

## ASAMM-Chukchi – Flight 247 – 30 September 2013

Area flown: Lines 12, 14, 16, 18, complete.

Total hours flown: 9.4 (2 flights)

Total transect hours: 5.5

Number of bowheads seen: 13 (2 calves)

Weather and visibility: Skies were partly cloudy. Visibility ranged from 0 to 10 km, with glare, low ceilings, and precipitation. Sea states ranged from Beaufort 1 to 5. No sea ice was observed in the area surveyed.

Sightings: Bowhead whales, belugas, walrus and unidentified pinnipeds.

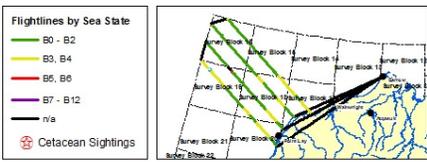
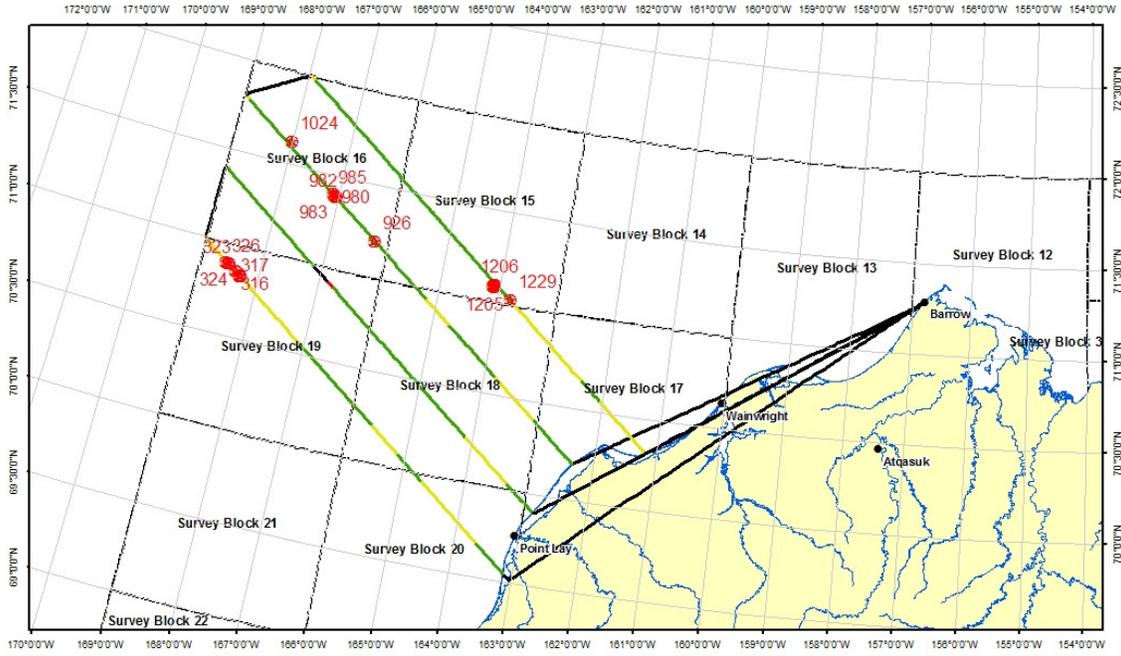
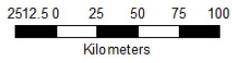
### Preliminary Summary, Flight 247 Date: 9/30/2013

Total bowhead whales: 13	Start time: 9/30/2013 9:49:46 AM	End time: 9/30/2013 8:06:46 PM
Bowhead whale sightings: 8	Transect minutes: 331	Transect km: 1150.5
Bowhead whales on transect: 7	Circling minutes: 24	Circling km: 74.3
Bowhead whale cow-calf pairs: 2	Trans+Circ minutes: 355	Trans+Circ km: 1224.8
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 2	Search km: 2.2
Bowhead whale repeats: 0	Total minutes: 563	Total km: 2345.3
Possible repeats: 0	Deadhead minutes: 206	Deadhead km: 1118.3
Total gray whales: 0	Search blocks: 19, 17, 16	
Total belugas: 107	Transect blocks: 20, 18, 19, 16, 17, 15	
Other whale sightings: 0		
Total walrus: 52		
Total polar bears: 0		

