

ASAMM-Chukchi – Flight 247 – 4 October 2015

Area flown: Transects 1, 2, 3, 5, and 7, complete.

Total hours flown: 4.7

Total transect hours: 2.7

Number of bowhead whales seen: 18 (no calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2-5.

Visibility ranged from 0 km to unlimited, with visual impediments including glare, precipitation, low ceiling, and ice on window. No sea ice was observed in the survey area.

Sightings: Bowhead whales, belugas, walruses, small unidentified pinnipeds, and unidentified pinnipeds.

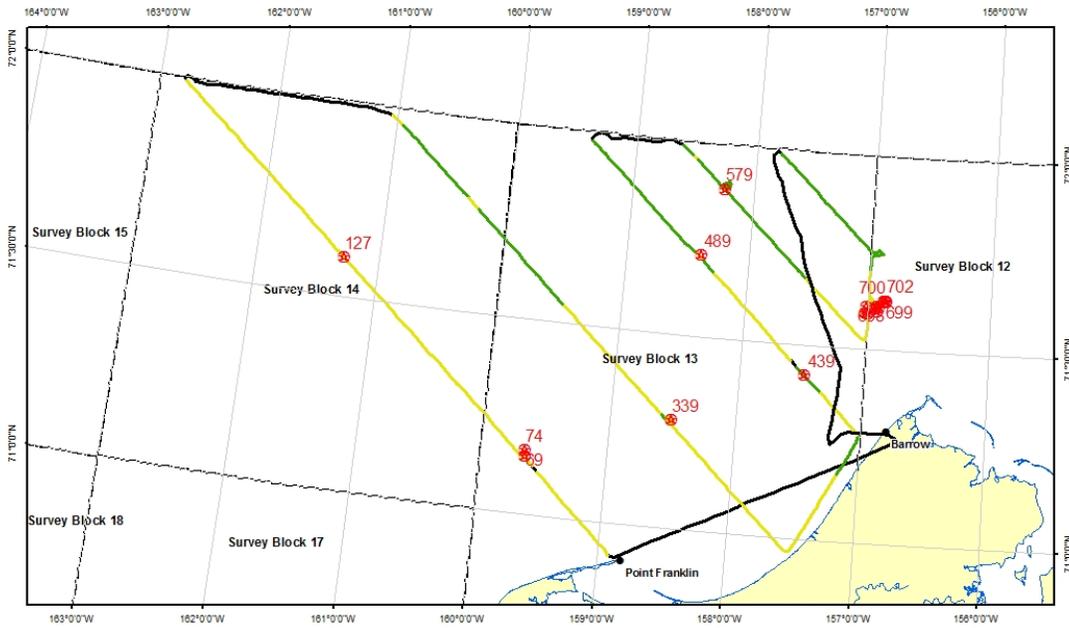
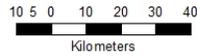
Preliminary Summary, Flight 247 Date: 10/4/2015

Total bowhead whales: 18	Start time: 10/4/2015 9:57:04 AM	End time: 10/4/2015 2:36:47 PM
Bowhead whale sightings: 16	Transect minutes: 164	Transect km:573.9
Bowhead whales on transect: 3	Circling minutes: 31	Circling km: 52
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 195	Trans+Circ km: 625.9
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 19	Search km: 67.7
Bowhead whale repeats: 1	Total minutes: 279	Total km: 985.8
Possible repeats: 0	Deadhead minutes: 65	Deadhead km: 292.2
Total gray whales: 0	Search blocks: 13, 14, 12	
Total belugas: 2	Transect blocks: 13, 14	
Other whale sightings: 0		
Walruses: Yes		
Total polar bears: 0		

