

## ASAMM-Beaufort – Flight 36 – 26 September 2017

Area flown: Block 12, 5 complete transects, 1 partial transect.

Total hours flown: 5.5 (2 flights)

Total transect hours: 2.3

Number of bowhead whales seen: 20 (1 calf)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2 to 4. Visibility ranged from 0 km to unlimited, with glare, low ceilings, fog, precipitation, and ice on the window. There was no sea ice in the area surveyed. Low ceilings, fog, and precipitation precluded survey effort. Flightlines south of Deadhorse were flown during an attempt to conduct a field-of-view experiment, which was aborted due to strong winds.

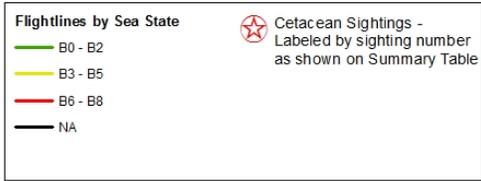
Sightings: Bowhead whales, one walrus, one bearded seal, small unidentified pinnipeds, and polar bears. One polar bear was walking on a barrier island approximately 54 km east of Point Barrow, and one polar bear was swimming approximately 2 km northeast of Point Barrow.

### Preliminary Summary, Flight 36 Date: Tuesday, September 26, 2017

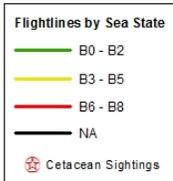
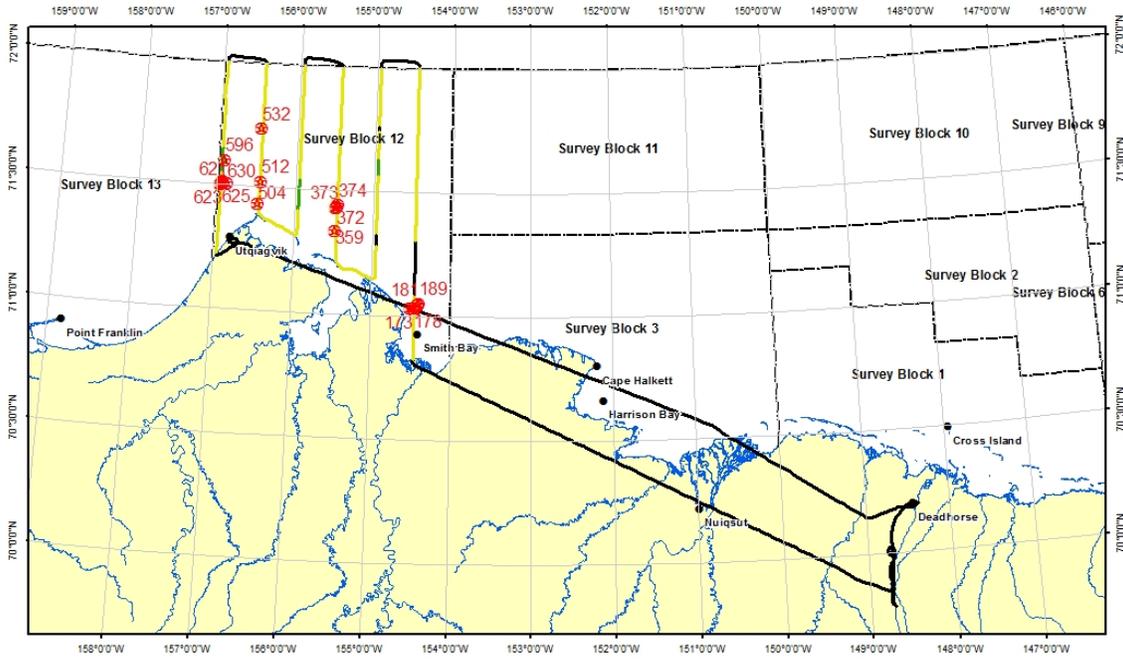
Total bowhead whales: 20	Start time: 9/26/2017 10:36:40 AM	End time: 9/26/2017 4:53:47 PM
Bowhead whale sightings: 18	Transect minutes: 137	Transect km: 512.3
Bowhead whales on transect: 13	Circling minutes: 33	Circling km: 86.5
Bowhead whale calves: 1	Trans+Circ minutes: 170	Trans+Circ km: 598.8
Bowhead whale calves on transect: 1	Search minutes: 13	Search km: 44.2
Bowhead whale repeats: 0	Total minutes: 332	Total km: 1444.5
Possible repeats: 0	Deadhead minutes: 149	Deadhead km: 801.5
Total gray whales: 0	Search blocks: 12	
Total belugas: 0	Transect blocks: 12	
Other whale sightings: 0		
walrus: yes		
Total polar bears: 2		

