

BOWFEST Flight 8&9 - September 12 2011

Flight 8

TAKE-OFF TIME: **10:14:39**
TOUCH-DOWN TIME: **15:49:01**
TOTAL FLIGHT TIME: **5.57 hours**
SEARCH SCHEME: **2**

Flight 9

TAKE-OFF TIME: **17:37:32**
TOUCH-DOWN TIME: **20:18:13**
TOTAL FLIGHT TIME: **2.68 hours**
SEARCH SCHEME: **2**

Weather and Visibility: The forecast for the day included clear skies and winds 10-15 kts. We departed on the first flight of the day around 10:15 and were able to complete most of the inner tracklines of Scheme 2 before returning to Barrow to refuel. On the second flight of the day, we were able to complete four tracklines in the outer study area of Scheme 2, including one that we extended into the eastern area of the small survey box that we hadn't been able to reach before. Viewing conditions were excellent to fair (due to glare) with sea states ranging from Beaufort 1-3. All bowhead groups observed were near the outer boundary of our small survey box in relatively deep water.

EFFORT SUMMARY	DISTANCE (KM)	TIME (MINS)
On Effort - Trackline	903.87	286.40
On Effort - Deadhead	267.75	86.73
On Effort - Photo Mode	135.13	44.58
On Effort - Circling	57.95	18.89
Off Effort	243.50	58.00
Total Search Time	1364.7	437.00

SIGHTING SUMMARY	# SIGHTINGS	# ANIMALS
Bowhead Whale	3	3(7*)
Gray Whale	9	10
Beluga Whale	17	249
Unid Lg Cetacean	4	7
Bearded Seal	4	5
Unid Seal	29	74
Totals	66	348(352*)

* There were 3 individual sightings (3 groups) of bowhead whales sighted for a total of 3 animals. However, after breaking trackline to circle and photograph the whales, our best estimate was 7 individuals, bringing the total number of bowheads from 3 to 7 animals.

TIME	EFFORT	LAT	LONG	SPECIES	GROUP SIZE	CUE	CALVES	GROUP STATUS	FEEDING	BEHAVIOR
10:19:12	ON Effort - DEADHEAD	71.383	- 156.822	Unid Seal	2	Body				Milling
10:20:40	ON Effort - DEADHEAD	71.422	- 156.907	Unid Seal	1	Body				Resting
10:38:16	ON Effort - TRACKLINE	71.709	- 156.415	Unid Seal	3	Body				Resting
10:47:24	ON Effort - TRACKLINE	71.464	- 156.749	Bearded Seal	1	Body				Milling
10:47:52	ON Effort - TRACKLINE	71.452	- 156.765	Unid Seal	1	Body				Resting
10:48:33	ON Effort - TRACKLINE	71.434	- 156.789	Unid Seal	1	Body				Resting
10:50:04	ON Effort - TRACKLINE	71.395	- 156.841	Unid Seal	1	Body				Resting
10:52:19	ON Effort - TRACKLINE	71.338	- 156.916	Unid Lg Cetacean	2	Blow	0	Adult		Travel
10:53:12	ON Effort - TRACKLINE	71.316	- 156.946	Gray Whale	1	Blow		Adult	Unknown	Travel
10:53:28	ON Effort - TRACKLINE	71.309	- 156.954	Gray Whale	1	Body		Adult	Unknown	Travel
10:53:39	ON Effort - TRACKLINE	71.304	- 156.960	Gray Whale	1	Blow			Unknown	Travel
10:54:24	ON Effort - TRACKLINE	71.285	- 156.984	Gray Whale	1	Blow		Adult	Unknown	Travel
10:59:33	ON Effort - CIRCLING	71.320	- 156.932	Bearded Seal	2	Body				
11:07:56	ON Effort - TRACKLINE	71.407	- 156.580	Gray Whale	1	Body		Adult	Unknown	Travel
11:12:44	ON Effort - TRACKLINE	71.537	- 156.403	Unid Seal	2	Body				Milling
11:13:12	ON Effort - TRACKLINE	71.550	- 156.387	Unid Seal	1	Body				Resting
11:23:37	ON Effort - DEADHEAD	71.754	- 155.865	Bowhead Whale	1	Blow	1	Cow/Calf	Unknown	Diving
11:51:12	ON Effort - PHOTO	71.762	- 155.737	Unid Lg Cetacean	1	Body			Unknown	Diving
11:55:59	ON Effort - PHOTO	71.748	- 155.902	Unid Seal	4	Body				Rolling
12:01:03	ON Effort - TRACKLINE	71.704	- 155.937	Unid Seal	2	Body				Resting
12:02:56	ON Effort - TRACKLINE	71.655	- 155.989	Unid Seal	1	Body				Resting
12:04:16	ON Effort - TRACKLINE	71.621	- 156.037	Unid Seal	1	Body				Resting
12:06:40	ON Effort - TRACKLINE	71.561	- 156.121	Vessel	1					Travel
12:07:44	ON Effort - TRACKLINE	71.535	- 156.157	Unid Seal	1	Splash				Milling