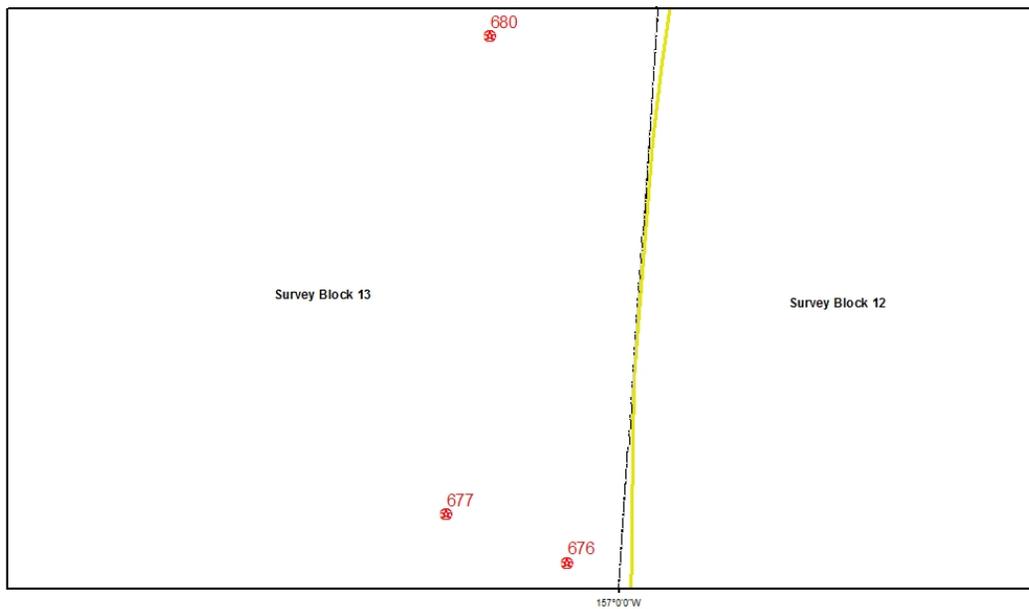
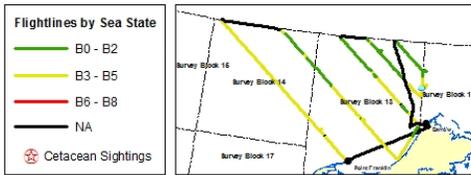
Cetacean Sightings:

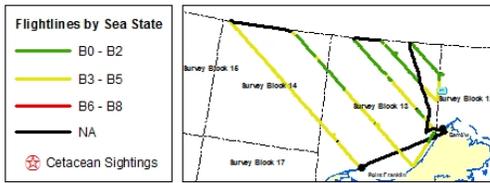
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
69	71.15	-159.66	13	bowhead whale	1	0	rest	-1	True
74	71.17	-159.65	13	bowhead whale	2	0	dive	-1	False
127	71.6	-161.29	14	bowhead whale	1	0	dive	-1	True
339	71.27	-158.53	13	bowhead whale	1	0	dead	-1	True
439	71.42	-157.48	13	beluga	1	0	rest	-1	True
489	71.71	-158.41	13	beluga	1	0	swim	104	True
579	71.88	-158.24	13	bowhead whale	1	0	swim	43	False
676	71.59	-157	13	bowhead whale	1	0	swim	-1	False
677	71.59	-157	13	bowhead whale	1	0	swim	-1	False
680	71.61	-157	13	bowhead whale	1	0	swim	-1	False
681	71.61	-157	12	bowhead whale	2	0	rest	-1	False
687	71.61	-156.94	12	bowhead whale	1	0	dive	-1	False
693	71.6	-156.92	12	bowhead whale	1	0	dive	-1	False
695	71.61	-156.92	12	bowhead whale	1	0	rest	-1	False
698	71.63	-156.88	12	bowhead whale	1	0	rest	-1	False
699	71.63	-156.87	12	bowhead whale	1	0	rest	-1	False
700	71.62	-156.86	12	bowhead whale	1	0	rest	-1	False
702	71.63	-156.86	12	bowhead whale	1	0	swim	-1	False

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 Aerial Surveys of Arctic Marine Mammals Program
 Flight 247, 10/4/2015 9:45:32 AM

