

ASAMM-Chukchi – Flight 227 – 27 August 2013

Area flown: Transects 19 and 21, partial; coastal transect from the end of transect 21 to Barrow.

Total hours flown: 5.0

Total transect hours: 3.3

Number of bowheads seen: 0 (0 calves)

Weather and visibility: Skies were partly cloudy and overcast. Sea state ranged from Beaufort 2-5. Visibility ranged from 0 to 10 km, with low ceilings, glare, fog and precipitation. Low ceilings and fog prevented further survey effort. There was no sea ice in the area surveyed.

Sightings: Humpback whales, one fin whale, gray whales, belugas, one unidentified cetacean, walrus, bearded seals, small unidentified pinnipeds, and unidentified pinnipeds.

Preliminary Summary, Flight 227 Date: 8/27/2013

Total bowhead whales: 0	Start time: 8/27/2013 9:46:42 AM	End time: 8/27/2013 2:47:44 PM
Bowhead whale sightings: 0	Transect minutes: 199	Transect km: 713.6
Bowhead whales on transect: 0	Circling minutes: 22	Circling km: 58.2
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 221	Trans+Circ km: 771.8
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 1	Search km: 1.9
Bowhead whale repeats: 0	Total minutes: 301	Total km: 1185.4
Possible repeats: 0	Deadhead minutes: 79	Deadhead km: 411.7
Total gray whales: 2	Search blocks: 19, 20, 13	
Total belugas: 2	Transect blocks: 20, 18, 19, 21, 17, 13	
Other whale sightings: 6		
Total walrus: 3		
Total polar bears: 0		

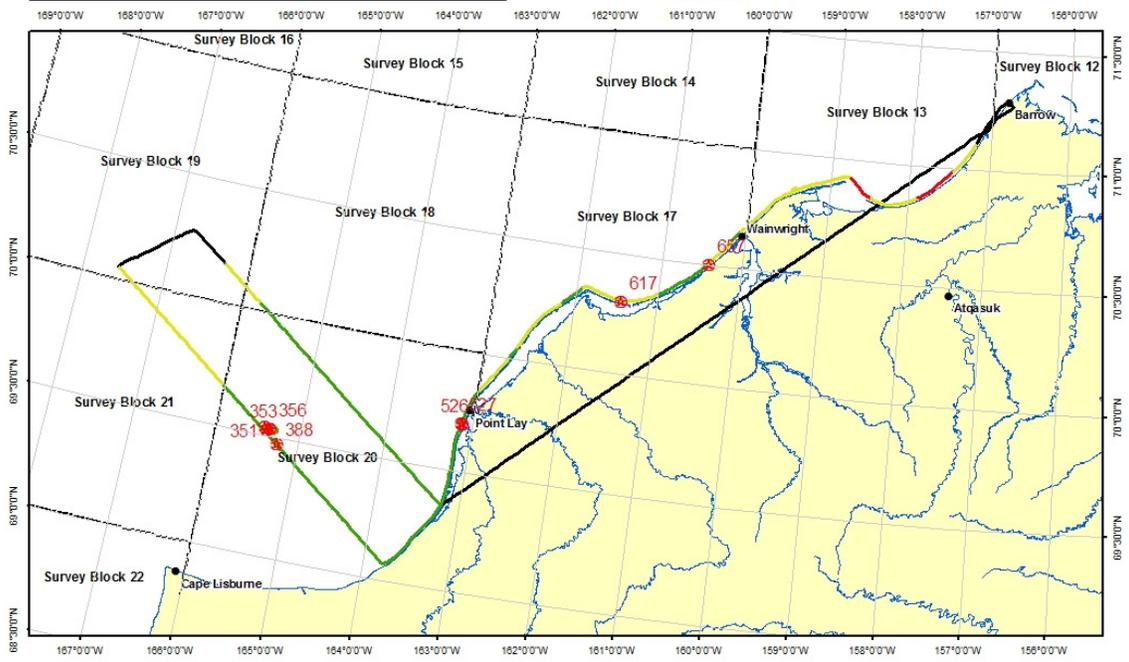
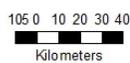
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
351	69.52	-165.44	20	fin whale	1	0	swim	-1	False
353	69.52	-165.41	20	humpback whale	2	0	swim	-1	False
356	69.53	-165.35	20	humpback whale	2	0	swim	-1	False
388	69.47	-165.25	20	unid cetacean	1	0	swim	216	True
526	69.7	-163.13	20	beluga	1	0	swim	14	True
527	69.7	-163.13	20	beluga	1	0	swim	-1	True
617	70.31	-161.43	17	gray whale	1	0	feed	269	True
657	70.5	-160.42	17	gray whale	1	0	feed	-1	True

NOAA/AFSC/NMML-BOEM
 Aerial Surveys of Arctic Marine Mammals Program
 Flight 227, 8/27/2013

