

### ASAMM-Chukchi – Flight 218 – 11 August 2013

Area flown: Transects 1 and 3, complete; transects 5 and 7, partial; coastal transect between transects 3 and 5; search effort between offshore ends of transects 1 and 3, and from Point Franklin to Barrow.

Total hours flown: 3.7

Total transect hours: 2.2

Number of bowheads seen: 0 (0 calves)

Weather and visibility: Skies were partly cloudy. Sea state ranged from Beaufort 1-4. Visibility ranged from 0 to unlimited, with fog, haze, precipitation, and glare. Fog prevented transects 5 and 7 from being completed. Sea ice ranged from 0 to 40% broken floe in the area surveyed.

Sightings: Gray whales (including one calf), walrus, one bearded seal, unidentified pinnipeds, and small unidentified pinnipeds.

#### Preliminary Summary, Flight 218 Date: 8/11/2013

Total bowhead whales: 0	Start time: 8/11/2013 4:53:58 PM	End time: 8/11/2013 8:33:23 PM
Bowhead whale sightings: 0	Transect minutes: 131	Transect km: 440.4
Bowhead whales on transect: 0	Circling minutes: 22	Circling km: 52.9
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 153	Trans+Circ km: 493.3
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 51	Search km: 181.8
Bowhead whale repeats: 0	Total minutes: 220	Total km: 731.7
Possible repeats: 0	Deadhead minutes: 16	Deadhead km: 56.6
Total gray whales: 24	Search blocks: 12, 13, 14	
Total belugas: 0	Transect blocks: 13, 14	
Other whale sightings: 0		
Total walrus: 23		
Total polar bears: 0		

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
257	70.95	-157.56	13	gray whale	1	0	swim	51	True
270	70.92	-157.86	13	gray whale	2	1	swim	134	True
299	71.02	-158.17	13	gray whale	1	0	feed	-1	True
304	71.01	-158.19	13	gray whale	2	0	feed	-1	False
307	71.01	-158.2	13	gray whale	2	0	feed	-1	False
313	71.04	-158.25	13	gray whale	2	0	feed	-1	True
324	71.06	-158.3	13	gray whale	1	0	feed	-1	True
541	71.1	-157.91	13	gray whale	1	0	feed	-1	False
542	71.11	-157.87	13	gray whale	1	0	feed	-1	False
545	71.12	-157.84	13	gray whale	1	0	feed	-1	False
547	71.12	-157.82	13	gray whale	2	0	feed	-1	False
549	71.12	-157.79	13	gray whale	1	0	rest	-1	False
568	71.25	-157.03	13	gray whale	7	0	feed	-1	False

NOAAAFSCINMML-BOEM  
 Aerial Surveys of Arctic Marine Mammals Program  
 Flight 218, 8/11/2013

**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

