

ASAMM-Beaufort – Flight 23 – 27 August 2016

Area flown: Block 2, 6 complete and 2 partial transects; block 3, 1 complete and 1 partial transect; block 10, 2 complete transects; block 11, 2 complete transects.

Total hours flown: 5.2

Total transect hours: 3.2

Number of bowhead whales seen: 38 (6 calves)

Weather and visibility: Skies were clear. Sea state ranged from Beaufort 2-5. Visibility ranged from <1 km to unlimited, with fog and glare. There was no sea ice in the area surveyed.

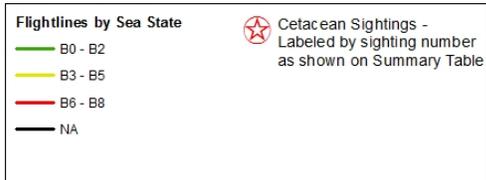
Sightings: Bowhead whales (including 1 carcass), small unidentified pinnipeds, and 1 unidentified marine mammal carcass. The bowhead whale carcass was sighted floating approximately 120 km northwest of Cross Island, Alaska.

Preliminary Summary, Flight 23 Date: Saturday, August 27, 2016

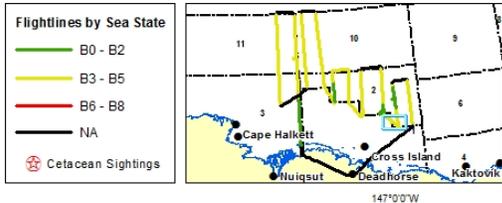
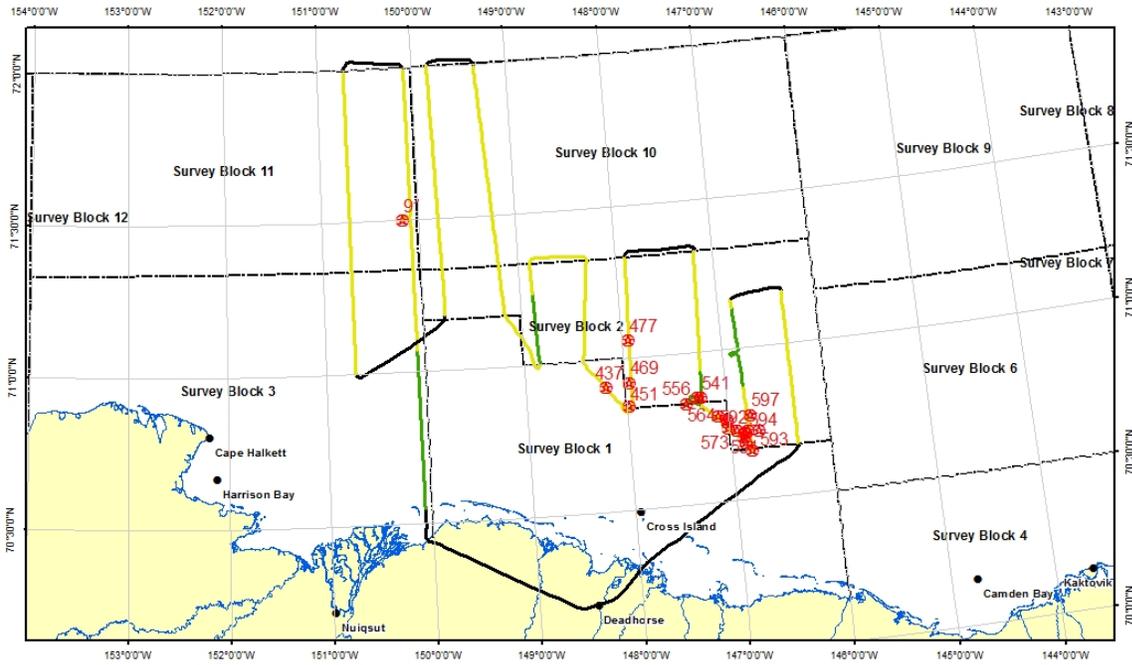
Total bowhead whales: 38	Start time: 8/27/2016 10:07:47 AM	End time: 8/27/2016 3:18:23 PM
Bowhead whale sightings: 21	Transect minutes: 192	Transect km: 731
Bowhead whales on transect: 22	Circling minutes: 30	Circling km: 59.7
Bowhead whale cow-calf pairs: 6	Trans+Circ minutes: 223	Trans+Circ km: 790.7
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 27	Search km: 100.3
Bowhead whale repeats: 0	Total minutes: 310	Total km: 1199
Possible repeats: 0	Deadhead minutes: 60	Deadhead km: 308
Total gray whales: 0	Search blocks: 1,2,3,10	
Total belugas: 0	Transect blocks: 1,2,3,10,11	
Other whale sightings: 0		
walrus: no		
Total polar bears: 0		

