

ASAMM-Beaufort – Flight 27 – 6 September 2016

Area flown: Block 3, 4 complete transects; block 11, 4 partial transects; block 12, 1 complete and 1 partial transect. Coastal search survey between Cape Halkett and the eastern border of block 3.

Total hours flown: 4.7

Total transect hours: 2.5

Number of bowhead whales seen: 16 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2-6. Visibility ranged from 0 km to unlimited, with glare, haze, low ceilings, ice on the window, and precipitation. There was no sea ice in the area surveyed. High sea states and low ceilings prevented completion of the offshore ends of transects in blocks 11 and 12.

Sightings: Bowhead whales, 1 polar bear, and 1 walrus carcass. The polar bear was sighted resting on the beach ~10 km south of Cape Halkett.

Preliminary Summary, Flight 27 Date: Tuesday, September 06, 2016

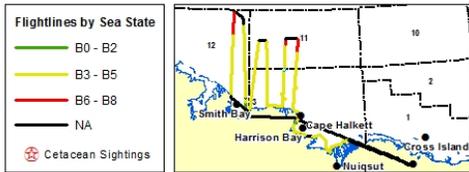
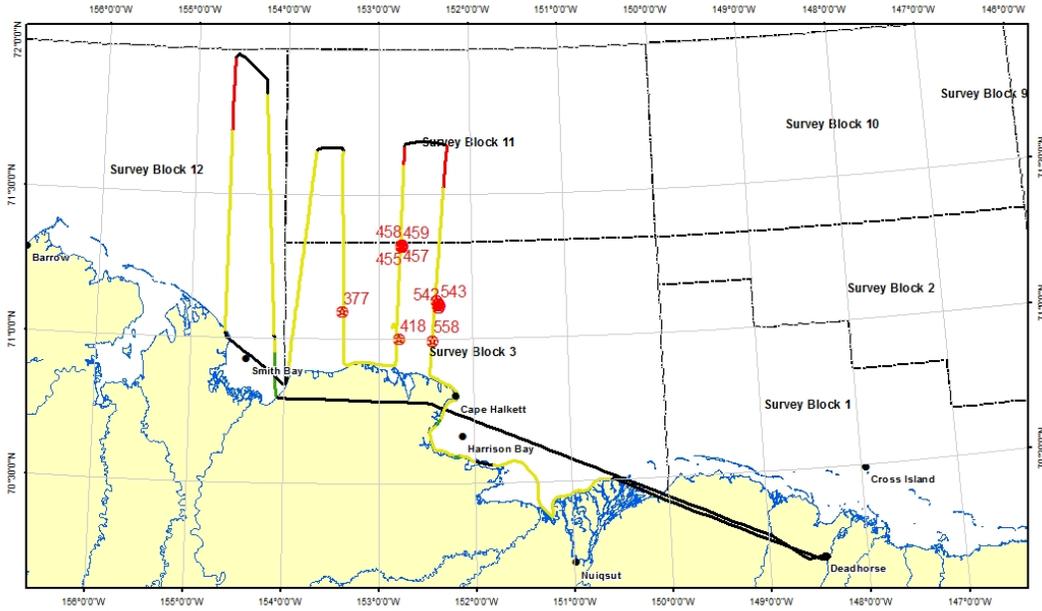
Total bowhead whales: 16	Start time: 9/6/2016 9:01:19 AM	End time: 9/6/2016 1:43:49 PM
Bowhead whale sightings: 12	Transect minutes: 152	Transect km: 558.6
Bowhead whales on transect: 7	Circling minutes: 13	Circling km: 35.6
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 165	Trans+Circ km: 594.2
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 40	Search km: 149.1
Bowhead whale repeats: 0	Total minutes: 282	Total km: 1153.1
Possible repeats: 0	Deadhead minutes: 78	Deadhead km: 409.8
Total gray whales: 0	Search blocks: 3,11,12	
Total belugas: 0	Transect blocks: 3,11,12	
Other whale sightings: 0		
walrus: yes		
Total polar bears: 1		

Cetacean Sightings:

