## **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.

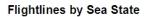
Sightings: Bowhead whales (including at least one re-sight from a flight in June), gray whales (including one cow-calf pair), unidentified cetaceans, walrus, bearded seal, and unidentified pinnipeds

## 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





- B3, B4

- B5, B6

**B**7 - B12

- n/a

## NMML/MMS COMIDA Aerial Survey Program Flight 210, 7/11/2009

