ASAMM-Chukchi – Flight 204 – 9 July 2014

Area flown: Transects 19, 21, and 23, partial; coastal transect from Cape Lisburne to Point Lay
Total hours flown: 4.9
Total transect hours: 1.9
Number of bowheads seen: 0 (no calves)
Weather and visibility: Clear skies. Sea state ranged from Beaufort 1-6. Visibility varied from <1 km to 5-10 km, with low ceiling, haze, fog, and glare. Fog precluded further surveying offshore. Ice cover ranged from 5 to 63% broken floe in the area between Pt. Franklin and Barrow; there was no ice in the more southerly area surveyed.
Sightings: Belugas (including 12 calves), gray whales (including 12 calves), one walrus, small unidentified pinnipeds, and one unidentified pinniped.

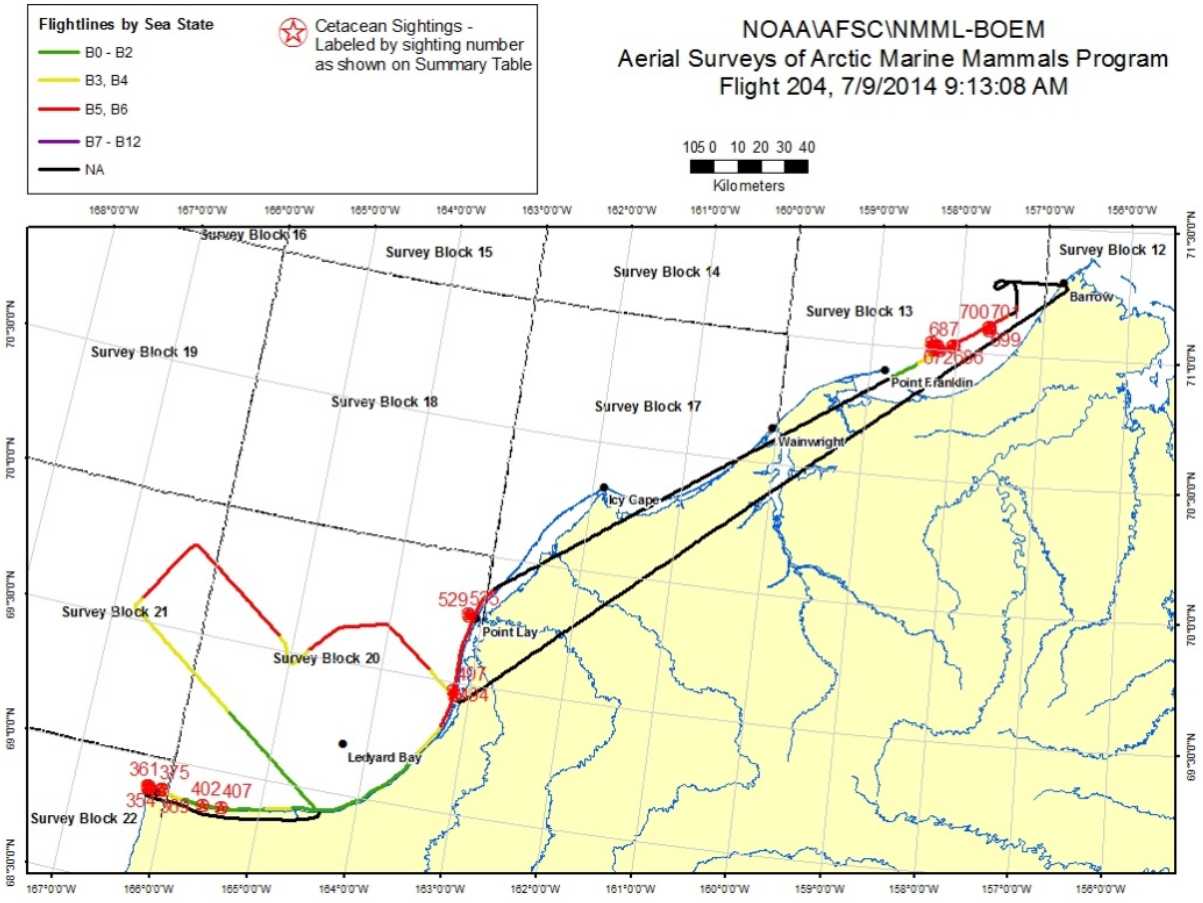
Preliminary Summary, Flight 204 Date: 7/9/2014