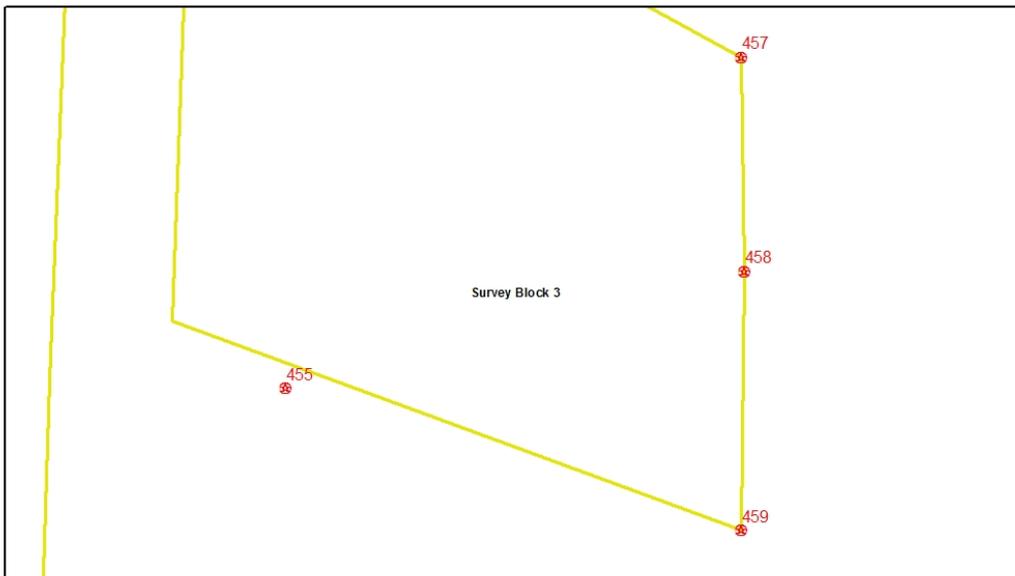
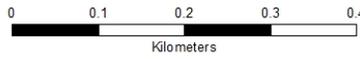
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
377	71.09	-153.37	3	bowhead whale	1	0	swim	330	True
418	71	-152.81	3	bowhead whale	1	0	swim	273	True
455	71.32	-152.76	3	bowhead whale	2	0	rest	-1	True
457	71.33	-152.74	3	bowhead whale	1	0	rest	-1	False
458	71.32	-152.74	3	bowhead whale	2	0	rest	-1	False
459	71.32	-152.74	3	bowhead whale	1	0	rest	-1	False
531	71.13	-152.39	3	bowhead whale	1	0	swim	215	True
533	71.12	-152.36	3	bowhead whale	1	0	swim	-1	False
534	71.12	-152.36	3	bowhead whale	1	0	log play	-1	False
542	71.11	-152.36	3	bowhead whale	2	0	swim	-1	False
543	71.12	-152.35	3	bowhead whale	1	0	swim	-1	False
558	70.99	-152.43	3	bowhead whale	2	0	dive	-1	True

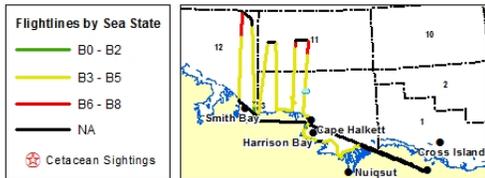


NOAA\FSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 27, 9/6/2016 8:56:11 AM

