

International Hydrographic Organization (IHO)

is an intergovernmental organization established in 1921 to support safety of navigation and the protection of the marine environment.

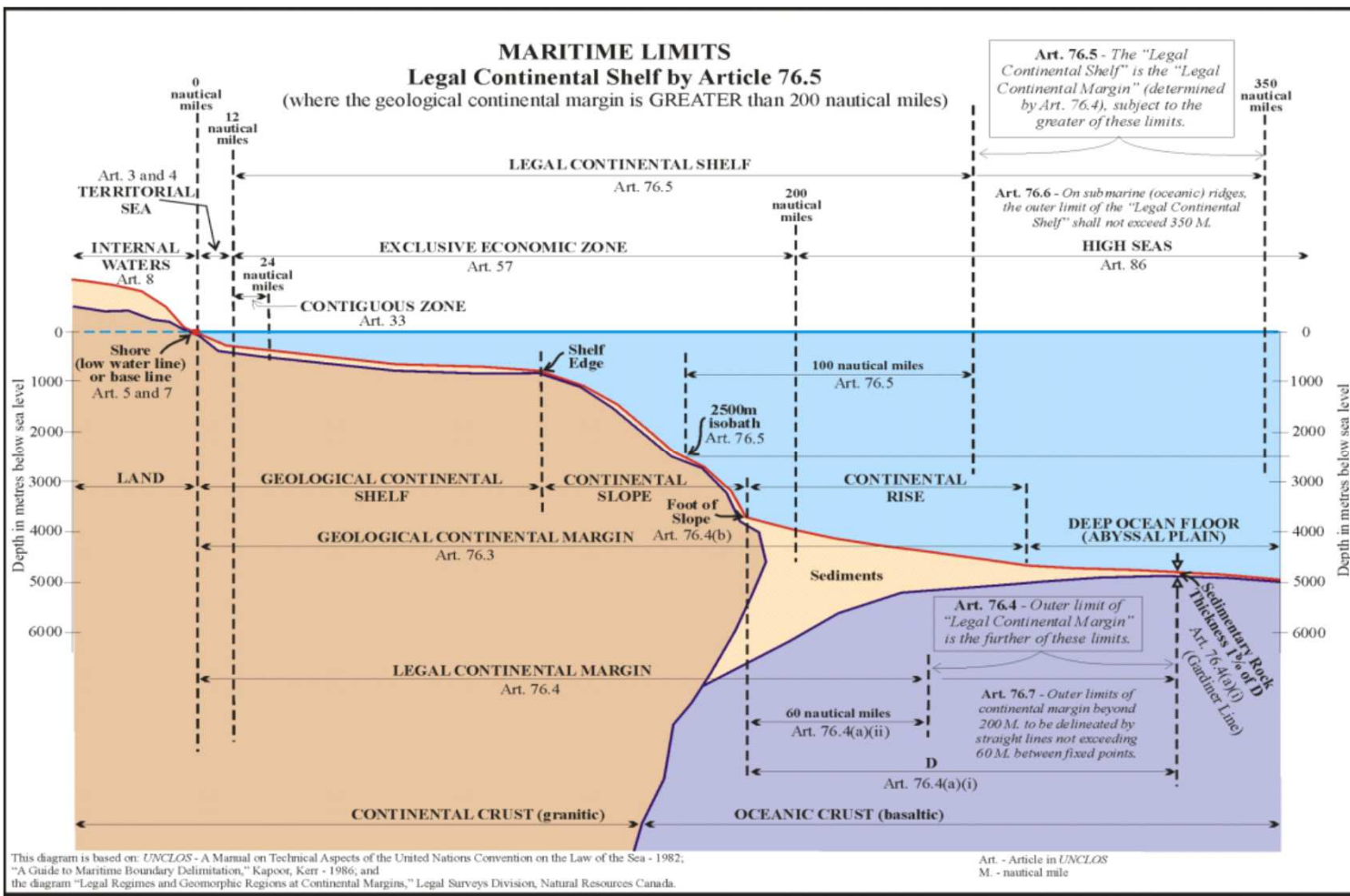
The IHO S-100 standard supports many marine related application areas including **Maritime Limits and Boundaries (S-121)** which is being developed in close cooperation with the UN Division for Ocean Affairs and the Law of the Sea (**UN DOALOS**).

The S-121 standard is based on the **IHO S-100 Universal Hydrographic Model** standard and the **ISO 19152 Land Administrative Domain Model (LADM)**

As defined in the **United Nations Convention on the Law Of the Sea (UNCLOS)**, Maritime Limits and Boundaries are used to define a set of zones used to establish jurisdiction and management of the sea.

The management of these zones is of high international importance and are primarily legal in nature.

There is a diversity in how nations define their boundaries which must be accommodated.



S-121 uses the **IHO defined geometry structure**.

The IHO S-121 Project Team would like to cooperate on how to practically use the ISO 19152

- Rights
- Restrictions
- Responsibilities

The primary objects in S-121 are zones, which is different that the use in a Cadaster, so the relation between RRR and BAUnits needs to be many to many.

There is a need for a clarification on how to implement datum, transformation, and source datum.



Thank you

IHO – <http://www.iho.int>