

## ASAMM-Chukchi – Flight 252 – 26 October 2013

Area flown: Block 12, 6 complete transects.

Total hours flown: 6.1 (2 flights)

Total transect hours: 2.5

Number of bowheads seen: 37 (4 calves)

Weather and visibility: Skies were overcast. Visibility ranged from 0 to 10 km with glare, fog, precipitation, low ceilings and haze. Sea states ranged from Beaufort 0 to 5.

Grease, new, broken floe, and shorefast sea ice ranging from 0 to 100% concentration was observed in the area surveyed.

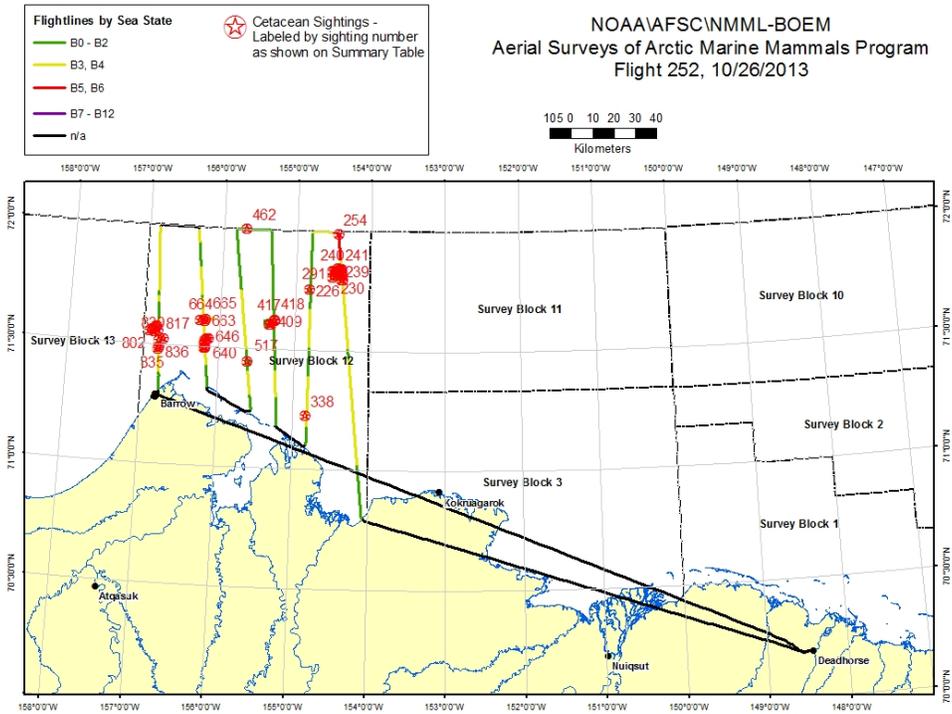
Sightings: Bowhead whales, one gray whale, belugas, an unidentified cetacean, and a bearded seal. One of the bowhead whale cow-calf pairs (Event 646) was comprised of two calves with a single adult.

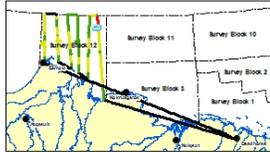
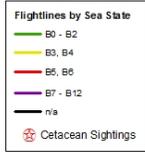
### Preliminary Summary, Flight 252 Date: 10/26/2013

|   |                                    |                                 |
|---|------------------------------------|---------------------------------|
| Total bowhead whales: 37                    | Start time: 10/26/2013 11:18:03 AM | End time: 10/26/2013 6:10:26 PM |
| Bowhead whale sightings: 28                 | Transect minutes: 152              | Transect km: 554.1              |
| Bowhead whales on transect: 15              | Circling minutes: 95               | Circling km: 258.6              |
| Bowhead whale cow-calf pairs: 4             | Trans+Circ minutes: 247            | Trans+Circ km: 812.7            |
| Bowhead whale cow-calf pairs on transect: 2 | Search minutes: 8                  | Search km: 31.6                 |
| Bowhead whale repeats: 0                    | Total minutes: 368                 | Total km: 1462.6                |
| Possible repeats: 0                         | Deadhead minutes: 113              | Deadhead km: 618.3              |
| Total gray whales: 1                        | Search blocks: 12, 0               |                                 |
| Total belugas: 24                           | Transect blocks: 12                |                                 |
| Other whale sightings: 1                    |                                    |                                 |
| Total walrus: 0                             |                                    |                                 |
| Total polar bears: 0                        |                                    |                                 |

