

ASAMM-Chukchi – Flight 233 – 11 September 2017

Area flown: Transects 28, 29, 30, and 31, complete.

Total hours flown: 6.2 (2 flights)

Total transect hours: 1.7

Number of bowhead whales seen: 0 (0 calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 3 to 5. Visibility ranged from 5 km to unlimited, with glare, low ceilings, and precipitation. There was no sea ice in the area surveyed. Airport conditions in Utqiaġvik precluded further survey effort.

Sightings: Humpback whales, fin whales, one unidentified cetacean, walrus, and one unidentified marine mammal carcass.

Preliminary Summary, Flight 233 Date: Monday, September 11, 2017

Total bowhead whales: 0	Start time: 9/11/2017 8:55:34 AM	End time: 9/11/2017 4:36:59 PM
Bowhead whale sightings: 0	Transect minutes: 101	Transect km: 377.5
Bowhead whales on transect: 0	Circling minutes: 27	Circling km: 69.3
Bowhead whale calves: 0	Trans+Circ minutes: 129	Trans+Circ km: 446.8
Bowhead whale calves on transect: 0	Search minutes: 13	Search km: 39
Bowhead whale repeats: 0	Total minutes: 369	Total km: 1778.6
Possible repeats: 0	Deadhead minutes: 227	Deadhead km: 1292.8
Total gray whales: 0	Search blocks: 22	
Total belugas: 0	Transect blocks: 22	
Other whale sightings: 5		
Walrus: yes		
Total polar bears: 0		

Cetacean Sightings:

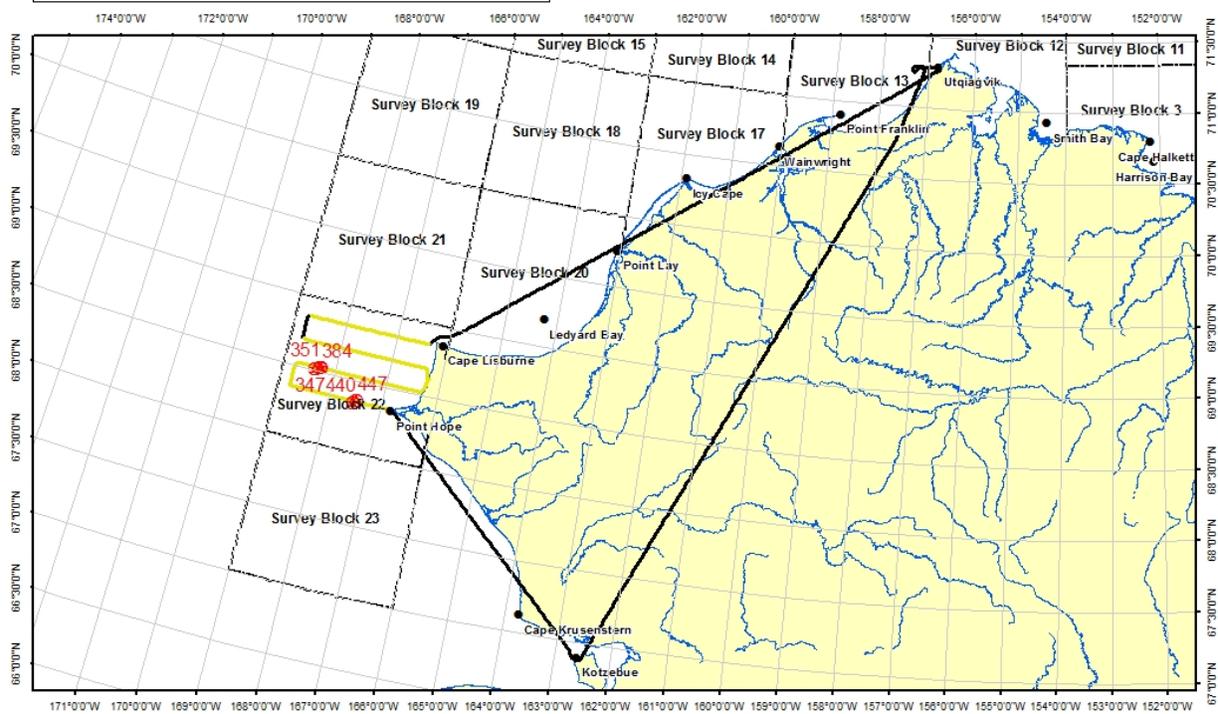
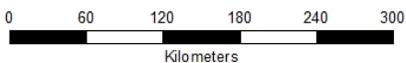
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
347	68.53	-168.27	22	humpback whale	1	0	feed	90	True
351	68.53	-168.28	22	humpback whale	1	0	swim	-1	False
384	68.53	-168.37	22	fin whale	1	0	swim	305	True
440	68.36	-167.52	22	fin whale	1	0	feed	-1	True
447	68.36	-167.47	22	unid cetacean	1	0	dive	-1	True

