

BWASP – Flight 4 – 13 September 2010

Area flown: Blocks 1 and 2, eight partial transects

Total hours flown: 4.8

Total transect hours: 2.5

Number of bowheads seen: 15 (0 calves)

Weather and visibility: Partly cloudy with areas of overcast. Sea state ranged from Beaufort 1 to 3. Visibility was mostly 0 to 5 km with small areas of up to 10 km. Low lying fog precluded complete coverage of transects. Ice cover in the Blocks 1 and 2 ranged from 1 to 50% broken floe.

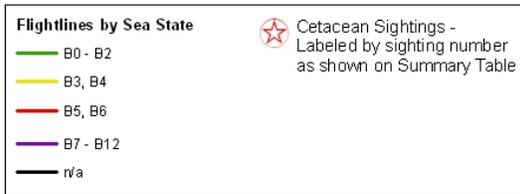
Sightings: Bowhead whales, belugas, unidentified cetacean, unidentified pinnipeds, polar bears. The polar bears were in the surf zone near Cross Island; no bears were seen on the island.

Bowhead Preliminary Summary, Flight 4 Date: 9/13/2010

Total bowheads: 15	Start time: 9/13/2010 10:12:31 AM	End time: 9/13/2010 2:59:45 PM
Bowhead sightings: 13	Transect minutes: 150	Transect km: 511.7
Bowheads on transect: 10	Circling minutes: 22	Circling km: 55.8
Bowhead Cow-calf pairs: 0	Trans+Circ minutes: 172	Trans+Circ km: 567.5
Bowhead Cow-calf Pairs on transect: 0	Search minutes: 42	Search km: 131.1
Bowhead repeats: 1	Total minutes: 287	Total km: 981
Possible repeats: 0	Deadhead minutes: 73	Deadhead km: 282.4
Total gray whales: 0	Search blocks: 1, 2	
Total belugas: 2	Transect blocks: 1, 2	
Other whale sightings: 1		
Total walrus: 0		
Total bear: 5		

Event	Lat	Long	Block	Species	Total	Repeat	Calves	Swim direction	Swim Speed	Behavior	On effort
111	70.91	-149.26	1	bowhead	1	no	0	294	.	swim	True
120	70.83	-149.23	1	bowhead	1	no	0	174	.	swim	True
122	70.83	-149.23	1	bowhead	2	no	0	-1	.	mill	True
127	70.81	-149.18	1	bowhead	2	no	0	-1	.	mill	False
132	70.83	-149.22	1	bowhead	1	yes	0	-1	.	swim	False
133	70.81	-149.23	1	bowhead	1	no	0	-1	.	swim	False
223	70.82	-148.56	1	bowhead	1	no	0	329	.	swim	True
262	71.18	-148.41	2	beluga	1	no	0	233	.	swim	True
264	71.18	-148.41	2	beluga	1	no	0	203	.	swim	True
286	70.92	-148.29	1	unknown cetacean	1	no	0	352	.	swim	True
315	70.75	-148.22	1	bowhead	1	no	0	-1	.	swim	True
335	70.78	-148.3	1	bowhead	1	no	0	-1	.	swim	False
337	70.77	-148.29	1	bowhead	1	no	0	-1	.	swim	False
467	70.63	-147.72	1	bowhead	1	no	0	263	.	swim	True
469	70.65	-147.73	1	bowhead	1	no	0	293	.	swim	True

473	70.68	- 147.74	1	bowhead	1	no	0	83	.	swim	True
475	70.7	- 147.74	1	bowhead	1	no	0	173	.	swim	True



NMML/MMS
Bowhead Whale Aerial Survey Program
Flight 4, 9/13/2010

