ASAMM-Beaufort – Flight 9 – 1 August 2015

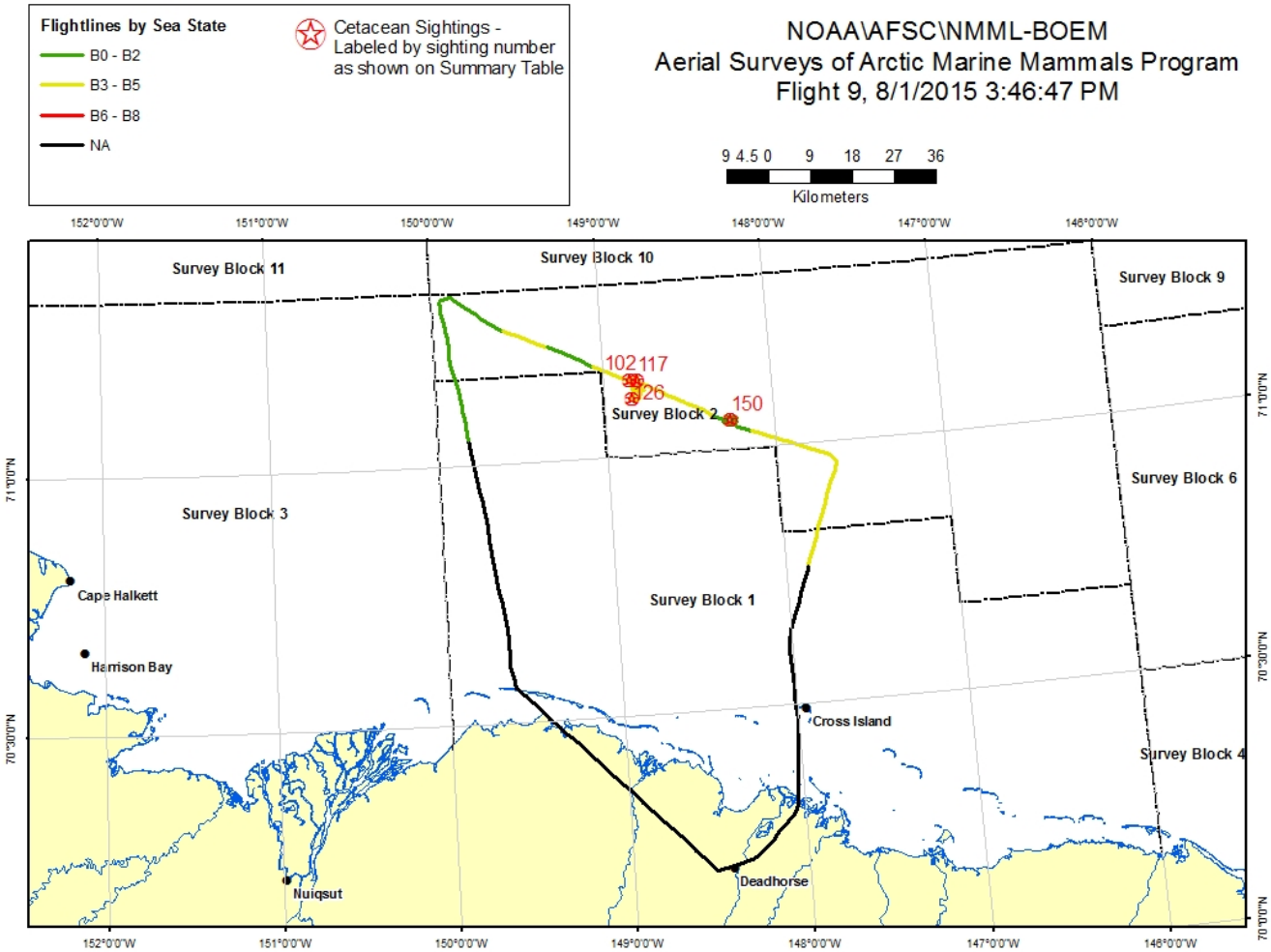
Area flown: Block 1, 1 partial transect; block 2, 1 complete transect.
Total hours flown: 1.6
Total transect hours: 0.1
Number of bowhead whales seen: 5 (2 calves)
Weather and visibility: Skies were clear. Sea state ranged from Beaufort 1-4. Visibility varied from 0-2 km, with fog; fog precluded additional surveys and allowed for only occasional glimpses of the water. Sea ice cover ranged from 0-60% broken floe ice in the area surveyed. One of the bowhead calves did not appear to have an adult whale near it; however, visibility conditions were extremely poor and the cow could easily have been under the extensive fog layer.
Sightings: Bowhead whales.

Preliminary Summary, Flight 9 Date: 8/1/2015

Total bowhead whales: 5	Start time: 8/1/2015 3:49:50 PM	End time: 8/1/2015 5:26:27 PM
Bowhead whale sightings: 4	Transect minutes: 8	Transect km:30.3
Bowhead whales on transect: 0	Circling minutes: 16	Circling km: 0
Bowhead whale cow-calf pairs: 2	Trans+Circ minutes: 24	Trans+Circ km: 30.3
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 29	Search km: 114.7
Bowhead whale repeats: 0	Total minutes: 97	Total km: 333.6
Possible repeats: 0	Deadhead minutes: 44	Deadhead km: 188.6
Total gray whales: 0	Search blocks: 2, 1	
Total belugas: 0	Transect blocks: 1, 2	
Other whale sightings: 0		
Walruses: No		
Total polar bears: 0		

Cetacean sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
102	71.14	-148.84	2	bowhead whale	2	1	rest	-1	False
117	71.14	-148.8	2	bowhead whale	1	1	swim	-1	False
126	71.11	-148.83	2	bowhead whale	1	0	swim	-1	False
150	71.05	-148.26	2	bowhead whale	1	0	swim	-1	False


Flightlines by Sea State
B0 - B2
B3 - B5
B6 - B8
NA
Cetacean Sightings - Labeled by sighting number as shown on Summary Table
NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 9, 8/1/2015 3:46:47 PM
9 4.5 0 9 18 27 36
Kilometers
Survey Block 11
Survey Block 10
Survey Block 9
Survey Block 2
Survey Block 6
Survey Block 3
Survey Block 1
Survey Block 4
102
117
126
150
Cape Halkett
Harrison Bay
Cross Island
Deadhorse
Nuiqsut
152°0'0"W
151°0'0"W
150°0'0"W
149°0'0"W
148°0'0"W
147°0'0"W
146°0'0"W
71°0'0"N
70°30'0"N
70°0'0"N