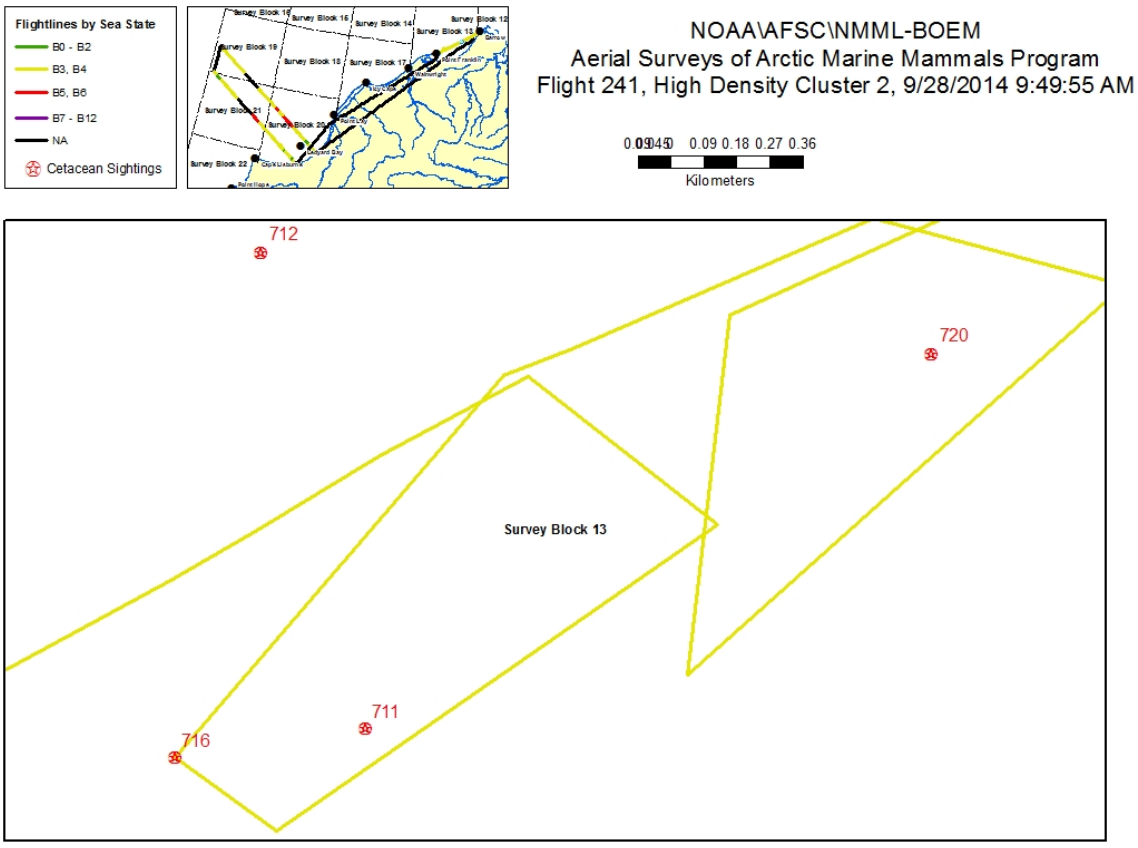
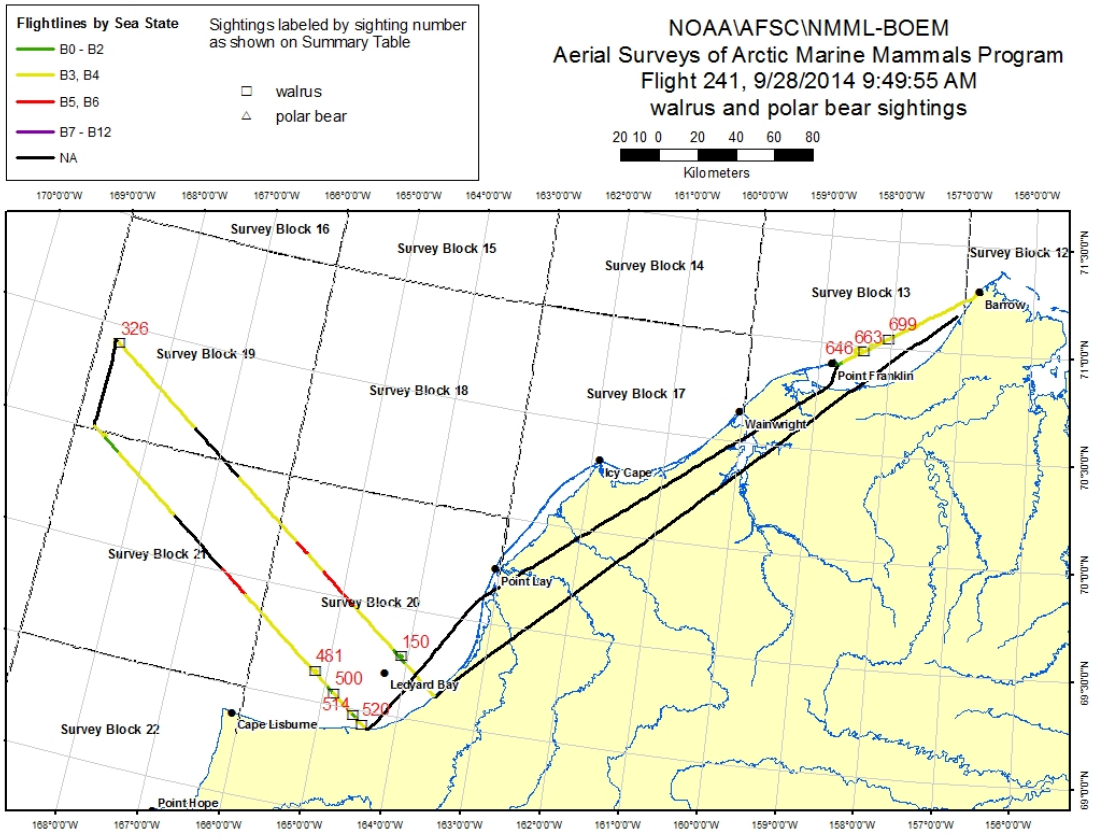
Total bowhead whales: 1	Start time: 9/28/2014 9:50:03 AM	End time: 9/28/2014 2:36:42 PM
Bowhead whale sightings: 1	Transect minutes: 106	Transect km:384
Bowhead whales on transect: 0	Circling minutes: 17	Circling km: 18.8
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 123	Trans+Circ km: 402.8
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 21	Search km: 90.7
Bowhead whale repeats: 0	Total minutes: 286	Total km: 1261.1
Possible repeats: 0	Deadhead minutes: 142	Deadhead km: 767.6
Total gray whales: 12	Search blocks: 21, 19, 20, 13, 12	
Total belugas: 0	Transect blocks: 20, 21, 19	
Other whale sightings: 3		
Total walrus: 9		
Total polar bears: 1		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
647	70.91	-158.78	13	unid cetacean	1	0	dead	-1	False
674	70.99	-158.29	13	gray whale	1	0	feed	-1	False
675	71	-158.27	13	gray whale	1	0	feed	-1	False
678	71	-158.26	13	gray whale	1	0	feed	-1	False
680	71	-158.3	13	gray whale	2	0	feed	-1	False
683	70.99	-158.29	13	bowhead whale	1	0	swim	-1	False
687	71	-158.25	13	gray whale	1	0	swim	-1	False
689	71	-158.26	13	gray whale	1	0	feed	-1	False
696	71.02	-158.15	13	gray whale	1	0	feed	-1	False
711	71.11	-157.7	13	gray whale	2	0	feed	-1	False
712	71.11	-157.69	13	unid cetacean	1	0	feed	-1	False
716	71.1	-157.71	13	gray whale	1	0	feed	-1	False
720	71.12	-157.66	13	unid cetacean	1	0	feed	-1	False
731	71.15	-157.47	13	gray whale	1	0	swim	241	False


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 241, 9/28/2014 9:49:55 AM
20 10 0 20 40 60 80
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
Survey Block 22
Barrow
Point Franklin
Wainwright
Icy Cape
Point Lay
Ledyard Bay
Cape Lisburne
Point Hope
731
720
696
683
647
687
689


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 241, High Density Cluster 1, 9/28/2014 9:49:55 AM
0.07035 0.07 0.14 0.21 0.28
Kilometers
Survey Block 13
680
678
687
689
674
675
683



Walrus and Polar Bear Sightings: