

BOWFEST Flight 10 & 11 - September 13 2011

Flight 10

TAKE-OFF TIME: 11:12:04

TOUCH-DOWN TIME: 15:28:19

TOTAL FLIGHT TIME: 4.27 hours

SEARCH SCHEME: 3

Flight 11

TAKE-OFF TIME: 16:55:58

TOUCH-DOWN TIME: 20:36:44

TOTAL FLIGHT TIME: 3.68 hours

SEARCH SCHEME: 3

Weather and Visibility: The forecast for the day included clear skies and 10-15 kt winds. We departed on the first flight of the day around 11:00 and were able to complete half of the inner tracklines of Scheme 3 before returning to Barrow to refuel. We began the second flight of the day in the eastern-most portion of our study area and worked west. This allowed us to survey an area that we have been unable to reach thus far in our typical survey mode flying west to east. Viewing conditions were excellent to fair (due to glare) with sea states ranging from Beaufort 1-3. We saw a total of 3 bowhead cow/calf pairs.

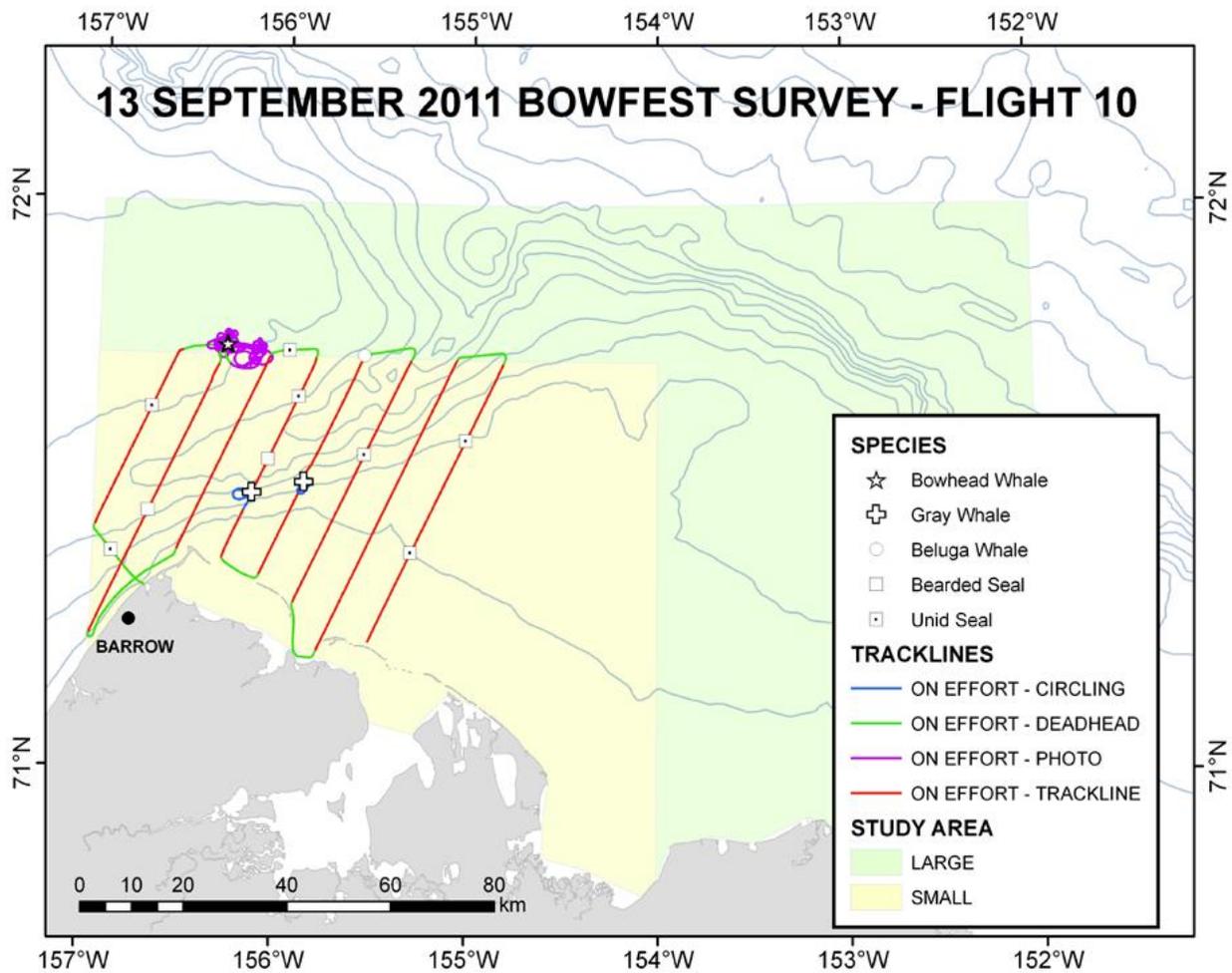
EFFORT SUMMARY	DISTANCE (KM)	TIME (MINS)
On Effort - Trackline	664.50	214.24
On Effort - Deadhead	165.01	51.97
On Effort - Photo Mode	303.74	100.65
On Effort - Circling	29.97	9.67
Off Effort	402.78	100.53
Total Search Time	1163.22	376.00

