

ASAMM-Beaufort – Flight 25 – 23 September 2014

Area flown: Block 5, one partial and two complete transects; block 7, two partial transects.

Total hours flown: 4.4

Total transect hours: 1.7

Number of bowheads seen: 25 (2 calves)

Weather and visibility: Skies were overcast. Sea state ranged from Beaufort 2-6. Visibility varied from 0 to 10 km, with low ceilings, fog, haze and precipitation. There was no sea ice in the area surveyed.

Low ceilings and high sea state prevented complete survey coverage in blocks 5 and 7.

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

Preliminary Summary, Flight 25 Date: 9/23/2014

Total bowhead whales: 25	Start time: 9/23/2014 10:09:27 AM	End time: 9/23/2014 2:31:22 PM
Bowhead whale sightings: 9	Transect minutes: 104	Transect km:385.1
Bowhead whales on transect: 3	Circling minutes: 40	Circling km: 68.2
Bowhead whale cow-calf pairs: 2	Trans+Circ minutes: 144	Trans+Circ km: 453.3
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 6	Search km: 20.5
Bowhead whale repeats: 0	Total minutes: 262	Total km: 1095.9
Possible repeats: 0	Deadhead minutes: 112	Deadhead km: 622.1
Total gray whales: 0	Search blocks: 7, 5	
Total belugas: 6	Transect blocks: 5, 7	
Other whale sightings: 0		
Total walrus: 0		
Total polar bears: 0		

Cetacean Sightings:

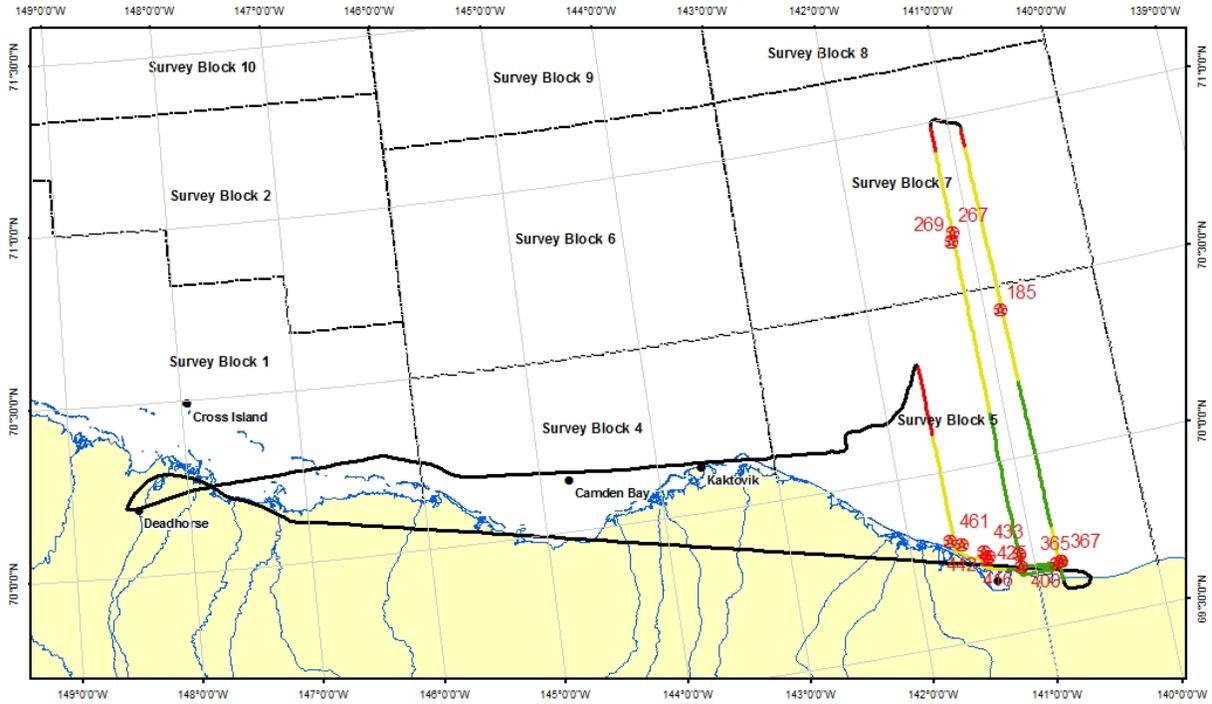
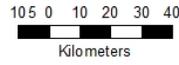
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
185	70.43	-140.85	5	beluga	1	0	swim	296	True
267	70.67	-141.14	7	beluga	4	1	swim	180	True
269	70.65	-141.14	7	beluga	1	0	swim	183	True
340	69.73	-141.12	5	bowhead whale	1	0	swim	244	True
365	69.68	-140.82	5	bowhead whale	1	0	dive	-1	False
367	69.68	-140.78	5	bowhead whale	3	1	rest	-1	False
400	69.69	-141.12	5	bowhead whale	1	0	swim	303	True
416	69.71	-141.42	5	bowhead whale	9	0	feed	-1	False
425	69.74	-141.37	5	bowhead whale	5	0	feed	-1	False
433	69.75	-141.39	5	bowhead whale	3	1	swim	-1	False
442	69.76	-141.6	5	bowhead whale	1	0	breach	-1	False
461	69.8	-141.63	5	bowhead whale	1	0	mill	-1	True

