

COMIDA – Flight 221 – 21 August 2009

Area flown: Transects 14, 11 and 9, partial; coastal transect completed from north of Wainwright to Pt. Barrow

Total hours flown: 4.8

Total transect hours: 2.6

Number of bowheads seen: 0 (0 calves)

Weather and visibility: Ceilings and visibility were mostly excellent with intermittent glare. Sea state conditions were variable and ranged from Beaufort 1 to 6. Sea state was worse to the south and offshore, while conditions along the shore were excellent.

Sightings: Gray whales, unidentified cetaceans (probable gray whales) and walrus. Two whale carcasses were observed along the beach, one probable gray whale south of Barrow and one unidentified carcass at Pt. Barrow.

Bowhead Preliminary Summary, Flight 221 Date: 8/21/2009

Total bowheads: 0	Start time: 8/21/2009 12:34:11 PM	End time: 8/21/2009 5:20:04 PM
Bowhead sightings: 0	Transect minutes: 153	Transect km: 523.4
Bowheads on transect: 0	Circling minutes: 29	Circling km: 92.7
Bowhead Cow-calf pairs: 0	Trans+Circ minutes: 182	Trans+Circ km: 616.1
Bowhead Cow-calf Pairs on transect: 0	Search minutes: 89	Search km: 345.4
Bowhead repeats: 0	Total minutes: 286	Total km: 1016.8
Possible repeats: 0	Deadhead minutes: 12	Deadhead km: 55.3
Total gray whales: 31	Search blocks: 12, 13, 17, 15	
Total belugas: 0	Transect blocks: 17, 0, 14, 15, 13, 12	
Other whale sightings: 4		
Total walrus: 170		
Total bear: 0		

Event	Lat	Long	Block	Species	Total	Repeat	Calves	Swim direction	Swim Speed	Behavior	On effort
24	71.15	-157.55	13	unknown cetacean	2	.	0	-1	.	.	False
30	71.11	-157.74	13	gray whale	1	.	0	181	.	swim	False
31	71.11	-157.77	13	gray whale	1	.	0	-1	.	feed	False
34	71.09	-157.87	13	gray whale	2	.	0	-1	.	feed	False
45	71.01	-158.28	13	gray whale	1	.	0	-1	.	feed	False
47	71.01	-158.3	13	gray whale	1	.	0	-1	.	feed	False
611	70.91	-158.92	13	gray whale	1	.	0	88	.	swim	True
628	70.88	-158.66	13	gray whale	1	.	0	-1	.	feed	True
631	70.87	-158.62	13	gray whale	2	.	0	277	.	swim	True
634	70.85	-158.55	13	gray whale	1	.	0	277	.	swim	True
642	70.83	-158.36	13	gray whale	1	.	0	200	.	swim	True
479	70.94	-160.48	17	gray whale	3	.	0	-1	.	feed	True
538	70.91	-160.35	17	gray whale	2	.	0	-1	.	feed	True
499	70.94	-160.47	17	gray whale	7	.	0	-1	.	feed	False

523	70.91	-160.38	17	gray whale	1	.	0	-1	.	feed	True
530	70.87	-160.43	17	gray whale	6	.	0	-1	.	feed	False
703	71.19	-157	13	unknown cetacean	1	.	0	-1	.	dead	False
726	71.39	-156.46	12	unknown cetacean	1	.	0	-1	.	dead	False



NMML/MMS
COMIDA Aerial Survey Program
Flight 221, 8/21/2009

