



# Spanish Navy Hydrographic Office



## National Report MSDIWG-14





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## **Redesigned interface, IdeIHM Portal**

- Viewer, lighthouses and foghorn plugin.
- Metadata Catalogue (CSW).

## **New Web Services.**

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- Hydrographic Vertical Reference Surface (WMS/WCS).

## **InfoMAR.**



# IdeIHM Portal



Redesigned Interface: <https://ideihm.covam.es/portal>

Infraestructura de Datos Espaciales  
Instituto Hidrográfico de la Marina

ARMADA IHM

Search on catalog

PRESENTATION SDI INSPIRE WEB SERVICES VIEWER LICENSES LEGISLATION METADATA CONTACT US

### Know the project

The Instituto Hidrográfico de la Marina (IHM), joins the already existing organizations that offer their geographic data to the public under the Infrastructure of Spain (IDEE) based on the Law 14/2010 on Geographic Infrastructures and Services in Spain (LISIGE) which was born from the transposition of the European Directive 2007/2/EC (INSPIRE).

[More info](#)

### Search engine for geographic data and services

Search on catalog

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# IdeIHM Portal



## Lighthouses and foghorn Plugin and Viewer <https://ideihm.covam.es/visualizador>

Headlights and Fog Signals Searcher

Search criteria (on view extent):

Name, location or maritime signal

Set Chart number

Restricted results to view extent

National Number	Name	Search	Latitude	Longitude	Period Appearance	Range miles
10110	BAHÍA DE CÁDIZ	-Boya Bajo El Quemado	36 35 990 N 6 23 870 W		Fl(2)R 9s	7M
10120	BAHÍA DE CÁDIZ	-Boya Bajo Los Cabezuelas	36 35 209 N 6 19 957 W		Fl(4)R 10s	7M
10120-a	BAHÍA DE CÁDIZ	-Boya ODAS	36 36 050 N 6 19 820 W		Fl(5)Y 20s	3M
10130	BAHÍA DE CÁDIZ	-Puerto de ROTA	36 36 159 N 6 20 820 W		AeroAIFWG 9s	17M
10140	BAHÍA DE CÁDIZ	-Puerto de ROTA	36 36 951 N 6 21 434 W		OcW 4s	13M
10145	BAHÍA DE CÁDIZ	-Puerto de ROTA	36 36 854 N 6 21 041 W		Fl(3)R 10s	3M
10149	BAHÍA DE CÁDIZ	-Puerto de ROTA	36 36 906 N 6 21 099 W		Q(6)G 12s	3M
10160	BAHÍA DE CÁDIZ	-Base Naval de ROTA	36 37 546 N 6 19 735 W		QW 1s	9M
10161	BAHÍA DE CÁDIZ	-Base Naval de ROTA	36 37 683 N 6 19 820 W		Q(2)W 1s	11.4M

10250 BAHÍA DE CÁDIZ

-Castillo San Sebastian

36 31.699 N

6 18.958 W

Visible en cartas: 4430,443A,443B,443

Fl(2)W 10s / Alcance Millas: 25M



# IdeIHM Portal



## Lighthouses and foghorn Plugin and Viewer <https://ideihm.covam.es/visualizador>

The screenshot displays the IdeIHM Portal interface. A search plugin titled "Headlights and Fog Signals Searcher" is open, showing a list of search results for lighthouses and fog signals in the Cádiz area. The search criteria include "Name, location or maritime signal" and "Set Chart number". The results table is as follows:

National Number	Name	Search	Latitude	Longitude	Period Appearance	Range miles
10110	BAHÍA DE CÁDIZ	-Boya Bajo El Quemado	36 35 990 N 6 23 870 W	FI(2)R 9s	7M	
10120	BAHÍA DE CÁDIZ	-Boya Bajo Los Cabezuelas	36 35 209 N 6 19 957 W	FI(4)R 10s	7M	
10120-a	BAHÍA DE CÁDIZ	-Boya ODAS	36 36 050 N 6 19 820 W	FI(S)Y 20s	3M	
10130	BAHÍA DE CÁDIZ	-Puerto de ROTA	36 36 159 N 6 20 820 W	AeroAIFWG 9s	17M	
10140	BAHÍA DE CÁDIZ	-Puerto de ROTA	36 36 951 N 6 21 434 W	OcW 4s	13M	
10145	BAHÍA DE CÁDIZ	-Puerto de ROTA	36 36 854 N 6 21 041 W	FI(3)R 10s	3M	
10149	BAHÍA DE CÁDIZ	-Puerto de ROTA	36 36 906 N 6 21 099 W	Q(6)G 12s	3M	
10160	BAHÍA DE CÁDIZ	-Base Naval de ROTA	36 37 546 N 6 19 735 W	QW 1s	9M	
10161	BAHÍA DE CÁDIZ	-Base Naval de ROTA	36 37 683 N 6 19 820 W	QW 3s	11.4	

A detailed view of the 10250 BAHÍA DE CÁDIZ lighthouse is shown, including its name, coordinates (36 31.699 N, 6 18.958 W), visibility in charts (4430, 443A, 443B, 443), and range (FI(2)W 10s / Alcance Millas: 25M). The map also shows various maritime features like "ZONA RESIDENCIAL", "EL PUERTO DE SANTA MARÍA", "PUERTO SHERRY", "PUERTO REAL", "ARRECIPE DE LOS HIJARES", "CASERÍA DE OSSIO", and "SAN FERNANDO".



# IdeIHM Portal



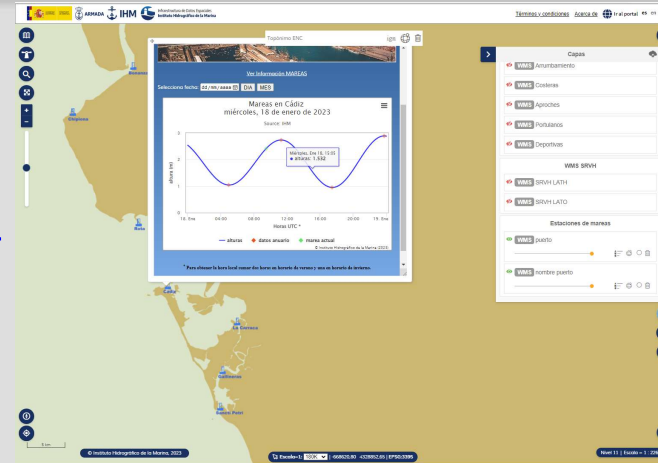
## Metadata Catalogue

<https://ideihm.covam.es/catalogo/srv/eng/catalog.search#/home>



Tidal Stations (Tide estimation)

WMS: <https://ideihm.covam.es/wms/mareas>

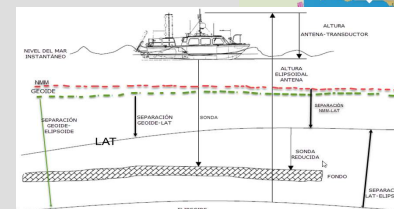
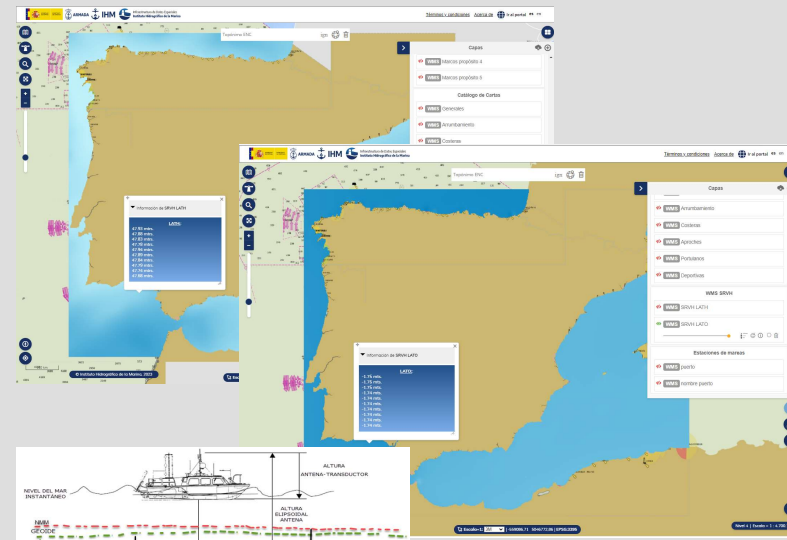


