

## ASAMM-Chukchi – Flight 240 – 27 September 2017

Area flown: Transect 7, partial; transects 9 and 11, complete.

Total hours flown: 5.0

Total transect hours: 3.0

Number of bowhead whales seen: 12 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 3 to 5. Visibility ranged from <1 km to unlimited, with glare and low ceilings. There was no sea ice in the area surveyed.

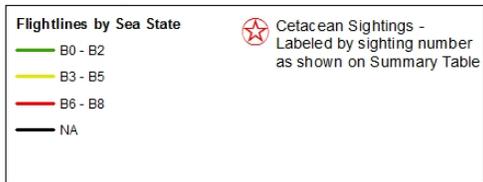
Sightings: Bowhead whales, gray whales (including 1 calf), walrus, one bearded seal, and small unidentified pinnipeds.

### Preliminary Summary, Flight 240 Date: Wednesday, September 27, 2017

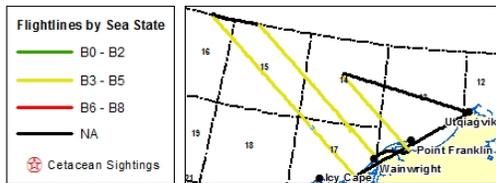
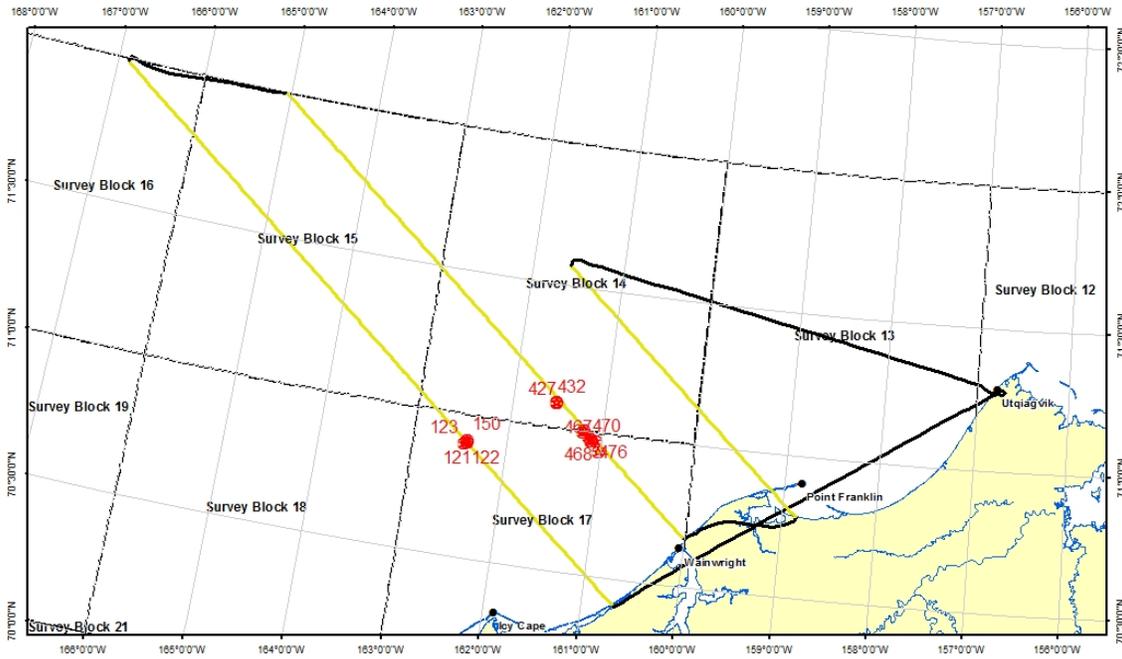
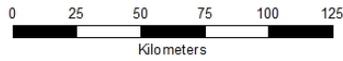
Total bowhead whales: 12	Start time: 9/27/2017 12:30:25 PM	End time: 9/27/2017 5:28:38 PM
Bowhead whale sightings: 9	Transect minutes: 178	Transect km: 647.9
Bowhead whales on transect: 3	Circling minutes: 35	Circling km: 86.5
Bowhead whale calves: 0	Trans+Circ minutes: 213	Trans+Circ km: 734.4
Bowhead whale calves on transect: 0	Search minutes: 0	Search km: 0.9
Bowhead whale repeats: 1	Total minutes: 298	Total km: 1203.9
Possible repeats: 0	Deadhead minutes: 85	Deadhead km: 468.6
Total gray whales: 9	Search blocks: 14,16,17	
Total belugas: 0	Transect blocks: 13,14,15,16,17	
Other whale sightings: 0		
Walrus: yes		
Total polar bears: 0		

