

ASAMM-Chukchi – Flight 211 – 22 July 2017

Area flown: Transects 21, 28, 29, 30, 31, complete.

Total hours flown: 7.3 (2 flights)

Total transect hours: 2.9

Number of bowhead whales seen: 2 (0 calves)

Weather and visibility: Skies were overcast to partly cloudy. Sea state ranged from Beaufort 2 to 3. Visibility ranged from 3 km to unlimited, with low ceilings and glare. There was no sea ice in the area surveyed. Low ceilings and high sea states precluded further survey effort.

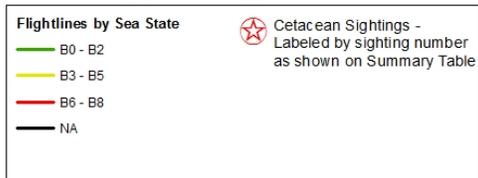
Sightings: Bowhead whales, humpback whales, fin whales (including one calf), walrus, one unidentified pinniped, and one small unidentified pinniped.

Preliminary Summary, Flight 211 Date: Saturday, July 22, 2017

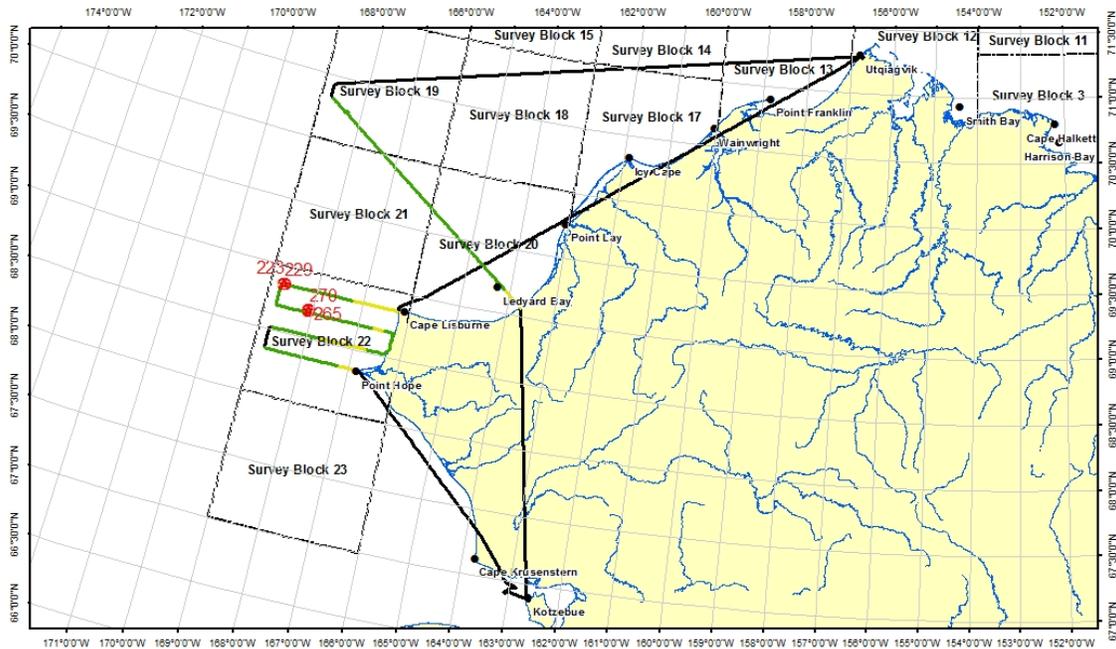
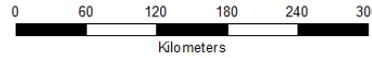
| | | |
|-------------------------------------|----------------------------------|--------------------------------|
| Total bowhead whales: 2 | Start time: 7/22/2017 9:13:07 AM | End time: 7/22/2017 5:18:06 PM |
| Bowhead whale sightings: 1 | Transect minutes: 172 | Transect km: 622.3 |
| Bowhead whales on transect: 2 | Circling minutes: 11 | Circling km: 29 |
| Bowhead whale calves: 0 | Trans+Circ minutes: 183 | Trans+Circ km: 651.3 |
| Bowhead whale calves on transect: 0 | Search minutes: 12 | Search km: 39.8 |
| Bowhead whale repeats: 0 | Total minutes: 437 | Total km: 2147.3 |
| Possible repeats: 0 | Deadhead minutes: 243 | Deadhead km: 1456.2 |
| Total gray whales: 0 | Search blocks: 19,22 | |
| Total belugas: 0 | Transect blocks: 19,20,21,22 | |
| Other whale sightings: 4 | | |
| walrus: yes | | |
| Total polar bears: 0 | | |

Cetacean Sightings:

