

ASAMM-Beaufort – Flight 30 – 10 September 2016

Area flown: Block 12, 6 complete transects.

Total hours flown: 5.0 (2 flights)

Total transect hours: 2.6

Number of bowhead whales seen: 32 (1 calf)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1-5. Visibility ranged from <1 km to unlimited, with glare, haze, low ceilings, and precipitation. Sea ice ranged from 0 to 55% broken floe ice.

Sightings: Bowhead whales, gray whales, and small unidentified pinnipeds.

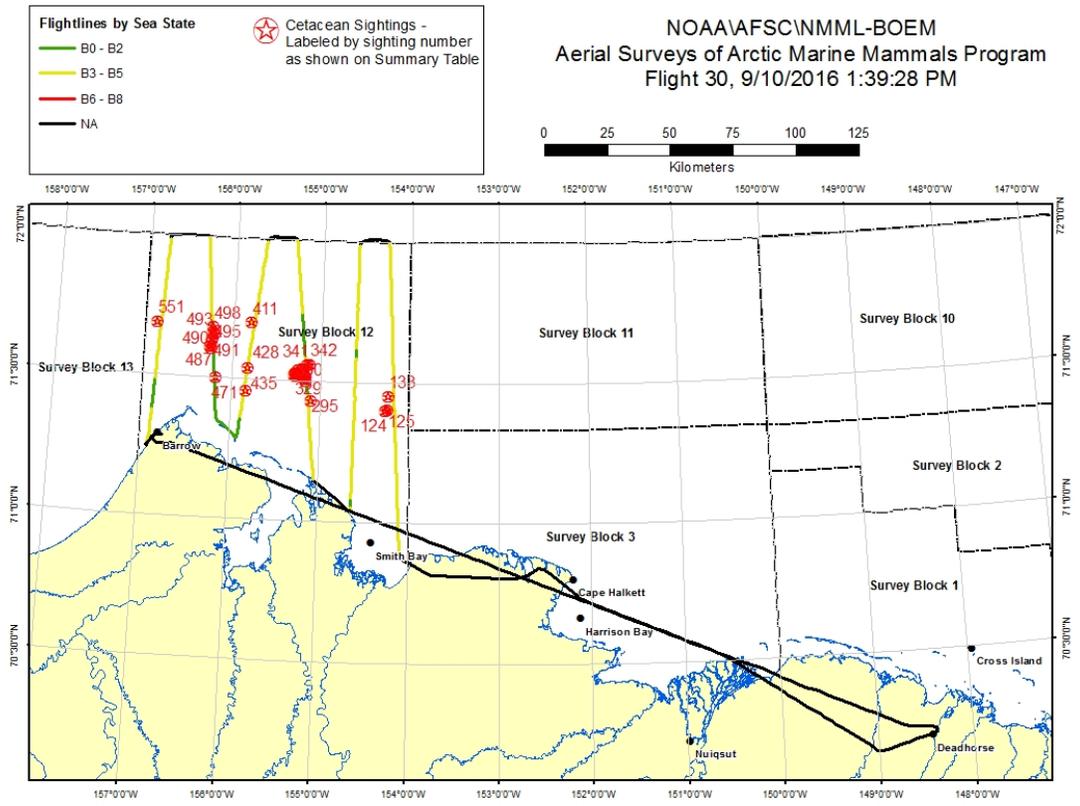
Preliminary Summary, Flight 30 Date: Saturday, September 10, 2016

Total bowhead whales: 32	Start time: 9/10/2016 1:46:16 PM	End time: 9/10/2016 7:29:53 PM
Bowhead whale sightings: 30	Transect minutes: 155	Transect km: 558.3
Bowhead whales on transect: 20	Circling minutes: 22	Circling km: 64.9
Bowhead whale cow-calf pairs: 1	Trans+Circ minutes: 177	Trans+Circ km: 623.2
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 5	Search km: 14.8
Bowhead whale repeats: 0	Total minutes: 302	Total km: 1286.2
Possible repeats: 0	Deadhead minutes: 121	Deadhead km: 648.2
Total gray whales: 9	Search blocks: 12	
Total belugas: 0	Transect blocks: 12	
Other whale sightings: 0		
walrus: no		
Total polar bears: 0		

Cetacean Sightings:

