

BOWFEST – Flight 2 – September 02 2011

TAKE-OFF TIME: 14:08:49

TOUCH-DOWN TIME: 17:18:28

TOTAL FLIGHT TIME: 3.2 Hours

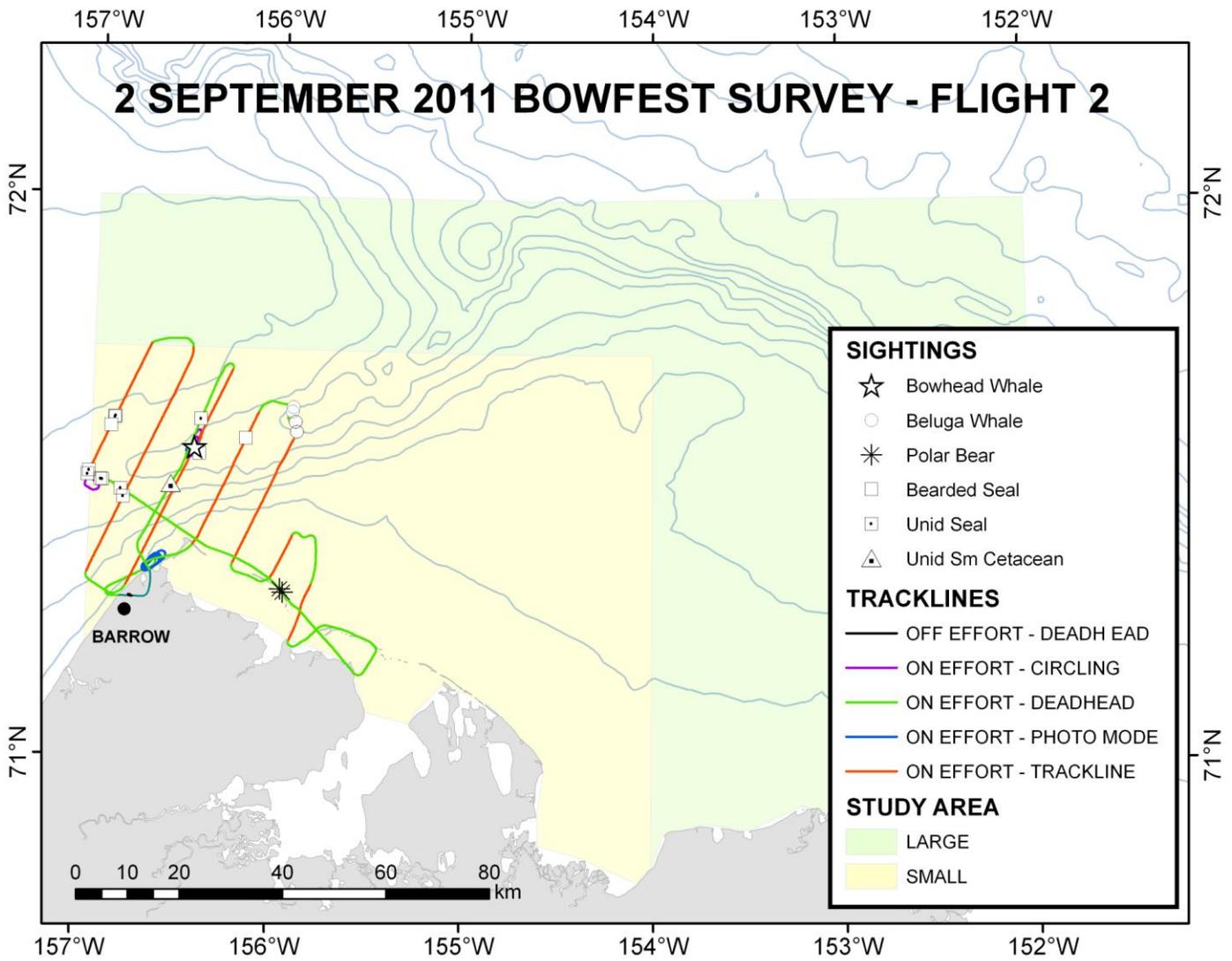
SEARCH SCHEME: 1

Weather and Visibility: The trending forecast for the day included ceilings of 1000 ft. by mid-afternoon. We departed around 14:00 and were able to complete photographing the calibration target on the old runway near NARL at altitudes ranging from 500' to 1200'. After completing several calibration passes, we began Scheme 1 tracklines north of Point Barrow. Fog and low clouds prevented us from completing another trackline to the east and precluded surveying farther north. We headed west, surveying the barrier islands until picking up the westernmost lines in the inner study area. Despite encounters with fog and low clouds to the north and east, viewing conditions were excellent to fair with sea states ranging from Beaufort 2-4. We observed the first bowhead whale of the season, a large, well-marked adult heading west in the Barrow Canyon. Photographic passes were attempted and, unfortunately, after review of the images the whale was too far below the surface, and glare and sea states obscured any identifiable marks.

