

ASAMM-Chukchi – Flight 229 – 4 September 2017

Area flown: Transects 8 and 10, complete.

Total hours flown: 3.5

Total transect hours: 2.0

Number of bowhead whales seen: 4 (0 calves)

Weather and visibility: Skies were clear to partly cloudy. Sea state ranged from Beaufort 2 to 5.

Visibility ranged from 5 km to unlimited, with glare. There was no sea ice in the area surveyed.

Additional survey effort was not attempted due to poor weather conditions at Utqiagvik.

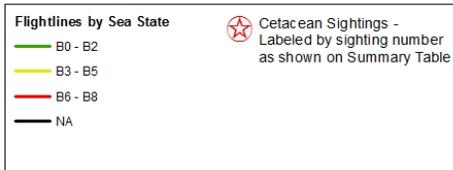
Sightings: Bowhead whales, gray whales, one unidentified cetacean carcass, walrus, one unidentified pinniped carcass, and small unidentified pinnipeds.

Preliminary Summary, Flight 229 Date: Monday, September 4, 2017

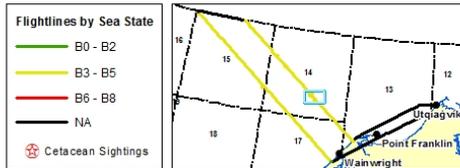
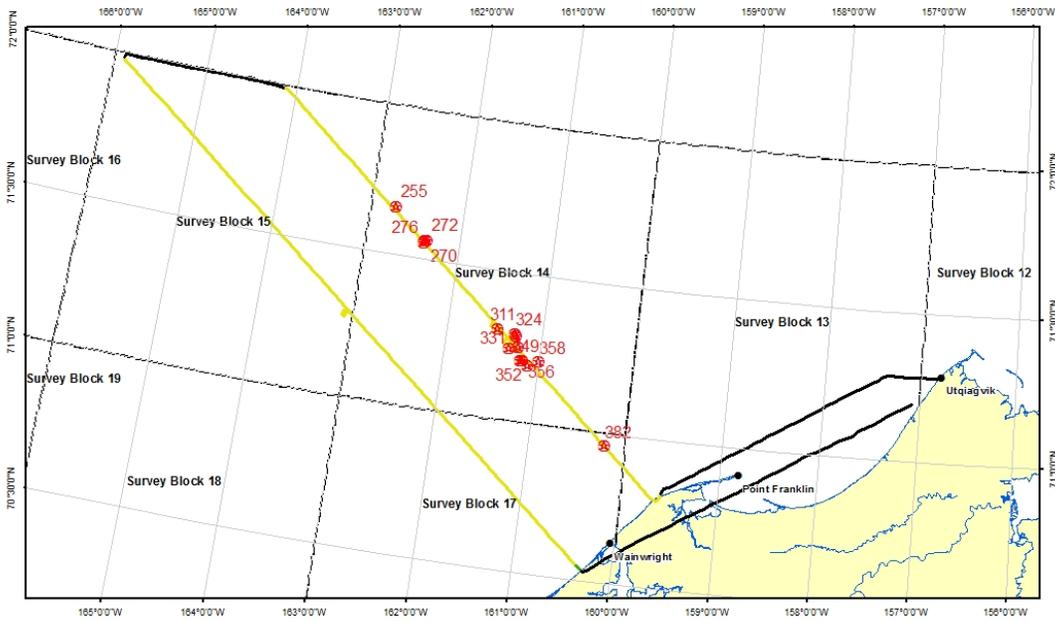
Total bowhead whales: 4	Start time: 9/4/2017 9:22:25 AM	End time: 9/4/2017 12:50:15 PM
Bowhead whale sightings: 3	Transect minutes: 119	Transect km: 461.1
Bowhead whales on transect: 1	Circling minutes: 25	Circling km: 75.2
Bowhead whale calves: 0	Trans+Circ minutes: 144	Trans+Circ km: 536.3
Bowhead whale calves on transect: 0	Search minutes: 1	Search km: 5.2
Bowhead whale repeats: 0	Total minutes: 207	Total km: 860.8
Possible repeats: 0	Deadhead minutes: 62	Deadhead km: 319.3
Total gray whales: 13	Search blocks: 13,15	
Total belugas: 0	Transect blocks: 13,14,15,17	
Other whale sightings: 1		
walrus: yes		
Total polar bears: 0		

Cetacean sightings:

