

## ASAMM-Chukchi – Flight 230 – 31 August 2015

Area flown: ASAMM transect 7, complete; Arctic ACEs transects 227, 229, 231, 233, 235, 237, 239, 243, 245, 247, 249, complete; ACEs transect 241, partial.

Total hours flown: 5.0

Total transect hours: 3.0

Number of bowhead whales seen: 12 (no calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2 to 4. Visibility ranged from 0 km to unlimited, with glare, precipitation, and low ceilings. There was no sea ice in the area surveyed.

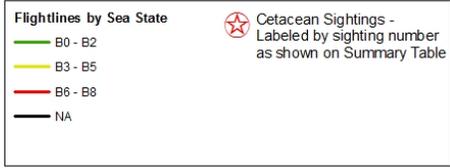
Sightings: Bowhead whales, one gray whale, unidentified cetaceans, walruses, unidentified pinnipeds, and small unidentified pinnipeds. There were more unidentified cetaceans than normal because the survey aircraft does not break off transect to circle sightings on the ACEs transects.

### Preliminary Summary, Flight 230 Date: 8/31/2015

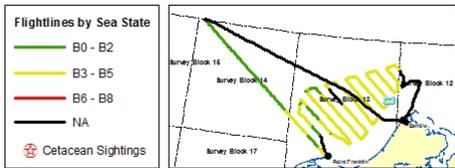
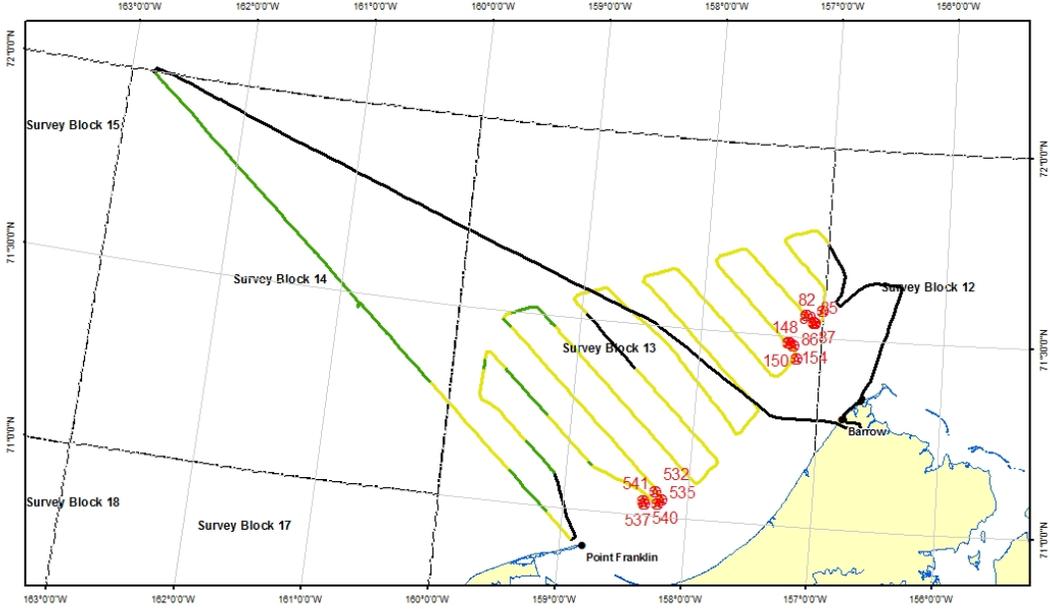
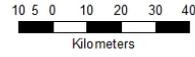
Total bowhead whales: 12	Start time: 8/31/2015 2:47:23 PM	End time: 8/31/2015 7:46:56 PM
Bowhead whale sightings: 8	Transect minutes: 178	Transect km:662.2
Bowhead whales on transect: 3	Circling minutes: 1	Circling km: 3.7
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 179	Trans+Circ km: 665.9
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 44	Search km: 148.9
Bowhead whale repeats: 0	Total minutes: 299	Total km: 1193.4
Possible repeats: 0	Deadhead minutes: 76	Deadhead km: 378.6
Total gray whales: 1	Search blocks: 13, 14	
Total belugas: 0	Transect blocks: 13, 14	
Other whale sightings: 5		
Walruses: Yes		
Total polar bears: 0		

### Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
80	71.57	-157.01	13	bowhead whale	1	0	rest	-1	False
82	71.55	-157.01	13	bowhead whale	2	0	swim	-1	False
85	71.54	-157.07	13	bowhead whale	3	0	swim	-1	False
86	71.54	-157.07	13	unid cetacean	1	0	rest	-1	False
87	71.54	-157.08	13	bowhead whale	1	0	rest	-1	False
147	71.48	-157.28	13	bowhead whale	1	0	swim	314	True
148	71.48	-157.28	13	bowhead whale	1	0	swim	45	True
150	71.47	-157.25	13	bowhead whale	1	0	rest	-1	True
154	71.45	-157.23	13	bowhead whale	2	0	rest	-1	False
532	71.07	-158.25	13	gray whale	1	0	feed	-1	True
535	71.05	-158.21	13	unid cetacean	1	0	swim	-1	False
537	71.04	-158.24	13	unid cetacean	1	0	unknown	-1	False
540	71.05	-158.3	13	unid cetacean	1	0	unknown	-1	False
541	71.05	-158.32	13	unid cetacean	1	0	unknown	-1	False



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Aerial Surveys of Arctic Marine Mammals Program  
Flight 230, 8/31/2015 2:42:22 PM



NOAA\FSC\NMML-BOEM  
Aerial Surveys of Arctic Marine Mammals Program  
Flight 230, High Density Cluster 1, 8/31/2015 2:42:22 PM