Hydrographic Vertical Reference Surface

WMS: <https://ideihm.covam.es/wms/srvh>

Raster Download:

WCS: <https://ideihm.covam.es/wcs/srvh>





# InfoMAR

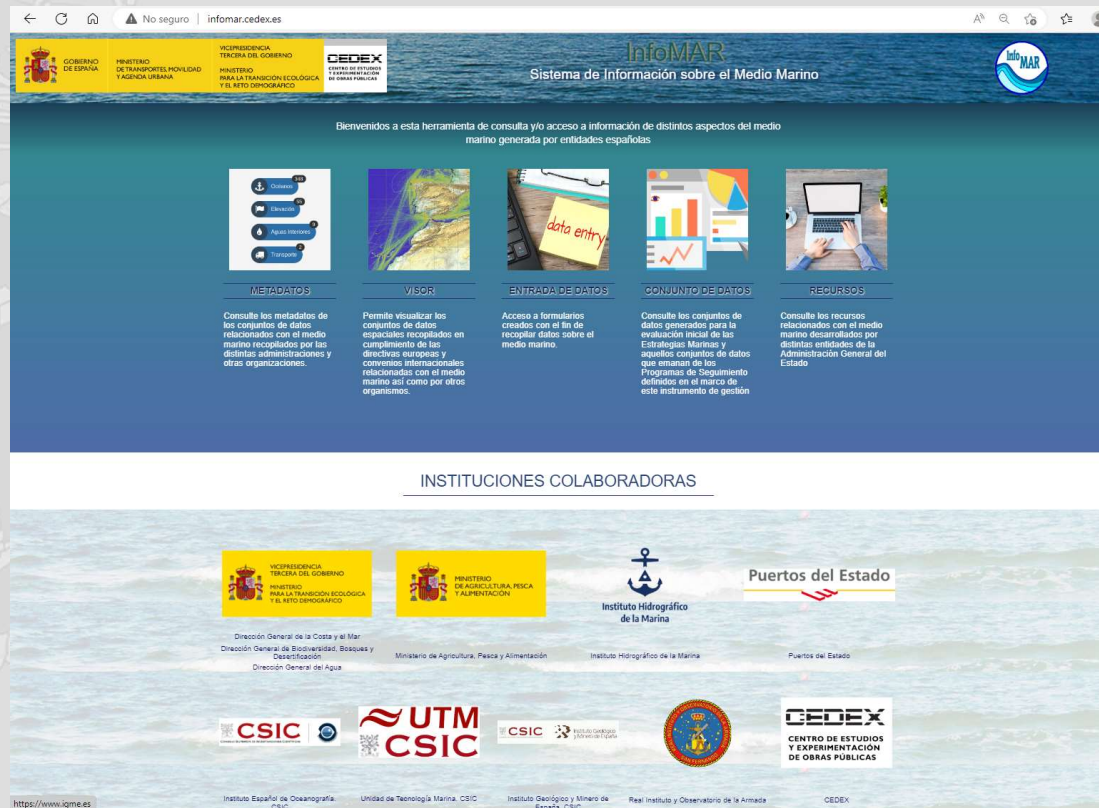
## Marine Environment Information System



Created by National Public Services

[INFOMAR – MITERD, CEDEX \(miteco.es\)](http://infomar.cedex.es/)

<http://infomar.cedex.es/>



- METADATA
- VIEWER
- DATA INPUT
- DATA BUNDLE
- RESOURCES