Parameter Name	Description	Units	Valid Values	Type
BED_ANTGG2022	Bed topography (elevation) referred to the geoid (consistent with BMv3.7).	meters	-8024 – 4042	float
ERRBED_ANTGG2022	Bed topography (ice thickness and gravity inversion) error.	meters	0 – 1000	int16
MASK_ANTGG2022	Ocean/ice/land mask: ocean (0); ice-free land (1); grounded ice (2); floating ice (3); Lake Vostok (4).	N/A	0 – 4	byte
MASK_inv_ANTGG2022	Gravity inversion data/BedMachine data.	N/A	0 – 1	byte
SOURCE_ANTGG2022	Input data source before correction (i.e., method): MEOP (1); Singlebeam (2); Multibeam (3); mass conservation (4); radar (5); AUV (6); seismic (7); CTD (8).	N/A	0 – 8	byte
SOURCE_inv_ANTGG2022	Input data source corrected (i.e., method): MEOP (1); Singlebeam (2); Multibeam (3); mass conservation (4); radar (5); AUV (6); seismic (7); CTD (8).	N/A	0 – 8	byte
SURFACE_ANTGG2022	Ice surface elevation, referred to the geoid (consistent with BMv3.7).	meters	0 – 5000	float
ICE_THICKNESS_ANTGG2022	Ice thickness	meters	0 – 5000	float
WATER_HEIGHT_ANTGG2022	Water height under the ice shelves.	meters	0 – 8023	float