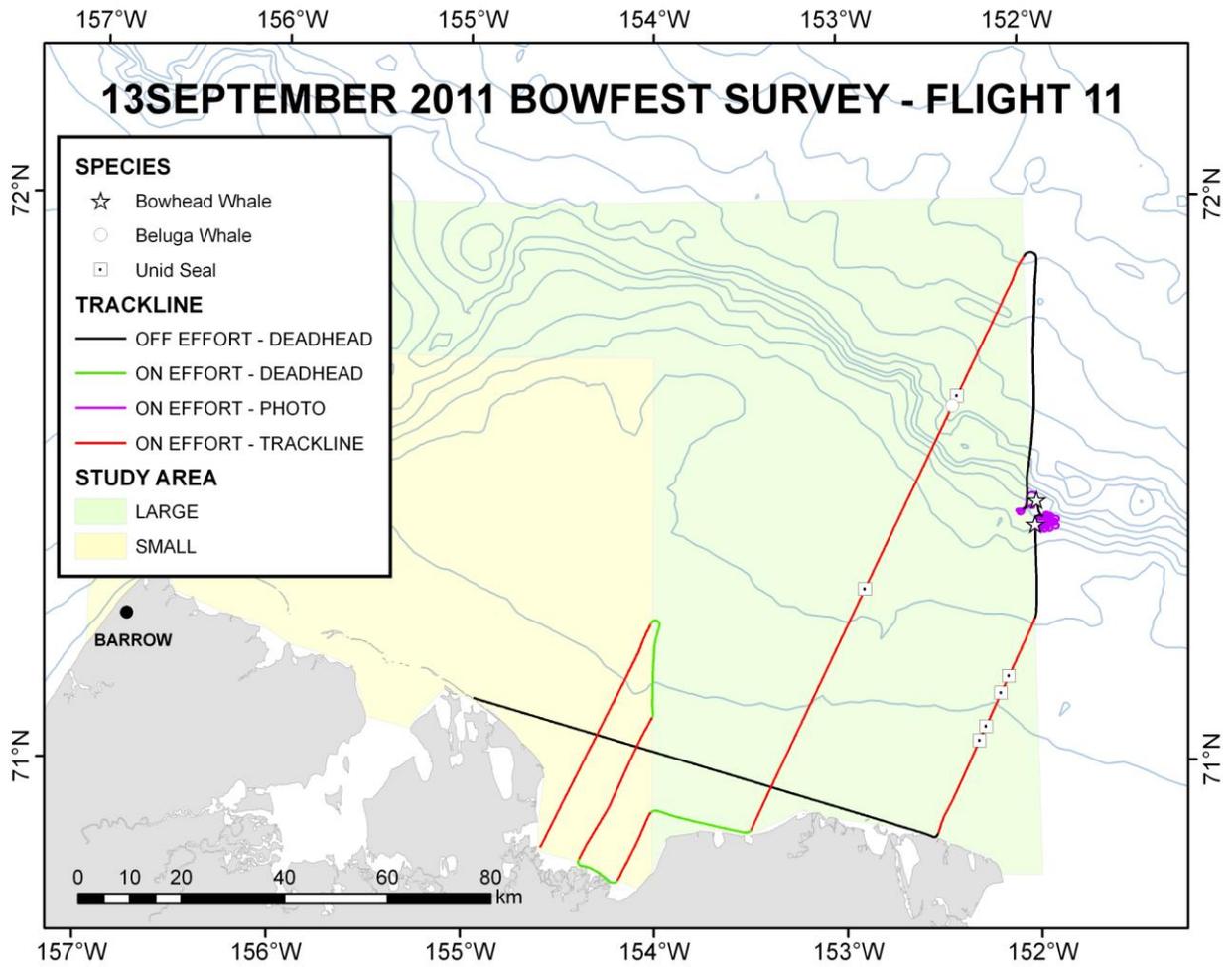
SIGHTING SUMMARY	# SIGHTINGS	# ANIMALS
Bowhead Whale	3	7(30*)
Gray Whale	2	4
Beluga Whale	2	40
Bearded Seal	2	2
Unid Seal	13	31
Totals	22	84(107*)

