

ASAMM-Chukchi – Flight 226 – 23 August 2016

Area flown: Transects 2, 4 and 6, complete; transect 8, partial.

Total hours flown: 4.5 (2 flights)

Total transect hours: 2.3

Number of bowhead whales seen: 1 (0 calves)

Weather and visibility: Skies were overcast to partly cloudy. Sea state ranged from Beaufort 1-6, with higher sea states nearshore. Visibility was 0 to 10 km, with precipitation, low ceilings, glare, and ice on the window. Sea ice cover ranged from 0-80% broken floe ice in the area surveyed.

Low ceilings and scattered snow showers prevented complete coverage of transects 6 and 8.

Sightings: 1 bowhead whale, gray whales (including 2 calves), 1 unidentified cetacean, walrus, 1 bearded seal, unidentified pinnipeds, and small unidentified pinnipeds. Two walrus carcasses were sighted on the beach west of Pt. Franklin.

Preliminary Summary, Flight 226 Date: 8/23/2016

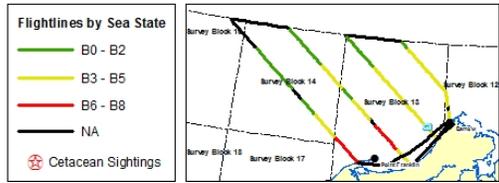
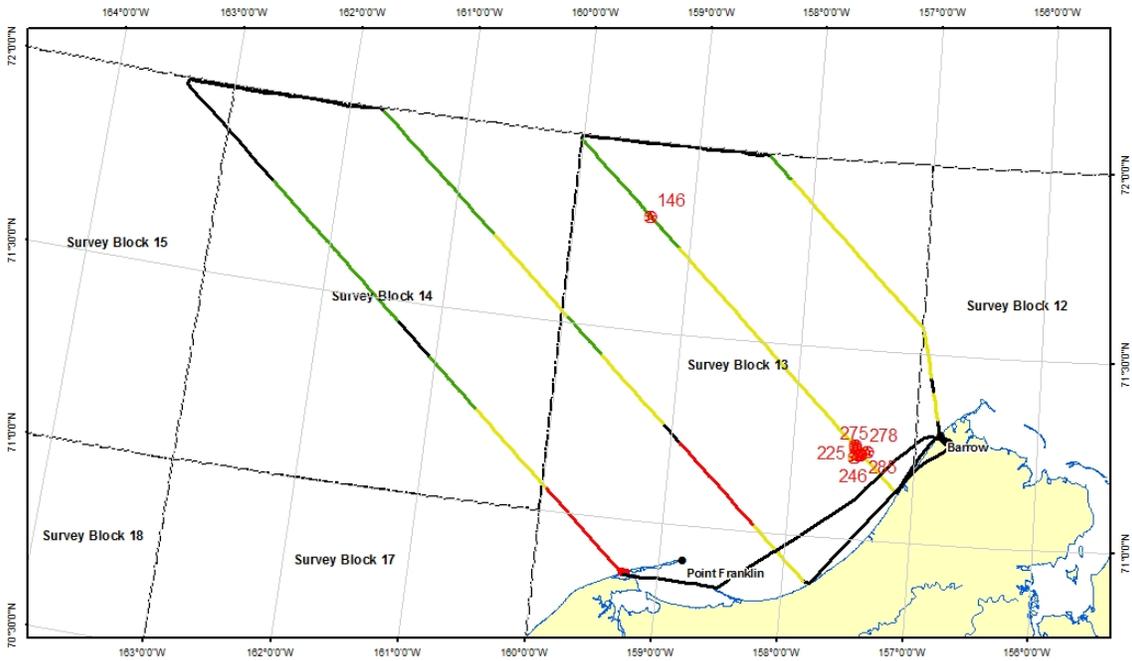
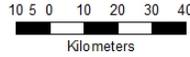
Total bowhead whales: 1	Start time: 8/23/2016 9:34:34 AM	End time: 8/23/2016 2:50:32 PM
Bowhead whale sightings: 1	Transect minutes: 138	Transect km: 520.4
Bowhead whales on transect: 1	Circling minutes: 31	Circling km: 78.9
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 169	Trans+Circ km: 599.3
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 11	Search km: 36.8
Bowhead whale repeats: 0	Total minutes: 267	Total km: 1023.6
Possible repeats: 0	Deadhead minutes: 87	Deadhead km: 387.5
Total gray whales: 15	Search blocks: 12, 13, 14	
Total belugas: 0	Transect blocks: 13, 14, 12	
Other whale sightings: 1		
Walrus: Yes		
Total polar bears: 0		

