

ASAMM-Chukchi – Flight 258 – 28 October 2015

Area flown: Transect 1, complete; transect 2, partial; block 3, 4 partial transects; block 11, 3 complete and 3 partial transects.

Total hours flown: 4.4

Total transect hours: 2.4

Number of bowhead whales seen: 0 (0 calves)

Weather and visibility: Skies were clear, partly cloudy, and overcast. Sea state ranged from Beaufort 0 to 3. Visibility ranged from <1 to 10 km, with visual impediments including low ceilings, glare, and precipitation. Sea ice in the area surveyed ranged from 0 to 100% new, grease, broken floe, and pack ice. Low ceilings in the Chukchi Sea and limited visibility in the Beaufort Sea thwarted additional survey coverage.

Sightings: Belugas and 1 small unidentified pinniped.

Preliminary Summary, Flight 258 Date: 10/28/2015

Total bowhead whales: 0	Start time: 10/28/2015 12:16:57 PM	End time: 10/28/2015 4:41:16 PM
Bowhead whale sightings: 0	Transect minutes: 146	Transect km:541.2
Bowhead whales on transect: 0	Circling minutes: 0	Circling km: 0
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 146	Trans+Circ km: 541.2
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 1	Search km: 4.4
Bowhead whale repeats: 0	Total minutes: 265	Total km: 1128.6
Possible repeats: 0	Deadhead minutes: 118	Deadhead km: 583
Total gray whales: 0	Search blocks: 0, 13, 3, 11	
Total belugas: 2	Transect blocks: 13, 11, 3, 0	
Other whale sightings: 0		
Walrus: No		
Total polar bears: 0		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
374	71.58	-152.35	11	beluga	1	0	swim	265	True
376	71.6	-152.35	11	beluga	1	0	swim	266	True

NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 258, 10/28/2015 11:59:15 AM

Flightlines by Sea State

- B0 - B2 (Green line)
- B3 - B5 (Yellow line)
- B6 - B8 (Red line)
- NA (Black line)

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

