

ASAMM-Chukchi – Flight 246 – 29 September 2013

Area flown: Lines 1, 2, 3, 4, 6, 8, 10.

Total hours flown: 8.4 (2 flights)

Total transect hours: 5.5

Number of bowheads seen: 35 (2 calves)

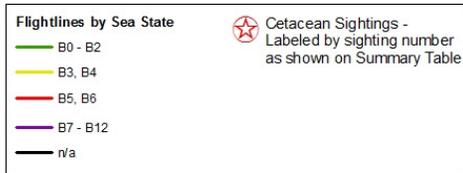
Weather and visibility: Skies were partly cloudy to overcast. Visibility ranged from <1 to 10 km, with glare, low ceilings, and precipitation. Sea states ranged from Beaufort 1 to 5. No sea ice was observed in the area surveyed.

Sightings: Bowhead whales, gray whales, one unidentified cetacean, walrus, unidentified pinnipeds, and small unidentified pinnipeds.

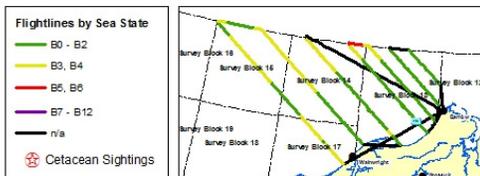
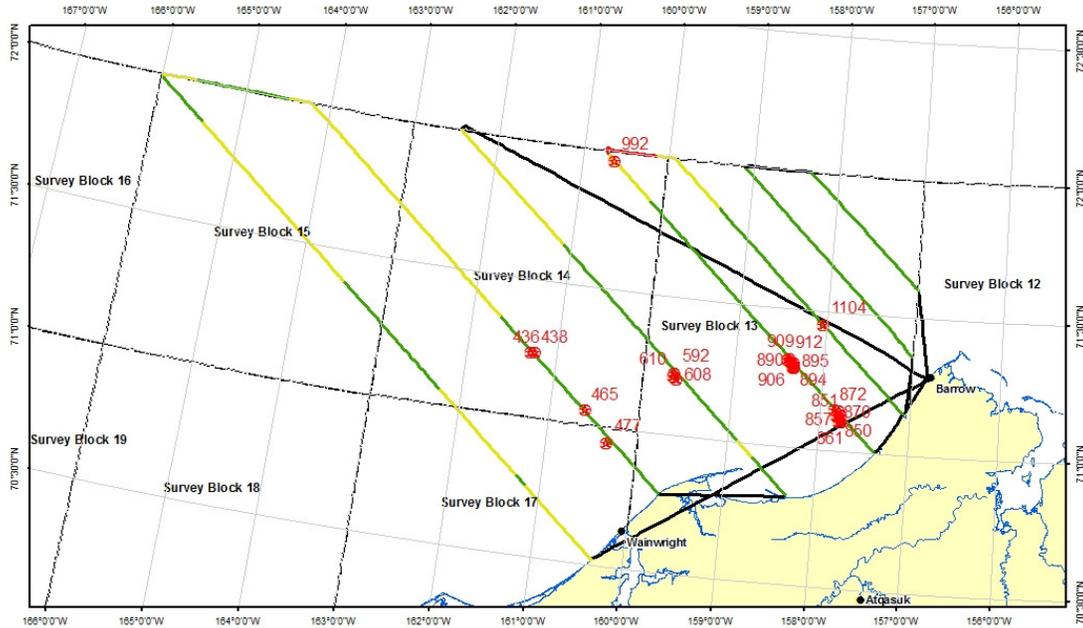
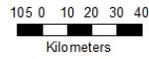
Preliminary Summary, Flight 246 Date: 9/29/2013

Total bowhead whales: 35	Start time: 9/29/2013 9:51:03 AM	End time: 9/29/2013 7:18:38 PM
Bowhead whale sightings: 13	Transect minutes: 329	Transect km: 1128.9
Bowhead whales on transect: 18	Circling minutes: 37	Circling km: 103.5
Bowhead whale cow-calf pairs: 2	Trans+Circ minutes: 366	Trans+Circ km: 1232.4
Bowhead whale cow-calf pairs on transect: 2	Search minutes: 27	Search km: 97.2
Bowhead whale repeats: 0	Total minutes: 501	Total km: 1879.9
Possible repeats: 0	Deadhead minutes: 108	Deadhead km: 550.3
Total gray whales: 10	Search blocks: 15, 0, 13, 14	
Total belugas: 0	Transect blocks: 17, 14, 15, 13	
Other whale sightings: 1		
Total walrus: 20		
Total polar bears: 0		

