

## ASAMM-Chukchi – Flight 257 – 27 October 2015

Area flown: Transects 9 and 11, complete.

Total hours flown: 4.1

Total transect hours: 3.0

Number of bowhead whales seen: 4 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1 to 5. Visibility ranged from 1 km to unlimited, with visual impediments including low ceilings, glare, and precipitation. Sea ice in the area surveyed ranged from 0 to 90% new and grease ice.

Sightings: One live and 3 dead bowhead whales, gray whales, small unidentified pinnipeds, 1 walrus, and 1 polar bear. The dead bowhead whales were about 200 km southwest, 265 km west, and 312 km northwest, respectively, of Barrow.

### Preliminary Summary, Flight 257 Date: 10/27/2015

Total bowhead whales: 4	Start time: 10/27/2015 12:20:38 PM	End time: 10/27/2015 4:24:41 PM
Bowhead whale sightings: 4	Transect minutes: 179	Transect km:623.9
Bowhead whales on transect: 2	Circling minutes: 8	Circling km: 23.7
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 187	Trans+Circ km: 647.6
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 5	Search km: 17.2
Bowhead whale repeats: 0	Total minutes: 244	Total km: 912.4
Possible repeats: 0	Deadhead minutes: 52	Deadhead km: 247.6
Total gray whales: 5	Search blocks: 16, 0, 13, 12	
Total belugas: 0	Transect blocks: 17, 14, 15, 16, 13, 12	
Other whale sightings: 0		
Walruses: Yes		
Total polar bears: 1		

### Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
133	71	-162.34	17	bowhead whale	1	0	dead	-1	True
201	71.46	-164.16	15	bowhead whale	1	0	dead	-1	True
311	72	-165.37	0	bowhead whale	1	0	dead	-1	False
415	71.49	-162.56	14	bowhead whale	1	0	swim	217	False
455	71.22	-161.52	14	gray whale	1	0	swim	308	True
457	71.21	-161.51	14	gray whale	1	0	swim	99	True
458	71.21	-161.49	14	gray whale	1	0	feed	-1	True
501	70.92	-160.46	17	gray whale	2	0	swim	72	True

NOAA\FSC\NMML-BOEM  
 Aerial Surveys of Arctic Marine Mammals Program  
 Flight 257, 10/27/2015 12:08:35 PM

**Flightlines by Sea State**

- B0 - B2
- B3 - B5
- B6 - B8
- NA

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

