ASAMM-Beaufort – Flight 6 – 29 July 2015

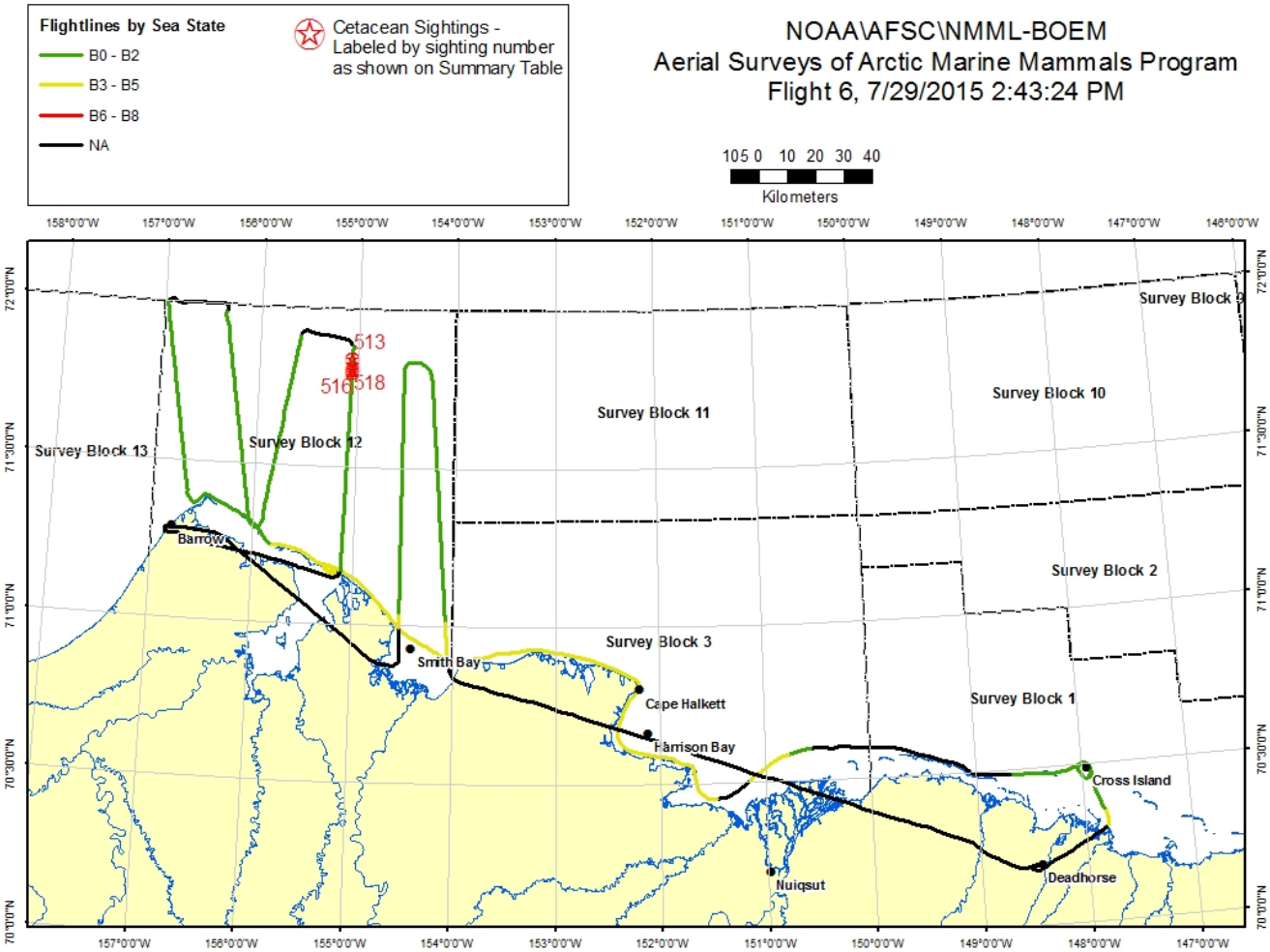
Area flown: Block 12, 2 complete transects, 4 partial transects; conducted a coastal search survey from Deadhorse to Point Barrow.
Total hours flown: 5.7 (2 flights)
Total transect hours: 2.2
Number of bowhead whales seen: 0 (0 calves)
Weather and visibility: Skies were clear to overcast. Sea state ranged from Beaufort 0-4. Visibility varied from <1 km to unlimited, with glare, fog, and low ceilings. Low ceilings precluded offshore survey effort. Sea ice cover ranged from 0-91% broken floe ice in the area surveyed.
Sightings: Belugas.

Preliminary Summary, Flight 6 Date: 7/29/2015

Total bowhead whales: 0	Start time: 7/29/2015 2:50:01 PM	End time: 7/29/2015 9:19:16 PM
Bowhead whale sightings: 0	Transect minutes: 133	Transect km:483.7
Bowhead whales on transect: 0	Circling minutes: 4	Circling km: 0
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 137	Trans+Circ km: 483.7
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 97	Search km: 371.9
Bowhead whale repeats: 0	Total minutes: 343	Total km: 1423
Possible repeats: 0	Deadhead minutes: 109	Deadhead km: 567.4
Total gray whales: 0	Search blocks: 1, 3, 12, 0	
Total belugas: 3	Transect blocks: 12	
Other whale sightings: 0		
Walruses: no		
Total polar bears: 0		

Cetacean sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
513	71.84	-155.06	12	beluga	1	0	swim	32	True
516	71.81	-155.06	12	beluga	1	0	swim	61	True
518	71.8	-155.06	12	beluga	1	0	swim	-1	True


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 6, 7/29/2015 2:43:24 PM
10 5 0 10 20 30 40
Kilometers
Survey Block 9
Survey Block 10
Survey Block 11
Survey Block 12
Survey Block 13
Survey Block 2
Survey Block 3
Survey Block 1
513
516
518
Barrow
Smith Bay
Cape Halkett
Harrison Bay
Cross Island
Nuiqsut
Deadhorse