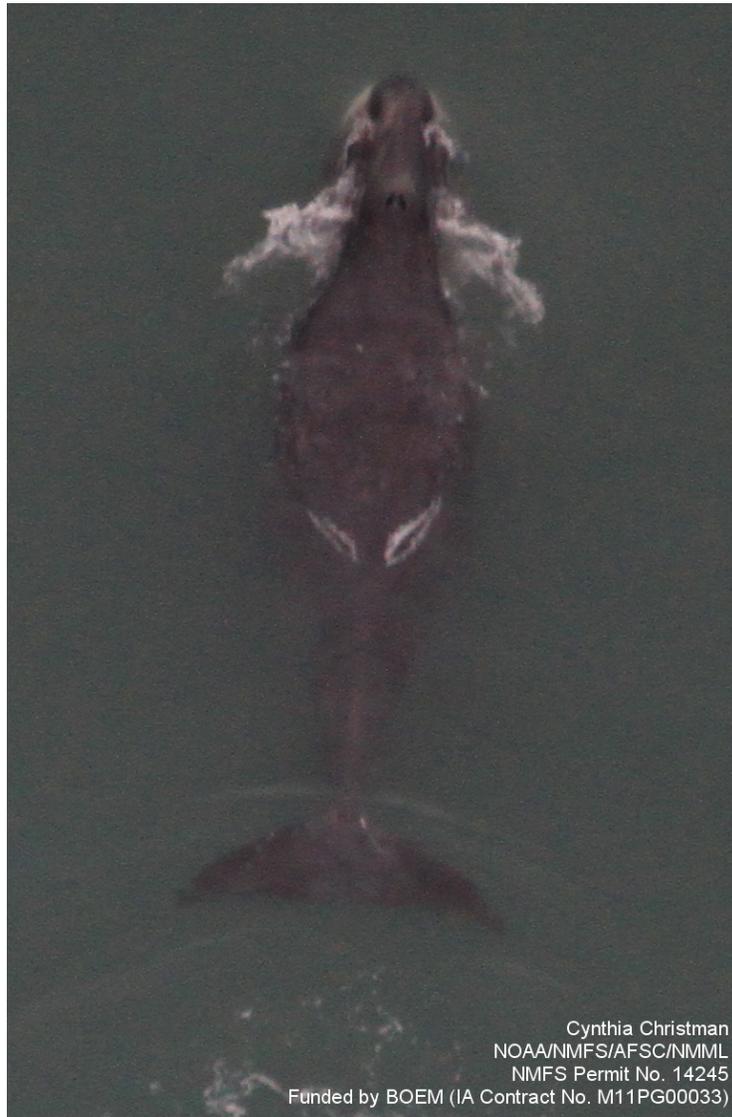
NOAA/AFSC/NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 25, 9/23/2014 10:04:53 AM

Flightlines by Sea State

- B0 - B2
- B3, B4
- B5, B6
- B7 - B12
- NA

Cetacean Sightings - Labeled by sighting number as shown on Summary Table





Bowhead whale sighted near Komakuk Beach, Canada (event 367) during ASAMM-Beaufort Flight 25, 23 September 2014

Walrus and Polar Bear Sightings: None