

## ASAMM-Chukchi – Flight 222 – 16 August 2016

Area flown: Transects 3, 5, 7, and 9, complete.

Total hours flown: 5.1

Total transect hours: 2.9

Number of bowhead whales seen: 1 (0 calves)

Weather and visibility: Skies were overcast to partly cloudy. Sea state ranged from Beaufort 1-4. Visibility was 0 to 10 km, with low ceilings and glare. Sea ice cover ranged from 0-80% broken floe ice in the area surveyed.

Sightings: One bowhead whale, gray whales (including 1 calf), one unidentified cetacean, walruses, unidentified pinnipeds, and small unidentified pinnipeds.

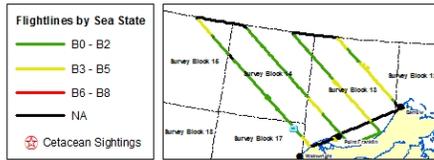
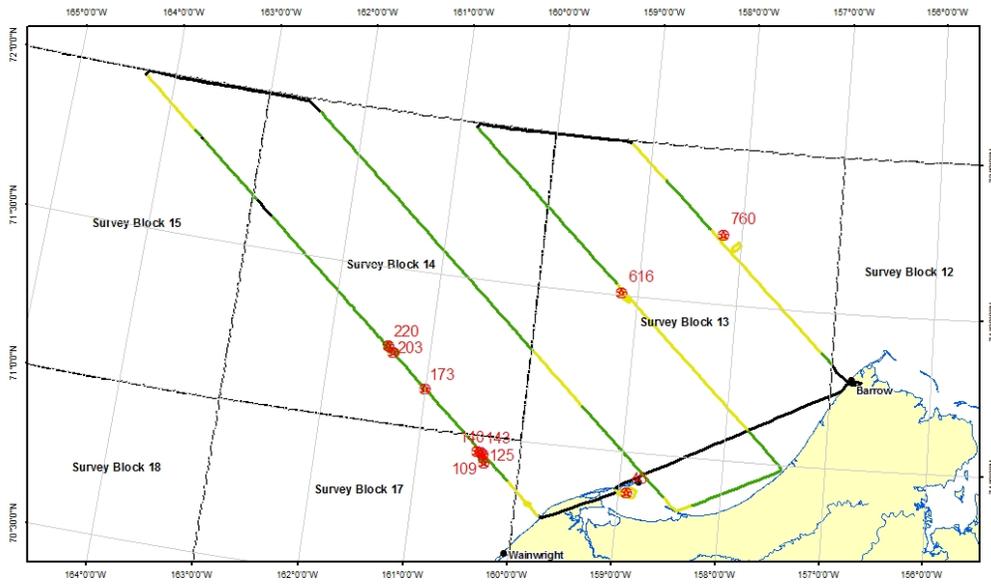
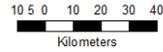
### Preliminary Summary, Flight 222 Date: 8/16/2016

Total bowhead whales: 1	Start time: 8/16/2016 2:26:30 PM	End time: 8/16/2016 7:29:30 PM
Bowhead whale sightings: 1	Transect minutes: 174	Transect km: 654.4
Bowhead whales on transect: 1	Circling minutes: 57	Circling km: 161.4
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 231	Trans+Circ km: 815.8
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 20	Search km: 75.1
Bowhead whale repeats: 0	Total minutes: 303	Total km: 1162.4
Possible repeats: 0	Deadhead minutes: 52	Deadhead km: 271.5
Total gray whales: 10	Search blocks: 13, 15, 14, 12	
Total belugas: 0	Transect blocks: 13, 17, 14, 15	
Other whale sightings: 1		
Walruses: Yes		
Total polar bears: 0		

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
46	70.87	-158.92	13	gray whale	1	0	feed	-1	False
109	70.94	-160.35	17	gray whale	1	0	feed	-1	True
125	70.92	-160.34	17	gray whale	1	0	feed	-1	False
140	70.95	-160.41	17	gray whale	1	0	feed	-1	False
143	70.95	-160.38	17	gray whale	1	0	feed	-1	False
173	71.13	-161	14	gray whale	2	0	feed	-1	True
203	71.23	-161.37	14	gray whale	1	0	feed	-1	False
220	71.25	-161.43	14	gray whale	2	1	swim	216	True
616	71.51	-159.15	13	unid cetacean	1	0	swim	222	True
760	71.71	-158.23	13	bowhead whale	1	0	swim	284	True



NOAA/FSC/NMML-BOEM  
Aerial Surveys of Arctic Marine Mammals Program  
Flight 222, 8/16/2016 2:20:47 PM



NOAA/FSC/NMML-BOEM  
Aerial Surveys of Arctic Marine Mammals Program  
Flight 222, High Density Cluster 1, 8/16/2016 2:20:47 PM

