

**ASAMM-Beaufort – Flight 33 – 6 October 2014**

Area flown: Block 3, two complete transects, six partial transects.

Total hours flown: 4.2

Total transect hours: 2.1 (2 flights)

Number of bowheads seen: 2 (0 calves)

Weather and visibility: Skies were partly cloudy. Sea state ranged from Beaufort 3-7. Visibility varied from 0 to 10 km, with fog, glare, precipitation, and low ceilings. Sea ice coverage ranged from 0 to 90% new ice in the area surveyed; new ice was limited to shallow inshore areas of Harrison Bay. High sea state prevented completion of transects in block 3.

Sightings: Bowhead whales

**Preliminary Summary, Flight 33 Date: 10/6/2014**

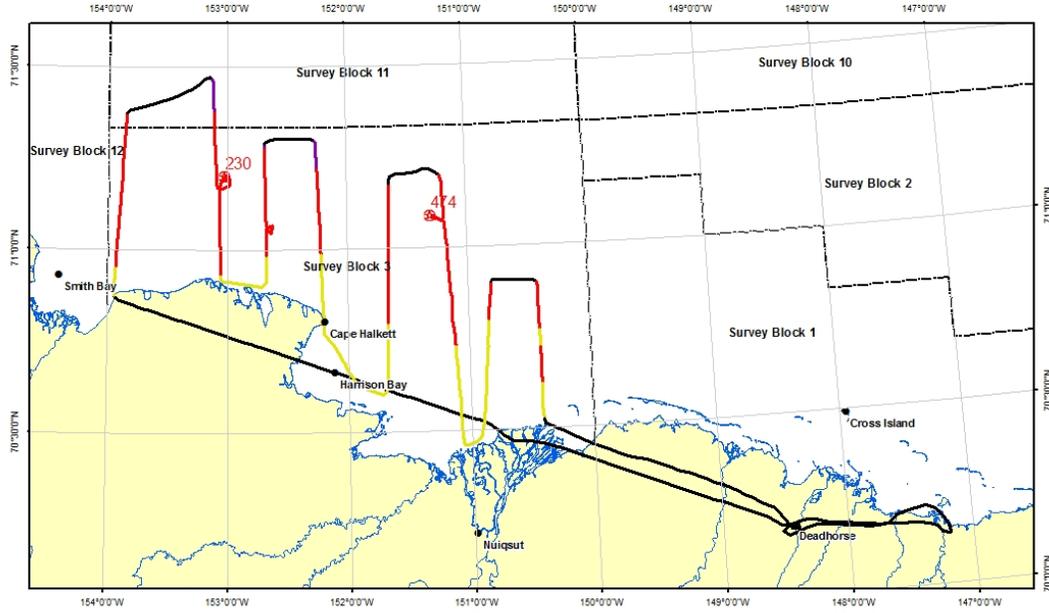
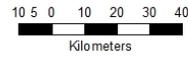
Total bowhead whales: 2	Start time: 10/6/2014 10:18:55 AM	End time: 10/6/2014 3:05:24 PM
Bowhead whale sightings: 2	Transect minutes: 124	Transect km: 447.2
Bowhead whales on transect: 1	Circling minutes: 17	Circling km: 43.3
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 141	Trans+Circ km: 490.5
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 14	Search km: 53.5
Bowhead whale repeats: 0	Total minutes: 254	Total km: 1040.8
Possible repeats: 0	Deadhead minutes: 99	Deadhead km: 496.8
Total gray whales: 0	Search blocks: 11, 3	
Total belugas: 0	Transect blocks: 3, 11	
Other whale sightings: 0		
Total walrus: 0		
Total polar bears: 0		

**Cetacean Sightings:**

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
230	71.2	-153.02	3	bowhead whale	1	0	breach	-1	False
474	71.09	-151.18	3	bowhead whale	1	0	breach	-1	True



NOAA/AFSC/NMML-BOEM  
Aerial Surveys of Arctic Marine Mammals Program  
Flight 33, 10/6/2014 10:11:36 AM



**Bowhead whale breaching (event 474), ASAMM-Beaufort Flight 33, 6 October 2014.**

**Walrus and Polar Bear Sightings: None.**