

ASAMM-Chukchi – Flight 224 – 20 August 2016

Area flown: Block 12, 5 complete transects. Transects extended north of block 12 to incorporate survey effort specific to the Eastern Chukchi Sea beluga stock.

Total hours flown: 5.6 (2 flights)

Total transect hours: 3.8

Number of bowhead whales seen: 17 (0 calves)

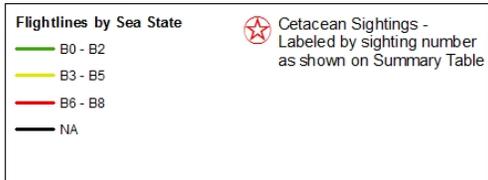
Weather and visibility: Skies were overcast to partly cloudy. Sea state ranged from Beaufort 2-4. Visibility was <1 to 10 km, with precipitation, ice on the window, and glare. Sea ice cover ranged from 0-30% broken floe ice in the area surveyed.

Sightings: Bowhead whales, belugas (including 3 calves), walruses (including 1 carcass), unidentified pinnipeds, and small unidentified pinnipeds.

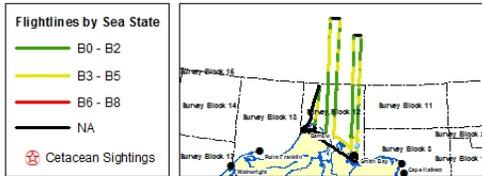
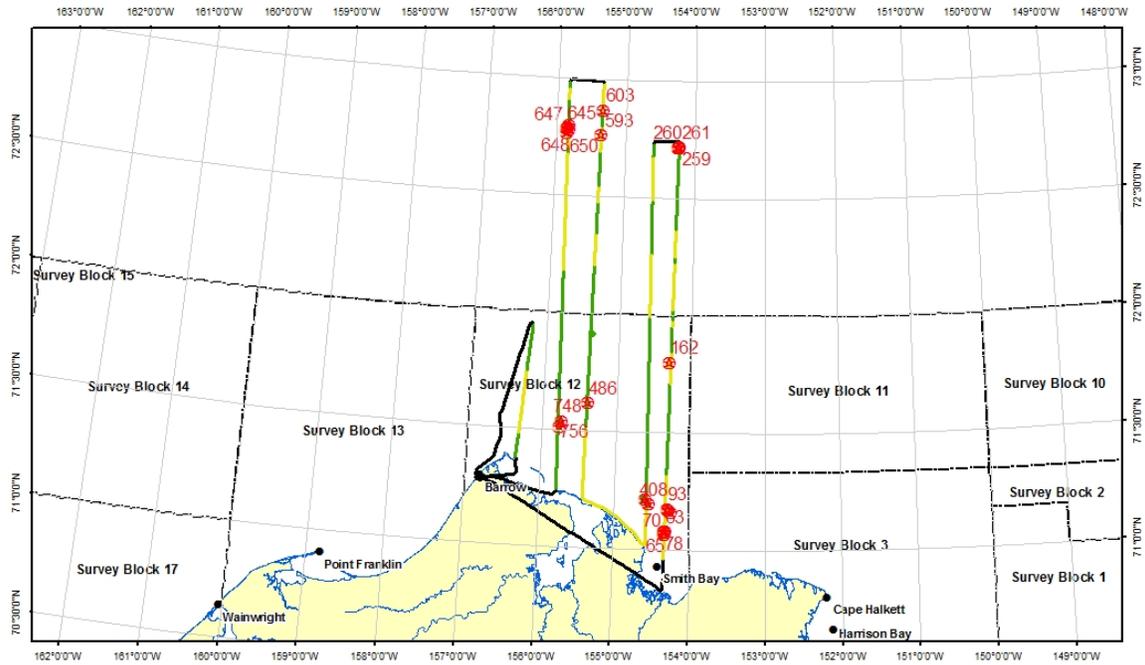
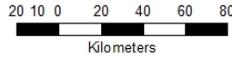
Preliminary Summary, Flight 224 Date: 8/20/2016

Total bowhead whales: 17	Start time: 8/20/2016 1:06:09 PM	End time: 8/20/2016 7:19:31 PM
Bowhead whale sightings: 13	Transect minutes: 226	Transect km: 835.8
Bowhead whales on transect: 11	Circling minutes: 35	Circling km: 106.2
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 261	Trans+Circ km: 942
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 12	Search km: 40.3
Bowhead whale repeats: 0	Total minutes: 334	Total km: 1279.4
Possible repeats: 0	Deadhead minutes: 61	Deadhead km: 297.1
Total gray whales: 0	Search blocks: 0, 12	
Total belugas: 36	Transect blocks: 12, 0	
Other whale sightings: 0		
Walruses: Yes		
Total polar bears: 0		

