

GEBCO_08 Grid – artefact along 0°E in the North Sea region

In the North Sea region, there is a line of discontinuity along 0°E in the GEBCO_08 Grid. This is shown below in Figure 1.

In the region west of 0°E, the GEBCO_08 Grid is largely based on a detailed bathymetric data which has been derived from data collected by fishing vessels, provided by Olex AS (see the GEBCO_08 documentation for more information). The discontinuity at 0°E represents a mis-match between this data set and the existing GEBCO_08 Grid along this boundary.

Figure 2 shows the coverage of the GEBCO_08 Source Identifier (SID) Grid in this region. The SID Grid indicates which cells in the GEBCO_08 Grid are based on soundings or existing gridded data sets and which have been interpolated. Figure 2 highlights the boundary between the Olex data set and the surrounding GEBCO_08 Grid.

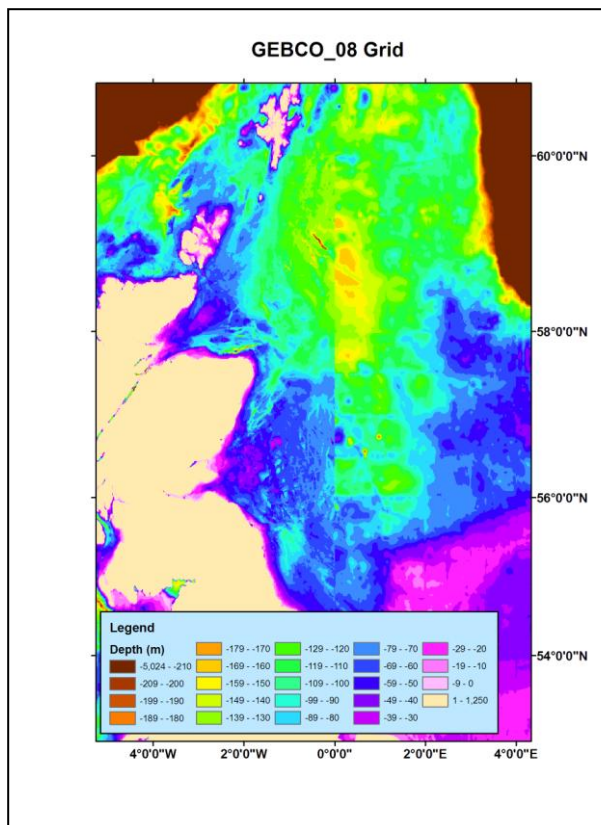


Figure 1

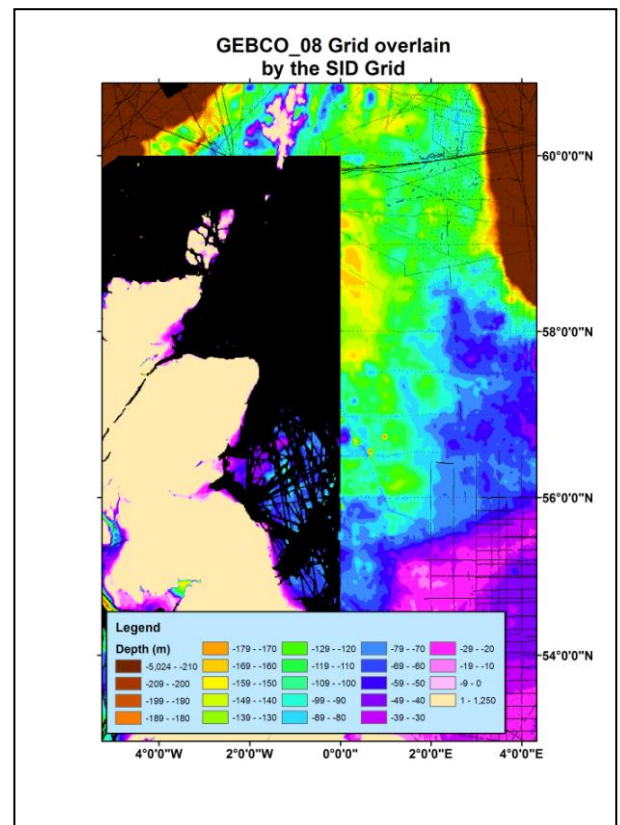


Figure 2