



IHM MARINE SPATIAL DATA INFRASTRUCTURE



Instituto Hidrográfico de la Marina's Marine Spatial Data Infrastructure



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Why an SDI with nautical information at IHM?

To respond to requirements or recommendations
arising from:

- European Directives
- IHO MSDI recommendations
- Nautical information requests by the public



INSPIRE and RE-USE requirements



INSPIRE (Infrastructure for Spatial Information in Europe)
Directive 2007/2/CE



Directive 2003/98/CE on the re-use of public sector information



INSPIRE - transposition in Spain: IDEE

www.idee.es

The screenshot shows the Geoportal IDEE homepage. At the top, there's a banner with the text "Consejo Superior Geográfico" and "Infraestructura de Datos Espaciales de España". Below the banner, there's a navigation bar with tabs for "Home", "SDI world", "Inspire", "Web Services", and "Resources". The main content area features a large map of Spain with regions highlighted in blue. To the right of the map, there's a "Viewer" section with a thumbnail of a map on a computer screen. Below the map, there's a "Data and services catalogue" section with a thumbnail of a computer screen showing a list of items. On the right side of the page, there's a sidebar with sections for "Highlight", "Current News", "Presentations", and "Participate". The "Highlight" section lists several news items with dates and titles. The "Current News" section includes links to a newsletter and a blog. The "Presentations" section lists working group meetings and conferences. The "Participate" section includes a "Suggestions" link. At the bottom of the page, there's a taskbar with various icons.

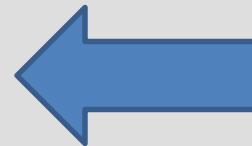
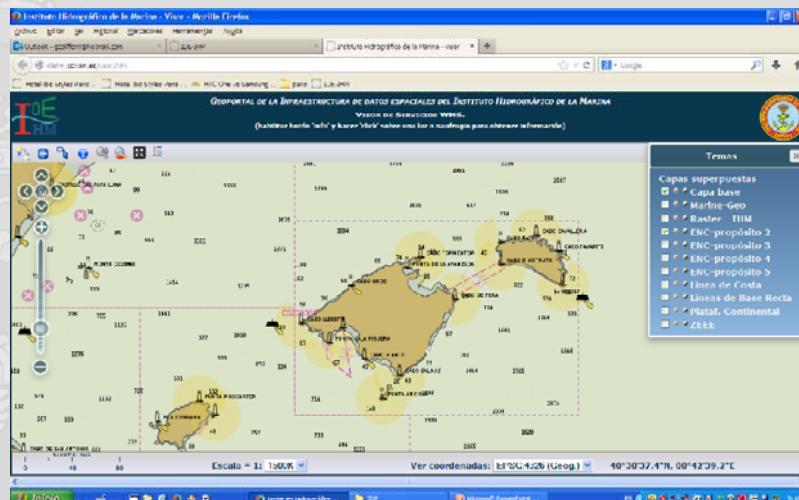


Services that will be provided by the IHM SDI

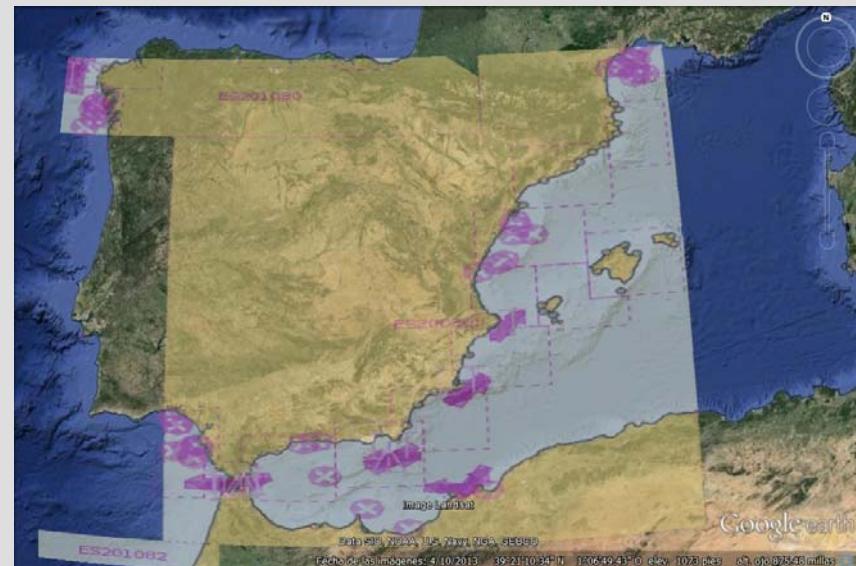
- Web Map Services (WMS):
 - Electronic Navigational Charts (ENC) purposes 2, 3 , 4, and 5.
 - Spanish coastline (scale 1:50,000).
 - Baselines (from which maritime boundaries are defined).
 - Maritime boundaries.
- Still under construction:
 - WMS of ENC and Paper Charts Schemes.
 - WMS of Paper Charts in raster format.
 - Web Feature Service (WFS) allowing download of coastline and maritime boundaries in vector format.



