

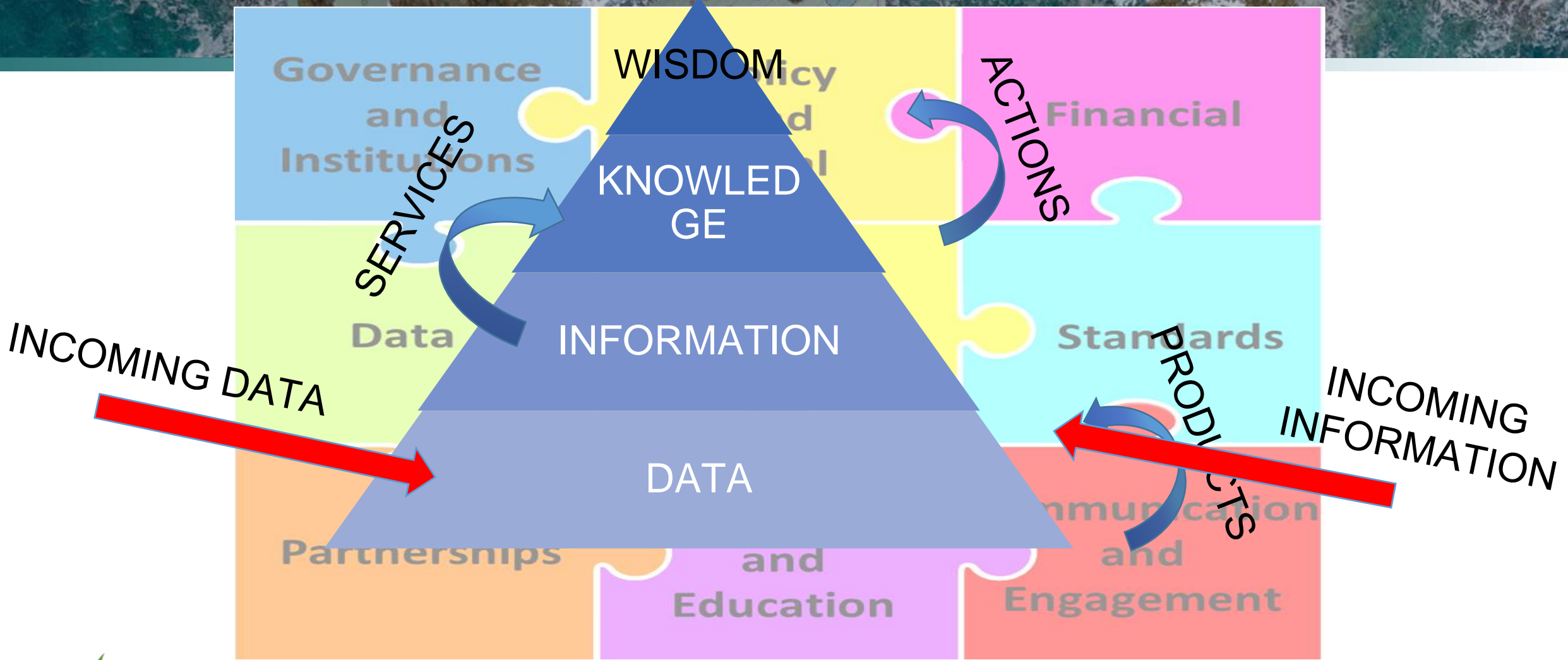
14th MEETING OF THE IHO MARINE SPATIAL DATA INFRASTRUCTURES WORKING GROUP



MSDI National Presentation_ITALY Exchange of data and information

Captain Nicola Pizzeghello
Italian Hydrographic Institute
Head of Survey and Production Department

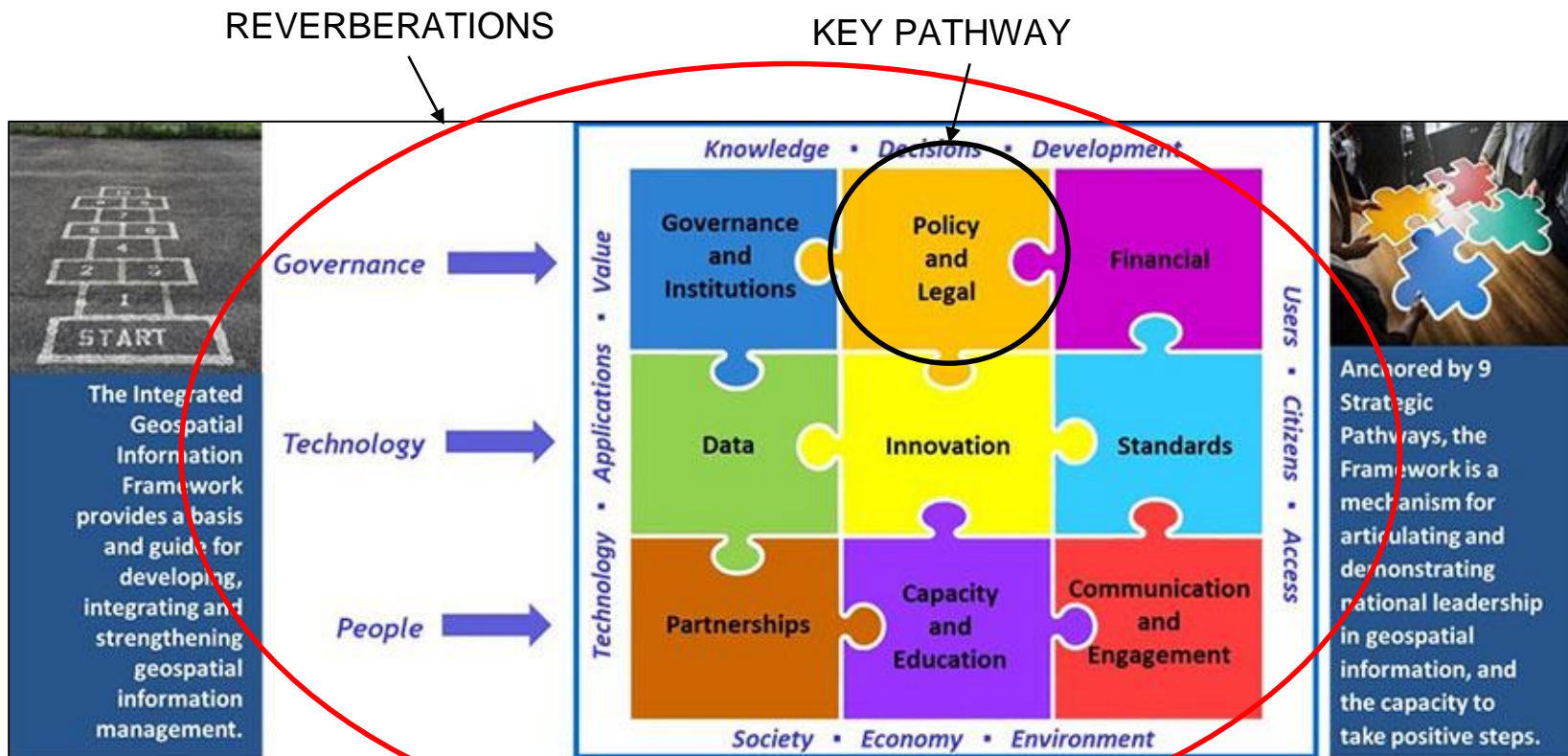




INCOMING DATA



NATIONAL
HYDROGRAPHIC
STANDARD



INCOMING INFORMATION

Pilot Study 2: Improving the cycle management of information necessary for the update of cartography to ensure safety to marine users (Italy)

interreg Mediterranean MED OSMOSIS

The second pilot study is being performed by the Italian project partner - Abruzzo Region in collaboration with its technical partner, the Hydrographic Institute of the Italian Navy. The pilot study covers the entire Mediterranean Sea area and consists of two main activities:

Sharing Maps
The pilot action intends to create an e-mapping platform that can make the maps produced by the Hydrographic Institute of the Italian Navy available for use and consultation. The platform will share and provide data to public administrations, authorities and institutions even if they do not have an ECDIS (Electronic Chart Display and Information System) or a similar system via WebGIS. The platform will ensure the integrity of the data produced in IHO S57/S63 format and the reproduction of all the elements integrated in the map databases.

