

COMIDA – Flight 209 – July 9 2009

Area flown: Transect 3, partial; Transect 1

Total hours flown: 2.6

Total transect hours: 0.4

Number of bowheads seen: 1 (0 calves)

Weather and visibility: Marginal conditions with limited visibility due to rain and fog in most areas. Fog persisted in the southern part of the study area. Sea state was Beaufort 2 throughout the area surveyed. Ice varied from 0-30% in nearshore regions and 30-50% in offshore areas.

Sightings: Bowhead whale, gray whales, unidentified cetaceans (probable gray whales), walrus, and unidentified pinnipeds

Bowhead Preliminary Summary, Flight 209 Date: 7/9/2009

Total bowheads: 1	Start time: 7/9/2009 1:38:02 PM	End time: 7/9/2009 4:11:37 PM
Bowhead sightings: 1	Transect minutes: 26	Transect km: 89.6
Bowheads on transect: 0	Circling minutes: 7	Circling km: 0
Bowhead Cow-calf pairs: 0	Trans+Circ minutes: 33	Trans+Circ km: 89.6
Bowhead Cow-calf Pairs on transect: 0	Search minutes: 98	Search km: 331.3
Bowhead repeats: 1	Total minutes: 153	Total km: 504.5
Possible repeats: 0	Deadhead minutes: 22	Deadhead km: 83.6
Total gray whales: 32	Search blocks: 12, 13	
Total belugas: 0	Transect blocks: 13	
Other whale sightings: 10		
Total walrus: 1210		
Total bear: 0		

Event	Lat	Long	Block	Species	Total	Repeat	Calves	Swim direction	Swim Speed	Behavior	On effort
45	70.94	-158.43	13	gray whale	1	.	0	-1	.	feed	False
46	70.93	-158.45	13	unknown cetacean	1	.	0	-1	.	.	False
48	70.93	-158.39	13	bowhead	1	.	0	-1	.	swim	False
50	70.93	-158.4	13	gray whale	1	.	0	-1	.	feed	False
51	70.93	-158.38	13	gray whale	1	.	0	-1	.	feed	False
52	70.93	-158.4	13	gray whale	2	.	0	-1	.	.	False
54	70.93	-158.38	13	bowhead	1	yes	0	-1	.	.	False
87	71.02	-158.78	13	gray whale	1	.	0	-1	.	.	False
88	71.02	-158.81	13	gray whale	2	.	0	-1	.	feed	False
90	71.03	-158.74	13	gray whale	2	.	0	-1	.	feed	False
91	71.04	-158.74	13	gray whale	7	.	0	-1	.	feed	False
94	71.03	-158.82	13	gray whale	1	.	0	-1	.	feed	False
157	71.07	-158.39	13	gray whale	2	.	0	-1	.	feed	False
158	71.07	-158.36	13	unknown cetacean	1	.	0	-1	.	feed	False
159	71.08	-158.32	13	gray whale	1	.	0	-1	.	feed	False
160	71.08	-158.24	13	unknown cetacean	1	.	0	-1	.	feed	False

162	71.08	- 158.13	13	gray whale	1	.	0	-1	.	feed	False
163	71.09	- 158.11	13	gray whale	1	.	0	-1	.	feed	False
164	71.09	- 158.08	13	gray whale	1	.	0	-1	.	feed	False
165	71.09	- 158.07	13	unknown cetacean	1	.	0	-1	.	feed	False
166	71.1	- 158.04	13	gray whale	1	.	0	-1	.	feed	False
167	71.1	- 158.03	13	gray whale	1	.	0	-1	.	feed	False
168	71.1	- 158.01	13	gray whale	1	.	0	-1	.	feed	False
169	71.12	- 157.94	13	gray whale	3	.	0	-1	.	feed	False
170	71.13	- 157.87	13	unknown cetacean	1	.	0	-1	.	feed	False
178	71.18	- 157.52	13	gray whale	1	.	0	-1	.	feed	False
179	71.19	- 157.49	13	unknown cetacean	1	.	0	-1	.	feed	False
184	71.23	- 157.26	13	gray whale	1	.	0	-1	.	feed	False
186	71.25	- 157.18	13	unknown cetacean	1	.	0	-1	.	feed	False
188	71.26	- 157.11	13	unknown cetacean	3	.	0	-1	.	feed	False

Flightlines by Sea State

- B0 - B2
- B3, B4
- B5, B6
- B7 - B12
- n/a

**NMML/MMS
COMIDA Aerial Survey Program
Flight 209, 7/9/2009**