### Cetacean Sightings:

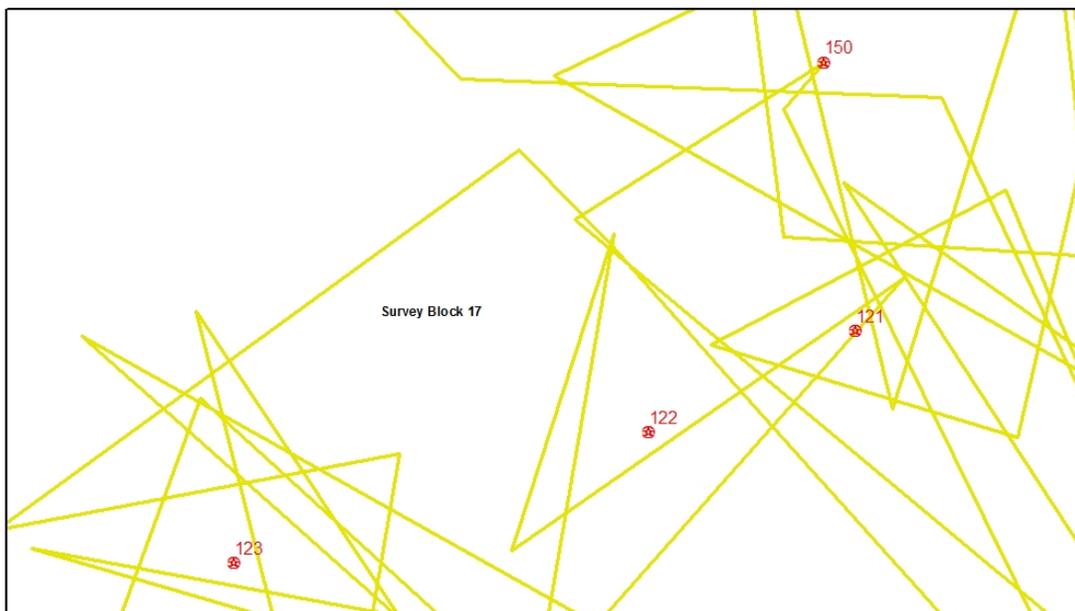
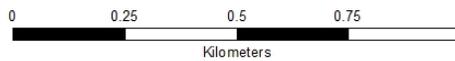
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
121	70.9	-162.43	17	gray whale	2	0	feed	-1	True
122	70.9	-162.43	17	gray whale	2	0	feed	-1	True
123	70.91	-162.44	17	gray whale	2	0	breach	-1	True
150	70.91	-162.43	17	gray whale	1	0	feed	-1	False
427	71.1	-161.5	14	bowhead whale	1	0	swim	-1	True
432	71.09	-161.53	14	bowhead whale	1	0	swim	-1	False
442	71.01	-161.18	17	bowhead whale	1	0	swim	-1	True
444	71	-161.2	14	gray whale	2	1	swim	-1	False
451	70.99	-161.15	17	bowhead whale	2	0	swim	-1	False
461	70.97	-161.05	17	bowhead whale	1	0	swim	-1	False
467	70.97	-161.11	17	bowhead whale	1	0	swim	-1	False
468	70.98	-161.12	17	bowhead whale	2	0	swim	-1	False
470	70.97	-161.1	17	bowhead whale	2	0	swim	-1	False
476	70.95	-160.98	17	bowhead whale	1	0	swim	-1	True

