

ENC Web Service

French company Geomod and its UK-based business partner OceanWise Ltd have launched an “ENC Web Service”™, delivering Electronic Navigational Charts (ENCs) direct to desktop and web GIS, and similar applications, using an OGC-compliant WMS (Web Map Service).

The ENC Web Service is available as an online subscription, where the WMS software and ENC database are hosted by OceanWise, or as a managed system in a secure environment on customer premises. In either case, the solution is completely scalable with new users and ENCs able to be added at any time. ENCs are produced by different Hydrographic Offices and provide official worldwide coverage.

Offering total flexibility the ENC Web Service is a true innovation in the market:

The display in the form of layers means the WMS is fully configurable. It is possible to display all or only some layers and to switch seamlessly between different ENC scale or use bands.

Official IHO (S-52 compliant) symbology is used as standard or this can be tailored to the end user.

Operates directly from ENC vector data, not prepared image tiles, thereby providing high image quality regardless of the display scale and allowing querying of objects via the WMS protocol.

Additional business layers can be integrated to the ENC WMS Service or the technology can be integrated into an existing web service setup to provide a complete marine mapping solution.

Built on the advanced technologies, the WMS Service offers exceptional performance with speed of display and rendering especially noteworthy.

<https://www.hydro-international.com/content/article/enc-web-service>
