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PRESS RELEASE

FOR IMMEDIATE RELEASE

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Iceberg A-77 Calves from Ekstrom Ice Shelf

16AUG2021, SUITLAND, MD — The U.S. National Ice Center (USNIC) has confirmed that iceberg A-77 has calved from the Ekstrom Ice Shelf on the Princess Martha Coast of Antarctica. As of August 15th, A-77 was centered at 70° 44' South and 10° 47' West and measures 27 nautical miles on its longest axis and 4 nautical miles on its widest axis.

The new iceberg was first spotted on August 14th by Dipl.-Geogr- Klaus Strübing, former director and professor at BSH, and confirmed by USNIC Analyst Christopher Readinger using the Sentinel-1A image 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)

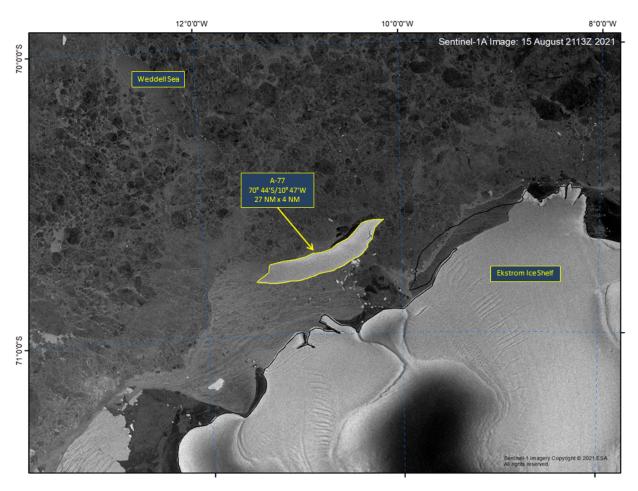
B = 90W-180 (Amundsen/Eastern Ross Sea)

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 USNIC. 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 USNIC 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.

Iceberg positions are analyzed weekly and are available on the USNIC webpage at: https://usicecenter.gov/Products/AntarcIcebergs



Sentinel-1A image of iceberg A-77 from August 15, 2021

For more information, please contact:

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The U.S. National Ice Center is a multi-agency center operated by the Navy, NOAA, and Coast Guard and provides global to tactical scale ice and snow products, ice forecasting, and related environmental intelligence services for the United States government.