

## ASAMM-Chukchi – Flight 206 – 13 July 2016

Area flown: Transect 7, complete; transects 9, 12, and 14, partial.

Total hours flown: 5.2

Total transect hours: 3.2

Number of bowhead whales seen: 1 (0 calves)

Weather and visibility: Skies were partly cloudy to clear. Sea state ranged from Beaufort 2-6.

Visibility was unlimited, with glare. Sea ice ranged from 0 to 90 percent broken floe ice in the area surveyed. High sea states offshore prevented complete coverage of transects 12 and 14.

Sightings: Gray whales (including 19 calves), belugas (including 21 calves), walrus, one bearded seal, unidentified pinnipeds, and small unidentified pinnipeds. One bowhead whale carcass was sighted approximately 22 km northwest of Wainwright.

### Preliminary Summary, Flight 206 Date: Wednesday, July 13, 2016

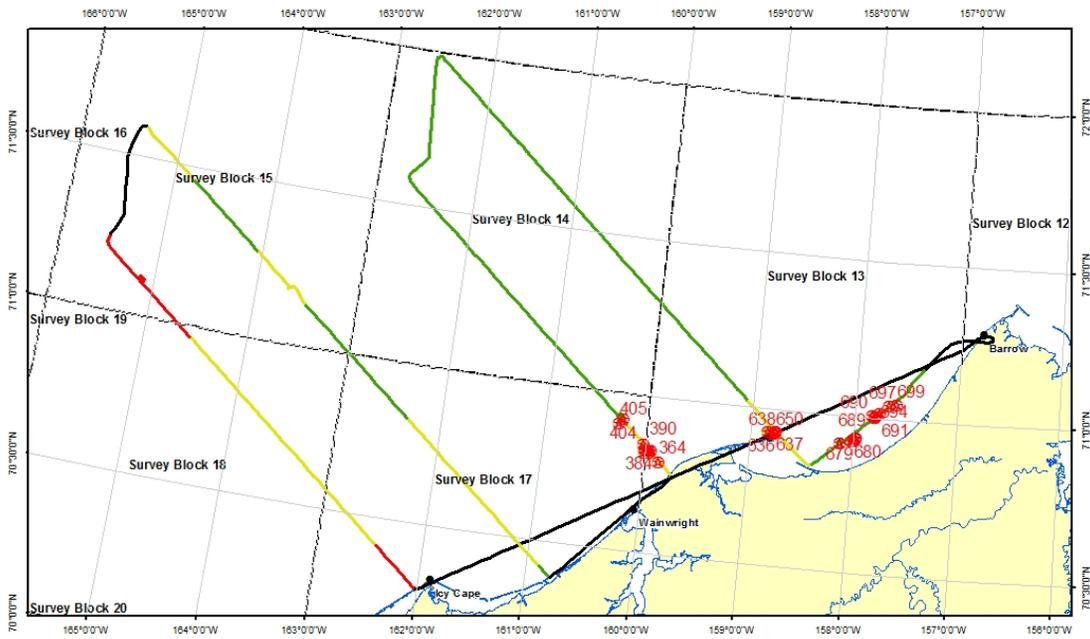
Total bowhead whales: 1	Start time: 7/13/2016 9:12:08 AM	End time: 7/13/2016 2:25:26 PM
Bowhead whale sightings: 1	Transect minutes: 192	Transect km: 705.8
Bowhead whales on transect: 1	Circling minutes: 29	Circling km: 72.8
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 221	Trans+Circ km: 778.6
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 24	Search km: 106.7
Bowhead whale repeats: 0	Total minutes: 313	Total km: 1239.7
Possible repeats: 0	Deadhead minutes: 68	Deadhead km: 354.4
Total gray whales: 47	Search blocks: 13,14,15,17	
Total belugas: 298	Transect blocks: 13,14,15,17,18	
Other whale sightings: 1		
walrus: yes		
Total polar bears: 0		

