

BOWFEST – Flight 7 – September 15 2010

TAKE-OFF TIME: **15:19:48**

TOUCH-DOWN TIME: **19:41:49**

TOTAL FLIGHT TIME: **4.4 Hours**

SEARCH SCHEME: **3**

Weather and Visibility: Because little on-effort data were collected on the previous survey (flight 6), today's flight continued tracklines on scheme 3. While we encountered patches of light fog throughout much of the study area, visibility was good enough to allow fairly thorough coverage. Most of the tracklines in the smaller section of the study area were completed. Visibility was generally fair or better with Beaufort sea states between 2 and 5.

EFFORT SUMMARY	DISTANCE (KM)	TIME (MINS)
On Effort - Trackline	499.54	158.33
On Effort - Deadhead	106.37	31.03
On Effort - Photo Mode	49.19	16.03
On Effort - Circling	21.59	7.43
Off Effort	179.77	49.18
Total Search Time	676.69	212.83

SIGHTING SUMMARY	# SIGHTINGS	# ANIMALS
Bowhead Whale	13	40(49*)
Polar Bear	2	2
Unid Seal	1	1
Totals	16	43(52*)

* There were 13 bowhead whale groups sighted for a total of 40 animals. However, after breaking trackline to circle and photograph the whales, we estimated a minimum of 49 bowheads, bringing the total number of bowheads from 40 to 49 animals.

Time	EFFORT	LAT	LONG	SPECIES	GROUP SIZE	CUE	CALVES	GROUP STATUS	FEEDING	BEHAVIOR
15:27:29	ON EFFORT - TRACKLINE	71.466	-156.439	Unid Object	1					
15:57:38	ON EFFORT - TRACKLINE	71.403	-156.276	Bowhead Whale	6 (15*)	Body	0	Adult	Yes-Mud	
16:10:29	ON EFFORT - TRACKLINE	71.353	-156.099	Unid Seal	1	Body				
16:12:01	ON EFFORT - TRACKLINE	71.395	-156.038	Bowhead Whale	2	Body	0	Adult	No	Travel
16:21:56	ON EFFORT - TRACKLINE	71.647	-155.690	Bowhead Whale	2	Splash	0	Adult	No	Travel
16:48:04	ON EFFORT - TRACKLINE	71.284	-155.701	Bowhead Whale	3	Body	0	Adult	Unknown	Resting
17:08:39	ON EFFORT - TRACKLINE	71.488	-155.170	Bowhead Whale	1	Body	0	Adult	No	Travel
17:10:20	ON EFFORT - TRACKLINE	71.444	-155.233	Bowhead Whale	1	Body	0	Adult	Yes-Open Mouth	Travel
17:11:38	ON EFFORT - TRACKLINE	71.410	-155.281	Bowhead Whale	1	Body	0	Adult	No	Travel
17:30:07	ON EFFORT - DEADHEAD	71.213	-155.464	Polar Bear	1	Body				
17:46:23	ON EFFORT - DEADHEAD	71.165	-155.117	Polar Bear	1	Body				
17:55:21	ON EFFORT - TRACKLINE	71.316	-154.672	Bowhead Whale	1	Splash	0	Adult	Unknown	Travel
18:25:57	ON EFFORT - TRACKLINE	71.366	-154.351	Bowhead Whale	4	Body	0	Adult	Probable	Travel
18:48:41	ON EFFORT - TRACKLINE	71.294	-154.206	Bowhead Whale	3	Body	0	Adult	Unknown	Travel
18:50:17	ON EFFORT - TRACKLINE	71.335	-154.145	Bowhead Whale	14	Body	0	Adult	Unknown	Travel
18:56:47	ON EFFORT - DEADHEAD	71.317	-153.968	Bowhead Whale	1	Body	0	Adult	Unknown	Travel
19:01:57	ON EFFORT - TRACKLINE	71.172	-154.134	Bowhead Whale	1	Body	0	Adult	Yes-Mud	Travel

15 SEPTEMBER 2010 BOWFEST SURVEY - FLIGHT 7