### Cetacean Sightings:

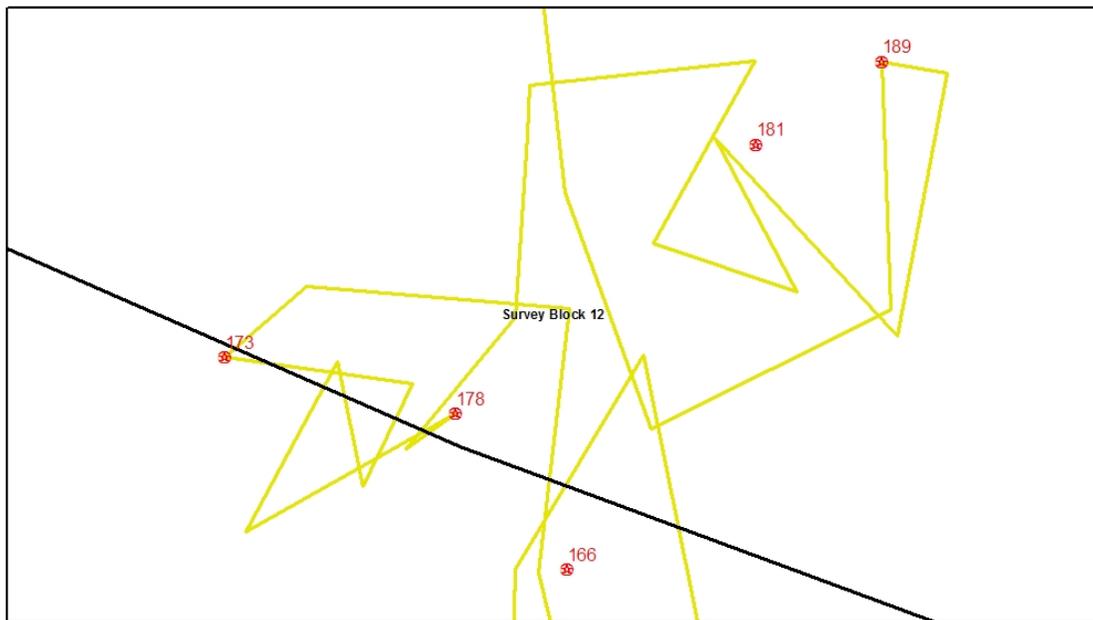
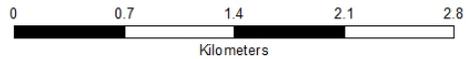
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
166	71.02	-154.45	12	bowhead whale	1	0	swim	30	True
173	71.03	-154.51	12	bowhead whale	1	0	swim	-1	False
178	71.03	-154.47	12	bowhead whale	1	0	swim	-1	False
181	71.05	-154.45	12	bowhead whale	1	0	swim	-1	True
189	71.05	-154.39	12	bowhead whale	1	0	swim	-1	False
359	71.34	-155.46	12	bowhead whale	1	0	swim	180	True
372	71.43	-155.45	12	bowhead whale	2	0	swim	270	True
373	71.43	-155.45	12	bowhead whale	1	0	swim	150	True
374	71.44	-155.46	12	bowhead whale	1	0	swim	360	True
504	71.43	-156.45	12	bowhead whale	1	0	swim	89	True
512	71.52	-156.45	12	bowhead whale	1	0	swim	180	True
532	71.73	-156.45	12	bowhead whale	1	0	swim	180	True
596	71.6	-156.95	12	bowhead whale	2	1	swim	270	True
616	71.5	-156.95	12	bowhead whale	1	0	swim	30	True
621	71.5	-156.94	12	bowhead whale	1	0	swim	-1	False
623	71.51	-156.93	12	bowhead whale	1	0	swim	-1	False
625	71.51	-156.93	12	bowhead whale	1	0	swim	-1	False
630	71.51	-156.87	12	bowhead whale	1	0	swim	-1	False