NOAA/AFSC/MML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 233, 9/11/2017 8:55:34 AM

Flightlines by Sea State

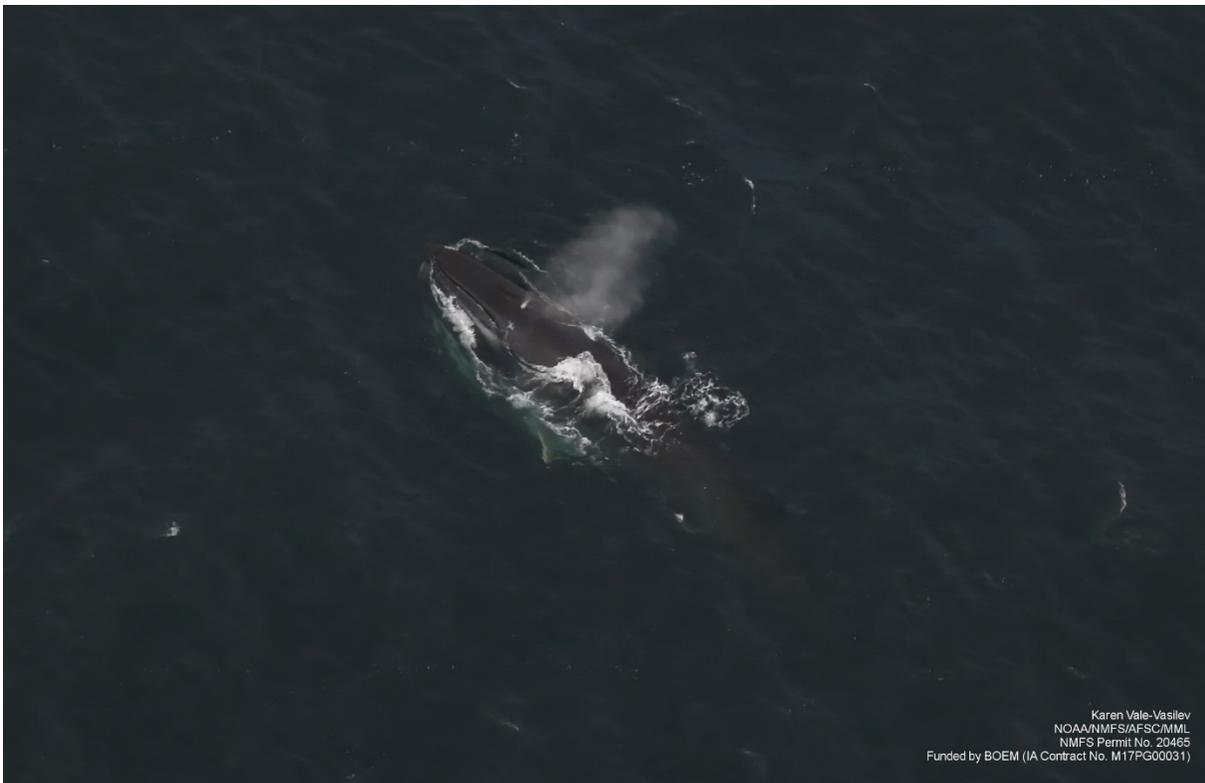
- B0 - B2
- B3 - B5
- B6 - B8
- NA

Cetacean Sightings - Labeled by sighting number as shown on Summary Table





A humpback whale sighted for a brief moment approximately 60 km WNW of Point Hope, Alaska (Event 347), ASAMM-Chukchi Flight 233, 11 September 2017. This whale was also observed lunge feeding.



The bulging throat pleats on this feeding fin whale are visible subsurface as the whale comes up for a breath. This fin whale was sighted approximately 30 km west of Point Hope, Alaska (Event 440), ASAMM-Chukchi Flight 233, 11 September 2017.