

Iceberg B-35 Calves off of Pine Island Glacier

August 11, 2015, Suitland, MD — On August 11th 2015, the National Ice Center (NIC) named a new iceberg that calved from Pine Island Glacier in Pine Island Bay. Pine Island Glacier most recently calved iceberg B-31 in early August 2013. B-31 is still located in the Amundsen Sea, at 71°53' South, 112°44' West, approximately 245 nautical miles from where it originally calved.

B-35 is located at 74°41'36" South, 103°53'12" West, in the Amundsen Sea. The iceberg measures 11 nautical miles on its longest axis and 7 nautical miles on its widest axis. Analyst Chris Readinger confirmed B-35 using the Sentinel-1 images shown below.

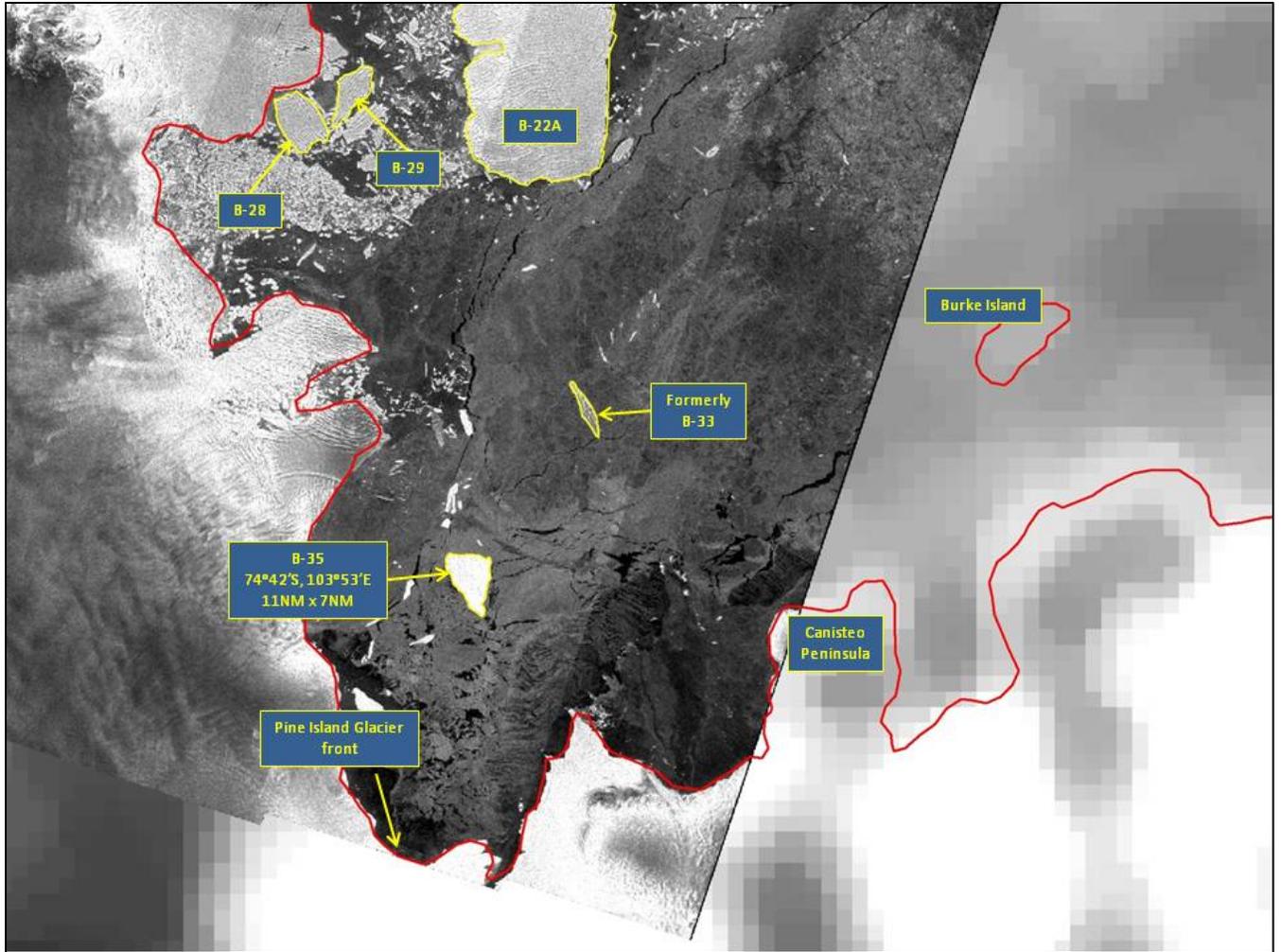
Iceberg names are derived from the Antarctic quadrant in which they were originally sighted. The quadrants are divided counter-clockwise in the following manner:

- A = 0-90W (Bellingshausen/Weddell Sea)
- B = 90W-180 (Amundsen/Eastern Ross Sea)
- C = 180-90E (Western Ross Sea/Wilkesland)
- D = 90E-0 (Amery/Eastern Weddell Sea)

When first sighted, an iceberg's point of origin is documented by the NIC. The letter of the quadrant, along with a sequential number, is assigned to the iceberg. For example, C-19 is sequentially the 19th iceberg tracked by the NIC in Antarctica between 180-90E (Quadrant C). Icebergs with letter suffixes have calved from already named icebergs, where the letters are added in sequential order. For example, C-19D, is the 4th iceberg to calve off the original C-19 iceberg.

The National Ice Center is a tri-agency operational center represented by the United States Navy (Department of Defense), the National Oceanic and Atmospheric Administration (Department of Commerce), and the United States Coast Guard (Department of Homeland Security). The National Ice Center mission is to provide the highest quality strategic and tactical ice services tailored to meet the operational requirements of U.S. national interests and to provide specialized meteorological and oceanographic services to United States government agencies.

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SENTINEL/ASCAT images of B-35 dated August 11th, 2015



SENTINEL/ASCAT images showing B-35 relative to B-31 dated August 11th, 2015

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