* There were 3 individual sightings (3 groups) of bowhead whales sighted for a total of 7 animals. However, after breaking trackline to circle and photograph the whales, our best estimate was 30 individuals, bringing the total number of bowheads from 7 to 30 animals.

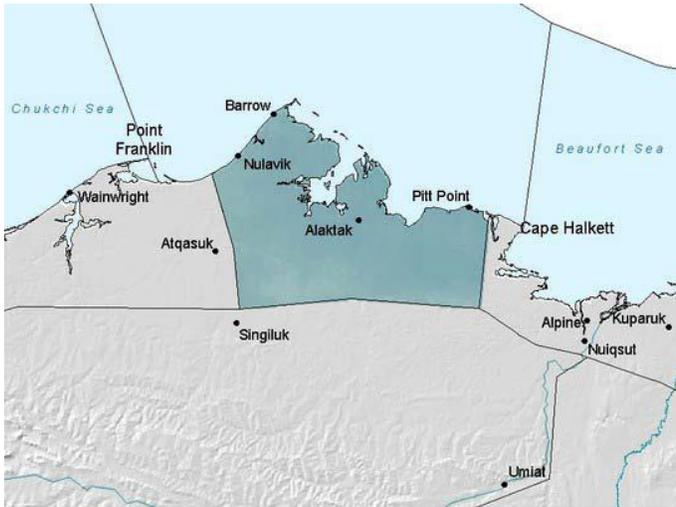
TIME	EFFORT	LAT	LONG	SPECIES	GROUP SIZE	CUE	CALVES	GROUP STATUS	FEEDING	BEHAVIOR
11:16:08	ON Effort – DEADHEAD	71.381	-156.889	Unid Seal	1	Body				Milling
11:26:19	ON Effort – TRACKLINE	71.636	-156.701	Unid Seal	1	Body				Diving
11:33:17	ON Effort – DEADHEAD	71.751	-156.31	Bowhead Whale	1	Body	1	Cow/Calf	Yes-Open Mouth	Travel
11:33:21	ON Effort – DEADHEAD	71.751	-156.304	Bowhead Whale	1	Body	0	Adult	Unknown	Travel
12:00:43	ON Effort – PHOTO	71.743	-156.282	Vessel	1					Travel
12:12:37	ON Effort – PHOTO	71.737	-156.084	Vessel	1					
12:50:43	ON Effort – TRACKLINE	71.453	-156.703	Bearded Seal	1	Body				Milling
13:20:12	ON Effort – TRACKLINE	71.705	-156.113	Vessel	1					
13:22:36	ON Effort – DEADHEAD	71.742	-155.973	Unid Seal	2	Body				Resting
13:27:16	ON Effort – TRACKLINE	71.661	-155.919	Unid Seal	2	Body				Resting
13:31:32	ON Effort – TRACKLINE	71.55	-156.073	Bearded Seal	1	Body				Resting
13:33:51	ON Effort – TRACKLINE	71.49	-156.156	Gray Whale	3	Blow	0	Adult	Yes-Mud	Milling
13:49:04	ON Effort – TRACKLINE	71.426	-156	Vessel	1					Travel
13:52:25	ON Effort – TRACKLINE	71.511	-155.882	Gray Whale	1	Body		Adult	Unknown	Milling
14:04:03	ON Effort – DEADHEAD	71.736	-155.571	Beluga Whale	30	Body	1	Cow/Calf		Travel
14:14:29	ON Effort – TRACKLINE	71.561	-155.562	Unid Seal	1	Body				Resting
