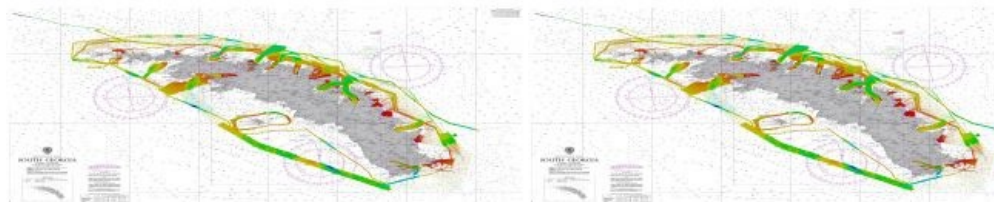


UKHO Provides Bathymetric Survey Data to Seabed 2030



The UK Hydrographic Office (UKHO) has started supplying bathymetric survey data for non-UK waters to the General Bathymetric Chart of the Oceans (GEBCO), after signing the memorandum of understanding (MOU) with The Nippon Foundation-GEBCO Seabed 2030 Project (Seabed 2030) earlier this year.

The MOU was signed with the goal of advancing the industry's understanding of ocean bathymetry and supporting the UN Decade of Ocean Science for Sustainable Development. The UKHO has agreed to provide bathymetric data-gridded map products and advise on data management methods and best practice, to support the ambitious goal of completely mapping the world's oceans by 2030 (Seabed 2030).

Millions of New Data Points

The UKHO has started supplying data that covers the South Atlantic and the waters around Antarctica to GEBCO via the Seabed 2030 Southern Ocean Regional Centre, located at the [Alfred Wegener Institute](#). This data is an important contribution to the International Bathymetric Chart of the Southern Ocean (IBCSO), GEBCO and Seabed 2030. The supplied data has contributed 3,753,614 new data points to [IBCSO](#) and [GEBCO](#), covering a combined 13,500NM², including South Georgia (1,500NM² with 55,539 data points) and Antarctica (12,000NM² with 2,931,105 data points).

This marks the first time that the UKHO has supplied data from outside of the UK directly to GEBCO for inclusion in its products. It follows the success of a 2021 trial that saw the UKHO collaborate closely with the Alfred Wegener Institute on a data set covering South Georgia to ensure it met supply requirements and contained all the data and metadata required. The trial data – which contained a deconflicted 100m-resolution bathymetric surface covering 1,500NM² – was supplied to the Alfred Wegener Institute in November 2021 and was successfully integrated into the IBCSO data pipeline.

High-quality Marine Geospatial Data

This announcement supports the UKHO's presence at the GEBCO 'Map the Gaps' Symposium. The event, hosted by NOC (the UK's [National Oceanography Centre](#)) in association with the UKHO, is taking place at the end of October 2022. Rear Admiral Rhett Hatcher, UK National Hydrographer and Director of Data Acquisition & Defence, UKHO, will deliver an opening speech.

Commenting on this milestone, Hatcher said: "It is fantastic to announce that we have started supplying bathymetric data surveys to GEBCO for inclusion in its products. This also marks an important milestone in our partnership with Seabed 2030, which is part of the UKHO's wider commitment to the full mapping of the world's oceans to support safe, secure and thriving oceans.

"Next, we plan to submit data into the Caribbean region, and look forward to further opportunities to engage with the wider geospatial community and support the UN Decade of Ocean Science for Sustainable Development."

Boris Dorschel, Head of Southern Ocean Regional Centre, Alfred Wegener Institute, added: "High-quality marine geospatial data plays an instrumental role in Seabed 2030 and is essential to fulfil our task of mapping the world's oceans. We are very grateful to the UKHO for its data contributions and expertise on ocean mapping solutions to realize this goal, and to progressing the Seabed 2030 efforts to produce the complete map of the ocean floor by 2030."



A chart of South Georgia. (Courtesy: UK Hydrographic Office)