

ASAMM-Beaufort – Flight 22 – 30 August 2013

Area flown: Transects 1, 3, 5 and 7, complete; block 12, 3 complete and 1 partial transect.

Total hours flown: 8.3 (2 flights)

Total transect hours: 3.9

Number of bowheads seen: 26 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 1-7. Visibility ranged from 3 km to unlimited, with glare and occasional low ceilings. Sea ice ranged from 0-25% broken floe in the area surveyed. High sea states precluded additional survey effort.

Sightings: Bowhead whales, gray whales (including one calf/yearling), belugas, unidentified cetaceans, walrus, one bearded seal, one ringed seal, unidentified pinnipeds, and small unidentified pinnipeds. One small unidentified cetacean carcass in an advanced state of decomposition was observed approximately 20 km north of Barrow. Most of the walrus were observed in the northernmost part of blocks 14 and 15, hauled out on ice in groups ranging in size from 10 to 700 individuals.

Preliminary Summary, Flight 22 Date: 8/30/2013

Total bowhead whales: 26	Start time: 8/30/2013 11:29:02 AM	End time: 8/30/2013 8:43:31 PM
Bowhead whale sightings: 12	Transect minutes: 231	Transect km: 864.2
Bowhead whales on transect: 22	Circling minutes: 83	Circling km: 258.9
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 314	Trans+Circ km: 1123.1
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 31	Search km: 125.3
Bowhead whale repeats: 0	Total minutes: 500	Total km: 2145.7
Possible repeats: 0	Deadhead minutes: 155	Deadhead km: 897.3
Total gray whales: 12	Search blocks: 15, 0, 14, 13, 12	
Total belugas: 2	Transect blocks: 13, 14, 15, 0, 12	
Other whale sightings: 3		
Total walrus: 4870		
Total polar bears: 0		

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
407	72	-161.84	14	bowhead whale	1	0	swim	331	False
444	71.78	-160.77	14	beluga	1	0	swim	284	True
547	71.05	-158.28	13	gray whale	1	0	feed	-1	True
562	71.02	-158.18	13	gray whale	3	1	feed	-1	True
581	70.93	-157.89	13	gray whale	4	0	swim	102	True
631	71.26	-157.42	13	gray whale	1	0	rest	-1	True
633	71.26	-157.44	13	gray whale	1	0	feed	-1	True
713	71.76	-159.09	13	bowhead whale	1	0	swim	73	True
845	71.28	-156.95	12	gray whale	2	0	feed	-1	True
855	71.38	-156.93	12	small unid cetacean	1	0	dead	-1	True
962	71.64	-155.87	12	bowhead whale	2	0	mill	-1	True
963	71.63	-155.87	12	bowhead whale	1	0	mill	-1	True
964	71.63	-155.87	12	bowhead whale	2	0	mill	-1	True
966	71.62	-155.87	12	bowhead whale	2	0	mill	-1	True
967	71.62	-155.87	12	bowhead whale	9	0	mill	-1	True
968	71.61	-155.87	12	bowhead whale	2	0	mill	-1	True
1020	71.62	-155.8	12	beluga	1	0	swim	-1	False
1026	71.64	-155.85	12	bowhead whale	1	0	mill	-1	False
1090	71.59	-155.33	12	bowhead whale	1	0	mill	-1	True
1099	71.74	-155.27	12	bowhead whale	2	0	unknown	-1	True
1106	71.73	-155.43	12	bowhead whale	2	0	rest	-1	False
1134	71.75	-155.27	12	unid cetacean	2	0	unknown	-1	False