Flightlines by Sea State

- B0 - B2
- B3, B4
- B5, B6
- B7 - B12
- n/a

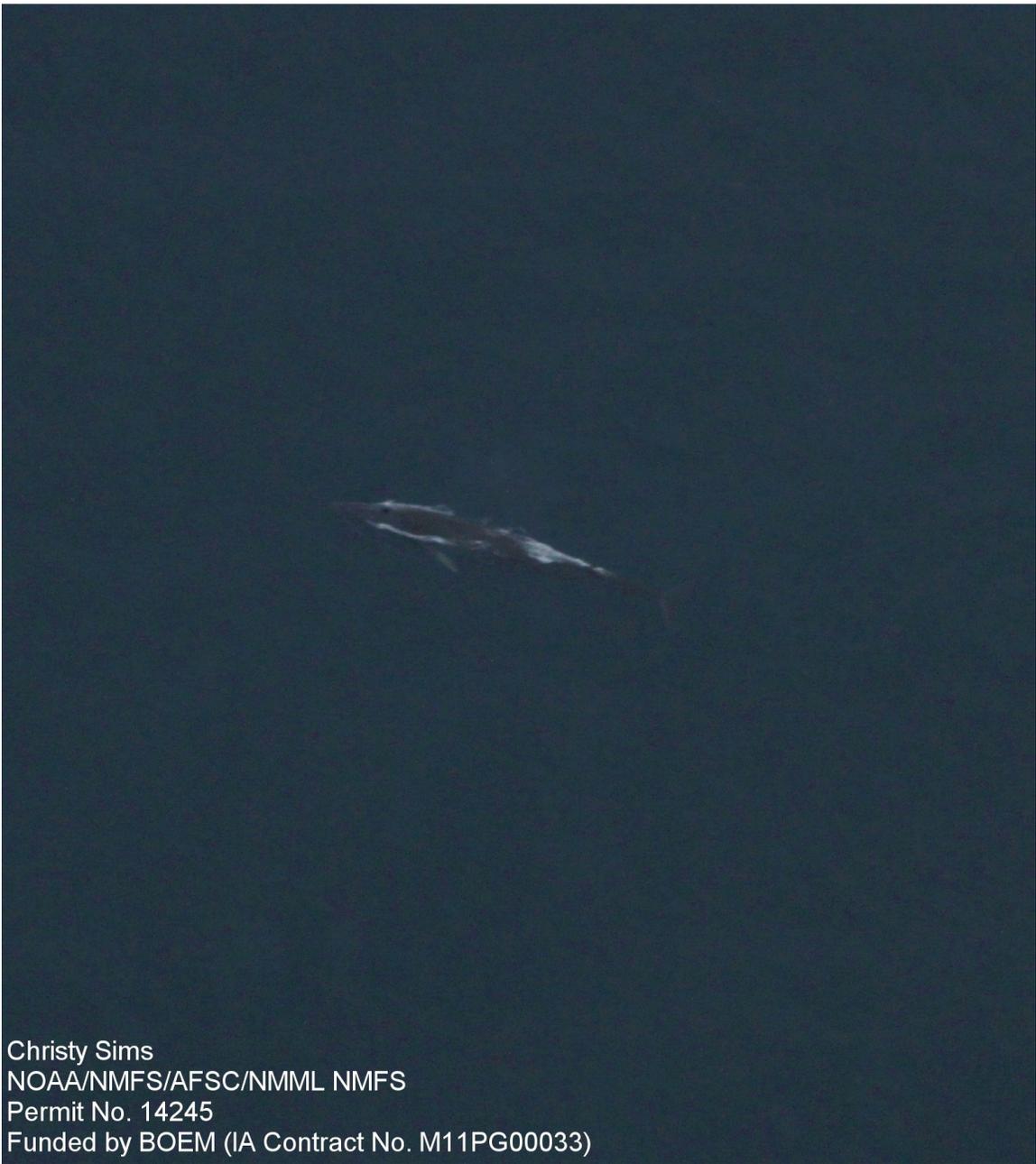
Cetacean Sightings - Labeled by sighting number as shown on Summary Table





Christy Sims
NOAA/NMFS/AFSC/NMML NMFS
Permit No. 14245
Funded by BOEM (IA Contract No. M11PG00033)

One of the pairs of humpback whales sighted approximately 100 km northeast of Cape Lisburne (event 356), ASAMM-Chukchi Flight 227, 27 August 2013.



Christy Sims
NOAA/NMFS/AFSC/NMML NMFS
Permit No. 14245
Funded by BOEM (IA Contract No. M11PG00033)

Fin whale sighted approximately 100 km northeast of Cape Lisburne (event 351), ASAMM-Chukchi Flight 227, 27 August 2013.