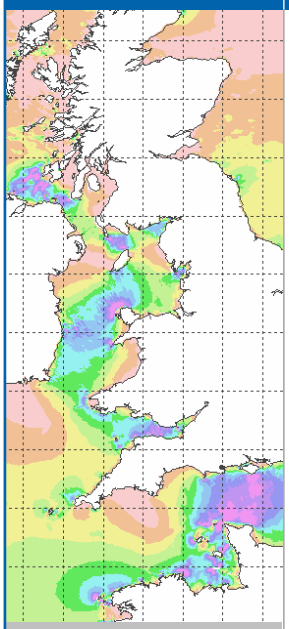
Information Sheet



High Resolution Continental Shelf Model (CS20)

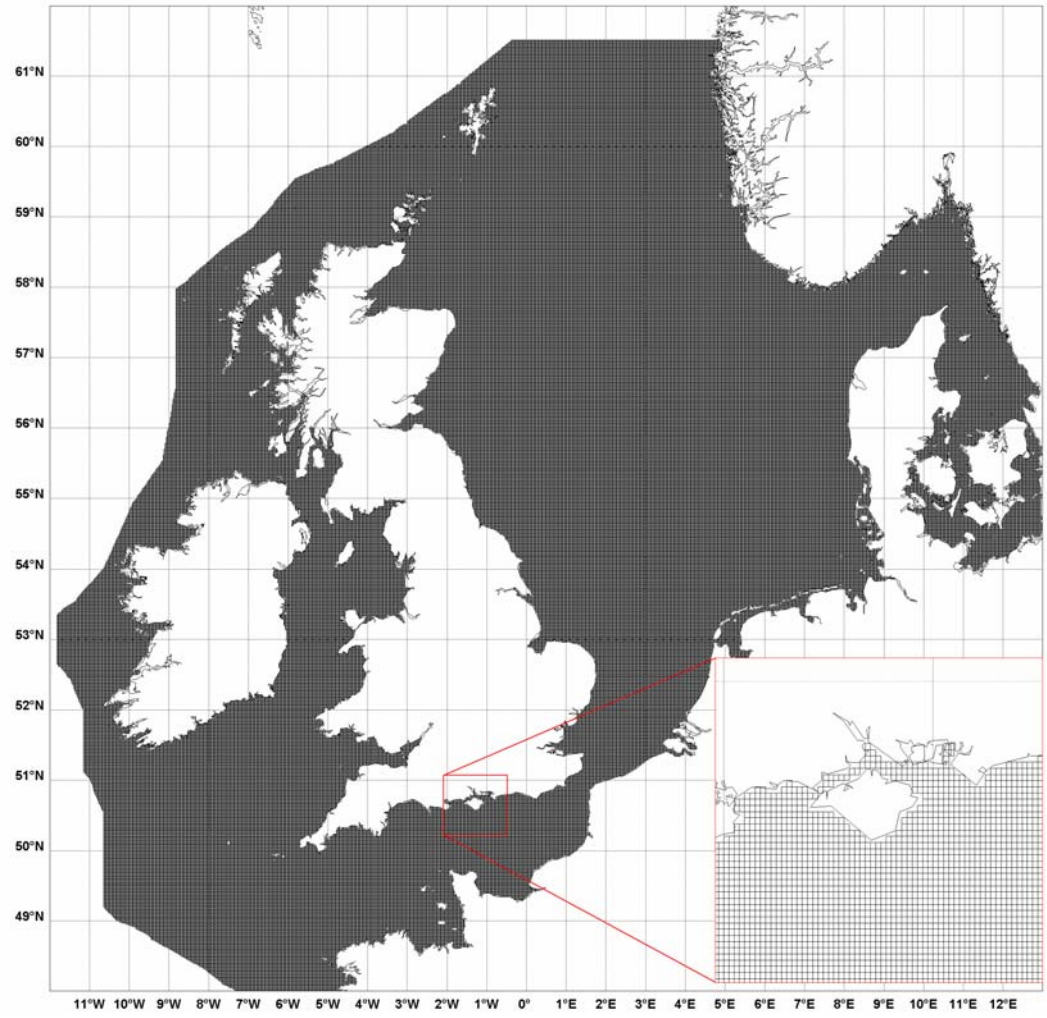
Details

1/60° latitude by 1/40° longitude (horizontal resolution approximately 1 nautical mile (1.8km)).

Area: 12°W-13°E; 48°N-63°N within the 200m depth contour at the continental shelf edge.

Surface and sea-bed (bottom) currents are obtained directly from the 3D model, i.e. taken from the sigma levels adjacent to the sea surface and the sea bed, not deduced from the depth-averaged currents and scaling factors as in the CS3-3D model.

Model grid



References

Proctor, R., C. Bell, L. Eastwood, J. T. Holt, D. Prandle and E. F. Young (2004). UK Marine Renewable Energy Atlas: Phase 2 - POL contribution. Proudman Oceanographic Laboratory, Internal Document, No 163, 26 p.