

## COMIDA – Flight 204 – June 30 2009

Area flown: Transects 16, 13, 12, and 10, partial; Coastal Transect, partial

Total hours flown: 5.7

Total transect hours: 2.4

Number of bowheads seen: 13 (0 calves)

Weather and visibility: Excellent conditions with clear skies and good visibility in the areas surveyed. Open water persisted from nearshore out to 45 to 65 miles offshore, with Beaufort 1 to 2 sea state conditions. Ice offshore was 70-80%. Ice fog was encountered offshore near the ice edge, truncating all 4 transects.

Sightings: Bowhead whales, gray whales, beluga, walrus, bearded seal, and unidentified pinnipeds

### Bowhead Preliminary Summary, Flight 204 Date: 6/30/2009

Total bowheads: 13	Start time: 6/30/2009 11:15:49 AM	End time: 6/30/2009 4:57:51 PM
Bowhead sightings: 3	Transect minutes: 143	Transect km: 507.3
Bowheads on transect: 4	Circling minutes: 59	Circling km: 0
Bowhead Cow-calf pairs: 0	Trans+Circ minutes: 143	Trans+Circ km: 507.3
Bowhead Cow-calf Pairs on transect: 0	Search minutes: 59	Search km: 224.2
Bowhead repeats: 0	Total minutes: 342	Total km: 1057.7
Possible repeats: 0	Deadhead minutes: 81	Deadhead km: 326.2
Total gray whales: 22	Search blocks: 19, 15, 17, 0, 13, 12	
Total belugas: 1	Transect blocks: 17, 18, 19, 15, 13	
Other whale sightings: 0		
Total walrus: 937		
Total bear: 0		

Event	Lat	Long	Block	Species	Total	Repeat	Calves	Swim direction	Swim Speed	Behavior	On effort
83	70.1	-163.02	18	beluga whale	1	no	0	129	slow	swim	True
402	70.77	-160.68	17	gray whale	1	.	0	-1	.	.	False
404	70.79	-160.78	17	gray whale	3	.	0	-1	.	.	False
416	70.73	-160.53	17	gray whale	3	.	0	-1	.	feed	True
417	70.72	-160.51	17	gray whale	1	.	0	-1	.	.	True
400	70.78	-160.71	17	gray whale	1	.	0	-1	.	.	True
412	70.77	-160.66	17	gray whale	3	.	0	132	slow	swim	True
413	70.75	-160.6	17	gray whale	1	.	0	41	.	feed	True
414	70.75	-160.59	17	gray whale	1	.	0	-1	.	dive	True
487	70.91	-158.97	13	bowhead	4	.	0	-1	.	feed	True
493	70.93	-158.98	13	bowhead	6	.	0	-1	.	feed	False
557	71.24	-157.34	13	gray whale	2	.	0	53	slow	swim	False
460	70.72	-160.32	17	gray whale	3	.	0	-1	.	feed	False
462	70.74	-160.17	17	gray whale	1	.	0	-1	.	dive	False

494	70.93	- 159.02	13	bowhead	3	.	0	-1	.	feed	False
552	71.18	- 157.62	13	gray whale	1	.	0	-1	.	feed	False
565	71.29	- 156.99	12	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 204, 6/30/2009**