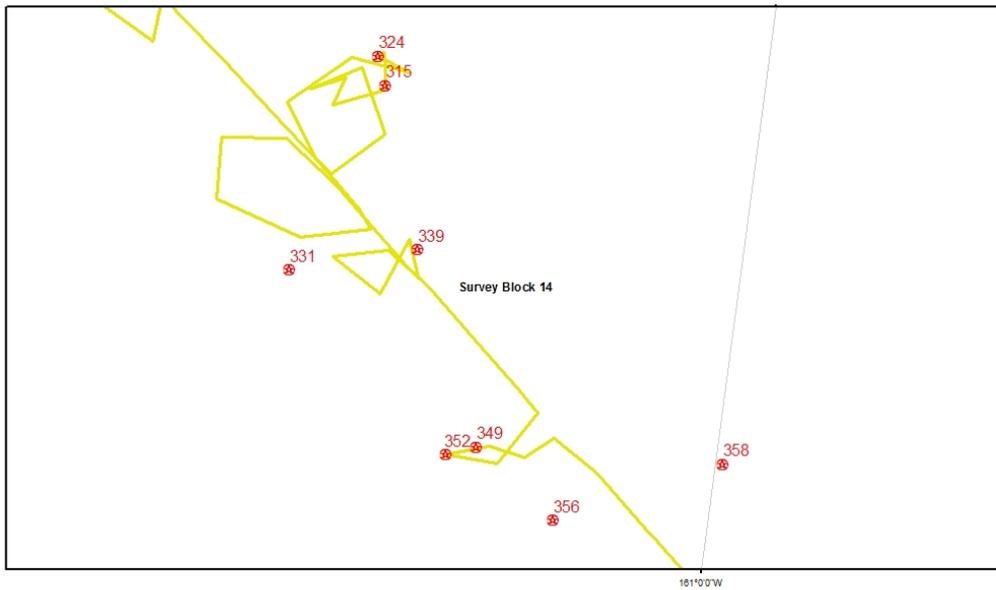
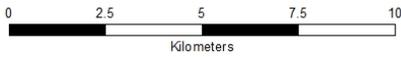
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
255	71.65	-162.75	14	unid cetacean	1	0	dead	-1	True
270	71.56	-162.38	14	bowhead whale	1	0	swim	311	True
272	71.56	-162.35	14	bowhead whale	1	0	swim	-1	False
276	71.55	-162.38	14	bowhead whale	2	0	swim	-1	False
311	71.31	-161.46	14	gray whale	1	0	feed	-1	False
315	71.27	-161.32	14	gray whale	2	0	feed	-1	True
324	71.3	-161.28	14	gray whale	1	0	feed	-1	False
331	71.26	-161.28	14	gray whale	3	0	feed	-1	True
339	71.25	-161.24	14	gray whale	1	0	feed	-1	True
349	71.22	-161.14	14	gray whale	1	0	feed	-1	True
352	71.21	-161.19	14	gray whale	1	0	feed	-1	False
356	71.21	-161.08	14	gray whale	1	0	feed	-1	True
358	71.2	-161.04	14	gray whale	1	0	feed	-1	True
382	70.96	-160.21	17	gray whale	1	0	feed	-1	True

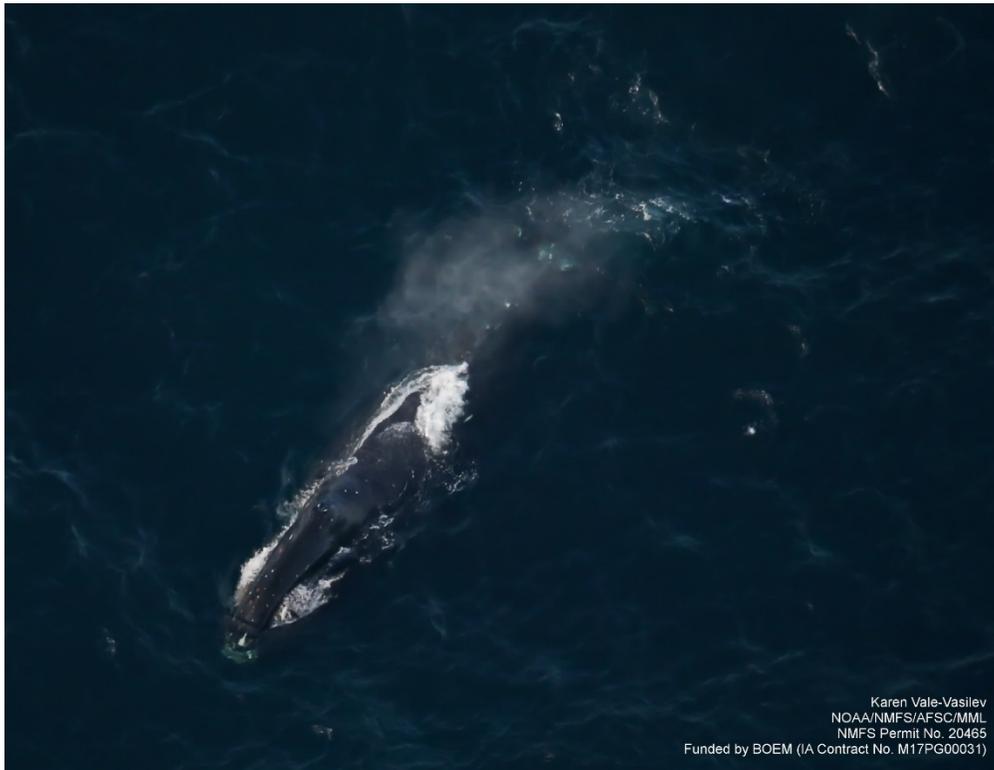


NOAA\FSC\MML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 229, 9/4/2017 9:22:25 AM



NOAA\FSC\MML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 229, High Density Cluster 1, 9/4/2017





Water streams from the mouth of a bowhead whale observed ~200 km northwest of Utqiagvik, Alaska (Event 270), ASAMM-Chukchi Flight 229, 4 September 2017.



Meanwhile, gray whales remain in the northeastern Chukchi Sea, chowing down on the good stuff! This gray whale was one of a loosely aggregated group of 12 that were feeding approximately 160 km west of Utqiagvik, Alaska (Event 315), ASAMM-Chukchi Flight 229, 4 September 2017.