

ASAMM-Chukchi – Flight 205 – 10 July 2013

Area flown: Transects 2, 4, 6 and 8, complete; coastal transect between transects 4 and 8; search effort from Pt. Franklin to Barrow.

Total hours flown: 4.7

Total transect hours: 3.3

Number of bowheads seen: 1 (0 calves)

Weather and visibility: Clear to partly cloudy. Sea state ranged from Beaufort 1-7, with higher sea states nearshore in areas with little to no ice. Visibility varied from <1 km to 10 km, with low patchy fog and glare. Ice cover ranged from 1-95% in the area surveyed.

Sightings: One bowhead whale, gray whales, walrus, bearded seals, unidentified pinnipeds and small unidentified pinnipeds.

Preliminary Summary, Flight 205 Date: 7/10/2013

Total bowhead whales: 1	Start time: 7/10/2013 11:45:54 AM	End time: 7/10/2013 4:28:12 PM
Bowhead whale sightings: 1	Transect minutes: 200	Transect km:733.2
Bowhead whales on transect: 1	Circling minutes: 24	Circling km: 57
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 224	Trans+Circ km: 790.2
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 25	Search km: 84.8
Bowhead whale repeats: 0	Total minutes: 283	Total km: 1020
Possible repeats: 0	Deadhead minutes: 34	Deadhead km: 145
Total gray whales: 5	Search blocks: 13, 14, 12	
Total belugas: 0	Transect blocks: 13, 14, 15, 17	
Other whale sightings: 0		
Total walrus: 19		
Total polar bears: 0		

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
262	70.85	-158.37	13	bowhead whale	1	0	dive	-1	True
566	70.97	-160.31	17	gray whale	1	0	feed	-1	True
643	71.02	-158.28	13	gray whale	1	0	feed	-1	False
651	71.03	-158.22	13	gray whale	1	0	feed	-1	False
657	71.05	-158.21	13	gray whale	1	0	feed	-1	False
699	71.28	-156.98	12	gray whale	1	0	feed	-1	False

NOAA/AFSC/INMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 205, 7/10/2013

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