Conveying the variants/updates to the Nautical Chart
This pilot action mainly aims to provide the Corps of the Port Captaincies and seafarers with a service that allows them for nautical chart visualization via a WebGIS Application. In addition, it will enable to send communications to the Hydrographic Institute of the Italian Navy (concerning Italy) by means of a mapping toolkit and pre-formatted communication forms, and to assess their completeness, correctness and consistency with international and national regulations. The platform shall guarantee integrity and safety of the relevant data concerning the e-maps also in this respect.

Partner responsible for the pilot study:

Project duration: 32 months (01.11.2019 - 30.06.2022)
Project financing: Total project budget: 3,000,000.00 € (EU) funding: 2,000,000.00 € (IPA) funding: 1,000,000.00 €
For additional information visit: <https://med-osmosis.interreg-med.eu/>
Follow us on social media: <https://twitter.com/MedOsmosis>

interreg Mediterranean MED OSMOSIS

Project UP

The UP project, developed in collaboration with the Abruzzo Region within the MedOsmosis project, allows, only for authorised users, to access the official cartography published by IIM and to be able to report the changes to the Nautical Documentation in order to maintain the whole portfolio updated to the real situation.

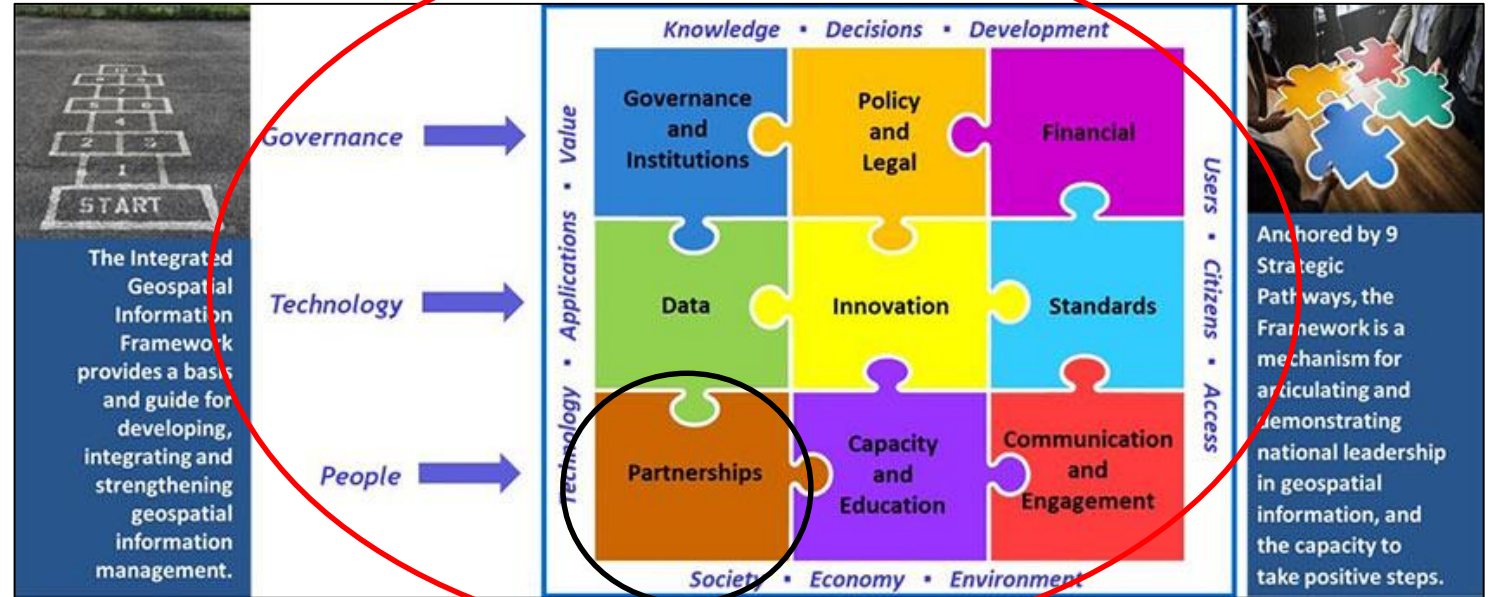
Direct access to [IHO charts by PA users](#)

