

ASAMM-Chukchi – Flight 243 – 25 September 2013

Area flown: Transects 11 and 13, search effort between Pt. Franklin and Barrow.

Total hours flown: 5.2

Total transect hours: 2.8

Number of bowheads seen: 14 (1 calf)

Weather and visibility: Skies were partly cloudy. Visibility ranged from 0 km to 10 km, with glare, low ceiling and precipitation. Sea states ranged from Beaufort 2 to 6. No sea ice was observed in the area surveyed.

Sightings: Bowhead whales, a gray whale, unidentified cetaceans, walrus, unidentified pinnipeds, and one dead whale ~50 km northwest of Icy Cape. All walrus were in the water; no onshore haulouts were seen.

Preliminary Summary, Flight 243 Date: 9/25/2013

Total bowhead whales: 14	Start time: 9/25/2013 12:15:09 PM	End time: 9/25/2013 5:25:34 PM
Bowhead whale sightings: 8	Transect minutes: 167	Transect km:596.3
Bowhead whales on transect: 8	Circling minutes: 46	Circling km: 131.4
Bowhead whale cow-calf pairs: 1	Trans+Circ minutes: 213	Trans+Circ km: 727.7
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 22	Search km: 79.6
Bowhead whale repeats: 0	Total minutes: 310	Total km: 1198.7
Possible repeats: 0	Deadhead minutes: 75	Deadhead km: 391.4
Total gray whales: 1	Search blocks: 16, 13, 0, 17	
Total belugas: 0	Transect blocks: 17, 18, 15, 16, 14	
Other whale sightings: 4		
Total walrus: 15		
Total polar bears: 0		

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
132	70.59	-162.94	17	unid cetacean	1	0	dead	-1	True
206	71.07	-164.82	15	bowhead whale	1	0	swim	308	True
226	71.17	-165.2	15	unid cetacean	1	0	swim	-1	False
249	71.2	-165.33	15	bowhead whale	3	0	swim	-1	True
259	71.22	-165.42	15	bowhead whale	2	0	swim	-1	True
306	71.47	-166.47	16	unid cetacean	1	0	dive	-1	True
339	71.41	-166.23	16	unid cetacean	1	0	unknown	-1	False
353	71.52	-166.69	16	gray whale	1	0	swim	305	True
490	71.67	-165.54	15	bowhead whale	2	1	swim	9	True
501	71.67	-165.48	15	bowhead whale	2	0	unknown	-1	False
520	71.65	-165.53	15	bowhead whale	2	0	dive	-1	False
758	71.22	-157.09	13	bowhead whale	1	0	swim	237	False
759	71.23	-157.04	13	bowhead whale	1	0	swim	144	False

NOAA/AFSC/NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 243, 9/25/2013

Flightlines by Sea State

- B0 - B2
- B3, B4
- B5, B6
- B7 - B12
- n/a

Cetacean Sightings -
 Labeled by sighting number
 as shown on Summary Table

