

High Resolution Continental Shelf Model (CS20)

Details

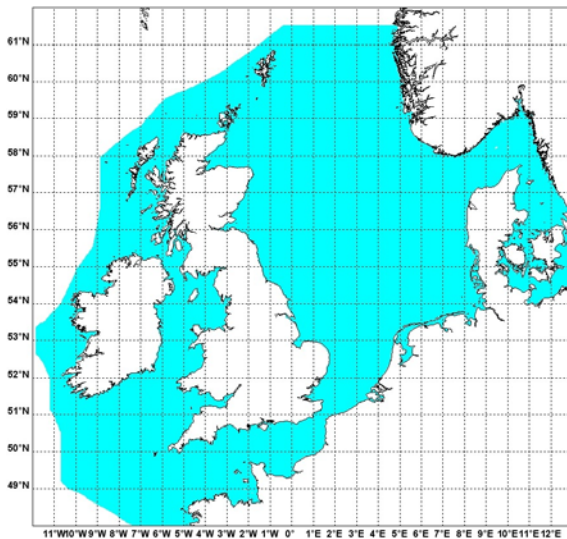
1/60° latitude by 1/40° longitude - horizontal resolution approximately 1 nautical mile (1.8km).

Area: 12°W-13°E; 48°N-61°30'N within the 200m depth contour at the continental shelf edge.

Currents are computed at 32 different depth levels through the water column and not deduced from the depth-averaged currents and scaling factors as in the CS3-3D model.

See also: CS20 Sigmas Info Sheet.pdf

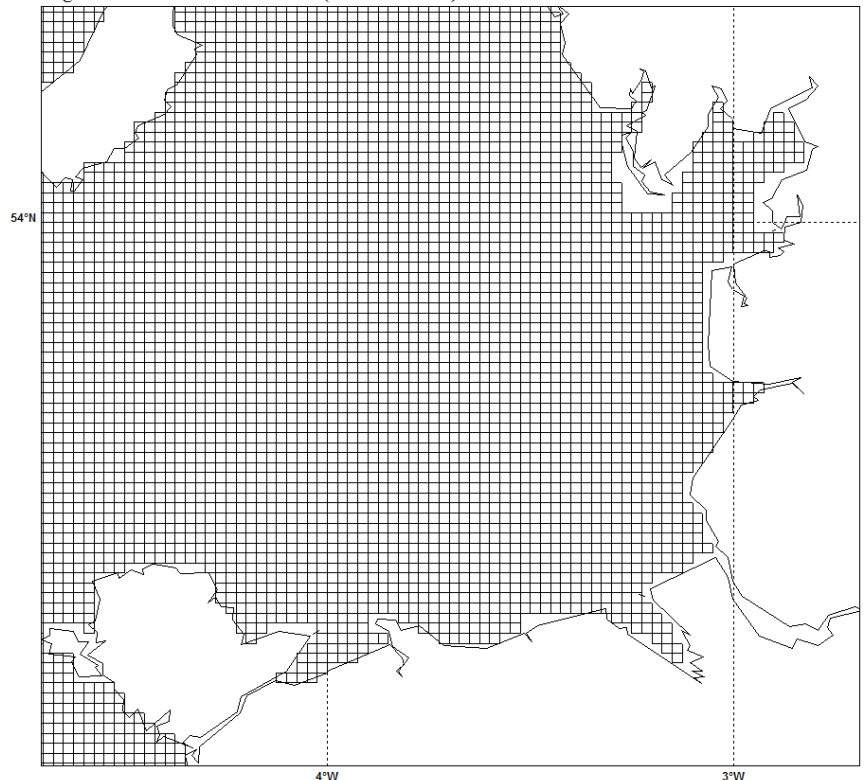
Model Grid



above: the blue area shows the coverage of the CS20 model.

right: a close up of the Eastern Irish Sea to give an idea of the resolution.

High Resolution UKCS Model (CS20-15HC3)



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.