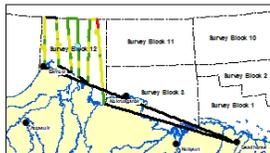
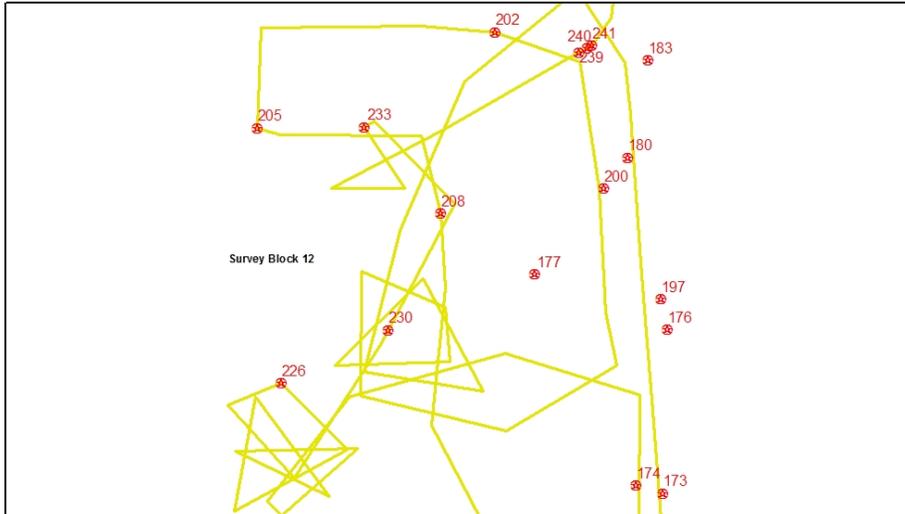
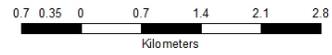
| Event | Lat   | Long    | Block | Species       | Total | Calves | Behavior | Swim Direction | On Effort |
|-------|-------|---------|-------|---------------|-------|--------|----------|----------------|-----------|
| 173   | 71.8  | -154.38 | 12    | beluga        | 1     | 0      | swim     | -1             | True      |
| 174   | 71.8  | -154.38 | 12    | beluga        | 1     | 0      | swim     | 355            | True      |
| 176   | 71.82 | -154.39 | 12    | beluga        | 1     | 0      | swim     | -1             | True      |
| 177   | 71.82 | -154.39 | 12    | bowhead whale | 1     | 0      | swim     | 174            | True      |
| 180   | 71.83 | -154.39 | 12    | beluga        | 1     | 0      | swim     | -1             | True      |
| 183   | 71.84 | -154.4  | 12    | beluga        | 1     | 0      | swim     | -1             | False     |
| 197   | 71.82 | -154.4  | 12    | beluga        | 1     | 0      | mill     | -1             | False     |
| 200   | 71.83 | -154.4  | 12    | beluga        | 1     | 0      | swim     | -1             | False     |
| 202   | 71.85 | -154.44 | 12    | beluga        | 3     | 0      | swim     | -1             | False     |
| 205   | 71.84 | -154.52 | 12    | beluga        | 2     | 1      | swim     | -1             | False     |
| 208   | 71.83 | -154.46 | 12    | beluga        | 1     | 0      | swim     | -1             | False     |
| 226   | 71.81 | -154.51 | 12    | beluga        | 1     | 0      | swim     | -1             | False     |
| 230   | 71.82 | -154.47 | 12    | beluga        | 1     | 0      | swim     | -1             | False     |
| 233   | 71.84 | -154.48 | 12    | bowhead whale | 2     | 0      | swim     | -1             | False     |
| 239   | 71.84 | -154.41 | 12    | beluga        | 3     | 0      | swim     | -1             | False     |
| 240   | 71.85 | -154.41 | 12    | beluga        | 1     | 0      | swim     | -1             | False     |
| 241   | 71.85 | -154.41 | 12    | beluga        | 1     | 0      | swim     | -1             | False     |
| 254   | 71.99 | -154.44 | 12    | beluga        | 1     | 0      | swim     | -1             | True      |
| 291   | 71.75 | -154.8  | 12    | bowhead whale | 1     | 0      | swim     | -1             | False     |
| 338   | 71.23 | -154.81 | 12    | beluga        | 2     | 0      | swim     | 30             | True      |
| 396   | 71.6  | -155.28 | 12    | bowhead whale | 2     | 0      | swim     | -1             | True      |
| 409   | 71.61 | -155.31 | 12    | bowhead whale | 1     | 0      | swim     | -1             | False     |
| 417   | 71.62 | -155.28 | 12    | bowhead whale | 1     | 0      | swim     | -1             | True      |
| 418   | 71.62 | -155.28 | 12    | bowhead whale | 1     | 0      | swim     | -1             | True      |
| 462   | 72    | -155.69 | 0     | beluga        | 1     | 0      | swim     | -1             | False     |
| 517   | 71.45 | -155.61 | 12    | unid cetacean | 1     | 0      | swim     | 263            | True      |
| 606   | 71.49 | -156.18 | 12    | bowhead whale | 1     | 0      | swim     | -1             | True      |
| 607   | 71.5  | -156.18 | 12    | bowhead whale | 1     | 0      | swim     | -1             | True      |
| 610   | 71.51 | -156.2  | 12    | bowhead whale | 1     | 0      | swim     | -1             | False     |

