

## COMIDA – Flight 205 – July 1 2009

Area flown: Transects 22, 19 (partial), 3, 6, 8 and 10 (partial)

Total hours flown: 10.3

Total transect hours: 4.5

Number of bowheads seen: 7 (0 calves)

Weather and visibility: Excellent conditions with clear skies and good visibility in the areas surveyed. Open water persisted from nearshore to variable distances offshore, with Beaufort 1 to 4 sea state conditions. Ice offshore was 60-80%. Ice fog was encountered offshore, truncating the offshore ends of transects 19 and 10. [The northwest corner of the survey area has been persistently shrouded in low level fog, limiting offshore effort.]

Sightings: Bowhead whales (including one verified resighting from 30 June), gray whales, unidentified cetaceans, beluga, walrus, bearded seal, and unidentified pinnipeds

**Bowhead Preliminary Summary, Flight 205 Date: 7/1/2009 Summary Table manually revised to reflect minutes circling.**

Total bowheads: 7	Start time: 7/1/2009 10:34:42 AM	End time: 7/1/2009 10:20:00 PM
Bowhead sightings: 3	Transect minutes: 272	Transect km: 972.1
Bowheads on transect: 3	Circling minutes: 30	Circling km: 0
Bowhead Cow-calf pairs: 0	Trans+Circ minutes: 302	Trans+Circ km: 972.1
Bowhead Cow-calf Pairs on transect: 0	Search minutes: 239	Search km: 849.3
Bowhead repeats: 0	Total minutes: 618	Total km: 2132.3
Possible repeats: 0	Deadhead minutes: 77	Deadhead km: 310.9
Total gray whales: 28	Search blocks: 13, 0, 19, 20, 18, 17, 12, 14, 15	
Total belugas: 22	Transect blocks: 0, 20, 21, 19, 18, 13, 14, 15, 17	
Other whale sightings: 9		
Total walrus: 3437		
Total bear: 0		

Event	Lat	Long	Block	Species	Total	Repeat	Calves	Swim direction	Swim Speed	Behavior	On effort
457	70.37	-162.62	17	beluga whale	15	.	1	243	.	swim	False
458	70.38	-162.59	17	beluga whale	6	.	0	242	.	swim	False
495	70.72	-160.6	17	gray whale	1	.	0	274	.	.	False
496	70.72	-160.57	17	gray whale	1	.	0	184	.	swim	False
497	70.73	-160.56	17	gray whale	1	.	0	-1	.	dive	False
498	70.74	-160.5	17	gray whale	1	.	0	244	.	feed	False
499	70.75	-160.4	17	gray whale	4	.	0	-1	.	feed	False
502	70.78	-160.22	17	unknown cetacean	1	.	0	244	.	swim	False
541	71.09	-158.39	13	gray whale	3	.	0	-1	.	.	False
543	71.1	-158.32	13	unknown cetacean	3	.	0	-1	.	feed	False
544	71.11	-158.27	13	gray whale	1	.	0	-1	.	feed	False

562	71.25	- 157.33	13	gray whale	1	.	0	245	.	feed	False
531	71	- 158.82	13	gray whale	1	.	0	230	.	feed	False
532	71.01	- 158.79	13	gray whale	1	.	0	224	.	feed	False
533	71.02	- 158.76	13	unknown cetacean	1	.	0	-1	.	feed	False
534	71.03	- 158.74	13	gray whale	1	.	0	-1	.	feed	False
535	71.05	- 158.67	13	unknown cetacean	2	.	0	-1	.	.	False
537	71.07	- 158.57	13	gray whale	1	.	0	277	.	swim	False
567	71.28	- 157.09	13	gray whale	1	.	0	244	.	feed	False
783	71.1	- 158.68	13	unknown cetacean	1	.	0	-1	.	.	True
786	71.06	- 158.54	13	bowhead	1	.	0	223	slow	swim	True
788	71.05	- 158.53	13	gray whale	3	.	0	-1	.	.	False
790	71.05	- 158.69	13	gray whale	5	.	0	-1	.	feed	False
801	71.02	- 158.43	13	gray whale	1	.	0	-1	.	feed	True
782	71.11	-158.7	13	unknown cetacean	1	.	0	-1	.	.	True
793	71.06	- 158.73	13	gray whale	1	.	0	-1	.	.	False
848	70.86	-159.4	13	bowhead	2	.	0	134	slow	swim	True
851	70.87	- 159.33	13	bowhead	4	.	0	-1	.	feed	False
853	70.87	- 159.45	13	beluga whale	1	.	0	44	.	swim	True

Summary map does not include cetacean sightings without clinometer angles

**Flightlines by Sea State**

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

NMML/MMS  
COMIDA Aerial Survey Program  
Flight 205, 7/1/2009