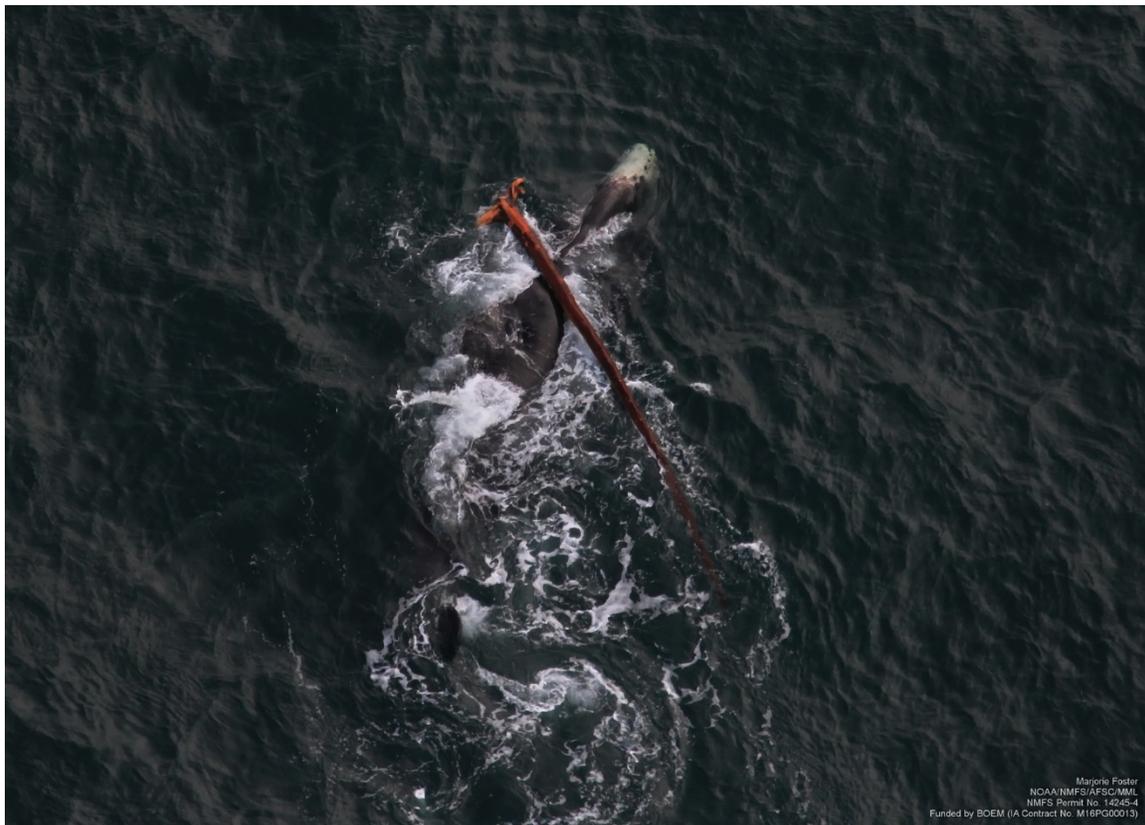
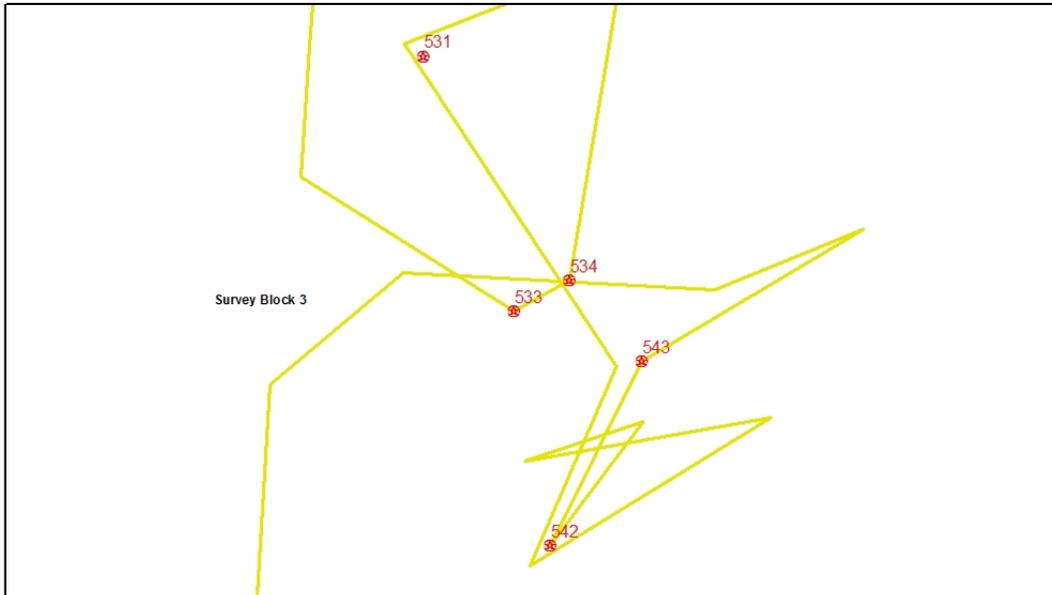
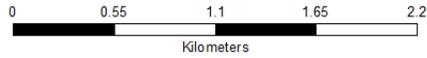


NOAA\FSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 27, High Density Cluster 1, 9/6/2016





NOAA/AFSC/INMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 27, High Density Cluster 2, 9/6/2016



Marjorie Foster
 NOAA/NMFS/AFSC/INMML
 NMFS Permit No. 14245-4
 Funded by BOEM (IA Contract No. M16PG00013)

Bowhead whale (belly-up) sighted playing with a log approximately 30 km north of Cape Halkett, Alaska (event 534), during ASAMM-Beaufort Flight 27, 6 September 2016.