### Cetacean Sightings:

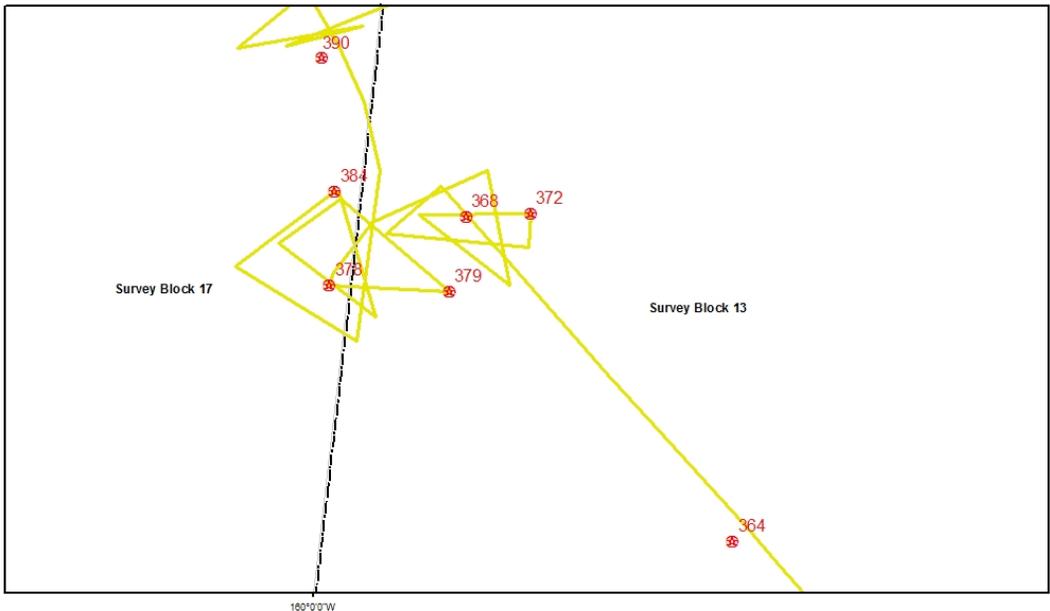
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
364	70.8	-159.85	13	gray whale	1	0	swim	251	True
368	70.83	-159.96	13	gray whale	2	1	swim	222	True
372	70.83	-159.94	13	gray whale	2	1	swim	-1	False
378	70.82	-160.01	17	gray whale	2	1	swim	-1	False
379	70.82	-159.97	13	gray whale	4	2	swim	-1	False
384	70.83	-160.01	17	gray whale	5	1	swim	-1	False
390	70.85	-160.01	17	bowhead	1	0	dead	-1	True
404	70.91	-160.26	17	gray whale	2	1	feed	-1	True
405	70.92	-160.26	17	gray whale	2	1	feed	-1	True
634	70.94	-158.79	13	gray whale	1	0	feed	-1	True
636	70.93	-158.76	13	gray whale	2	1	swim	-1	False
637	70.93	-158.76	13	gray whale	3	1	swim	-1	False
638	70.92	-158.78	13	gray whale	4	2	swim	-1	False
650	70.93	-158.76	13	gray whale	2	1	swim	-1	False
669	70.91	-158.12	13	gray whale	2	1	swim	199	False
675	70.93	-158.05	13	gray whale	1	0	swim	43	False
678	70.93	-157.98	13	gray whale	2	1	swim	-1	False
679	70.93	-157.98	13	gray whale	4	2	swim	-1	False
680	70.92	-158	13	gray whale	2	1	swim	-1	False
689	71	-157.81	13	beluga	10	0	swim	169	False
690	71	-157.81	13	beluga	20	2	mill	-1	False
691	71.01	-157.79	13	beluga	268	19	mill	-1	False
694	71.02	-157.76	13	gray whale	1	0	swim	322	False
697	71.04	-157.67	13	gray whale	2	1	swim	318	False
699	71.05	-157.62	13	gray whale	1	0	feed	-1	False

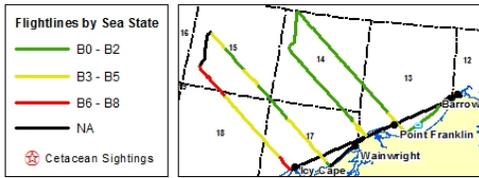


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Aerial Surveys of Arctic Marine Mammals Program  
Flight 206, 7/13/2016 9:09:45 AM

