

# UN-GGIM WGMGI1: S-121

Update from Project Team



## S-121: Origin (2004)

# UN General Assembly Resolution A/RES/59/24

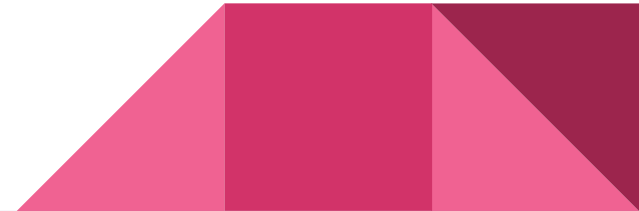
Requests the Secretary-General to improve the existing Geographic Information System for the deposit by States of charts and geographical coordinates concerning maritime zones, including lines of delimitation, submitted in compliance with the Convention, and to give due publicity thereto, in particular by implementing, in cooperation with relevant international organizations, such as the International Hydrographic Organization, the technical standards for the collection, storage and dissemination of the information deposited, in order to ensure compatibility among the Geographic Information System, electronic nautical charts and other systems developed by these organizations;



## S-121: Origin (2015)

### SDG Target 14.C.1

Number of countries making progress in ratifying, accepting and implementing through legal, policy and institutional frameworks, ocean-related instruments that implement international law, as reflected in the United Nation Convention on the Law of the Sea, for the conservation and sustainable use of the oceans and their resources



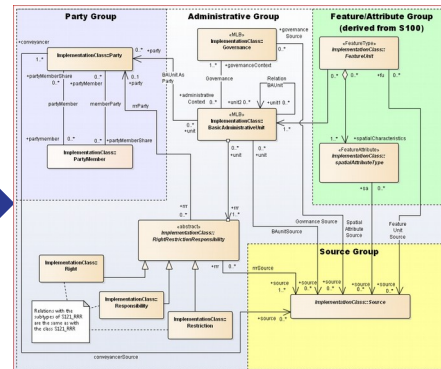
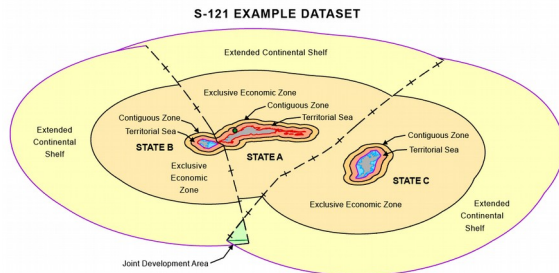
# S-121: Project Team Achievements

## Data model

- Simple and yet flexible
- Integrating S-100 and ISO 19152
- Leveraging S-100 object oriented capacities
- Inline with IHO vision
- Interoperable with land domain

## Product specification

- Human & Computer readable.
- Exchange format meets the need for MLBs deposit to DOALOS
- Layer compatible with AML to overlay S-101 charts
- GML/KML to support due publicity



ENC



GML



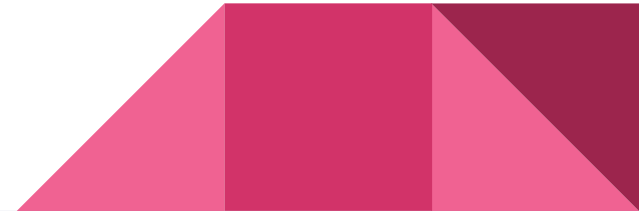
Text

# S-121: Project Team Achievements

Seven meetings (face to face meetings 2016 & 2017 & 2018)

Wiki website [www.S-121.com](http://www.S-121.com) established

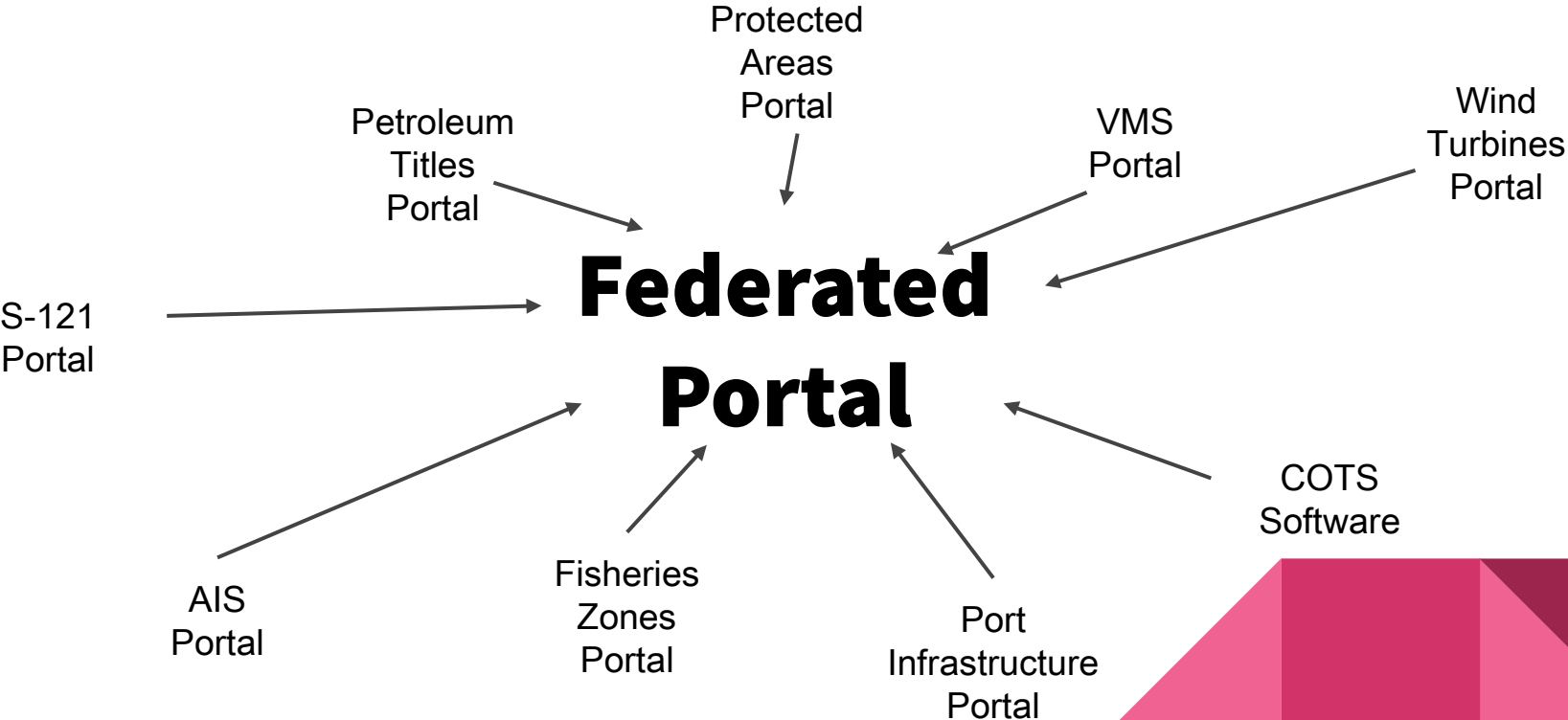
Good progress made in producing version 1.0 of the product specification