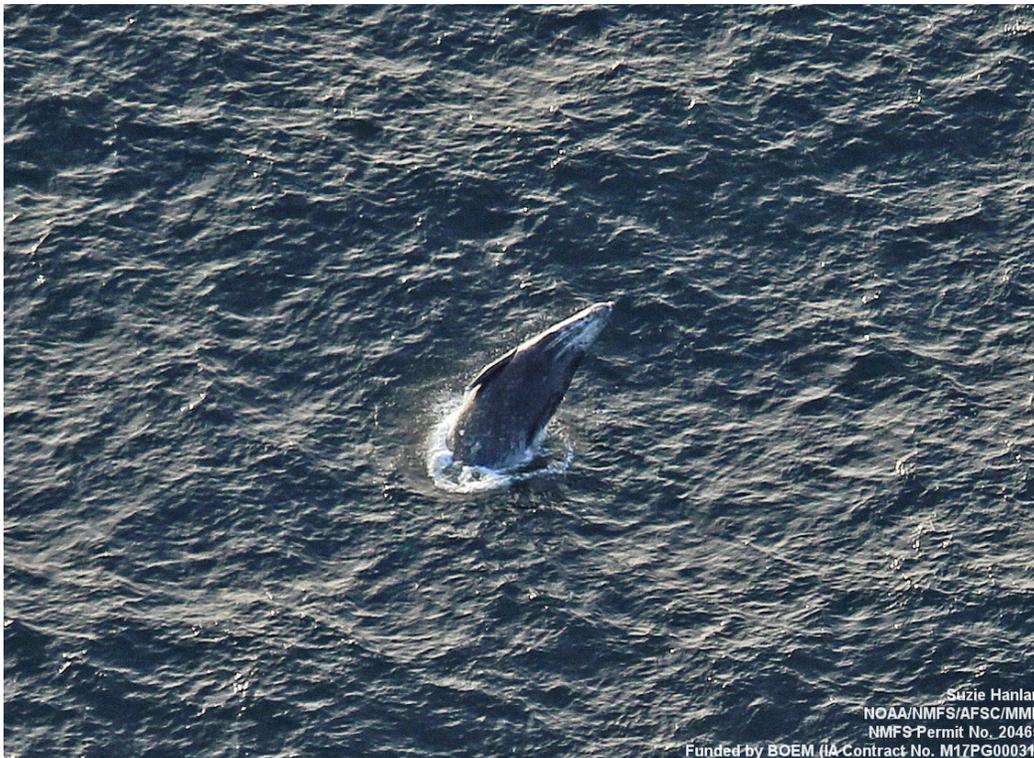
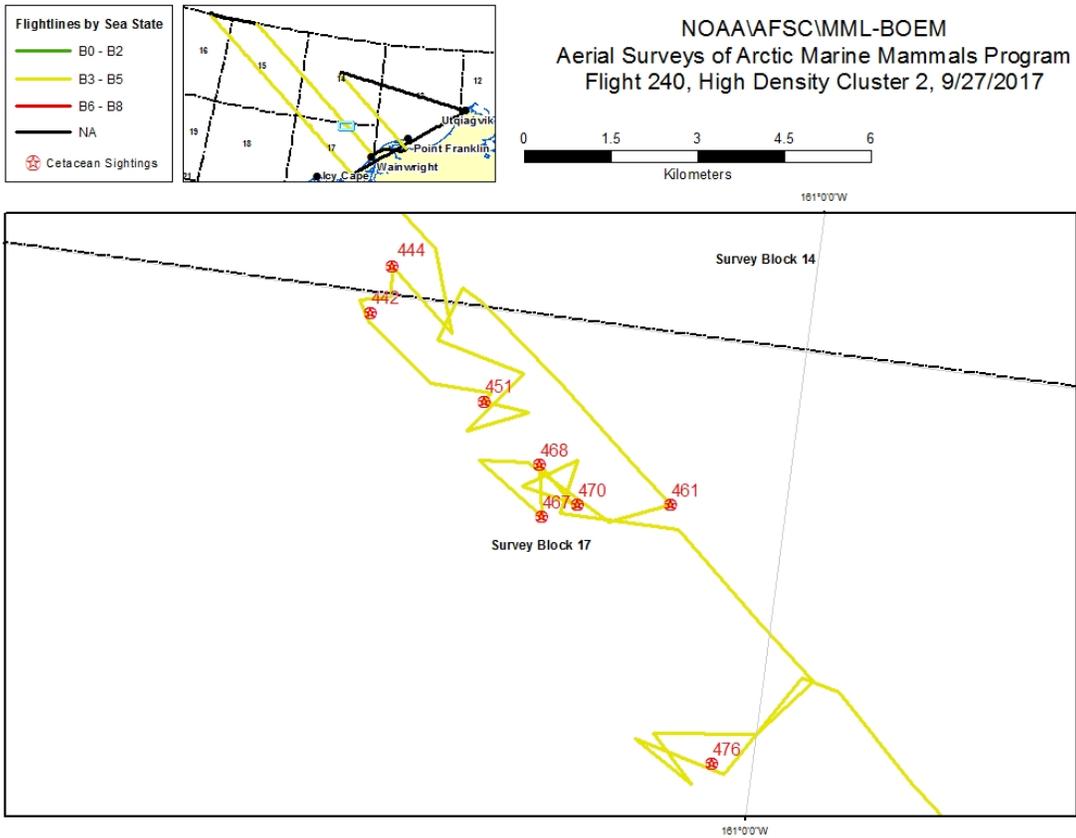