How will these services be available?



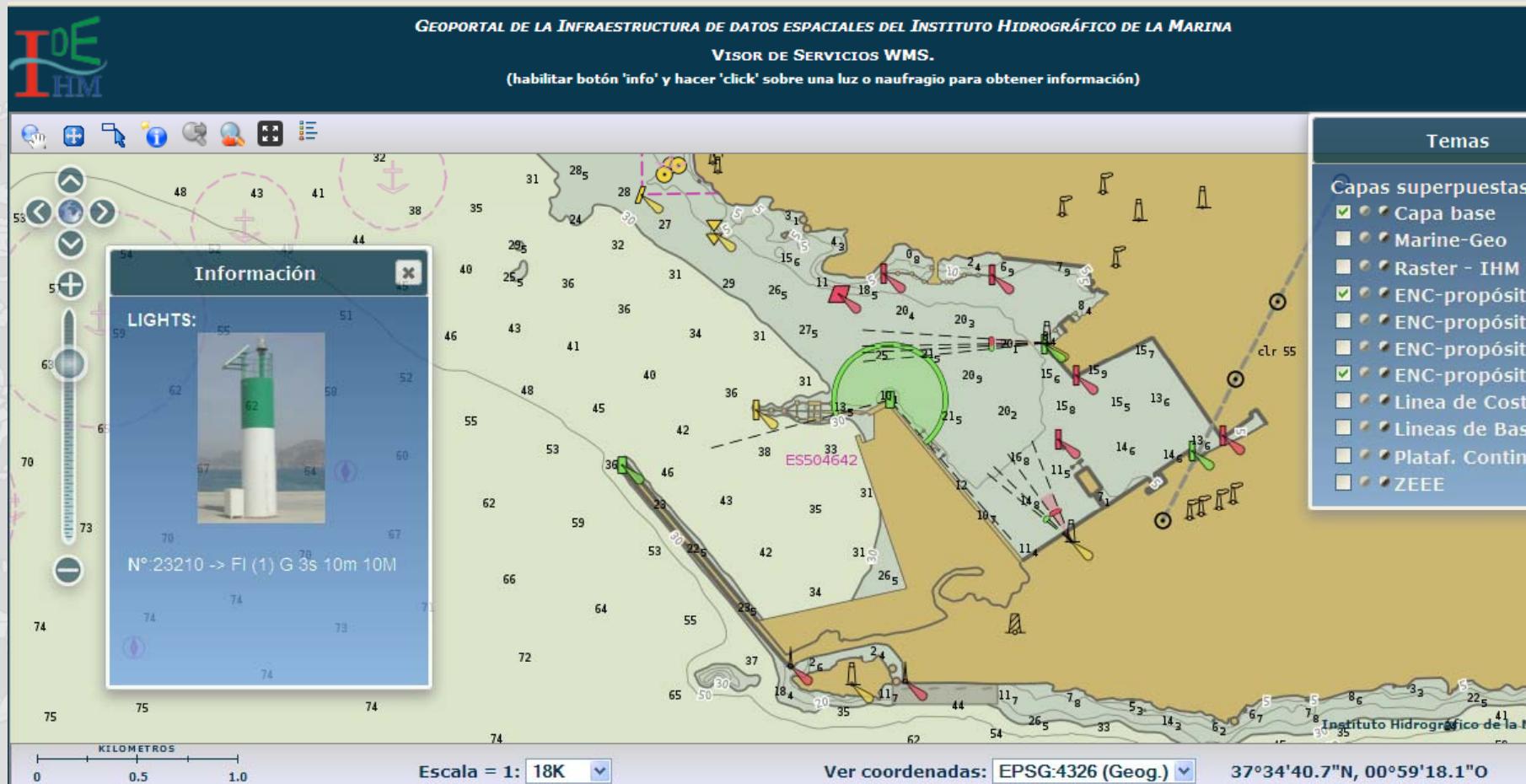
**WMS
in an internet browser
viewer within a
GEOPORTAL**



**WMS
Combined with other layers
within a GIS application
(e.g. google-earth)**



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Thank you

