

## COMIDA – Flight 210 – July 11 2009

Area flown: Transects 4, 7, 9, 11, Partial

Total hours flown: 4.0

Total transect hours: 1.0

Number of bowheads seen: 11 (0 calves)

Weather and visibility: Marginal conditions with limited visibility due to fog and low ceilings in offshore areas. A band of low-lying fog persisted approximately 25 nm offshore, precluding further surveying of transect lines. Sea state was excellent, varying from Beaufort 1-2 throughout the area surveyed. Ice varied from 0-90% throughout the area surveyed; areas south of Pt. Franklin appear largely ice free, but broken floe ice (10-90%) persisted between Pt. Franklin and Pt. Barrow.

Sightings: Bowhead whales (including at least one re-sight from a flight in June), gray whales (including one cow-calf pair), unidentified cetaceans, walrus, bearded seal, and unidentified pinnipeds

### Bowhead Preliminary Summary, Flight 210 Date: 7/11/2009

Total bowheads: 11	Start time: 7/11/2009 1:21:04 PM	End time: 7/11/2009 5:19:03 PM
Bowhead sightings: 4	Transect minutes: 58	Transect km: 204.2
Bowheads on transect: 0	Circling minutes: 41	Circling km: 55
Bowhead Cow-calf pairs: 0	Trans+Circ minutes: 99	Trans+Circ km: 259.2
Bowhead Cow-calf Pairs on transect: 0	Search minutes: 77	Search km: 283
Bowhead repeats: 0	Total minutes: 238	Total km: 792.6
Possible repeats: 0	Deadhead minutes: 62	Deadhead km: 250.4
Total gray whales: 16	Search blocks: 12, 13, 0, 17	
Total belugas: 0	Transect blocks: 0, 17, 14, 13	
Other whale sightings: 4		
Total walrus: 1119		
Total bear: 0		

Event	Lat	Long	Block	Species	Total	Repeat	Calves	Swim direction	Swim Speed	Behavior	On effort
43	70.89	-158.65	13	unknown cetacean	2	.	0	326	.	swim	False
95	70.6	-160.84	17	unknown cetacean	1	.	0	-1	.	.	True
96	70.6	-160.85	17	unknown cetacean	1	.	0	-1	.	feed	True
97	70.6	-160.86	17	gray whale	1	.	0	221	.	swim	True
113	70.83	-161.65	17	gray whale	2	.	0	10	.	swim	True
288	71.09	-157.27	13	gray whale	1	.	0	-1	.	feed	False
289	71.08	-157.29	13	gray whale	1	.	0	-1	.	feed	False
291	71.1	-157.27	13	gray whale	1	.	0	-1	.	feed	False
317	70.98	-158.06	13	bowhead	1	.	0	-1	.	.	False
319	70.96	-158.05	13	bowhead	2	.	0	-1	.	.	False
322	70.96	-157.96	13	gray whale	2	.	1	-1	.	cow with calf	False
332	70.96	-157.97	13	bowhead	7	.	0	-1	.	.	False
343	70.97	-158.06	13	gray whale	1	.	0	-1	.	feed	False

348	70.95	- 158.04	13	gray whale	1	.	0	-1	.	feed	False
360	70.95	- 158.54	13	bowhead	1	.	0	-1	.	.	False
361	70.95	- 158.54	13	gray whale	1	.	0	-1	.	.	False
362	70.95	- 158.52	13	gray whale	1	.	0	-1	.	.	False
399	71.1	- 158.41	13	gray whale	1	.	0	-1	.	feed	False
400	71.1	-158.4	13	gray whale	1	.	0	-1	.	feed	False
401	71.1	- 158.37	13	gray whale	1	.	0	-1	.	feed	False
402	71.1	- 158.35	13	gray whale	1	.	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 210, 7/11/2009**