|     |       |         |    |               |   |   |      |    |       |
|-----|-------|---------|----|---------------|---|---|------|----|-------|
| 615 | 71.5  | -156.18 | 12 | gray whale    | 1 | 0 | swim | -1 | False |
| 635 | 71.53 | -156.18 | 12 | bowhead whale | 1 | 0 | swim | -1 | False |
| 637 | 71.52 | -156.18 | 12 | bowhead whale | 2 | 0 | swim | -1 | False |
| 640 | 71.53 | -156.16 | 12 | bowhead whale | 2 | 0 | swim | -1 | False |
| 646 | 71.53 | -156.13 | 12 | bowhead whale | 3 | 2 | swim | -1 | False |
| 663 | 71.61 | -156.21 | 12 | bowhead whale | 1 | 1 | swim | -1 | True  |
| 664 | 71.61 | -156.21 | 12 | bowhead whale | 2 | 1 | swim | -1 | True  |
| 665 | 71.61 | -156.21 | 12 | bowhead whale | 1 | 0 | dive | -1 | True  |
| 777 | 71.58 | -156.8  | 12 | bowhead whale | 1 | 0 | swim | -1 | True  |
| 778 | 71.57 | -156.8  | 12 | bowhead whale | 1 | 0 | swim | -1 | True  |
| 781 | 71.56 | -156.81 | 12 | bowhead whale | 2 | 0 | swim | -1 | False |
| 783 | 71.57 | -156.85 | 12 | bowhead whale | 1 | 0 | swim | -1 | False |
| 793 | 71.56 | -156.89 | 12 | bowhead whale | 2 | 0 | swim | -1 | False |
| 797 | 71.55 | -156.92 | 12 | bowhead whale | 1 | 0 | swim | -1 | False |
| 802 | 71.55 | -156.86 | 12 | bowhead whale | 1 | 0 | swim | -1 | False |
| 817 | 71.52 | -156.79 | 12 | bowhead whale | 1 | 0 | swim | -1 | False |
| 830 | 71.52 | -156.73 | 12 | bowhead whale | 1 | 0 | swim | -1 | False |
| 835 | 71.49 | -156.79 | 12 | bowhead whale | 1 | 0 | swim | -1 | True  |
| 836 | 71.48 | -156.79 | 12 | bowhead whale | 1 | 0 | swim | -1 | True  |

