

COMIDA – Flight 220 – 18 July 2011

Area flown: Transect lines 22 and 24, partial; coastal transect from Cape Lisburne to Pt. Lay.

Total hours flown: 4.9

Total transect hours: 2.3

Number of bowheads seen: 0 (0 calves)

Weather and visibility: Skies were clear to partly cloudy. Sea state ranged from Beaufort 1-5.

Visibility ranged from 0-10 km, with widespread fog on the offshore end of the transect lines and south of the nearshore end of transect line 24. The survey area was ice free. Offshore fog precluded complete coverage of transect lines.

Sightings: Gray whales, belugas, three minke whales, walruses, bearded seals, unidentified pinnipeds and two brown bears. A large group of approximately 180 belugas were milling close to shore near transect line 22 in Survey Block 20.

Bowhead Preliminary Summary, Flight 220 Date: 7/18/2011

Total bowheads: 0	Start time: 7/18/2011 11:39:23 AM	End time: 7/18/2011 4:33:59 PM
Bowhead sightings: 0	Transect minutes: 138	Transect km: 473.7
Bowheads on transect: 0	Circling minutes: 28	Circling km: 84.5
Bowhead Cow-calf pairs: 0	Trans+Circ minutes: 166	Trans+Circ km: 558.2
Bowhead Cow-calf Pairs on transect: 0	Search minutes: 18	Search km: 56.8
Bowhead repeats: 0	Total minutes: 294	Total km: 1291.6
Possible repeats: 0	Deadhead minutes: 110	Deadhead km: 676.6
Total gray whales: 4	Search blocks: 20, 21	
Total belugas: 182	Transect blocks: 20, 21, 0	
Other whale sightings: 3		
Total walrus: 6		
Total bear: 0		

Event	Lat	Long	Block	Species	Total	Repeat	Calves	Swim direction	Swim Speed	Behavior	On effort
129	69.02	-163.99	20	minke whale	2	.	0	-1	.	mill	False
206	69.18	-165.02	20	beluga	1	.	0	-1	.	rest	True
463	68.96	-165.79	20	beluga	1	.	0	278	.	swim	True
488	68.88	-165.31	20	gray whale	2	.	1	-1	.	feed	True
490	68.89	-165.26	20	gray whale	1	.	0	-1	.	feed	True
554	69.12	-163.63	20	beluga	180	.	0	-1	.	mill	True
496	68.9	-165.07	20	gray whale	1	.	0	53	.	swim	True
516	68.94	-164.44	20	minke whale	1	.	0	-1	.	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 220, 7/18/2011

