

ASAMM-Chukchi – Flight 203 – 4 July 2015

Area flown: Transects 9, 11, 13, and 15, complete

Total hours flown: 9.2 (2 flights)

Total transect hours: 5.0

Number of bowhead whales seen: 1 (no calves)

Weather and visibility: Skies were clear to partly cloudy. Sea state ranged from Beaufort 1-5. Visibility varied from 10 km to unlimited, with glare. Sea ice cover ranged from 0-75% pack and broken floe ice in the area surveyed.

Sightings: One bowhead whale, gray whales (including 9 calves), belugas, unidentified cetaceans, walruses, unidentified pinnipeds, small unidentified pinnipeds, and one polar bear. The polar bear was seen swimming over 220 km from shore, in the vicinity of broken floe sea ice.

Preliminary Summary, Flight 203 Date: 7/4/2015

Total bowhead whales: 1	Start time: 7/4/2015 10:12:45 AM	End time: 7/4/2015 8:19:08 PM
Bowhead whale sightings: 1	Transect minutes: 297	Transect km:1082.2
Bowhead whales on transect: 0	Circling minutes: 84	Circling km: 261.1
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 381	Trans+Circ km: 1343.3
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 2	Search km: 8.3
Bowhead whale repeats: 0	Total minutes: 549	Total km: 2223.3
Possible repeats: 0	Deadhead minutes: 166	Deadhead km: 871.7
Total gray whales: 32	Search blocks: 17, 14, 15, 0, 16	
Total belugas: 6	Transect blocks: 15, 13, 17, 14, 16, 18	
Other whale sightings: 3		
Walruses: yes		
Total polar bears: 1		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
72	70.88	-160.33	17	gray whale	1	0	feed	-1	True
85	70.9	-160.39	17	gray whale	3	1	feed	-1	True
97	70.94	-160.25	17	gray whale	3	1	feed	-1	False
98	70.94	-160.21	17	gray whale	2	1	feed	-1	False
110	70.94	-160.53	17	gray whale	1	0	feed	-1	True
116	70.93	-160.6	17	gray whale	1	0	feed	-1	False
117	70.93	-160.62	17	gray whale	2	1	feed	-1	False
119	70.93	-160.64	17	gray whale	2	1	feed	-1	False
137	70.97	-160.65	17	gray whale	2	1	rest	-1	True
143	70.94	-160.73	17	gray whale	1	0	rest	-1	False
209	71.21	-161.47	14	gray whale	1	0	feed	-1	True
221	71.25	-161.3	14	unid cetacean	1	0	feed	-1	False
223	71.25	-161.31	14	gray whale	2	1	swim	-1	False
224	71.27	-161.3	14	gray whale	1	0	feed	-1	False
236	71.24	-161.59	14	gray whale	3	1	swim	278	True
241	71.26	-161.59	14	gray whale	1	0	rest	-1	False
277	71.45	-162.4	14	gray whale	1	0	swim	-1	True
287	71.42	-162.53	14	bowhead whale	1	0	swim	-1	False
482	71.56	-164.56	15	beluga	1	0	swim	98	True
564	70.98	-162.29	17	gray whale	1	0	rest	-1	True
565	70.98	-162.29	17	gray whale	1	0	swim	-1	True
640	70.54	-160.7	17	gray whale	3	1	swim	-1	True
649	70.51	-160.6	17	unid cetacean	1	0	swim	-1	True
905	70.44	-163.53	18	beluga	2	0	swim	191	True
907	70.45	-163.58	18	beluga	1	0	swim	221	True
909	70.46	-163.6	18	beluga	1	0	swim	215	True
981	71	-165.77	15	unid cetacean	1	0	swim	-1	True
1016	71.18	-166.55	16	beluga	1	0	swim	308	True

Note: Post-flight mapping program did not plot correctly; this report includes a temporary map to show flightlines and cetacean sightings.