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INFO

WEB INTERFACE

REVERBERATIONS

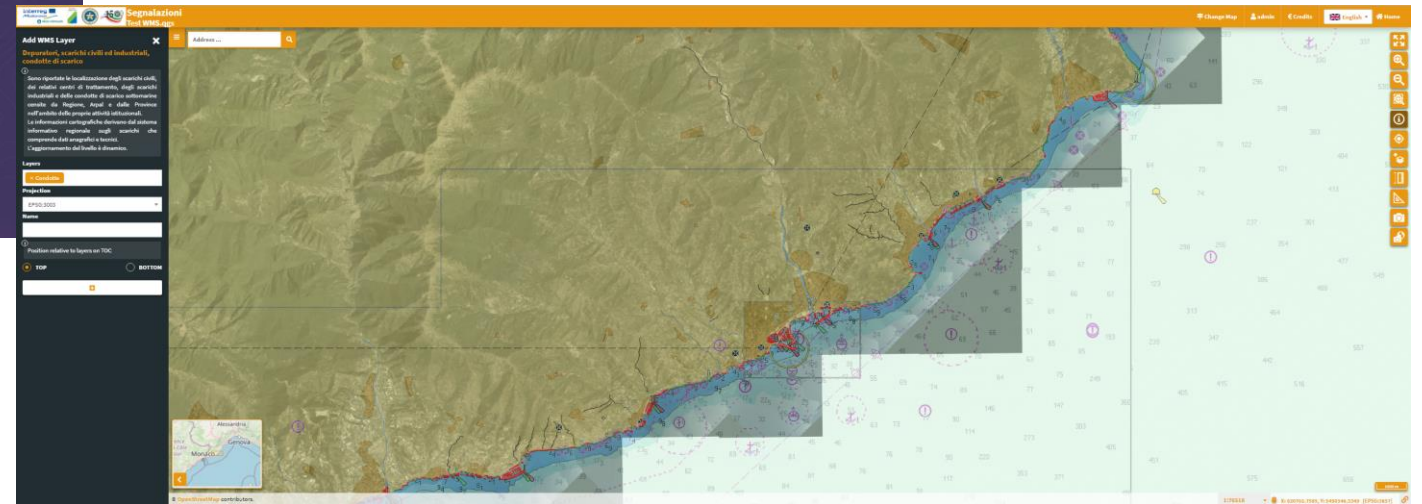


INCOMING INFORMATION

Project UP

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Direct access to [ENC charts for PA users](#).



INCOMING INFORMATION

Signals Dashboard

Buoy fields 0 Signals	Platforms 0 Signals	Wells 0 Signals	Light and sound signals 0 Signals
Cables 0 Signals	Pipelines 1 Signals	Obstacles 0 Signals	Wrecks 0 Signals
Marine farms 0 Signals	Port works 0 Signals	Dredging and excavations 0 Signals	Planimetries 0 Signals
Aereo generators 0 Signals	Navigational warning 0 Signals	Perimeter 1 Signals	Linear Perimeter 0 Signals
Punctual Perimeter 0 Signals	TEST 0 Signals	Surveys 0 Signals	

Editing attributes Lights

Form Info * Position * **Signal *** Competences Attachments

Type of light * Other type of light ⓘ

Mandatory Field or wrong data type (integer)

