

ASAMM-Beaufort – Flight 8 – 31 July 2015

Area flown: Block 4, 4 complete transects, 2 partial transects; block 6, 4 partial transects.

Total hours flown: 3.8

Total transect hours: 2.1

Number of bowhead whales seen: 2 (1 calf)

Weather and visibility: Skies were clear to overcast. Sea state ranged from Beaufort 1-6. Visibility varied from <1 km to unlimited, with glare, fog, and haze. Haze and fog precluded complete coverage of all transects. Sea ice cover ranged from 0-67% broken floe ice in the area surveyed.

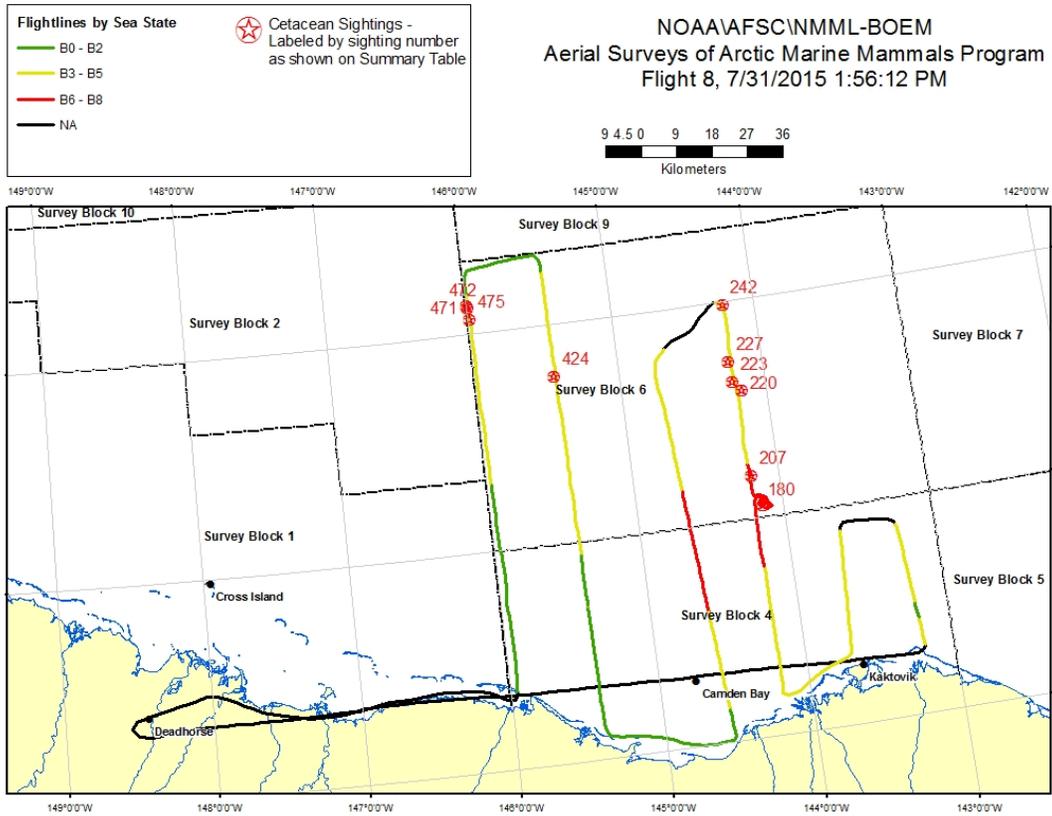
Sightings: Bowhead whales, belugas (including 1 calf), and small unidentified pinnipeds.

Preliminary Summary, Flight 8 Date: 7/31/2015

Total bowhead whales: 2	Start time: 7/31/2015 1:58:05 PM	End time: 7/31/2015 5:47:16 PM
Bowhead whale sightings: 1	Transect minutes: 126	Transect km:475.4
Bowhead whales on transect: 2	Circling minutes: 9	Circling km: 31.7
Bowhead whale cow-calf pairs: 1	Trans+Circ minutes: 135	Trans+Circ km: 507.1
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 29	Search km: 93.5
Bowhead whale repeats: 0	Total minutes: 229	Total km: 942.3
Possible repeats: 0	Deadhead minutes: 65	Deadhead km: 341.7
Total gray whales: 0	Search blocks: 4, 6	
Total belugas: 34	Transect blocks: 4, 6	
Other whale sightings: 0		
Walrus: No		
Total polar bears: 0		

Cetacean sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
180	70.53	-144.19	6	bowhead whale	2	1	breach	-1	True
207	70.6	-144.2	6	beluga	1	0	swim	182	True
220	70.79	-144.2	6	beluga	2	0	swim	112	True
223	70.82	-144.21	6	beluga	10	0	swim	235	True
227	70.86	-144.22	6	beluga	1	0	swim	93	True
242	70.99	-144.22	6	beluga	12	0	mill	-1	False
424	70.88	-145.44	6	beluga	2	0	mill	-1	True
471	71.07	-145.99	6	beluga	1	0	swim	274	True
472	71.06	-145.99	6	beluga	1	0	swim	325	True
475	71.03	-145.98	6	beluga	4	1	swim	-1	True



**Bowhead whale calf in the western Beaufort Sea (event 180), ASAMM-Beaufort Flight 8, 31 July 2015.
The cow was nearby, and breached a half dozen times.**