



# IHO S-121 PRODUCT SPECIFICATION

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# Introduction

International  
Hydrographic  
Organization

- Development of S-121 has its origins in the United Nations annual General Assembly resolution on the Oceans and Law of the Sea paragraph 6 initiated in 2004 A/RES/59/24 and renewed annually where the General assembly

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;



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# S-121 PROJECT TEAM

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## Objective

To develop **the S-121 Maritime Limits and Boundaries Product Specification**. The product specification should take into account the following:

- Defining a proposed data model
- Create an S-100 conformant product specification for Maritime Limits and Boundaries to support Law of the Sea Submissions.
- Determine if S-100 needs to be extended to support Law of the Sea issues.

Development of the standard proceeded between 2016 and 2019, when Edition 1.0.0 of S-121PS was adopted for implementation and testing purposes only.

[Published Oct 2019 Edition 1.0.0](#) (IHO GI Registry)



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# S-121 PS EDITION 1.0.0

International Hydrographic Organization

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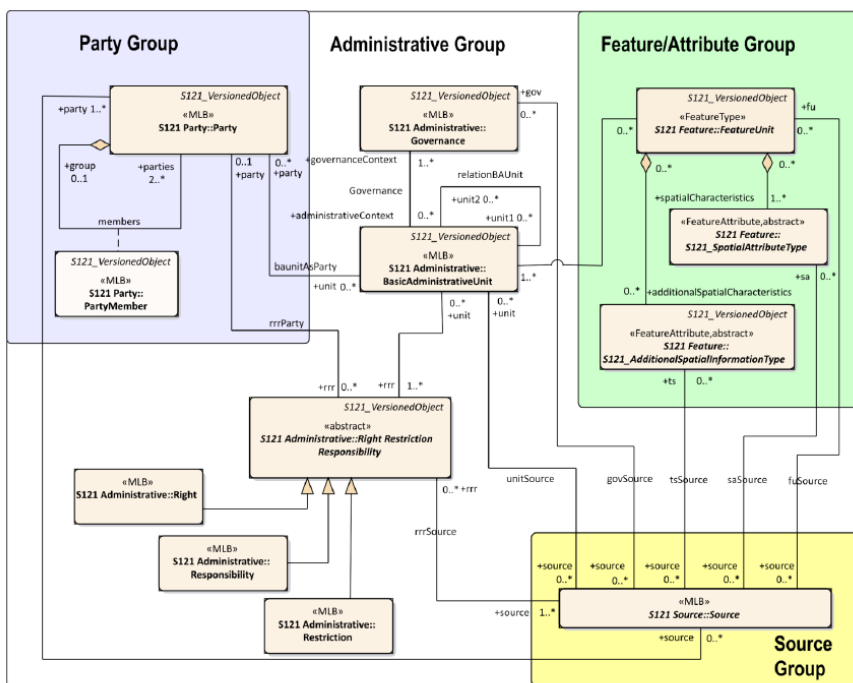
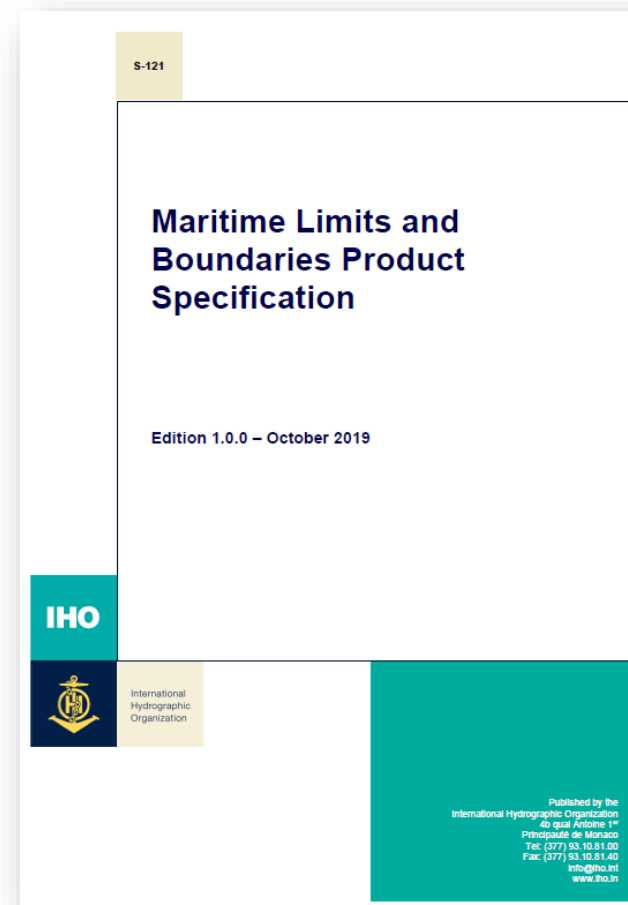


Figure B-1 – Application Schema Model





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# S-121 PS EDITION 2.0.0 PLAN

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- Plan to upgrade the S-121PS Ed.2.0.0 to the latest S-100 Edition 5.2.1.
  - Edition 1.0.0 of S-121 is compliant with S-100 Ed.4.0.0



# Thank You

Yong BAEK