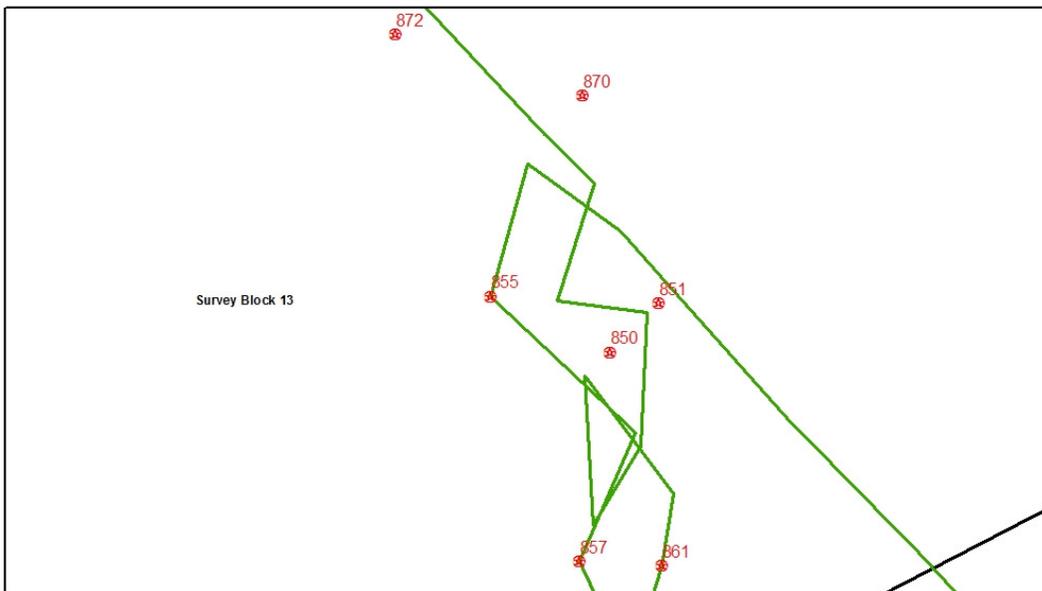
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
436	71.24	-161.28	14	gray whale	1	0	feed	307	True
438	71.23	-161.25	14	gray whale	1	0	feed	-1	True
465	71.05	-160.61	14	gray whale	1	0	swim	250	True
477	70.96	-160.28	17	bowhead whale	2	0	swim	-1	True
592	71.23	-159.64	13	bowhead whale	3	1	swim	-1	True
608	71.2	-159.64	13	bowhead whale	3	0	swim	-1	False
610	71.21	-159.67	13	bowhead whale	1	0	swim	-1	False
850	71.13	-157.76	13	gray whale	1	0	swim	-1	True
851	71.13	-157.76	13	gray whale	1	0	swim	-1	True
855	71.13	-157.81	13	gray whale	1	0	swim	-1	False
857	71.11	-157.78	13	gray whale	1	0	swim	-1	False
861	71.11	-157.76	13	gray whale	1	0	swim	-1	False
870	71.14	-157.8	13	gray whale	1	0	swim	219	True
872	71.15	-157.84	13	gray whale	1	0	dive	-1	True
890	71.3	-158.32	13	bowhead whale	1	0	swim	-1	False
894	71.29	-158.35	13	bowhead whale	5	0	swim	-1	False
895	71.29	-158.33	13	bowhead whale	3	0	swim	-1	False
903	71.31	-158.34	13	bowhead whale	2	0	swim	-1	True
905	71.31	-158.35	13	bowhead whale	8	1	swim	-1	True
906	71.31	-158.36	13	bowhead whale	2	0	swim	-1	True
909	71.32	-158.39	13	bowhead whale	2	0	swim	-1	False
912	71.32	-158.41	13	bowhead whale	2	0	swim	-1	False
992	71.96	-160.62	14	unid cetacean	1	0	swim	307	True
1104	71.45	-158.04	13	bowhead whale	1	0	feed	-1	True

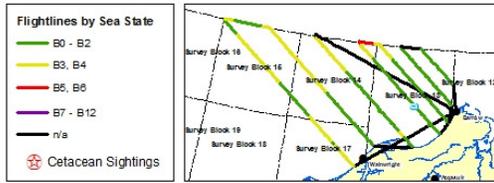


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Flight 246, 9/29/2013

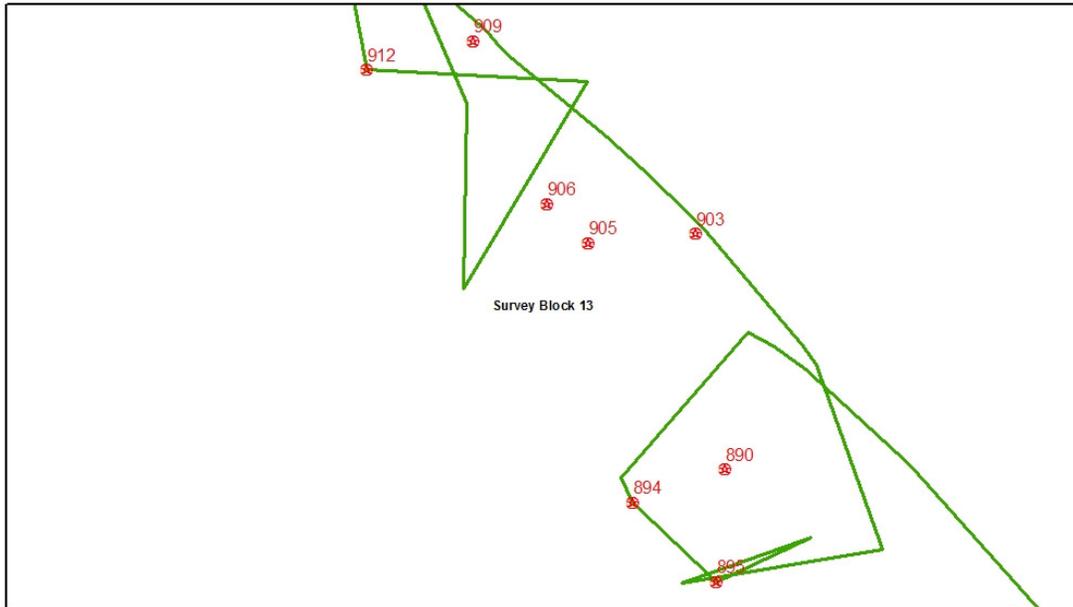
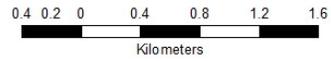


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Aerial Surveys of Arctic Marine Mammals Program
Flight 246, High Density Cluster 1, 9/29/2013





NOAA/AFSC/NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 246, High Density Cluster 2, 9/29/2013



Bowhead whale cow-calf pair (event 592), ASAMM-Chukchi Flight 246, 29 September 2013.