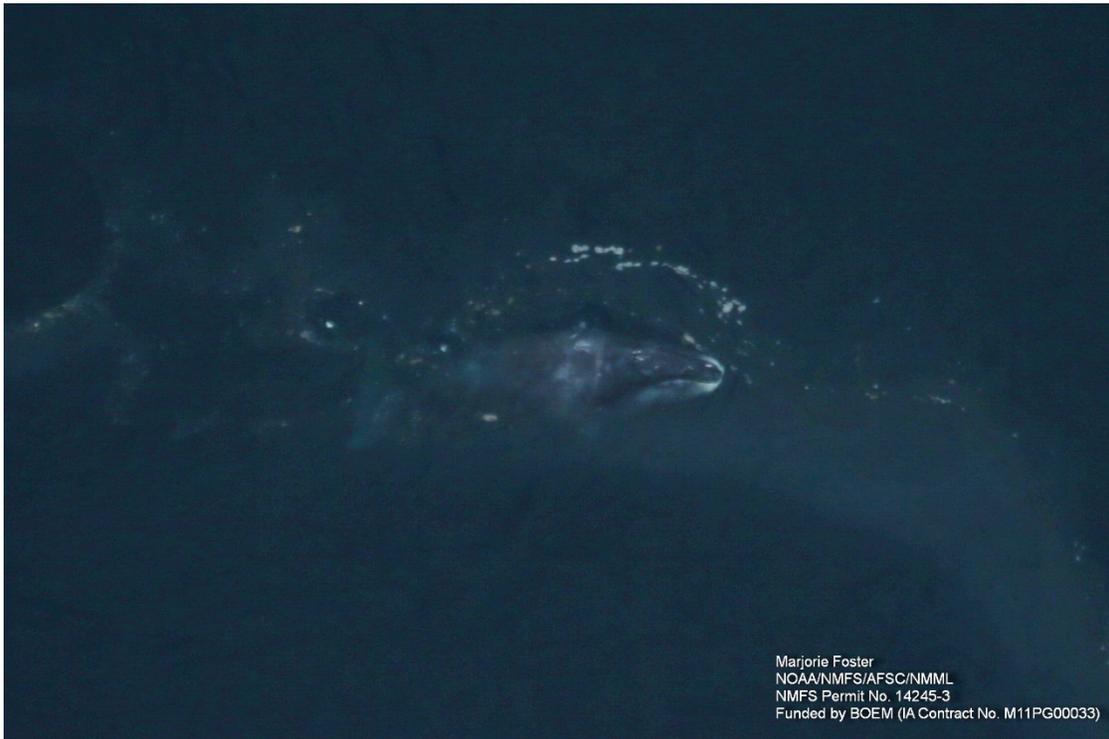
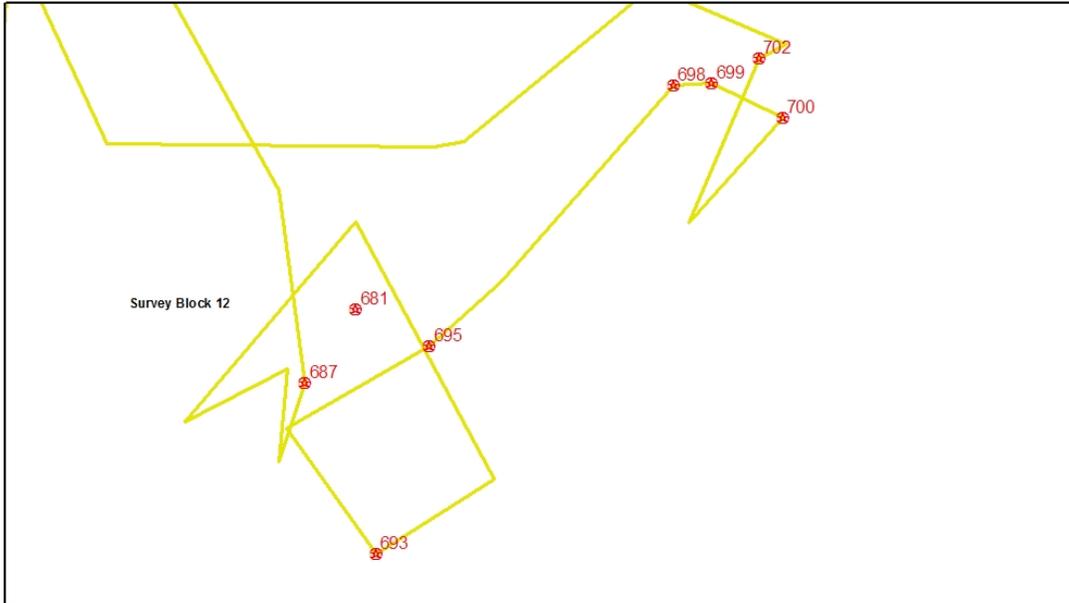
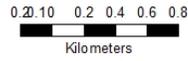


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 Aerial Surveys of Arctic Marine Mammals Program
 Flight 247, High Density Cluster 1, 10/4/2015 9:45:32 AM





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 Aerial Surveys of Arctic Marine Mammals Program
 Flight 247, High Density Cluster 2, 10/4/2015 9:45:32 AM



Marjorie Foster
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 NMFS Permit No. 14245-3
 Funded by BOEM (IA Contract No. M11PG00033)

Small, gray bowhead whale sighted about 85 km northwest of Barrow (event 579), ASAMM-Chukchi Flight 247, 4 October 2015.