

COMIDA – Flight 201 – 17 June 2011

Area flown: Transect lines 1, 3, 5 and 7, complete.

Total hours flown: 4.3

Total transect hours: 2.9

Number of bowheads seen: 0

Weather and visibility: Partly cloudy to clear. Sea state ranged from Beaufort 0-3. Visibility was 5-10 km with some glare. Ice cover ranged from 0-100%. The offshore ice edge (>95% broken floe) is near 71.5°N in block 13 and farther north in block 14. Shorefast ice persists between Pt. Barrow and Pt. Franklin; very little shorefast ice remains south of Pt. Franklin.

Sightings: Gray whales, belugas, unidentified cetacean, walrus, bearded seals and small unidentified seals. All walrus were swimming, and most were near the broken floe ice edge.

Bowhead Preliminary Summary, Flight 201 Date: 6/17/2011

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|---------------------------------------|------------------------------------|--------------------------------|
| Total bowheads: 0 | Start time: 6/17/2011 2:45:51 PM | End time: 6/17/2011 7:03:09 PM |
| Bowhead sightings: 0 | Transect minutes: 175 | Transect km: 588.3 |
| Bowheads on transect: 0 | Circling minutes: 6 | Circling km: 12.6 |
| Bowhead Cow-calf pairs: 0 | Trans+Circ minutes: 181 | Trans+Circ km: 600.9 |
| Bowhead Cow-calf Pairs on transect: 0 | Search minutes: 57 | Search km: 189.2 |
| Bowhead repeats: 0 | Total minutes: 258 | Total km: 792.5 |
| Possible repeats: 0 | Deadhead minutes: 20 | Deadhead km: 2.4 |
| Total gray whales: 3 | Search blocks: 12, 0, 13, 14, 15 | |
| Total belugas: 11 | Transect blocks: 12, 13, 0, 14, 15 | |
| Other whale sightings: 1 | | |
| Total walrus: 119 | | |
| Total bear: 0 | | |

| Event | Lat | Long | Block | Species | Total | Repeat | Calves | Swim direction | Swim Speed | Behavior | On effort |
|-------|-------|---------|-------|------------------|-------|--------|--------|----------------|------------|----------|-----------|
| 270 | 71.1 | -158.52 | 13 | gray whale | 1 | . | 0 | 42 | . | swim | True |
| 280 | 71.11 | -158.56 | 13 | gray whale | 2 | . | 1 | -1 | . | swim | True |
| 283 | 71.1 | -158.58 | 13 | unknown cetacean | 1 | . | 0 | -1 | . | . | False |
| 299 | 71.2 | -158.84 | 13 | beluga | 10 | . | 3 | 225 | . | swim | True |
| 300 | 71.21 | -158.85 | 13 | beluga | 1 | . | 0 | 223 | . | 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 201, 6/17/2011

