

COMIDA – Flight 214 – July 28 2009

Area flown: Transects 8, 6, 5, partial; Transect 1, complete.

Total hours flown: 3.0

Total transect hours: 1.1

Number of bowheads seen: 0 (0 calves)

Weather and visibility: Calm seas (Beaufort 2 and 3) throughout most of the study area, with the exception of the northwest corner of Block 13, including Transect 1, where sea states were Beaufort 5 and 6. Thick fog precluded surveying the offshore regions of Transects 8, 6, and 5; otherwise, visibility ranged from 5 to 10 km with glare or no impediments.

Sightings: Gray whales (including seven individuals feeding in close proximity to each other off Transect 5); walrus (including three sightings with calves); unknown cetaceans (probable gray whales); unknown pinnipeds; and small unidentified pinnipeds.

Bowhead Preliminary Summary, Flight 214 Date: 7/28/2009

Total bowheads: 0	Start time: 7/28/2009 3:05:47 PM	End time: 7/28/2009 6:03:00 PM
Bowhead sightings: 0	Transect minutes: 65	Transect km: 229.9
Bowheads on transect: 0	Circling minutes: 13	Circling km: 16.1
Bowhead Cow-calf pairs: 0	Trans+Circ minutes: 78	Trans+Circ km: 246
Bowhead Cow-calf Pairs on transect: 0	Search minutes: 94	Search km: 338.2
Bowhead repeats: 0	Total minutes: 178	Total km: 606.9
Possible repeats: 0	Deadhead minutes: 6	Deadhead km: 22.7
Total gray whales: 15	Search blocks: 12, 0, 13, 14	
Total belugas: 0	Transect blocks: 13, 0, 14	
Other whale sightings: 6		
Total walrus: 30		
Total bear: 0		

Event	Lat	Long	Block	Species	Total	Repeat	Calves	Swim direction	Swim Speed	Behavior	On effort
10	71.17	-157.08	13	gray whale	1	.	0	-1	.	feed	False
13	71.13	-157.16	13	gray whale	1	.	0	-1	.	feed	False
14	71.11	-157.18	13	unknown cetacean	1	.	0	-1	.	.	False
30	71.01	-157.94	13	unknown cetacean	1	.	0	-1	.	.	False
50	70.92	-158.64	13	unknown cetacean	2	.	0	-1	.	swim	False
199	71.2	-158.25	13	gray whale	2	.	0	-1	.	feed	True
215	71.13	-158	13	gray whale	1	.	0	-1	.	rest	True
217	71.11	-157.94	13	gray whale	1	.	0	-1	.	.	True
204	71.15	-158.06	13	gray whale	1	.	0	-1	.	feed	True
205	71.14	-158.04	13	unknown cetacean	1	.	0	-1	.	.	True
207	71.14	-158.01	13	unknown cetacean	1	.	0	-1	.	.	False
208	71.14	-157.99	13	gray whale	6	.	0	-1	.	feed	False
219	71.08	-157.86	13	gray whale	1	.	0	-1	.	.	True
220	71.08	-157.85	13	gray whale	1	.	0	-1	.	feed	True

Flightlines by Sea State

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

**NMML/MMS
COMIDA Aerial Survey Program
Flight 214, 7/28/2009**