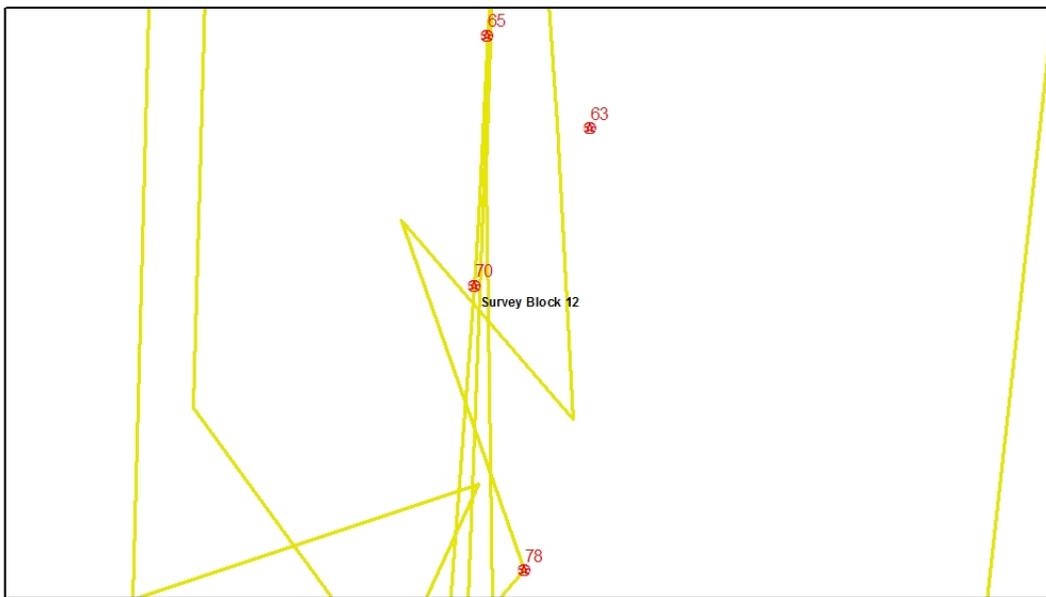
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
63	71.08	-154.32	12	bowhead whale	1	0	swim	181	True
65	71.08	-154.32	12	bowhead whale	1	0	swim	91	True
70	71.07	-154.32	12	bowhead whale	1	0	rest	-1	False
78	71.07	-154.32	12	bowhead whale	3	0	rest	-1	False
93	71.18	-154.32	12	bowhead whale	2	0	swim	-1	True
100	71.16	-154.25	12	bowhead whale	1	0	swim	-1	False
103	71.17	-154.28	12	bowhead whale	1	0	rest	-1	False
162	71.8	-154.28	12	bowhead whale	1	0	swim	151	True
259	72.71	-154.23	0	beluga	2	0	mill	-1	False
260	72.72	-154.23	0	beluga	3	1	swim	274	True
261	72.72	-154.23	0	beluga	3	0	swim	4	True
394	71.22	-154.57	12	bowhead whale	2	0	rest	-1	True
408	71.19	-154.57	12	bowhead whale	1	0	swim	270	True
486	71.62	-155.4	12	bowhead whale	1	0	swim	150	True
593	72.76	-155.35	0	beluga	3	0	swim	-1	False
603	72.87	-155.34	0	beluga	2	0	swim	-1	False
644	72.8	-155.83	0	beluga	5	1	swim	299	True
645	72.79	-155.83	0	beluga	9	0	swim	269	True
647	72.78	-155.83	0	beluga	3	0	swim	269	True
648	72.78	-155.83	0	beluga	4	1	swim	270	True
650	72.76	-155.83	0	beluga	2	0	swim	299	True
748	71.54	-155.78	12	bowhead whale	1	0	swim	269	True
756	71.51	-155.78	12	bowhead whale	1	0	feed	-1	True



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Aerial Surveys of Arctic Marine Mammals Program
Flight 224, 8/20/2016 1:03:21 PM



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Aerial Surveys of Arctic Marine Mammals Program
Flight 224, High Density Cluster 1, 8/20/2016 1:03:21 PM



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Aerial Surveys of Arctic Marine Mammals Program
Flight 224, High Density Cluster 2, 8/20/2016 1:03:21 PM

