

## ASAMM-Chukchi – Flight 225 – 22 August 2016

Area flown: Transects 10 and 12, complete. Coastal transect between transect 12 and Wainwright. Search effort nearshore between Point Franklin and Barrow.

Total hours flown: 4.4

Total transect hours: 2.5

Number of bowhead whales seen: 2 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2-6. Visibility was 0 to 10 km, with precipitation, low ceilings, and glare. Sea ice cover ranged from 0-50 percent broken floe ice in the area surveyed.

Sightings: Bowhead whales, gray whales (including 2 calves), 1 unidentified cetacean, walrus, 1 polar bear, unidentified pinnipeds, and 1 small unidentified pinniped. The single polar bear was observed ~137 km northwest of Wainwright, swimming near broken floe ice. A total of four carcasses were observed, including an unidentified cetacean and three unidentified pinnipeds.

### Preliminary Summary, Flight 225 Date: 8/22/2016

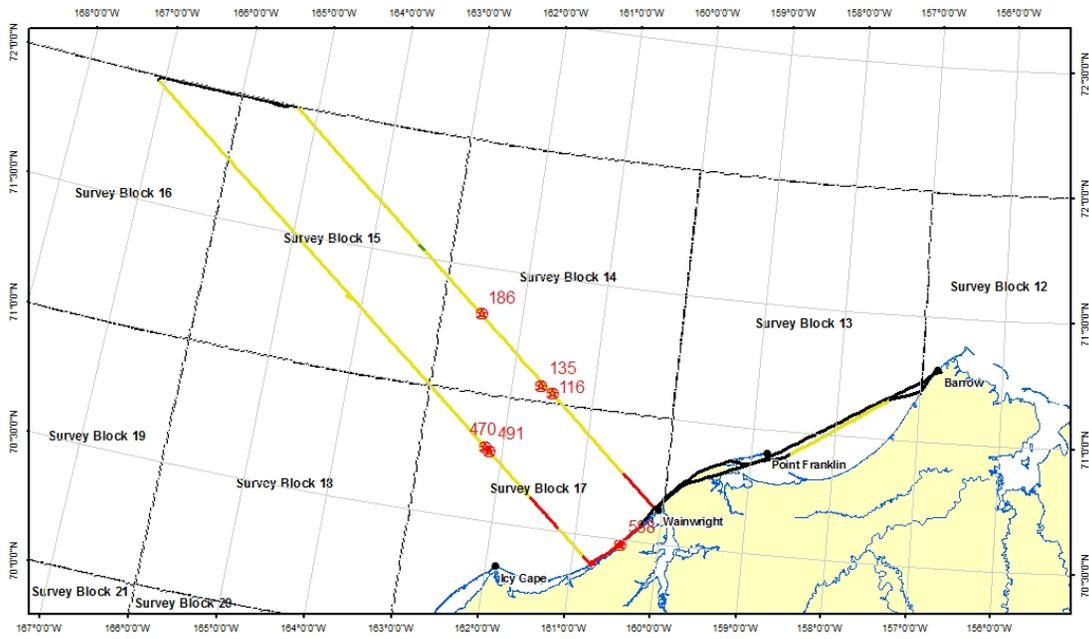
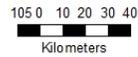
Total bowhead whales: 2	Start time: 8/22/2016 1:11:16 PM	End time: 8/22/2016 5:35:57 PM
Bowhead whale sightings: 2	Transect minutes: 150	Transect km: 546.9
Bowhead whales on transect: 2	Circling minutes: 38	Circling km: 102.4
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 188	Trans+Circ km: 649.3
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 13	Search km: 53
Bowhead whale repeats: 0	Total minutes: 264	Total km: 1013.9
Possible repeats: 0	Deadhead minutes: 63	Deadhead km: 311.6
Total gray whales: 4	Search blocks: 15, 17, 13	
Total belugas: 0	Transect blocks: 17, 14, 15, 16	
Other whale sightings: 2		
Walrus: Yes		
Total polar bears: 1		

### Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
116	71.04	-161.49	14	bowhead whale	1	0	rest	-1	True
135	71.08	-161.62	14	unid cetacean	1	0	swim	130	True
186	71.31	-162.51	14	bowhead whale	1	0	rest	-1	True
470	70.79	-162.2	17	gray whale	2	1	feed	-1	False
491	70.78	-162.15	17	gray whale	2	1	swim	311	True
588	70.48	-160.45	17	unid cetacean	1	0	dead	-1	True



NOAA\AFSC\NMML-BOEM  
 Aerial Surveys of Arctic Marine Mammals Program  
 Flight 225, 8/22/2016 1:05:05 PM



Heather Foley  
 NOAA/NMFS/AFSC/MML  
 NMFS Permit No. 14245-4  
 Funded by BOEM (IA Contract No. M16PG00013)

Gray whale cow calf pair sighted ~80 km west of Wainwright, Alaska (event 470), ASAMM-Chukchi Flight 225, 22 August 2016.