Cetacean Sightings:

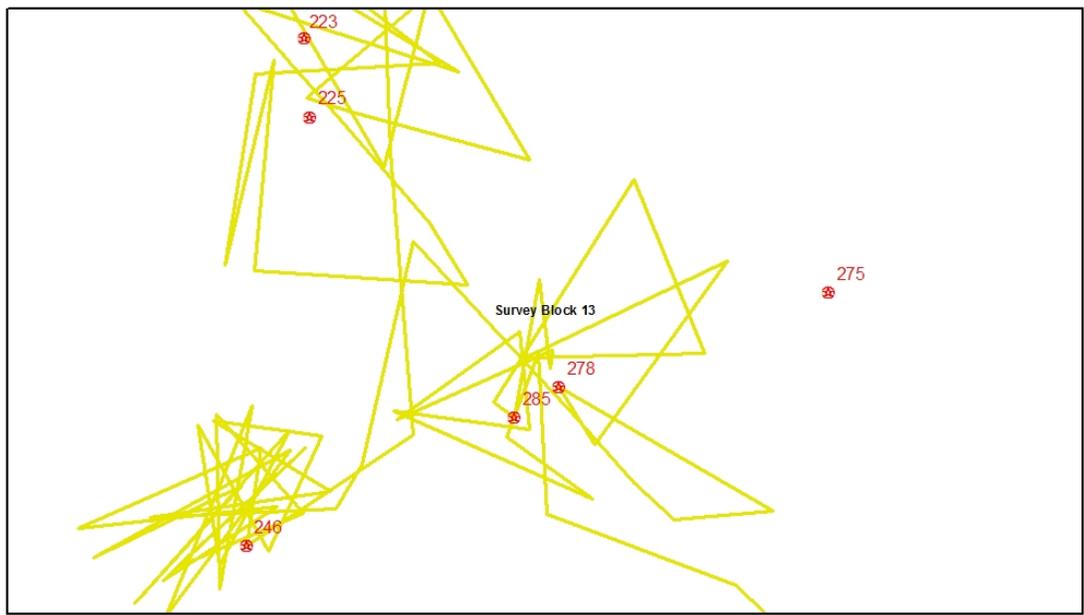
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
146	71.8	-159.35	13	bowhead whale	1	0	rest	-1	True
223	71.25	-157.49	13	unid cetacean	1	0	dive	-1	True
225	71.24	-157.48	13	gray whale	1	0	feed	-1	True
246	71.22	-157.49	13	gray whale	5	1	feed	-1	False
275	71.22	-157.42	13	gray whale	2	0	feed	-1	True
278	71.23	-157.43	13	gray whale	2	0	feed	-1	False
285	71.23	-157.44	13	gray whale	5	1	feed	-1	False



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Aerial Surveys of Arctic Marine Mammals Program
Flight 226, 8/23/2016 9:29:14 AM



NOAA\FSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 226, High Density Cluster 1, 8/23/2016 9:29:14 AM





Gray whale showing off an impressive collection of barnacles, sighted ~20 km west of Barrow, Alaska (event 246), ASAMM Flight 226, 23 August 2016.