

## ASAMM-Chukchi – Flight 253 – 16 October 2016

Area flown: Block 12, 6 complete transects.

Total hours flown: 3.7

Total transect hours: 2.3

Number of bowhead whales seen: 20 (3 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2-6.

Visibility was 5 km to unlimited, with glare. There was no sea ice in the area surveyed.

Sightings: Bowhead whales, polar bears, 1 unidentified marine mammal, and small unidentified pinnipeds. All polar bears were seen on shore between Smith Bay and Pt. Barrow.

### Preliminary Summary, Flight 253 Date: Sunday, October 16, 2016

Total bowhead whales: 20	Start time: 10/16/2016 3:01:49 PM	End time: 10/16/2016 6:41:48 PM
Bowhead whale sightings: 9	Transect minutes: 140	Transect km: 533.2
Bowhead whales on transect: 20	Circling minutes: 18	Circling km: 48.6
Bowhead whale cow-calf pairs: 3	Trans+Circ minutes: 157	Trans+Circ km: 581.8
Bowhead whale cow-calf pairs on transect: 3	Search minutes: 26	Search km: 95.8
Bowhead whale repeats: 0	Total minutes: 219	Total km: 849.8
Possible repeats: 0	Deadhead minutes: 36	Deadhead km: 172.2
Total gray whales: 0	Search blocks: 12	
Total belugas: 0	Transect blocks: 12	
Other whale sightings: 0		
walrus: no		
Total polar bears: 4		

### Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
109	71.43	-156.3	12	bowhead whale	3	0	swim	245	True
118	71.4	-156.31	12	bowhead whale	1	0	swim	-1	True
119	71.39	-156.31	12	bowhead whale	2	0	dive	-1	True
152	71.5	-155.77	12	bowhead whale	7	1	swim	-1	True
252	71.52	-155.36	12	bowhead whale	2	1	swim	92	True
333	71.64	-154.81	12	bowhead whale	1	0	swim	24	True
334	71.64	-154.81	12	bowhead whale	1	0	swim	23	True
391	71.7	-154.11	12	bowhead whale	1	0	rest	-1	True
394	71.65	-154.11	12	bowhead whale	2	1	swim	92	True

NOAA\AFSC\NMML-BOEM  
 Aerial Surveys of Arctic Marine Mammals Program  
 Flight 253, 10/16/2016 2:53:23 PM

**Flightlines by Sea State**

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

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