12:08:40	ON Effort - TRACKLINE	71.512	- 156.189	Unid Lg Cetacean	1	Blow				
12:09:57	ON Effort - TRACKLINE	71.480	- 156.233	Unid Lg Cetacean	3	Blow			Unknown	
12:24:23	ON Effort - TRACKLINE	71.550	- 155.890	Unid Seal	1	Body				Resting
12:27:49	ON Effort - TRACKLINE	71.644	- 155.759	Beluga Whale	1	Body				Milling
12:28:01	ON Effort - TRACKLINE	71.649	- 155.751	Unid Seal	1	Splash				Resting
12:28:12	ON Effort - TRACKLINE	71.654	- 155.745	Beluga Whale	5	Body				Milling
12:30:32	ON Effort - TRACKLINE	71.718	- 155.655	Bowhead Whale	1	Blow	0	Adult	No	Milling
12:38:17	ON Effort - PHOTO	71.718	- 155.618	Beluga Whale	1	Body				Travel
12:41:20	ON Effort - DEADHEAD	71.733	- 155.561	Unid Seal	9	Body				Milling
12:42:29	ON Effort - DEADHEAD	71.747	- 155.460	Beluga Whale	1	Body				Milling
12:45:27	ON Effort - TRACKLINE	71.712	- 155.410	Beluga Whale	185	Body				Travel
12:52:00	ON Effort - TRACKLINE	71.555	- 155.634	Gray Whale	1	Blow			Unknown	Diving
13:04:48	ON Effort - DEADHEAD	71.239	- 155.918	Vessel	1					Travel
13:13:47	ON Effort - TRACKLINE	71.420	- 155.575	Vessel	1					Travel
13:19:43	ON Effort - TRACKLINE	71.583	- 155.352	Gray Whale	2	Blow			Yes-Mud	Diving
13:34:40	ON Effort - TRACKLINE	71.635	- 155.019	Gray Whale	1	Body			Unknown	Diving
13:56:28	ON Effort - TRACKLINE	71.247	- 155.327	Unid Seal	10	Splash				Milling
13:59:40	ON Effort - TRACKLINE	71.337	- 155.201	Vessel	1					Travel
14:18:00	ON Effort - TRACKLINE	71.718	- 154.405	Gray Whale	1	Body				Resting
14:18:59	ON Effort - TRACKLINE	71.693	- 154.434	Unid Seal	1	Body				Milling
14:34:56	ON Effort - TRACKLINE	71.284	- 155.029	Vessel	1					Travel
14:35:59	ON Effort - TRACKLINE	71.257	- 155.068	Vessel	1					Travel
15:02:12	ON Effort - TRACKLINE	71.708	- 154.162	Unid Seal	1	Body				Milling
17:51:07	ON Effort - DEADHEAD	71.732	- 156.136	Unid Seal	8	Body				Milling
17:58:39	ON Effort - TRACKLINE	71.928	- 155.853	Unid Seal	3	Body				Diving
18:18:28	ON Effort - TRACKLINE	71.871	- 154.921	Beluga Whale	1	Body				Milling

18:19:03	ON Effort - TRACKLINE	71.856	- 154.944	Beluga Whale	1	Body				Milling
18:19:56	ON Effort - TRACKLINE	71.833	- 154.979	Unid Seal	2	Body				Resting
18:20:33	ON Effort - TRACKLINE	71.817	- 155.003	Beluga Whale	2	Body				Travel
18:21:03	ON Effort - TRACKLINE	71.804	- 155.022	Beluga Whale	14	Body				Milling
18:21:55	ON Effort - TRACKLINE	71.782	- 155.056	Unid Seal	1	Body				Milling
18:22:13	ON Effort - TRACKLINE	71.774	- 155.068	Beluga Whale	2	Body	1	Cow/Calf		Milling
18:22:31	ON Effort - TRACKLINE	71.766	- 155.079	Beluga Whale	9	Body	2	Cow/Calf		Travel
18:23:59	ON Effort - TRACKLINE	71.729	- 155.137	Beluga Whale	20	Body				Milling
18:37:12	ON Effort - TRACKLINE	71.774	- 154.066	Unid Seal	1	Body				Milling
18:38:03	ON Effort - TRACKLINE	71.795	- 154.030	Unid Seal	1	Body				Milling
18:38:28	ON Effort - TRACKLINE	71.806	- 154.013	Beluga Whale	2	Body				Milling
18:39:13	ON Effort - TRACKLINE	71.826	- 153.982	Unid Seal	2	Body				Milling
18:40:08	ON Effort - TRACKLINE	71.849	- 153.946	Unid Seal	10	Body				Milling
18:40:29	ON Effort - TRACKLINE	71.858	- 153.931	Beluga Whale	1	Body				Milling
18:41:20	ON Effort - TRACKLINE	71.879	- 153.897	Bowhead Whale	1	Body	0	Adult	No	Travel
18:46:07	ON Effort - PHOTO	71.865	- 153.888	Beluga Whale	1	Body				Travel
18:51:00	ON Effort - TRACKLINE	71.913	- 153.842	Unid Seal	1	Body				Resting
18:58:20	ON Effort - DEADHEAD	72.030	- 153.377	Beluga Whale	1	Body				Milling
19:16:09	ON Effort - TRACKLINE	71.820	- 152.964	Beluga Whale	2	Body				Milling
19:48:56	ON Effort - TRACKLINE	70.965	- 154.261	Unid Seal	1	Body				Travel

