

COMIDA – Flight 213 – July 26 2009

Area flown: Transects 4, 7, 9, and 10, complete; Transect 11, partial; Coastal Transect from Wainwright to Pt. Franklin.

Total hours flown: 8.6 (2 flights)

Total transect hours: 4.6

Number of bowheads seen: 1 (0 calves)

Weather and visibility: Sea ice ranged from 0 to 80% throughout the area surveyed. Regions with sea ice had excellent survey conditions, with Beaufort 1 to 2 seas, and visibility ranging from 5-10 km except for a few patches of fog and precipitation. High Beaufort (5 – 7) and visibility out to 5-10 km persisted over open water.

Sightings: One bowhead; gray whales feeding along the ice edge on Transects 9 and 10, and near Barrow; unidentified cetaceans (one a probable bowhead and several likely gray whales); many walrus sightings on ice and swimming in water over Hanna Shoal, including sightings of females with calves and aggregations of 50 to 80 individuals; unidentified pinnipeds.

Bowhead Preliminary Summary, Flight 213 Date: 7/26/2009

Total bowheads: 1	Start time: 7/26/2009 9:19:07 AM	End time: 7/26/2009 8:02:13 PM
Bowhead sightings: 1	Transect minutes: 275	Transect km: 968.5
Bowheads on transect: 0	Circling minutes: 31	Circling km: 43.7
Bowhead Cow-calf pairs: 0	Trans+Circ minutes: 306	Trans+Circ km: 1012.2
Bowhead Cow-calf Pairs on transect: 0	Search minutes: 200	Search km: 825.5
Bowhead repeats: 0	Total minutes: 515	Total km: 1869.5
Possible repeats: 0	Deadhead minutes: 9	Deadhead km: 31.8
Total gray whales: 29	Search blocks: 12, 13, 0, 14, 15, 17, 16	
Total belugas: 0	Transect blocks: 15, 0, 14, 17, 13, 16	
Other whale sightings: 7		
Total walrus: 813		
Total bear: 0		

Event	Lat	Long	Block	Species	Total	Repeat	Calves	Swim direction	Swim Speed	Behavior	On effort
6	71.29	-156.92	12	gray whale	1	.	0	201	.	swim	False
7	71.3	-156.99	13	gray whale	1	.	0	-1	.	feed	False
8	71.3	-157.01	13	gray whale	1	.	0	-1	.	feed	False
10	71.31	-157.13	13	unknown cetacean	1	.	0	-1	.	.	False
12	71.29	-157.13	13	unknown cetacean	1	.	0	-1	.	.	False
14	71.28	-157.15	13	gray whale	1	.	0	-1	.	feed	False
15	71.3	-157.11	13	gray whale	1	.	0	-1	.	feed	False
16	71.28	-157.15	13	gray whale	1	.	0	-1	.	.	False
17	71.28	-157.14	13	bowhead	1	.	0	-1	.	swim	False
252	70.83	-160.89	17	gray whale	2	.	0	-1	.	feed	True
253	70.83	-160.87	17	gray whale	3	.	0	-1	.	feed	True

256	70.82	- 160.83	17	unknown cetacean	1	.	0	-1	.	feed	False
259	70.8	- 160.78	17	unknown cetacean	1	.	0	-1	.	feed	True
260	70.8	- 160.76	17	unknown cetacean	2	.	0	-1	.	feed	True
536	71.18	- 157.08	13	gray whale	1	.	0	205	.	swim	True
541	71.23	- 157.02	13	gray whale	1	.	0	-1	.	.	False
862	70.92	-160.4	17	gray whale	1	.	0	-1	.	feed	True
863	70.92	-160.4	17	gray whale	2	.	0	-1	.	feed	True
864	70.92	- 160.39	17	gray whale	1	.	0	-1	.	feed	True
865	70.91	- 160.35	17	gray whale	2	.	0	-1	.	feed	True
866	70.91	- 160.34	17	gray whale	1	.	0	-1	.	feed	True
867	70.9	- 160.33	17	gray whale	1	.	0	-1	.	feed	True
892	70.87	- 159.22	13	unknown cetacean	1	.	0	-1	.	.	False
915	71.08	- 157.94	13	gray whale	1	.	0	-1	.	feed	False
925	71.2	- 157.43	13	gray whale	1	.	0	235	.	feed	False
927	71.23	-157.3	13	gray whale	1	.	0	-1	.	feed	False
930	71.26	- 157.15	13	gray whale	2	.	0	-1	.	feed	False
931	71.27	- 157.12	13	gray whale	1	.	0	-1	.	feed	False
932	71.28	- 157.09	13	gray whale	1	.	0	-1	.	feed	False
933	71.29	- 157.04	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 213, 7/26/2009**

