

## ASAMM-Chukchi – Flight 235 – 11 September 2013

Area flown: Transects 8 and 10, partial; transect 6, complete; coastal transect from Pt. Barrow to Wainwright.

Total hours flown: 4.9

Total transect hours: 2.9

Number of bowheads seen: 4 (1 calf/yearling - dead)

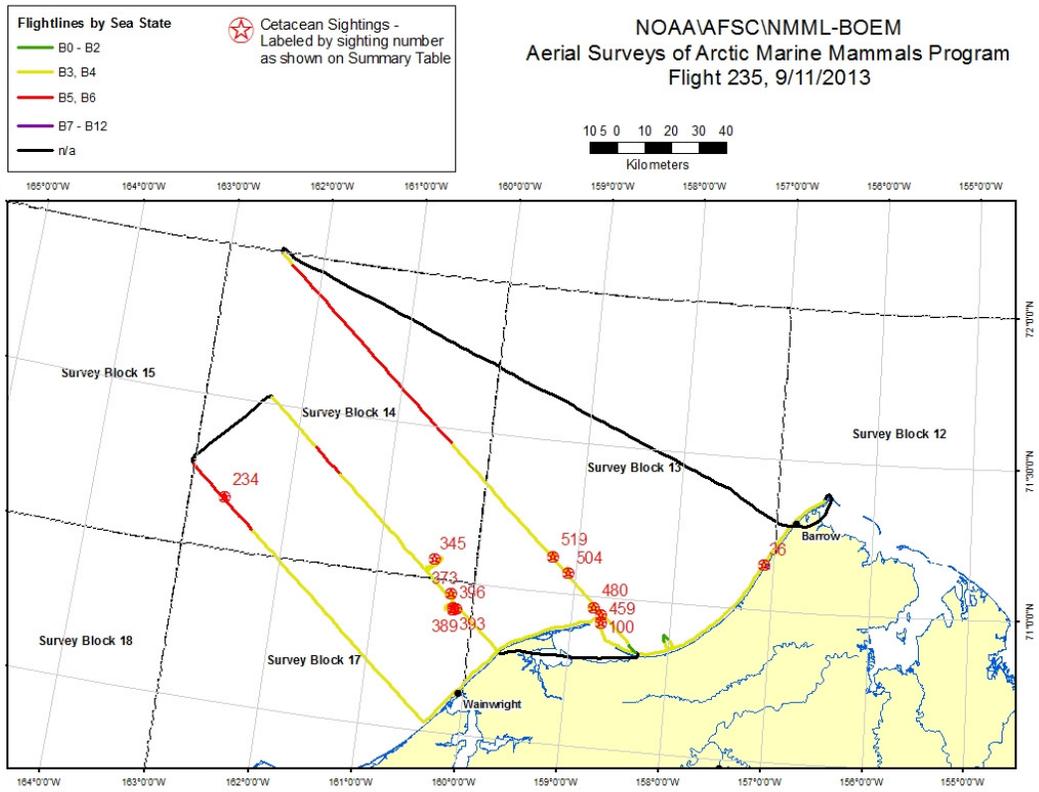
Weather and visibility: Skies were partly cloudy to overcast. Visibility ranged from 2 to 10 km, with glare, fog, and haze. Survey effort was truncated on transects 8 and 10 due to fog. Sea states ranged from Beaufort 2 to 5. In the vicinity of Hanna Shoal, 1% broken floe sea ice was observed; no sea ice was observed in the rest of the area surveyed.

Sightings: Bowhead whales (including one calf/yearling carcass), gray whales (including one calf), unidentified cetaceans, one polar bear, and one unidentified pinniped. The polar bear was observed swimming a few kilometers from the beach in the area between Barrow and Peard Bay.

### Preliminary Summary, Flight 235 Date: 9/11/2013

Total bowhead whales: 4	Start time: 9/11/2013 9:47:31 AM	End time: 9/11/2013 2:43:22 PM
Bowhead whale sightings: 4	Transect minutes: 173	Transect km:631.4
Bowhead whales on transect: 4	Circling minutes: 54	Circling km: 155.1
Bowhead whale cow-calf pairs: 1	Trans+Circ minutes: 227	Trans+Circ km: 786.5
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 0	Search km: 2.2
Bowhead whale repeats: 0	Total minutes: 296	Total km: 1120.9
Possible repeats: 0	Deadhead minutes: 69	Deadhead km: 332.2
Total gray whales: 13	Search blocks: 17, 15, 13, 14	
Total belugas: 0	Transect blocks: 12, 13, 17, 14, 15	
Other whale sightings: 3		
Total walrus: 0		
Total polar bears: 1		

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
36	71.15	-157.1	13	gray whale	1	0	feed	-1	True
100	70.91	-158.72	13	unid cetacean	1	0	swim	-1	True
234	71.17	-162.65	14	bowhead whale	1	1	dead	-1	True
345	71.03	-160.53	14	gray whale	9	1	feed	-1	True
373	70.95	-160.25	17	gray whale	1	0	feed	-1	True
389	70.92	-160.14	17	bowhead whale	1	0	swim	-1	True
393	70.91	-160.19	17	gray whale	1	0	swim	-1	False
396	70.92	-160.19	17	gray whale	1	0	feed	-1	False
459	70.95	-158.69	13	unid cetacean	1	0	swim	-1	True
480	70.97	-158.76	13	unid cetacean	1	0	swim	224	True
504	71.06	-159.08	13	bowhead whale	1	0	rest	-1	True
519	71.12	-159.25	13	bowhead whale	1	0	swim	310	True



**Bowhead calf carcass sighted approximately 115 km northwest of Wainwright (event 234), ASAMM-Chukchi Flight 235, 11 September 2013.**



**Feeding gray whale group sighted approximately 50 km north of Wainwright (event 345), ASAMM-Chukchi Flight 235, 11 September 2013.**