

ASAMM-Chukchi – Flight 257 – 22 October 2016

Area flown: Transect 5, complete; transects 6, 8, and 9, partial.

Total hours flown: 3.9

Total transect hours: 2.3

Number of bowhead whales seen: 15 (2 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2-5.

Visibility was <1 to 10 km, with glare, low ceiling, ice on the windows, and precipitation. There was no sea ice in the area surveyed.

Sightings: Bowhead whales, walrus, and one small unidentified pinniped.

Preliminary Summary, Flight 257 Date: Saturday, October 22, 2016

Total bowhead whales: 15	Start time: 10/22/2016 10:32:42 AM	End time: 10/22/2016 2:27:41 PM
Bowhead whale sightings: 6	Transect minutes: 132	Transect km: 490.8
Bowhead whales on transect: 12	Circling minutes: 21	Circling km: 60.6
Bowhead whale cow-calf pairs: 2	Trans+Circ minutes: 153	Trans+Circ km: 551.4
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 19	Search km: 75.4
Bowhead whale repeats: 0	Total minutes: 234	Total km: 931.6
Possible repeats: 0	Deadhead minutes: 63	Deadhead km: 304.8
Total gray whales: 0	Search blocks: 13,14,15	
Total belugas: 0	Transect blocks: 13,14,15	
Other whale sightings: 0		
walrus: yes		
Total polar bears: 0		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
166	71.9	-163.95	15	bowhead whale	3	1	swim	218	False
248	71.7	-162.31	14	bowhead whale	1	0	swim	40	True
333	71.74	-160.78	14	bowhead whale	1	0	swim	281	True
369	71.97	-161.63	14	bowhead whale	8	1	mill	-1	True
409	71.92	-160.6	14	bowhead whale	1	0	swim	311	True
441	71.61	-159.48	13	bowhead whale	1	0	swim	72	True

NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 257, 10/22/2016 10:25:33 AM

Flightlines by Sea State

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

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

