

BWASP – Flight 8 – 21 September 2010

Area flown: Blocks 4, 5 and 6; four partial transects

Total hours flown: 4.9

Total transect hours: 1.3

Number of bowheads seen: 25 (0 calves)

Weather and visibility: Skies were overcast throughout the survey area. Sea state was Beaufort 2 to 5. Visibility ranged from 0 to 10 km with low ceilings and snow showers precluding complete coverage of all tracklines. It was not possible to survey transects in Block 5 due to low ceilings and snow showers. Ice cover in Block 1 ranged from 1 to 30% broken floe.

Sightings: Bowhead whales, unidentified cetaceans, polar bears (all on Cross Island), bearded seal, and an unidentified pinniped

Bowhead Preliminary Summary, Flight 8 Date: 9/21/2010

Total bowheads: 25	Start time: 9/21/2010 9:24:26 AM	End time: 9/21/2010 2:19:27 PM
Bowhead sightings: 21	Transect minutes: 78	Transect km: 266.1
Bowheads on transect: 0	Circling minutes: 18	Circling km: 55
Bowhead Cow-calf pairs: 0	Trans+Circ minutes: 96	Trans+Circ km: 321.1
Bowhead Cow-calf Pairs on transect: 0	Search minutes: 85	Search km: 312.3
Bowhead repeats: 0	Total minutes: 295	Total km: 1080.2
Possible repeats: 0	Deadhead minutes: 114	Deadhead km: 446.8
Total gray whales: 0	Search blocks: 4, 0, 5, 9, 6, 2, 1	
Total belugas: 0	Transect blocks: 5, 4, 6	
Other whale sightings: 3		
Total walrus: 0		
Total bear: 10		

Event	Lat	Long	Block	Species	Total	Repeat	Calves	Swim direction	Swim Speed	Behavior	On effort
163	69.74	-141.46	5	bowhead	1	no	0	-1	.	rest	False
174	69.66	-141.01	5	bowhead	1	no	0	295	.	swim	False
177	69.66	-140.95	5	bowhead	1	no	0	-1	.	swim	False
191	69.63	-140.78	5	unknown cetacean	2	no	0	-1	.	swim	False
193	69.64	-140.7	5	bowhead	1	no	0	349	.	swim	False
196	69.64	-140.59	5	bowhead	1	no	0	-1	.	mill	False
198	69.65	-140.6	5	bowhead	2	no	0	-1	.	mill	False
203	69.64	-140.74	5	bowhead	1	no	0	268	.	swim	False
204	69.64	-140.75	5	bowhead	1	no	0	28	.	swim	False
206	69.64	-140.76	0	bowhead	1	no	0	268	.	swim	False
207	69.64	-140.79	5	bowhead	1	no	0	88	.	dive	False
220	69.76	-140.84	5	unknown cetacean	1	no	0	-1	.	.	True
223	69.78	-140.83	5	bowhead	2	no	0	-1	.	swim	False
248	69.67	-140.93	5	bowhead	1	no	0	295	.	swim	False
253	69.67	-141.04	5	bowhead	1	no	0	358	.	swim	False

257	69.69	- 141.13	5	bowhead	1	no	0	-1	.	breach	False
259	69.7	- 141.15	5	bowhead	1	no	0	-1	.	swim	False
261	69.7	- 141.15	5	bowhead	2	no	0	-1	.	swim	False
272	69.72	-141.3	5	bowhead	1	no	0	26	.	swim	False
276	69.74	- 141.42	5	bowhead	1	no	0	27	.	swim	False
278	69.74	- 141.43	5	bowhead	1	no	0	118	.	swim	False
286	69.78	- 141.65	5	bowhead	2	no	0	-1	.	tail slap	False
530	70.22	- 145.53	4	bowhead	1	no	0	323	.	swim	False

NMML/MMS
Bowhead Whale Aerial Survey Program
Flight 8, 9/21/2010

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

