



## EDITION OF S-57 ENC'S

This service is provided to harbours or hydrographic offices requesting the creation of their own **Harbour ENCs (electronic navigational chart)**. These ENCs are more precise than the ENCs produced by hydrographic offices since they cover the smaller areas of the concerned harbours and follow a different **Navigational Purpose**. Their purpose is to answer the **needs of harbour** workers, such as pilots.

**GEOMOD** performs this service using their internal tool **PortSide**. The ENC are produced in accordance with IHO (International Hydrographic Organization) standard **S-57**.

**PortSide** was created using GEOMOD's expertise in **cartography** and **hydrography**, and their knowledge in **IHO/IMO standards**.

The ENC creation service is organized as follows:

- Initialisation of new ENCs and edition of associated metadata
- Integration of existing harbour data in .SHP format
- Correction and validation of the topology «chain-node» required by the S-57
- Creation of real-world features (Buoys, beacons, docks...)
- Specify these features using the requirements of S-57 standard
- Visualize these data using the S-52 IHO standard
- Export data in S-57 (.000) or .XML format

Port du Havre (GPMH) - Géoportail



ENC du port Havre (GPMH) - Geomod