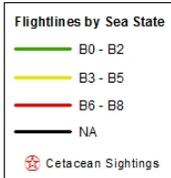
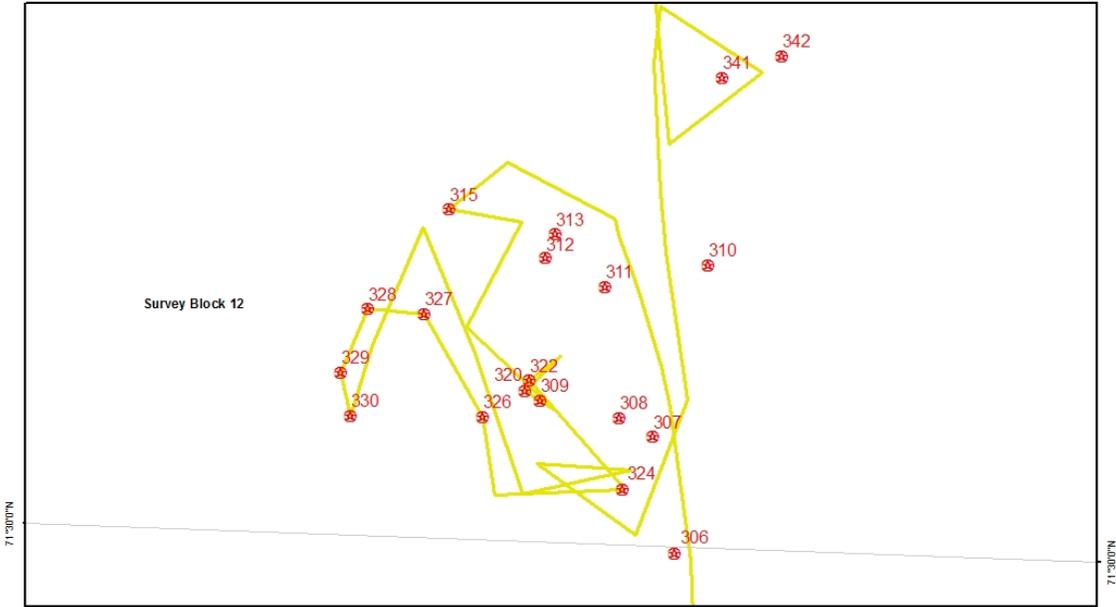
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
124	71.4	-154.17	12	bowhead whale	1	0	swim	296	True
125	71.41	-154.17	12	bowhead whale	1	0	swim	294	True
133	71.46	-154.18	12	bowhead whale	1	0	swim	323	True
295	71.43	-155.13	12	bowhead whale	1	0	swim	24	True
306	71.5	-155.16	12	gray whale	1	0	feed	-1	True
307	71.51	-155.17	12	bowhead whale	1	0	swim	261	True
308	71.52	-155.17	12	bowhead whale	1	0	swim	258	True
309	71.52	-155.17	12	bowhead whale	1	0	swim	135	True
310	71.53	-155.18	12	bowhead whale	1	0	rest	-1	True
311	71.53	-155.18	12	bowhead whale	1	0	swim	-1	True
312	71.54	-155.19	12	bowhead whale	1	0	swim	-1	True
313	71.54	-155.19	12	bowhead whale	1	0	swim	196	True
315	71.54	-155.25	12	bowhead whale	1	0	swim	-1	False
320	71.52	-155.22	12	gray whale	1	0	feed	-1	False
322	71.52	-155.22	12	bowhead whale	1	0	breach	-1	False
324	71.51	-155.18	12	gray whale	1	0	swim	-1	False
326	71.51	-155.24	12	bowhead whale	1	0	swim	-1	False
327	71.53	-155.26	12	bowhead whale	1	0	swim	-1	False
328	71.53	-155.28	12	bowhead whale	2	0	swim	-1	False
329	71.52	-155.29	12	bowhead whale	1	0	swim	-1	False
330	71.51	-155.29	12	bowhead whale	1	0	swim	-1	False
341	71.56	-155.18	12	bowhead whale	1	0	swim	175	True
342	71.56	-155.18	12	bowhead whale	1	0	swim	27	True
411	71.7	-155.77	12	bowhead whale	1	0	swim	337	True
428	71.54	-155.82	12	gray whale	3	0	feed	-1	True
435	71.46	-155.85	12	gray whale	1	0	swim	278	True
471	71.5	-156.19	12	gray whale	2	0	feed	-1	True
484	71.6	-156.22	12	bowhead whale	1	0	swim	296	True
486	71.61	-156.25	12	bowhead whale	1	0	rest	-1	False
487	71.61	-156.25	12	bowhead whale	1	0	rest	-1	False
490	71.62	-156.23	12	bowhead whale	2	1	rest	-1	True
491	71.64	-156.24	12	bowhead whale	1	0	swim	-1	False
493	71.65	-156.24	12	bowhead whale	1	0	swim	179	True
495	71.66	-156.23	12	bowhead whale	1	0	swim	-1	False

498	71.68	-156.24	12	bowhead whale	1	0	swim	172	True
551	71.69	-156.83	12	bowhead whale	1	0	swim	182	True





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Aerial Surveys of Arctic Marine Mammals Program
Flight 30, High Density Cluster 1, 9/10/2016



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Aerial Surveys of Arctic Marine Mammals Program
Flight 30, High Density Cluster 2, 9/10/2016

