

ASAMM-Beaufort – Flight 1 – 21 July 2015

Area flown: Transit to Barrow to exchange IT equipment with the ASAMM-Chukchi team. Survey effort in block 1, 6 partial transects; block 2, 2 complete transects, 6 partial transects.

Total hours flown: 5.5 (2 flights)

Total transect hours: 2.0

Number of bowhead whales seen: 8 (1 calf)

Weather and visibility: Skies were clear to overcast. Sea state ranged from Beaufort 1-5. Visibility varied from <1 km to unlimited, with glare, fog, and low ceilings; fog precluded surveys from being flown near shore. Sea ice cover ranged from 17-95% broken floe ice in the area surveyed.

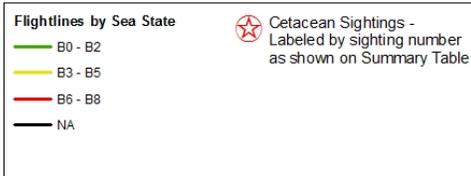
Sightings: Bowhead whales, belugas, and small unidentified pinnipeds

Preliminary Summary, Flight 1 Date: 7/21/2015

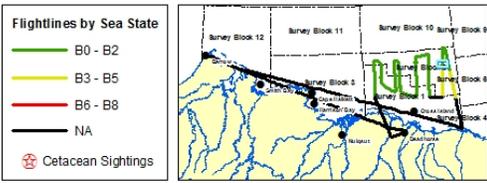
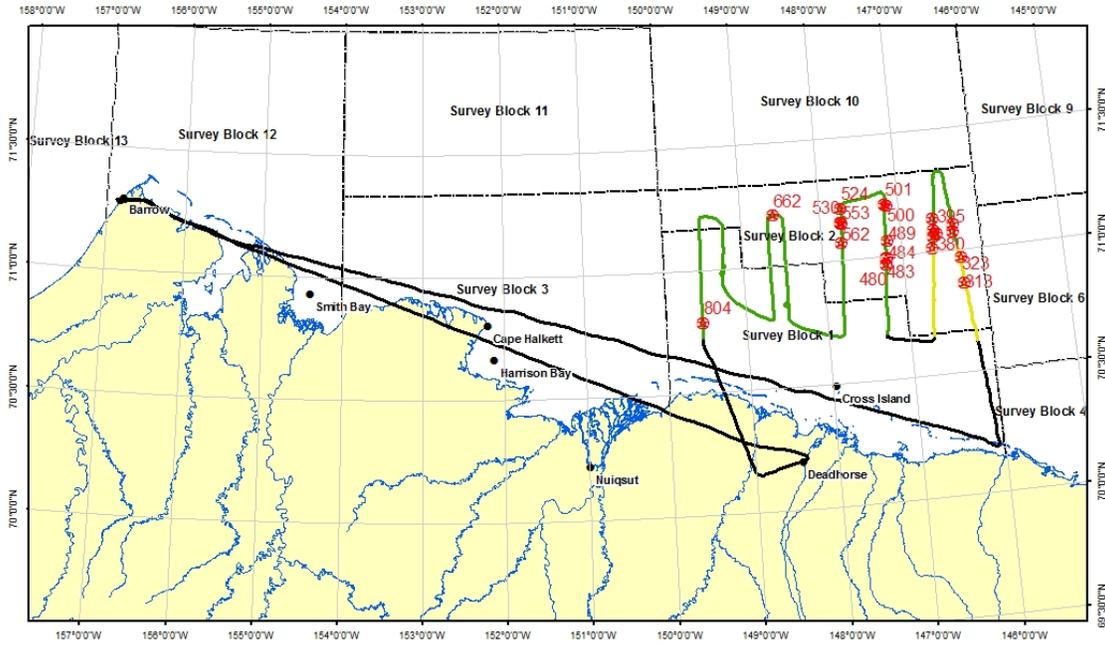
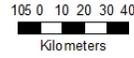
Total bowhead whales: 8	Start time: 7/21/2015 12:52:48 PM	End time: 7/21/2015 6:55:50 PM
Bowhead whale sightings: 4	Transect minutes: 122	Transect km:441.1
Bowhead whales on transect: 2	Circling minutes: 22	Circling km: 71.3
Bowhead whale cow-calf pairs: 1	Trans+Circ minutes: 144	Trans+Circ km: 512.4
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 29	Search km: 111.5
Bowhead whale repeats: 0	Total minutes: 331	Total km: 1542
Possible repeats: 0	Deadhead minutes: 158	Deadhead km: 918.1
Total gray whales: 0	Search blocks: 2, 1	
Total belugas: 38	Transect blocks: 1, 2	
Other whale sightings: 0		
Walrus: no		
Total polar bears: 0		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
313	70.86	-146.27	2	beluga	3	0	swim	91	True
323	70.97	-146.3	2	beluga	6	0	mill	-1	True
331	71.07	-146.33	2	beluga	1	0	swim	27	True
334	71.1	-146.34	2	beluga	2	0	swim	176	True
373	71.14	-146.57	2	beluga	1	0	rest	-1	True
380	71.06	-146.59	2	bowhead whale	4	0	mill	-1	False
388	71.07	-146.55	2	bowhead whale	1	0	rest	-1	False
395	71.09	-146.58	2	bowhead whale	1	0	swim	-1	False
410	71.01	-146.61	2	beluga	10	0	swim	124	True
480	70.97	-147.22	2	beluga	2	0	swim	91	True
483	70.99	-147.21	2	beluga	2	0	swim	217	True
484	70.99	-147.21	2	beluga	1	0	swim	217	True
489	71.06	-147.2	2	beluga	1	0	swim	92	True
500	71.21	-147.16	2	beluga	2	0	swim	-1	True
501	71.21	-147.16	2	beluga	2	0	swim	-1	True
524	71.21	-147.72	2	beluga	1	0	swim	284	True
530	71.16	-147.72	2	bowhead whale	2	1	swim	88	True
553	71.15	-147.72	2	beluga	1	0	swim	268	True
562	71.07	-147.74	2	beluga	1	0	rest	-1	True
662	71.21	-148.58	2	beluga	1	0	swim	-1	False
804	70.79	-149.54	1	beluga	1	0	rest	-1	True



NOAA/AFSC/NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 1, 7/21/2015 12:45:10 PM



NOAA/AFSC/NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 1, High Density Cluster 1, 7/21/2015 12:45:10 PM

