

COMIDA – Flight 257 – 29 September 2011

Area flown: Transects 10 and 12, complete; coastal transect from just north of Icy Cape to Barrow.

Total hours flown: 5.1

Total transect hours: 3.7

Number of bowheads seen: 1 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast, with scattered snow showers throughout the study area. Visibility ranged from 0-10 km, and sea state ranged from Beaufort 1-4. No sea ice was present in the area surveyed.

Sightings: Bowhead whales, gray whales, belugas, walrus, bearded seals, unidentified pinnipeds and unidentified marine mammals (splash observed; unable to re-sight).

Bowhead Preliminary Summary, Flight 257 Date: 9/29/2011

Total bowheads: 1	Start time: 9/29/2011 11:54:06 AM	End time: 9/29/2011 4:58:00 PM
Bowhead sightings: 1	Transect minutes: 222	Transect km: 762
Bowheads on transect: 1	Circling minutes: 27	Circling km: 83
Bowhead Cow-calf pairs: 0	Trans+Circ minutes: 249	Trans+Circ km: 845
Bowhead Cow-calf Pairs on transect: 0	Search minutes: 21	Search km: 65.4
Bowhead repeats: 0	Total minutes: 304	Total km: 1094.6
Possible repeats: 0	Deadhead minutes: 34	Deadhead km: 184.2
Total gray whales: 8	Search blocks: 17, 16, 13, 12	
Total belugas: 12	Transect blocks: 17, 14, 15, 16, 18, 0, 13, 12	
Other whale sightings: 11		
Total walrus: 20		
Total bear: 0		

Event	Lat	Long	Block	Species	Total	Repeat	Calves	Swim direction	Swim Speed	Behavior	On effort
99	70.73	-161.15	17	gray whale	1	.	0	130	.	swim	True
617	70.45	-161.72	17	unid marine mammal	1	.	0	-1	.	.	False
100	70.74	-161.17	17	gray whale	3	.	0	-1	.	feed	True
108	70.75	-161.12	17	gray whale	4	.	0	-1	.	.	False
167	71.01	-162.16	14	beluga	1	.	0	-1	.	rest	True
201	71.26	-163.1	15	beluga	2	.	0	220	.	swim	True
230	71.47	-163.89	15	beluga	2	.	0	128	.	swim	True
457	71.38	-165.3	15	beluga	1	.	0	-1	.	rest	True
601	70.45	-161.74	17	unid marine mammal	5	.	0	-1	.	swim	True
500	71.08	-164.09	15	bowhead	1	.	0	-1	.	rest	True
577	70.54	-162.05	17	unid marine mammal	5	.	0	-1	.	unknown	True
720	70.91	-158.93	13	beluga	6	.	2	74	.	swim	True

Flightlines by Sea State

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

Cetacean Sightings - Labeled by sighting number as shown on Summary Table

NMML/MMS
COMIDA Aerial Survey Program
Flight 257, 9/29/2011