NOAA/FSC/MML-BOEM  
Aerial Surveys of Arctic Marine Mammals Program  
Flight 240, 9/27/2017 12:30:25 PM

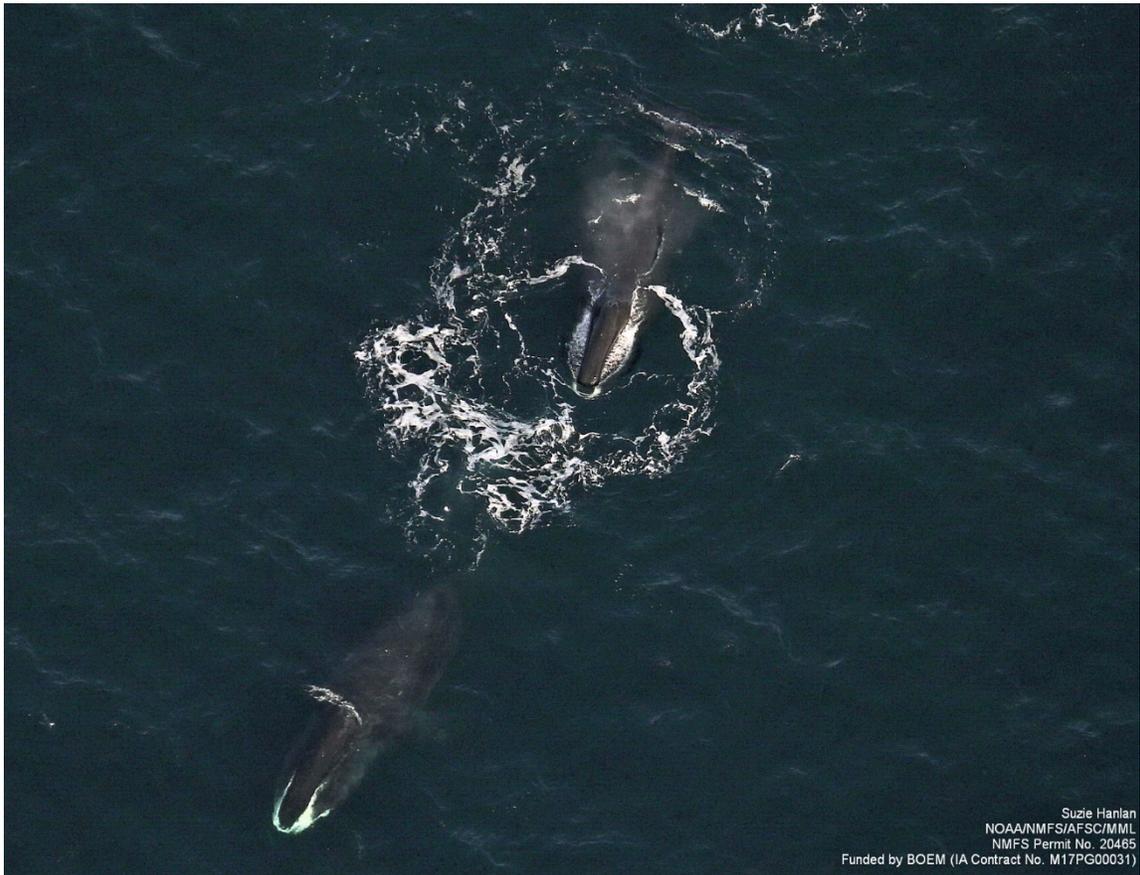


NOAA/FSC/MML-BOEM  
Aerial Surveys of Arctic Marine Mammals Program  
Flight 240, High Density Cluster 1, 9/27/2017





Highlighted by a glossy background, this gray whale is captured in time as it appears to hang in the air mid-breach. The characteristic narrow jaw and minimal (in this case, two) throat grooves are clearly visible in this unique view. Observed approximately 70 km northwest of Wainwright, Alaska (Event 123), ASAMM-Chukchi Flight 240, 27 September 2017.



Two bowhead whales form a single file line approximately 60 km northwest of Wainwright, Alaska (Event 451), ASAMM-Chukchi Flight 240, 27 September 2017.