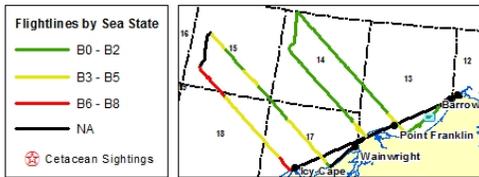
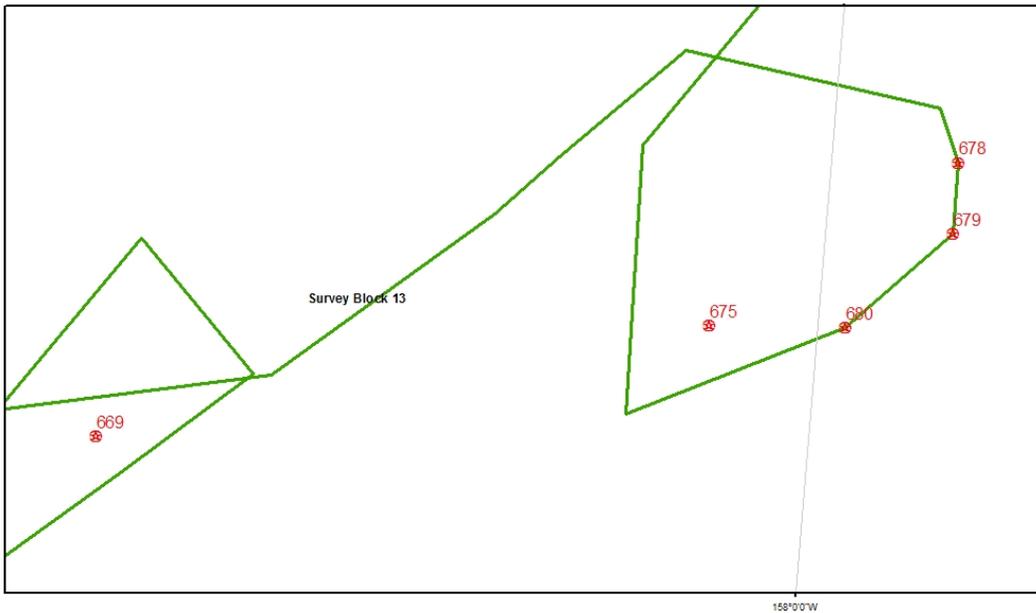
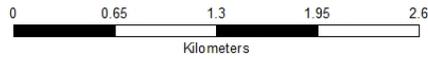


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Flight 206, High Density Cluster 1, 7/13/2016

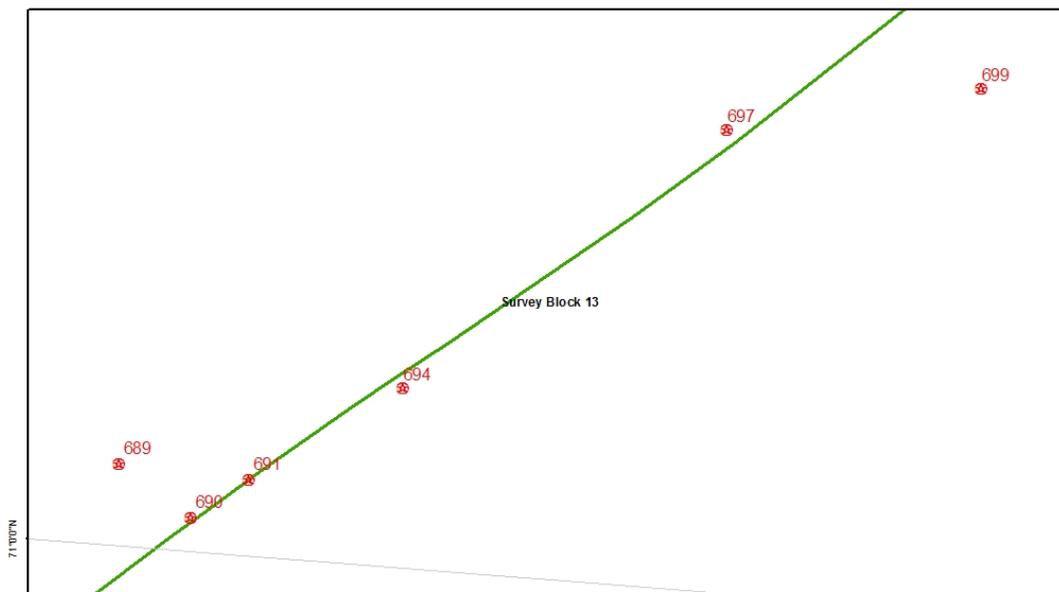
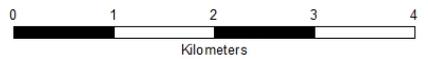




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 Flight 206, High Density Cluster 3, 7/13/2016



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 Flight 206, High Density Cluster 4, 7/13/2016





Two gray whale cow-calf pairs sighted northwest of Wainwright, Alaska (event 379), ASAMM-Chukchi Flight 206, 13 July 2016. The calf in the upper left of the photo is submerged beneath the cow; the calf's left flipper is visible underwater to the left of the cow and its flukes are visible just aft of the cow's flukes.



Young and rotund gray whale sighted feeding northwest of Wainwright, Alaska (event 384), ASAMM-Chukchi Flight 206, 13 July 2016. This whale was one in a group of five gray whales, including one calf.