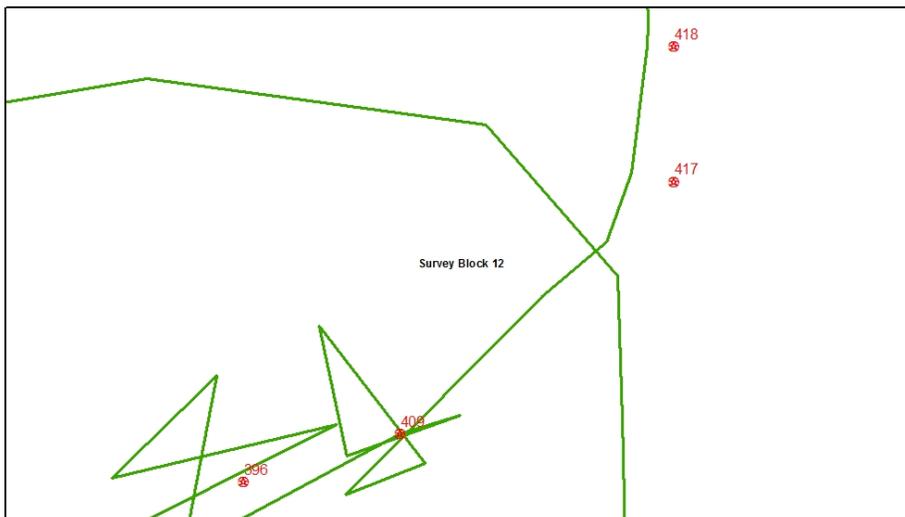


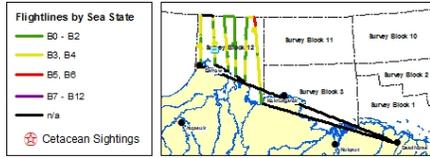


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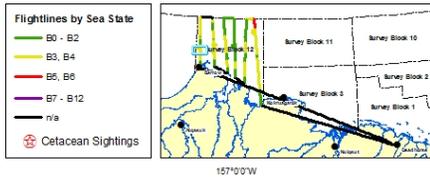
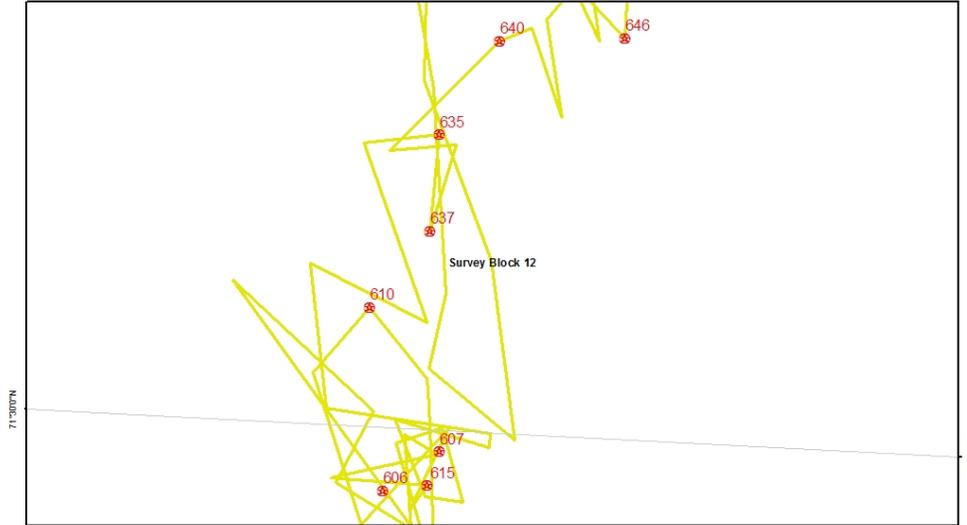
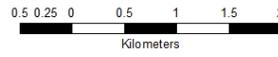


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