

BWASP – Flight 17 – 10 October 2010

Area flown: Block 12, three complete transects and three partial transects (truncated to avoid the Barrow whaling area)

Total hours flown: 4.3

Total transect hours: 2.5

Number of bowheads seen: 4 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast throughout the survey area. Sea state ranged from Beaufort 0 to 5. Beaufort 0 was observed near shore, where 5 – 100% grease and shorefast ice were present. Visibility ranged from 0 to 10 km with numerous snow squalls throughout the survey area.

Sightings: Bowheads and caribou

Bowhead Preliminary Summary, Flight 17 Date: 10/10/2010

Total bowheads: 4	Start time: 10/10/2010 10:06:53 AM	End time: 10/10/2010 2:21:43 PM
Bowhead sightings: 4	Transect minutes: 147	Transect km: 498.6
Bowheads on transect: 4	Circling minutes: 0	Circling km: 0
Bowhead Cow-calf pairs: 0	Trans+Circ minutes: 147	Trans+Circ km: 498.6
Bowhead Cow-calf Pairs on transect: 0	Search minutes: 54	Search km: 205
Bowhead repeats: 0	Total minutes: 255	Total km: 930.6
Possible repeats: 0	Deadhead minutes: 54	Deadhead km: 227
Total gray whales: 0	Search blocks: 3, 0, 12, 13	
Total belugas: 0	Transect blocks: 12	
Other whale sightings: 0		
Total walrus: 0		
Total bear: 0		

Event	Lat	Long	Block	Species	Total	Repeat	Calves	Swim direction	Swim Speed	Behavior	On effort
289	71.83	-154.61	12	bowhead	1	no	0	90	.	swim	True
368	71.17	-154.54	12	bowhead	1	no	0	358	medium	dive	True
363	71.22	-154.55	12	bowhead	1	no	0	268	.	swim	True
428	71.3	-155.11	12	bowhead	1	no	0	243	slow	swim	True

NMML/MMS
 Bowhead Whale Aerial Survey Program
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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