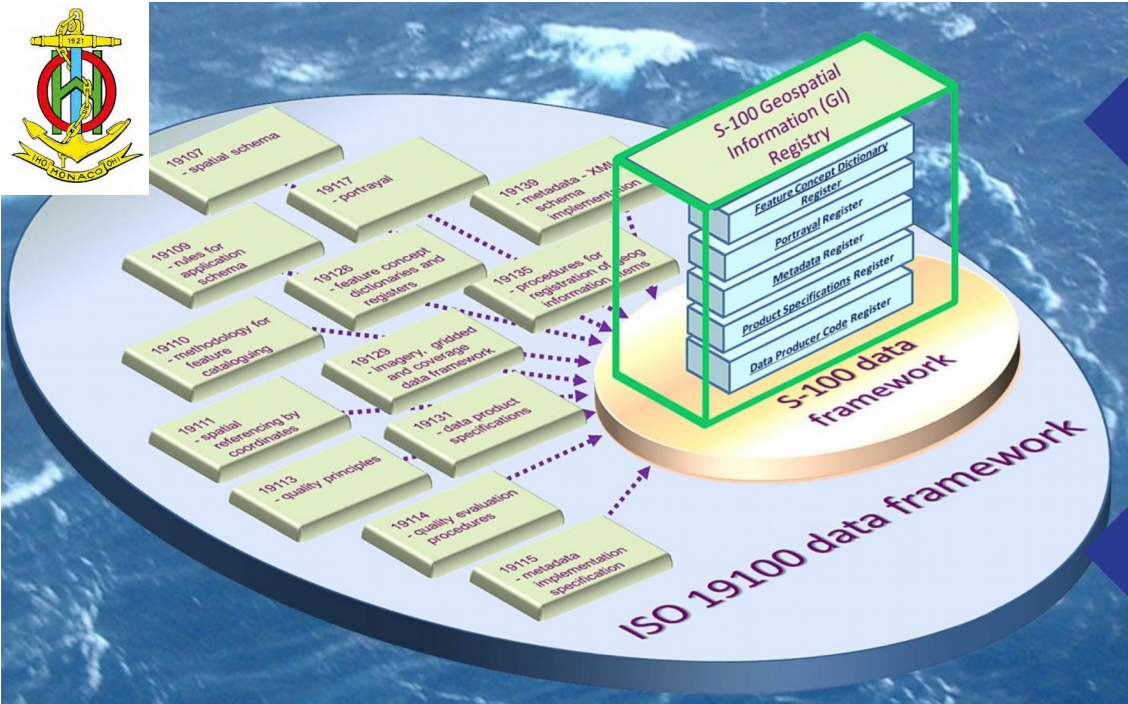
# S-121: Contributing to MSDI



# S-121: A Data Portal Ready for Federation



# S-121 Standard: ISO, IHO, OGC





# S-121: Implementation of the Standard

<https://www.opengeospatial.org/projects/initiatives/mlbp>



[About](#) ▾ [Standards](#) ▾ [Innovation](#) ▾ [News & Events](#) ▾ [Membership](#) ▾ [Resources](#) ▾

## Maritime Limits and Boundaries Pilot

**Call For Participation is now open. Due March 19 2019.**

- [Call for Participation in English](#)
- [Call for Participation in French](#)

**Register for the webinar on, Mar 12, 2019 11:00 AM - 12:00 PM EDT**

Our planet's oceans are subdivided by international and national laws into many areas and zones. Specific rights, restrictions and responsibilities apply within each of these areas and zones aimed at facilitating the development of the world's ocean resources while providing for the protection of the marine environment and safety of navigation.

Geoscience  
Australia

Canadian  
Hydrographic  
Service

Natural Resources  
Canada

United Kingdom  
Hydrographic Office