Character of light ⓘ Colour of light

Phase ⓘ Rhythm

[MIN: 0 - MAX: 60]

Range ⓘ Elevation of light ⓘ

[MIN: 0 - MAX: 50] [MIN: 0 - MAX: 250]

Visibility ⓘ Topmark

 0

Radar reflector

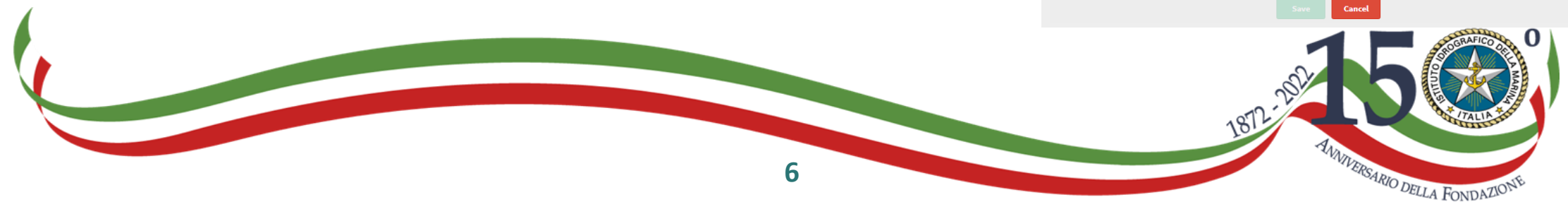
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Note (sector, phase) ⓘ Structure

Colour of the structure Elevation of structure ⓘ

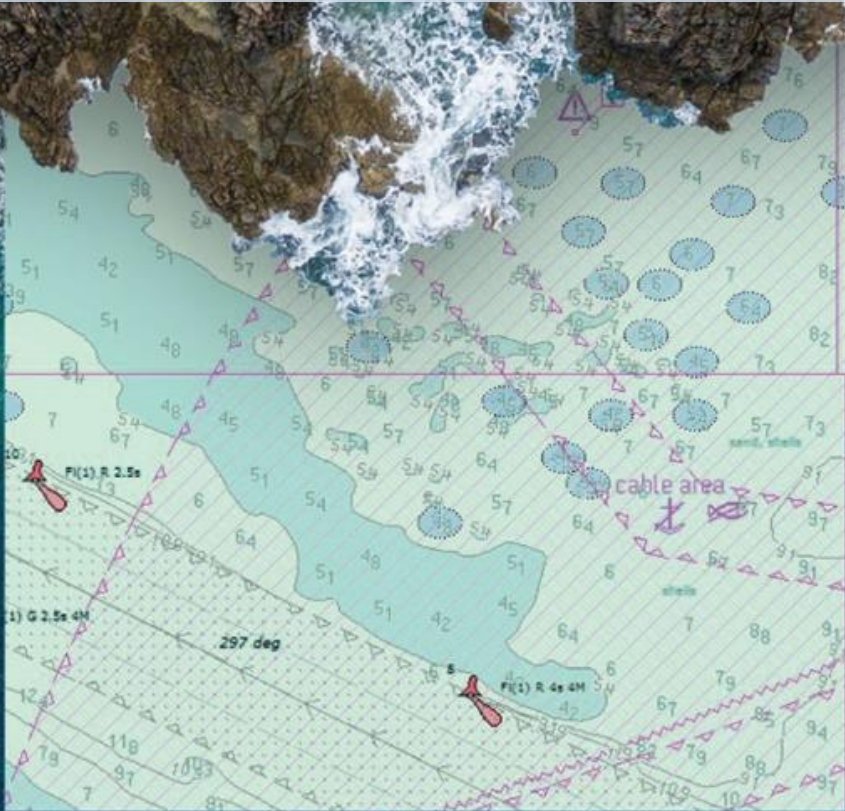
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* Required fields





MARINA
MILITARE



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Hydrographic
information driving
marine knowledge



Genova, 30th January 2023