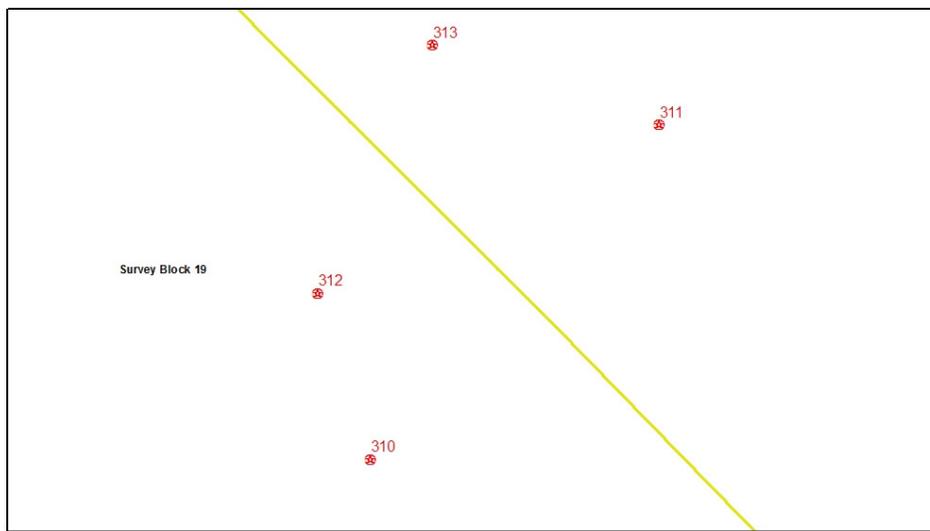
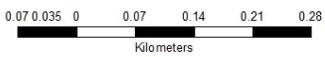
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
310	70.84	-168.29	19	beluga	1	0	swim	-1	True
311	70.84	-168.29	19	beluga	4	1	swim	-1	True
312	70.84	-168.29	19	beluga	6	1	swim	-1	True
313	70.84	-168.3	19	beluga	8	0	swim	-1	True
316	70.86	-168.38	19	beluga	37	8	swim	184	True
317	70.86	-168.39	19	beluga	28	5	swim	-1	True
323	70.89	-168.53	19	beluga	4	0	swim	126	True
324	70.89	-168.53	19	beluga	1	0	swim	-1	True
326	70.9	-168.57	19	beluga	1	0	swim	122	True
926	71.2	-166.22	16	bowhead whale	1	0	swim	216	True
980	71.38	-167.03	16	beluga	6	3	swim	-1	True
982	71.39	-167.05	16	beluga	6	2	swim	-1	True
983	71.39	-167.07	16	beluga	1	0	swim	-1	True
985	71.4	-167.09	16	beluga	4	1	swim	-1	True
1024	71.62	-167.99	16	bowhead whale	1	0	dead	-1	False
1198	71.1	-164.08	15	bowhead whale	5	1	rest	-1	True
1203	71.08	-164.09	15	bowhead whale	1	0	rest	-1	False
1205	71.09	-164.11	15	bowhead whale	1	0	rest	-1	False
1206	71.09	-164.09	15	bowhead whale	1	0	swim	-1	False
1212	71.09	-164.07	15	bowhead whale	2	1	swim	-1	False
1229	71.02	-163.78	15	bowhead whale	1	0	swim	40	True

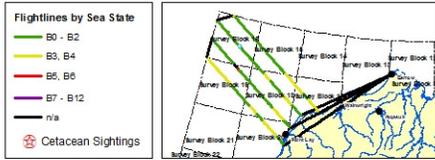


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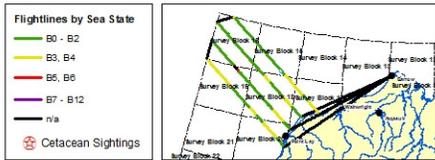
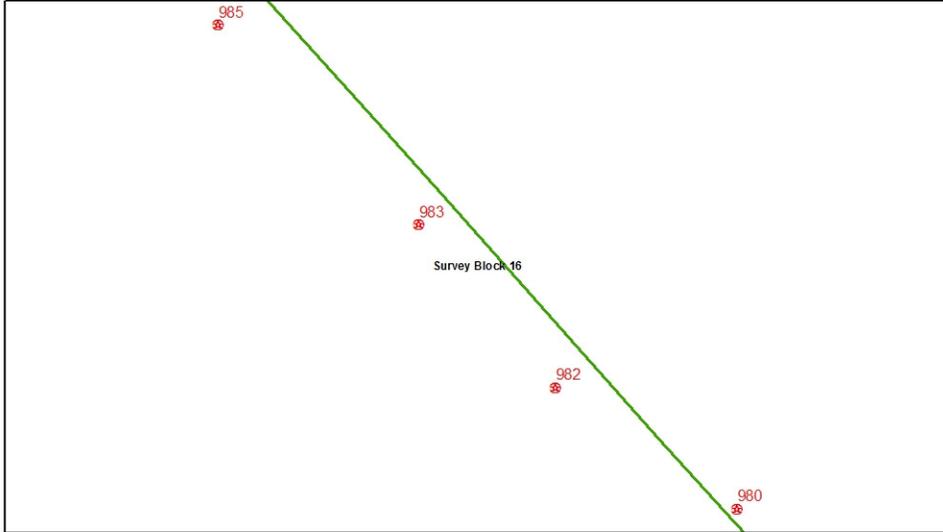


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Flight 247, High Density Cluster 1, 9/30/2013





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Flight 247, High Density Cluster 2, 9/30/2013



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Flight 247, High Density Cluster 3, 9/30/2013