EFFORT SUMMARY	DISTANCE (KM)	TIME (MINS)
On Effort - Trackline	205.07	66
On Effort - Deadhead	220.14	59
On Effort - Photo Mode	154.11	52
On Effort - Circling	29.89	10
Off Effort	11.96	9
Total Search Time	609.21	186

SIGHTING SUMMARY	# SIGHTINGS	# ANIMALS
Bowhead Whale	1	1
Beluga Whale	6	11
Polar Bear	2	2
Bearded Seal	2	2
Unid Seal	10	25
Unid Sm Cetacean	1	1
Totals	22	42

TIME	EFFORT	LAT	LONG	SPECIES	GROUP SIZE	CUE	CALVES	GROUP STATUS	FEEDING	BEHAVIOR
15:09:11	ON Effort - TRACKLINE	71.572	- 156.170	Bearded Seal	1	Body	0			Travel
15:13:08	ON Effort - DEADHEAD	71.629	- 155.921	Beluga Whale	6	Body	0			Resting
15:13:25	ON Effort - DEADHEAD	71.621	- 155.924	Beluga Whale	1	Body	0			Travel
15:14:20	ON Effort - DEADHEAD	71.603	- 155.908	Beluga Whale	1	Body	0			Resting
15:14:21	ON Effort - DEADHEAD	71.603	- 155.907	Beluga Whale	1	Body	0			Travel
15:14:58	ON Effort - TRACKLINE	71.586	- 155.898	Beluga Whale	1	Body	0			Resting
15:15:01	ON Effort - TRACKLINE	71.585	- 155.900	Beluga Whale	1	Body	0			Travel
15:49:53	ON Effort - DEADHEAD	71.300	- 155.954	Polar Bear	1	Body				Travel
15:50:06	ON Effort - DEADHEAD	71.306	- 155.969	Polar Bear	1	Body				Resting
15:59:26	ON Effort - DEADHEAD	71.475	- 156.827	Unid Seal	1	Body				Travel
16:00:33	ON Effort - DEADHEAD	71.490	- 156.927	Unid Seal	2	Body				
16:00:38	ON Effort - DEADHEAD	71.490	- 156.934	Unid Seal	1	Body				
16:05:01	ON Effort - CIRCLING	71.498	- 157.006	Unid Seal	1	Body				Resting
16:05:17	ON Effort - CIRCLING	71.505	- 156.999	Unid Seal	1	Body				Diving
16:08:31	ON Effort - TRACKLINE	71.587	- 156.891	Bearded Seal	1					Diving
16:09:03	ON Effort - TRACKLINE	71.601	- 156.872	Unid Seal	2	Body				Resting
16:09:09	ON Effort - TRACKLINE	71.604	- 156.869	Unid Seal	1	Body				Travel
16:27:19	ON Effort - TRACKLINE	71.461	- 156.813	Unid Seal	1	Body				
16:45:22	ON Effort - TRACKLINE	71.554	- 156.444	Bowhead Whale	1	Body	0	Adult	Unknown	Travel
16:54:04	ON Effort - PHOTO	71.542	- 156.416	Unid Seal	10	Body				Travel
17:07:16	ON Effort - DEADHEAD	71.604	- 156.412	Unid Seal	5	Body				Resting
17:10:37	ON Effort - DEADHEAD	71.486	- 156.563	Unid Sm Cetacean	1	Body				Travel



Barrow Sea Ice Camera (07:04, 09:04, and 12:24, continued clearing allowed survey flight #2):



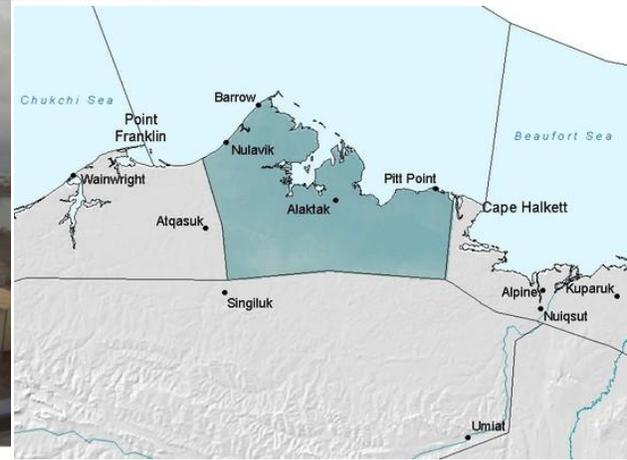
Barrow Sea Ice Cam 2011-09-02 07:04:55



Barrow Sea Ice Cam 2011-09-02 09:04:55



Barrow Sea Ice Cam 2011-09-02 12:24:55



Barrow Weather Forecast:

PKZ235-030145-POINT FRANKLIN TO CAPE HALKETT-239 AM AKDT FRI SEP 2 2011

.TODAY...W WINDS 15 KT. SEAS 3 FT.

.TONIGHT...SW WINDS 10 KT. SEAS 2 FT.

AKZ202-030245-NORTHERN ARCTIC COAST-INCLUDING...BARROW...ALAKTAK...PITT POINT...NULAVIK 338 AM AKDT FRI SEP 2 2011

...DENSE FOG THROUGH THIS MORNING...

.TODAY...AREAS OF DENSE FOG IN THE MORNING WITH VISIBILITY NEAR ZERO AT TIMES...OTHERWISE CLOUDY WITH ISOLATED RAIN SHOWERS. HIGHS 45 TO 50. SOUTHWEST WINDS AROUND 10 MPH.

.TONIGHT...MOSTLY CLOUDY. SCATTERED SHOWERS. AREAS OF FOG. LOWS 35 TO 40. SOUTH WINDS AROUND 10 MPH.