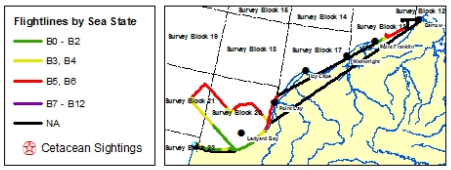
Total bowhead whales: 0	Start time: 7/9/2014 9:18:25 AM	End time: 7/9/2014 2:14:18 PM
Bowhead whale sightings: 0	Transect minutes: 112	Transect km:415.6
Bowhead whales on transect: 0	Circling minutes: 27	Circling km: 63.4
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 139	Trans+Circ km: 479
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 41	Search km: 153.7
Bowhead whale repeats: 0	Total minutes: 296	Total km: 1282.1
Possible repeats: 0	Deadhead minutes: 116	Deadhead km: 649.4
Total gray whales: 49	Search blocks: 20, 21, 17, 13	
Total belugas: 204	Transect blocks: 20, 21, 22	
Other whale sightings: 0		
Total walrus: 1		
Total polar bears: 0		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
349	68.89	-166.22	22	gray whale	3	1	swim	-1	True
352	68.89	-166.19	22	gray whale	2	1	swim	-1	False
354	68.89	-166.2	22	gray whale	2	1	swim	-1	False
361	68.89	-166.21	22	gray whale	2	1	swim	-1	False
369	68.88	-166.06	22	gray whale	2	1	swim	274	True
375	68.89	-166.06	22	gray whale	2	1	swim	-1	False
402	68.86	-165.6	20	gray whale	1	0	swim	88	True
407	68.86	-165.4	20	gray whale	1	0	swim	87	True
494	69.46	-163.17	20	beluga	200	12	mill	-1	True
497	69.47	-163.18	20	beluga	4	0	swim	-1	False
529	69.76	-163.09	20	gray whale	3	1	feed	-1	True
535	69.77	-163.16	20	gray whale	5	2	feed	-1	False
655	70.99	-158.23	13	gray whale	7	2	feed	-1	False
658	71	-158.19	13	gray whale	3	0	feed	-1	False
660	71.02	-158.23	13	gray whale	2	0	feed	-1	False
661	71.02	-158.25	13	gray whale	3	0	feed	-1	False
663	71.02	-158.27	13	gray whale	1	0	feed	-1	False
664	71.01	-158.29	13	gray whale	1	0	feed	-1	False
667	71.01	-158.25	13	gray whale	2	1	feed	-1	False
672	71.03	-158.3	13	gray whale	2	0	swim	-1	False
686	71.02	-158.06	13	gray whale	1	0	feed	-1	False
687	71.03	-158.04	13	gray whale	1	0	swim	-1	False
699	71.11	-157.65	13	gray whale	1	0	swim	-1	False
700	71.11	-157.65	13	gray whale	1	0	feed	-1	False

701	71.11	-157.64	13	gray whale	1	0	feed	-1	False





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Aerial Surveys of Arctic Marine Mammals Program
Flight 204, High Density Cluster 1, 7/9/2014 9:13:08 AM

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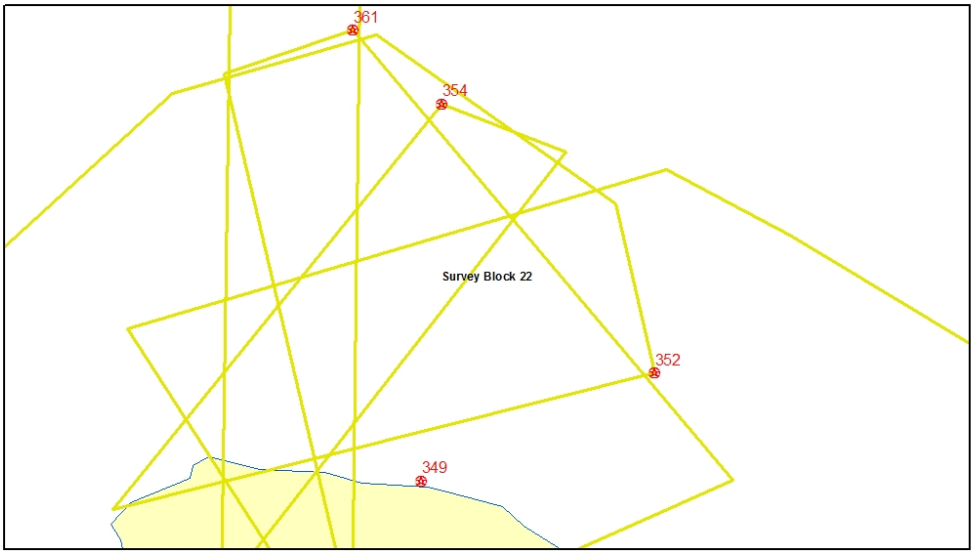
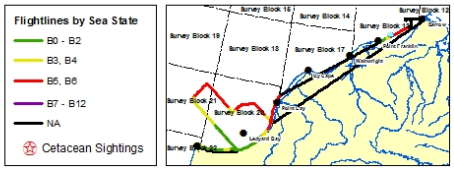
Kilometers