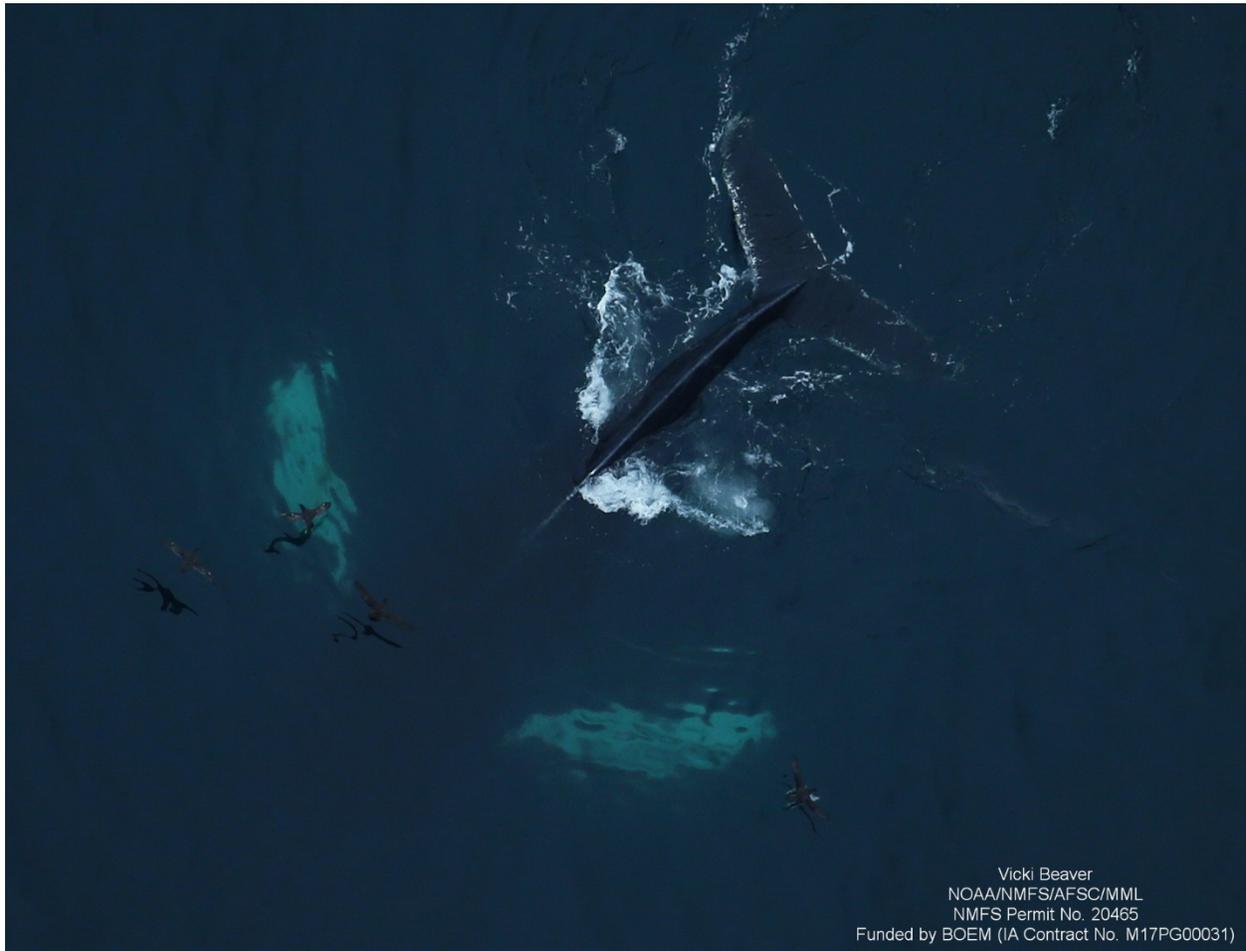
| Event | Lat | Long | Block | Species | Total | Calves | Behavior | Swim Direction | On Effort |
|-------|-------|---------|-------|----------------|-------|--------|----------|----------------|-----------|
| 223 | 68.86 | -168.69 | 22 | bowhead whale | 2 | 0 | swim | -1 | True |
| 229 | 68.86 | -168.7 | 22 | humpback whale | 1 | 0 | swim | -1 | False |
| 265 | 68.7 | -168.08 | 22 | fin whale | 2 | 1 | feed | 270 | True |
| 270 | 68.72 | -168.07 | 22 | humpback whale | 1 | 0 | feed | -1 | False |



NOAA\AFSC\MML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 211, 7/22/2017 9:13:07 AM



Fin whale cow-calf pair sighted approximately 80 km west of Cape Lisburne, Alaska (event 265), ASAMM-Chukchi flight 211, 22 July 2017. The calf is submerged to the right of the cow.



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NOAA/NMFS/AFSC/MML
NMFS Permit No. 20465
Funded by BOEM (IA Contract No. M17PG00031)

Feeding humpback whale with birds sighted approximately 80 km west of Cape Lisburne, Alaska (event 270), ASAMM-Chukchi flight 211, 22 July 2017.