

BWASP – Flight 18 – 18 October 2009

Area flown: Block 3, easternmost two lines; Block 1, western half; Block 2, westernmost two lines

Total hours flown: 4.5

Total transect hours: 2.4

Number of bowheads seen: 5 (2 calves)

Weather and visibility: Sea states were predominantly Beaufort 2-3. Visibility varied but was generally good (5-10 km); transects were truncated in Block 2 due to lower visibility caused by frequent snow showers. Little ice was encountered outside of the barrier islands.

Sightings: Bowhead whales, belugas, bearded seals, small unidentified pinnipeds, and polar bears on Cross Island

Bowhead Preliminary Summary, Flight 18 Date: 10/18/2009

Total bowheads: 5	Start time: 10/18/2009 9:46:56 AM	End time: 10/18/2009 2:16:51 PM
Bowhead sightings: 3	Transect minutes: 141	Transect km: 493.9
Bowheads on transect: 5	Circling minutes: 33	Circling km: 95.6
Bowhead Cow-calf pairs: 2	Trans+Circ minutes: 174	Trans+Circ km: 589.5
Bowhead Cow-calf Pairs on transect: 2	Search minutes: 66	Search km: 231.6
Bowhead repeats: 0	Total minutes: 270	Total km: 942.2
Possible repeats: 0	Deadhead minutes: 30	Deadhead km: 121.1
Total gray whales: 0	Search blocks: 3, 11, 1, 2, 0	
Total belugas: 16	Transect blocks: 3, 1, 2	
Other whale sightings: 0		
Total walrus: 0		
Total bear: 15		

Event	Lat	Long	Block	Species	Total	Repeat	Calves	Swim direction	Swim Speed	Behavior	On effort
180	70.95	-150.29	3	bowhead	2	.	1	273	.	cow with calf	True
320	71.28	-149.92	2	beluga whale	10	.	0	71	.	swim	False
322	71.28	-149.88	2	beluga whale	6	.	0	-1	.	mill	False
379	70.9	-149.15	1	bowhead	2	.	1	302	.	cow with calf	True
494	70.72	-148.6	1	bowhead	1	.	0	300	.	swim	True

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

NMML/MMS
Bowhead Whale Aerial Survey Program
Flight 18, 10/18/2009