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Flight 204, High Density Cluster 2, 7/9/2014 9:13:08 AM

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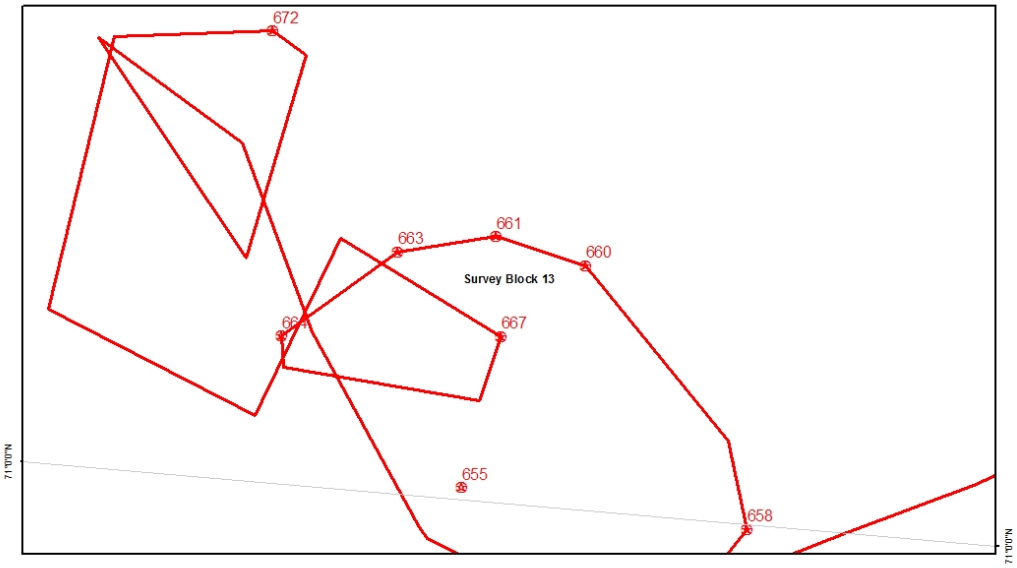
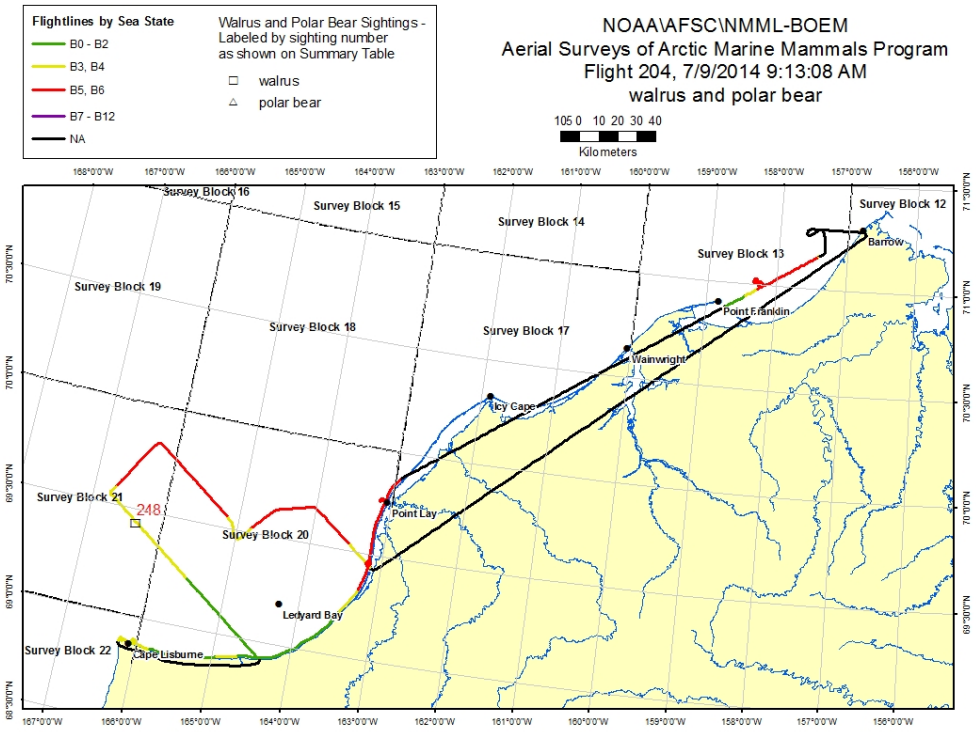
Kilometers



Walrus and Polar Bear Sightings:



Beluga group south of Point Lay (event 494), ASAMM-Chukchi Flight 204, 9 July 2014.