Cetacean Sightings

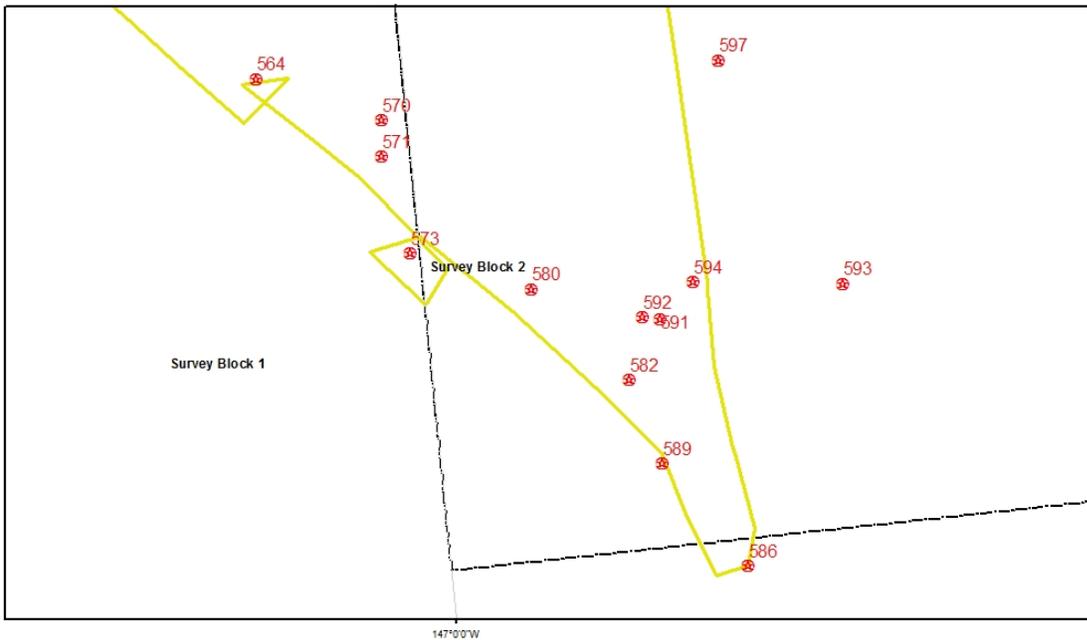
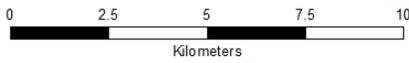
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
91	71.5	-150.08	11	bowhead whale	1	0	dead	-1	True
437	70.91	-148.19	1	bowhead whale	2	1	swim	47	False
451	70.84	-147.99	2	bowhead whale	2	1	swim	78	False
469	70.92	-147.94	2	bowhead whale	5	0	mill	-1	True
477	71.06	-147.93	2	bowhead whale	1	0	swim	-1	True
540	70.85	-147.25	2	bowhead whale	2	0	mill	-1	True
541	70.85	-147.25	2	bowhead whale	1	1	rest	-1	True
556	70.83	-147.4	2	bowhead whale	3	1	mill	-1	False
564	70.78	-147.12	1	bowhead whale	2	1	swim	-1	False
570	70.76	-147.05	1	bowhead whale	1	0	rest	-1	False
571	70.76	-147.03	1	bowhead whale	2	1	mill	-1	False
573	70.74	-147	2	bowhead whale	1	0	swim	323	False
580	70.72	-146.94	2	bowhead whale	1	0	rest	-1	False
582	70.7	-146.88	2	bowhead whale	1	0	swim	50	False
586	70.66	-146.8	1	bowhead whale	1	0	unknown	-1	False
589	70.69	-146.8	2	bowhead whale	1	0	rest	-1	True
591	70.72	-146.81	2	bowhead whale	1	0	unknown	-1	True
592	70.72	-146.81	2	bowhead whale	3	0	mill	-1	True
593	70.72	-146.81	2	bowhead whale	3	0	unknown	-1	True
594	70.73	-146.81	2	bowhead whale	1	0	dive	-1	True
597	70.78	-146.81	2	bowhead whale	3	0	unknown	-1	True



NOAAAFSCINMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 23, 8/27/2016 11:04:21 AM



NOAAAFSCINMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 23, High Density Cluster 1, 8/27/2016





Bowhead whale with a white fluke sighted near the water's surface (event 556), ASAMM-Beaufort Flight 23, 27 August 2016.