14:59:44	ON Effort – TRACKLINE	71.589	-155.023	Unid Seal	5	Body				Milling
15:07:40	ON Effort – TRACKLINE	71.39	-155.308	Unid Seal	1	Body				Resting
17:43:51	ON Effort – TRACKLINE	71.046	-152.298	Unid Seal	3	Body				Resting
17:44:54	ON Effort – TRACKLINE	71.07	-152.263	Unid Seal	2	Body				Milling
17:47:19	ON Effort – TRACKLINE	71.129	-152.179	Unid Seal	1	Body				Milling
17:48:27	ON Effort – TRACKLINE	71.158	-152.136	Unid Seal	2	Body				Diving
17:56:49	OFF Effort – DEADHEAD	71.425	-151.974	Bowhead Whale	3	Blow	1	Cow/Calf	Yes-Feces	Milling

18:31:21	OFF Effort – DEADHEAD	71.468	-151.964	Bowhead Whale	2	Blow	1	Cow/Calf	Unknown	Milling
18:59:16	ON Effort – TRACKLINE	71.656	-152.374	Unid Seal	9	Body				Milling
18:59:56	ON Effort – TRACKLINE	71.639	-152.4	Beluga Whale	10	Body				Milling
19:12:34	ON Effort – TRACKLINE	71.318	-152.885	Unid Seal	1	Body				Milling
19:39:54	ON Effort – DEADHEAD	70.804	-154.199	Vessel	1					





Barrow Weather Forecast:



PKZ235-140100-POINT FRANKLIN TO CAPE HALKETT-

153 AM AKDT TUE SEP 13 2011

TODAY...SE WINDS 15 KT. SEAS 4 FT.

TONIGHT...E WINDS 15 KT. SEAS 3 FT. FOG.

Today...Partly cloudy. Patchy fog. Highs 45 to 50. East winds increasing to around 15 mph. Tonight...Mostly cloudy. Patchy fog. Lows 35 to 40. East winds around 15 mph.

Conditions at

2011.09.13 1453 UTC

Sep 13, 2011 - 10:53 AM EDT

Wind	from the E (090 degrees) at 8 MPH (7 KT)
Visibility	10 mile(s)
Sky conditions	mostly clear
Temperature	37.0 F (2.8 C)
Dew Point	36.0 F (2.2 C)
Relative Humidity	95%
Pressure (altimeter)	29.79 in. Hg (1008 hPa)
ob	PABR 131453Z 09007KT 10SM FEW110 03/02 A2979 RMK AO2 SLP090 T00280022

(PABR) 71-17N 156-46W 10M