

BWASP – Flight 9 – 22 September 2010

Area flown: Blocks 4 and 5; four partial transects

Total hours flown: 3.7

Total transect hours: 0.4

Number of bowheads seen: 21 (0 calves)

Weather and visibility: Skies were a mix of overcast and partly cloudy throughout the survey area. Sea state was Beaufort 2 and 3. Visibility ranged from 0 to 10 km with low ceilings and snow showers precluding complete coverage of all tracklines attempted in both Blocks 4 and 5. No sea ice was present in the area surveyed.

Sightings: Bowhead whales, an unidentified cetacean, polar bears, and unidentified pinnipeds.

Bowhead Preliminary Summary, Flight 9 Date: 9/22/2010

| | | |
|---------------------------------------|-----------------------------------|--------------------------------|
| Total bowheads: 22 | Start time: 9/22/2010 11:24:00 AM | End time: 9/22/2010 3:08:27 PM |
| Bowhead sightings: 18 | Transect minutes: 26 | Transect km: 90.8 |
| Bowheads on transect: 6 | Circling minutes: 35 | Circling km: 99.1 |
| Bowhead Cow-calf pairs: 0 | Trans+Circ minutes: 61 | Trans+Circ km: 189.9 |
| Bowhead Cow-calf Pairs on transect: 0 | Search minutes: 61 | Search km: 203.3 |
| Bowhead repeats: 1 | Total minutes: 224 | Total km: 822.4 |
| Possible repeats: 0 | Deadhead minutes: 102 | Deadhead km: 429.2 |
| Total gray whales: 0 | Search blocks: 0, 4, 5 | |
| Total belugas: 0 | Transect blocks: 4, 5 | |
| Other whale sightings: 1 | | |
| Total walrus: 0 | | |
| Total bear: 5 | | |

| Event | Lat | Long | Block | Species | Total | Repeat | Calves | Swim direction | Swim Speed | Behavior | On effort |
|-------|-------|---------|-------|------------------|-------|--------|--------|----------------|------------|----------|-----------|
| 64 | 70.1 | -145.48 | 4 | bowhead | 2 | no | 0 | 157 | . | swim | False |
| 90 | 70.09 | -145.39 | 4 | bowhead | 1 | no | 0 | -1 | . | mill | False |
| 91 | 70.09 | -145.38 | 4 | bowhead | 1 | no | 0 | -1 | . | mill | False |
| 100 | 70.08 | -145.12 | 4 | unknown cetacean | 1 | no | 0 | -1 | . | dive | False |
| 119 | 70.06 | -144.94 | 4 | bowhead | 1 | no | 0 | 187 | . | swim | False |
| 151 | 70.2 | -144.11 | 4 | bowhead | 1 | no | 0 | 59 | . | swim | True |
| 198 | 70.18 | -143.98 | 4 | bowhead | 1 | no | 0 | 301 | . | swim | True |
| 220 | 70.15 | -143.53 | 4 | bowhead | 1 | no | 0 | 38 | . | swim | False |
| 230 | 70.15 | -143.24 | 4 | bowhead | 2 | no | 0 | -1 | . | swim | False |
| 236 | 70.16 | -143.15 | 4 | bowhead | 1 | no | 0 | -1 | . | swim | False |
| 238 | 70.16 | -143.14 | 4 | bowhead | 1 | no | 0 | -1 | . | swim | False |
| 246 | 70.16 | -143.16 | 4 | bowhead | 2 | no | 0 | -1 | . | swim | False |
| 280 | 70.06 | -142.77 | 5 | bowhead | 1 | no | 0 | -1 | . | dive | False |
| 289 | 69.99 | -142.51 | 5 | bowhead | 2 | no | 0 | 312 | . | swim | False |
| 293 | 69.99 | -142.46 | 5 | bowhead | 1 | no | 0 | -1 | . | dive | False |

| | | | | | | | | | | | |
|-----|-------|-------------|---|---------|---|-----|---|-----|---|------|-------|
| 295 | 70.01 | - 142.48 | 5 | bowhead | 2 | yes | 0 | -1 | . | swim | False |
| 320 | 69.98 | - 142.32 | 5 | bowhead | 1 | no | 0 | 300 | . | swim | True |
| 321 | 69.99 | - 142.32 | 5 | bowhead | 1 | no | 0 | 300 | . | swim | True |
| 322 | 69.99 | - 142.32 | 5 | bowhead | 1 | no | 0 | 330 | . | swim | True |
| 399 | 69.81 | - 141.65 | 5 | bowhead | 1 | no | 0 | 120 | . | swim | True |



NMML/MMS
Bowhead Whale Aerial Survey Program
Flight 9, 9/22/2010

