

ASAMM-Beaufort – Flight 31 – 11 September 2016

Area flown: Block 1, 4 complete transects; block 2, 2 complete and 2 partial transects; block 3, 1 nearly complete transect.

Total hours flown: 4.2

Total transect hours: 2.4

Number of bowhead whales seen: 31 (1 calf)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 3-6. Visibility ranged from 0 km to unlimited, with glare, haze, low ceilings, precipitation, and ice on the window. There was no sea ice in the area surveyed.

Sightings: Bowhead whales, 1 unidentified cetacean, small unidentified pinnipeds, and polar bears. The polar bears were walking on a barrier island in the southeastern corner of block 1.

Preliminary Summary, Flight 31 Date: Sunday, September 11, 2016

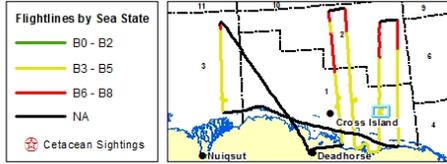
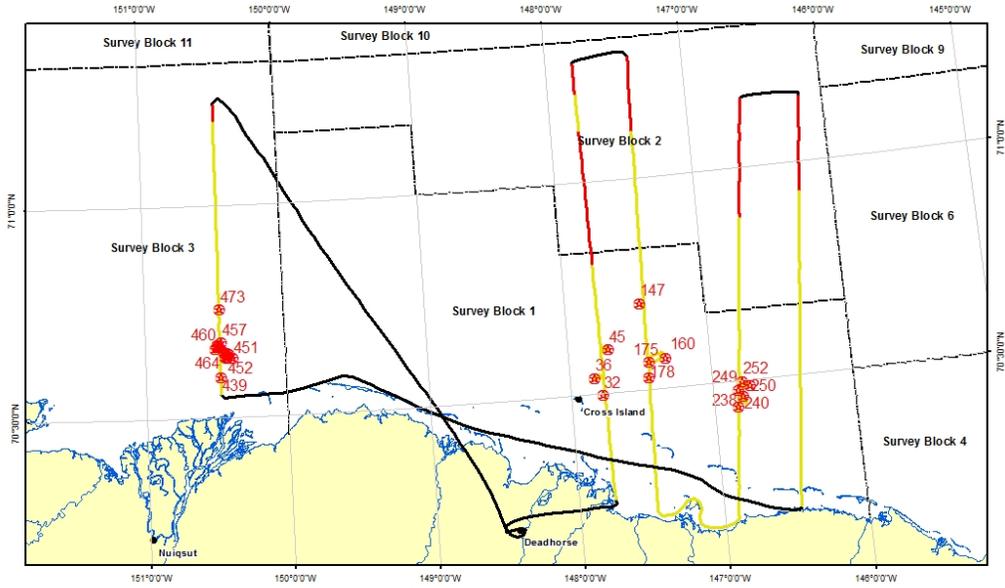
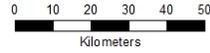
Total bowhead whales: 31	Start time: 9/11/2016 9:28:23 AM	End time: 9/11/2016 1:38:15 PM
Bowhead whale sightings: 26	Transect minutes: 144	Transect km: 525.8
Bowhead whales on transect: 14	Circling minutes: 23	Circling km: 69.8
Bowhead whale cow-calf pairs: 1	Trans+Circ minutes: 167	Trans+Circ km: 595.6
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 9	Search km: 33
Bowhead whale repeats: 0	Total minutes: 249	Total km: 1004.4
Possible repeats: 1	Deadhead minutes: 74	Deadhead km: 375.8
Total gray whales: 0	Search blocks: 1,2,3	
Total belugas: 0	Transect blocks: 1,2,3	
Other whale sightings: 1		
walrus: no		
Total polar bears: 3		

Cetacean Sightings:

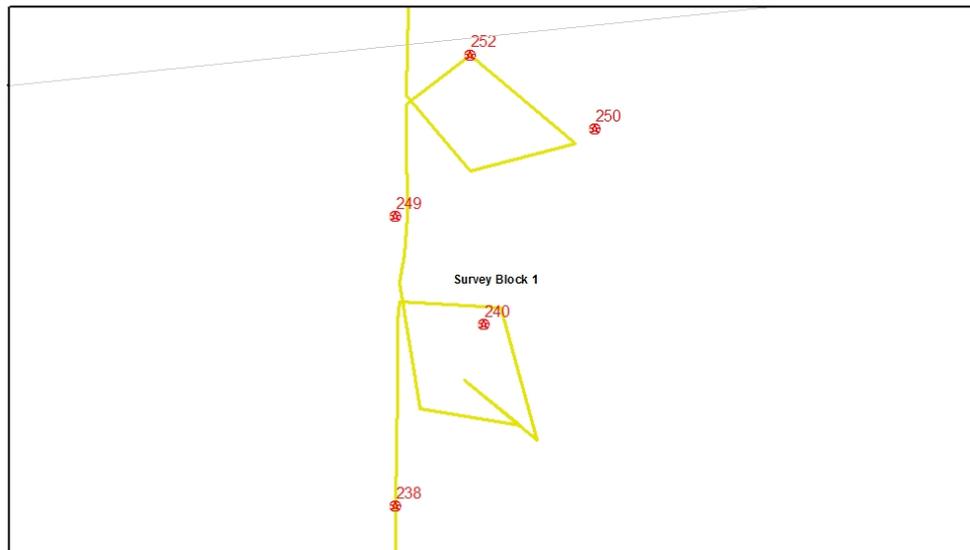
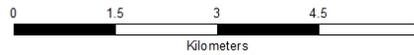
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
32	70.5	-147.76	1	bowhead whale	1	0	dive	-1	True
36	70.54	-147.77	1	bowhead whale	1	0	breach	-1	True
45	70.6	-147.77	1	bowhead whale	1	0	swim	266	True
147	70.7	-147.43	1	bowhead whale	1	0	swim	180	True
160	70.57	-147.44	1	unid cetacean	1	0	breach	-1	True
175	70.56	-147.44	1	bowhead whale	1	0	rest	-1	True
178	70.53	-147.44	1	bowhead whale	1	0	swim	273	False
238	70.44	-146.83	1	bowhead whale	1	0	swim	276	False
240	70.46	-146.82	1	bowhead whale	1	0	rest	-1	True
249	70.48	-146.82	1	bowhead whale	1	0	swim	278	True
250	70.49	-146.81	1	bowhead whale	1	0	swim	-1	True
252	70.5	-146.78	1	bowhead whale	1	0	rest	-1	False
439	70.59	-150.47	3	bowhead whale	1	0	swim	120	True
443	70.64	-150.47	3	bowhead whale	1	0	swim	270	True
445	70.65	-150.43	3	bowhead whale	2	0	swim	-1	False
446	70.65	-150.43	3	bowhead whale	2	1	mill	-1	False
447	70.65	-150.42	3	bowhead whale	2	0	mill	-1	False
448	70.65	-150.4	3	bowhead whale	2	0	feed	-1	False
449	70.64	-150.42	3	bowhead whale	1	0	swim	-1	False
451	70.64	-150.38	3	bowhead whale	1	0	swim	-1	False
452	70.64	-150.42	3	bowhead whale	1	0	swim	-1	False
455	70.67	-150.46	3	bowhead whale	1	0	feed	-1	True
456	70.67	-150.46	3	bowhead whale	1	0	feed	-1	True
457	70.68	-150.47	3	bowhead whale	1	0	swim	234	True
460	70.67	-150.48	3	bowhead whale	1	0	swim	-1	False
464	70.66	-150.5	3	bowhead whale	2	0	feed	-1	False
473	70.76	-150.47	3	bowhead whale	1	0	swim	120	True

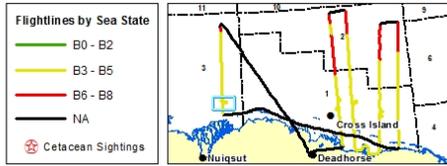


NOAA\FSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 31, 9/11/2016 9:24:37 AM



NOAA\FSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 31, High Density Cluster 1, 9/11/2016





NOAA\FSC\NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 31, High Density Cluster 2, 9/11/2016