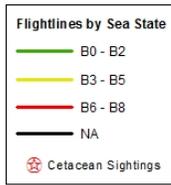


NOAAAFSC/MML-BOEM  
Aerial Surveys of Arctic Marine Mammals Program  
Flight 36, 9/26/2017 10:36:40 AM

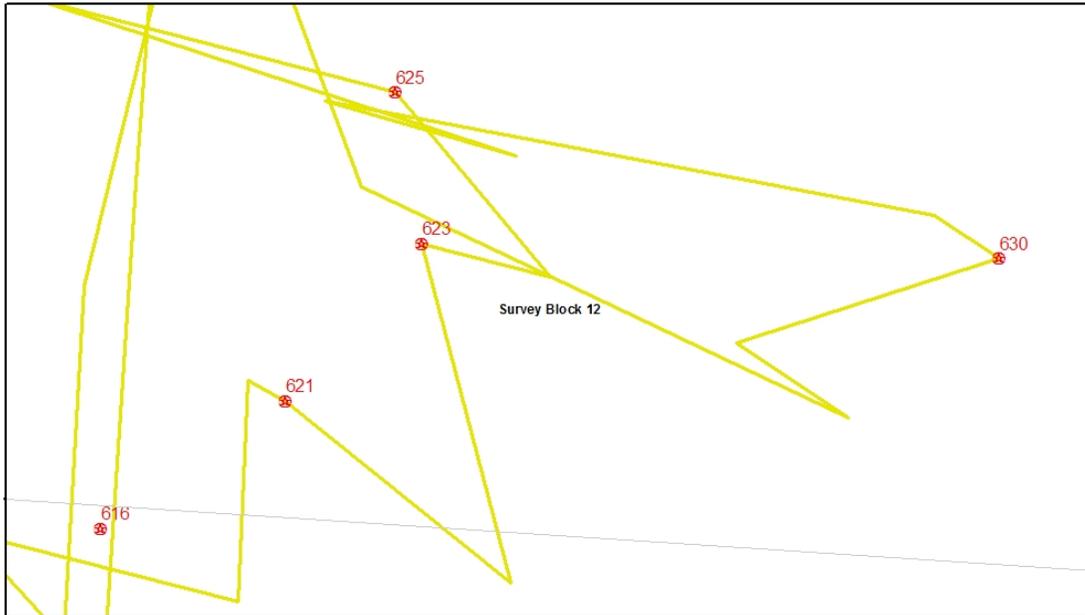
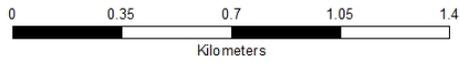


NOAAAFSC/MML-BOEM  
Aerial Surveys of Arctic Marine Mammals Program  
Flight 36, High Density Cluster 1, 9/26/2017





NOAA/AFSC/MML-BOEM  
 Aerial Surveys of Arctic Marine Mammals Program  
 Flight 36, High Density Cluster 2, 9/26/2017



The “final five” for 2017 ASAMM-Beaufort (L to R, Dirk Bowen, Amelia Brower, Griffin Kellar, Kate Pagan, and Lisa Barry), and their trusty steed, Clearwater Air N690AX (photo by Amy Willoughby).



A bowhead whale cow-calf pair sighted approximately 40 km north of Utqiagvik, Alaska (Event 596), during ASAMM-Beaufort Flight 36, 26 September 2017.