

## **Draft Proposal on the Measurement of the Definition of *Hydrographic Interests* Submitted by Uruguay**

The proposal considers national flag tonnage and national seaborne trade to define the “DEMAND” for hydrography from the maritime community and includes parameters related to the “OFFER” of hydrography by Hydrographic Offices, using nautical chart production, safety information and surveying capabilities.

### **Measurement of the “DEMAND” for Hydrography**

The “DEMAND” for Hydrography part of the definition of *Hydrographic Interests* will use as parameters the national flag tonnage and the volume of shipborne trade of a Member State. The table of national flag tonnages is derived in accordance with the procedures set forth in Articles 5 and 6 of the Financial Regulations. The volume of seaborne trade in millions of US dollars can be obtained from United Nations Conference on Trade and Development statistics (UNCTDstat - <https://unctadstat.unctad.org/EN/> > COUNTRY PROFILES > MARITIME PROFILE) as Merchandise Trade and it is updated twice a year (Statistics@unctad.org).

For the “DEMAND” for Hydrography two ratios are defined, as follows:

- The “Tonnage ratio” will be equal to the national flag tonnage of a Member State divided by the greatest national flag tonnage among Member States.
- The “Trade ratio” will be equal to the volume of seaborne trade of a Member State divided by the largest volume of seaborne trade among Member States.

So, the measurement of the “DEMAND” for Hydrography will be the sum of the “Tonnage ratio” with the “Trade ratio”.

### **Measurement of the “OFFER” of Hydrography**

The “OFFER” of Hydrography part of the definition of *Hydrographic Interests* will use as parameters the total area covered by ENC Usage Bands 2, 3, 4 and 5 issued by a Member State and the values for the Capacity Building Phases of Development of Hydrographic Surveying and Nautical Charting Capability (Phases 1, 2 and 3) assessments of a Member State. The total area in km<sup>2</sup> covered by ENCs (or sum of the areas of the ENCs) Usage Bands 2, 3, 4 and 5 issued by a Member State can easily be calculated by IHO or by each Member State. The ENCs in IHO Charting Region M (Antarctic waters) are not considered. The values for the Capacity Building Phases 1, 2 and 3 assessments of a Member State are already defined by IHO and obtained with the RHCs. The Capacity Building Phase 1 seeks the collection and circulation of nautical information, necessary to maintain existing charts and publications up to date. The Capacity Building Phase 2 seeks the creation of a surveying capability to conduct coastal projects and offshore projects. The Capacity Building Phase 3 seeks the production of paper charts, ENCs and publications independently.

The assessments and corresponding values for each Capacity Building Phase (1, 2 and 3) are listed below:

<b>Value</b>	<b>Assessment</b>
1	The country is aware of its national obligations but does not have the means to do it
2	The country has the ability to fulfil national obligations
3	The country fulfils its national obligations through a third party
4	The country fulfils its national obligations in a sustainable manner

For the “OFFER” of Hydrography two ratios are defined, as follows:

- The “ENC ratio” will be equal to the total area covered by ENC’s of a Member State divided by the largest total area covered by ENC’s among Member States.

- The “Capacity Building ratio” will be equal to the products between the assessment values for the Capacity Building Phases 1, 2 and 3 of a Member State divided by 64. It is divided by 64 to normalize this expression, since the maximum value for each assessment is 4 (4 plus 4 plus 4 is equal to 64).

So, the measurement of the “OFFER” of Hydrography will be the sum of the “ENC ratio” with the “Capacity Building ratio”.

### **Measurement of the definition of *Hydrographic Interests***

Therefore, the measurement of the definition of *Hydrographic Interests* will be the sum of the measurement of the “DEMAND” for Hydrography with the measurement of the “OFFER” of Hydrography, in other words the sum of the “Tonnage ratio” with the “Trade ratio” with the “ENC ratio” with the “Capacity Building ratio”.

Finally, the remaining one-third of Council seats shall be held by Member States that have the higher values for the measurement of the definition of *Hydrographic Interests*.