

## COMIDA – Flight 216 – 11 August 2009

Area flown: Transects 3, 4, 14, 17, partial; Coastal Transect completed south to nearly Pt. Lay.

Total hours flown: 5.1

Total transect hours: 3.2

Number of bowheads seen: 0 (0 calves)

Weather and visibility: Sea state was overall very good with Beaufort ranging from 2-5. Ceilings were variable and low precluding survey effort of offshore ends of transects. No ice was encountered during the transect effort.

Sightings: Gray whales, unidentified large cetaceans (probably gray whales), walrus, and unidentified pinnipeds.

### Bowhead Preliminary Summary, Flight 216 Date: 8/11/2009

Total bowheads: 0	Start time: 8/11/2009 11:03:22 AM	End time: 8/11/2009 4:10:59 PM
Bowhead sightings: 0	Transect minutes: 195	Transect km:693.2
Bowheads on transect: 0	Circling minutes: 10	Circling km: 10
Bowhead Cow-calf pairs: 0	Trans+Circ minutes: 205	Trans+Circ km: 703.2
Bowhead Cow-calf Pairs on transect: 0	Search minutes: 95	Search km: 357
Bowhead repeats: 0	Total minutes: 307	Total km: 1068.7
Possible repeats: 0	Deadhead minutes: 7	Deadhead km: 8.5
Total gray whales: 11	Search blocks: 12, 17, 0, 18, 15, 13	
Total belugas: 0	Transect blocks: 12, 0, 13, 17, 20, 18, 15	
Other whale sightings: 11		
Total walrus: 0		
Total bear: 0		

Event	Lat	Long	Block	Species	Total	Repeat	Calves	Swim direction	Swim Speed	Behavior	On effort
405	70.78	-161.03	17	unknown cetacean	1	.	0	-1	.	.	False
408	70.81	-160.8	17	gray whale	1	.	0	-1	.	swim	False
421	70.85	-160.4	17	gray whale	2	.	0	-1	.	feed	False
423	70.86	-160.26	17	unknown cetacean	1	.	0	253	.	swim	False
463	71.04	-157.99	13	unknown cetacean	1	.	0	-1	.	feed	False
464	71.05	-157.91	13	unknown cetacean	1	.	0	-1	.	feed	False
398	70.77	-161.24	17	unknown cetacean	1	.	0	-1	.	.	False
400	70.77	-161.2	17	unknown cetacean	1	.	0	-1	.	feed	False
414	70.81	-160.82	17	gray whale	3	.	0	-1	.	feed	False
418	70.83	-160.68	17	gray whale	1	.	0	-1	.	.	False
419	70.83	-160.58	17	unknown cetacean	1	.	0	-1	.	.	False
420	70.84	-160.46	17	gray whale	1	.	0	136	.	swim	False
450	70.98	-158.85	13	unknown cetacean	1	.	0	46	.	swim	False
456	71.01	-158.4	13	unknown cetacean	2	.	0	-1	.	feed	False
457	71.01	-158.38	13	gray whale	1	.	0	-1	.	feed	False
486	71.21	-157.5	13	unknown cetacean	1	.	0	-1	.	.	True

487	71.21	- 157.52	13	gray whale	1	.	0	-1	.	feed	True
488	71.23	- 157.55	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 216, 8/11/2009**

