

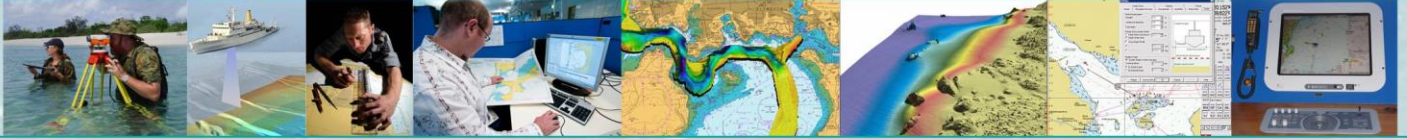
**30<sup>TH</sup> INTERNATIONAL CARTOGRAPHIC CONFERENCE**  
**Florence, Italy 14 - 18 December**

<b>Contribution to the IHO Work Programme 2021</b>	
Task 1.1.15.8	Attend the International Cartographic Conference and General Assembly
Task 1.1.15.9	Participate in the meeting of the Working Group on Marine Cartography of the International Cartographic Association (ICA)
Task 1.1.15.10	Participate in the meeting of the Commission on SDI and Standards of the International Cartographic Association (ICA)

The International Cartographic Association (ICA) held its 30<sup>th</sup> Conference (ICC 2021) at the School of Humanities of the University of Florence, Italy, from 14 to 18 December. About 260 delegates from 60 countries attended the conference in person and online. Director Abri Kampfer and Assistant Director Leonel Manteigas represented the IHO with the objective to strengthen the cooperation with this Association that has several objectives in common with the IHO.

The International Cartographic Association (ICA) was established in 1959 to promote the disciplines and professions of Cartography and Geographic Information Science (GISc) in an international context. The IHO has cooperated with the ICA for a long time, notably through the ICA Commission on Oceanic Cartography which was replaced in 1980 with a Commission on Marine Cartography. A Memorandum of Understanding (MoU) between the IHO and the ICA was established in 2003 and revised in 2012 to provide a framework for continuing cooperation between the two organizations.

The Opening Ceremony took place on 14 December in the Salone del Cinquecento of Palazzo Vecchio. ICA President Tim Trainor invited IHO Director Abri Kampfer to address the conference. Director Kampfer thanked the ICA President for the invitation, stressed some common objectives and the long and important collaboration between both organizations, enhancing the Marine Cartography Commission and the fact that both institutions contribute with Members to the FIG/IHO/ICA International Advisory Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers (IBSC). He mentioned the richness of the Conference programme and congratulated the organizing committee on their efforts to organize such an important event in the beautiful city of Florence under difficult conditions.

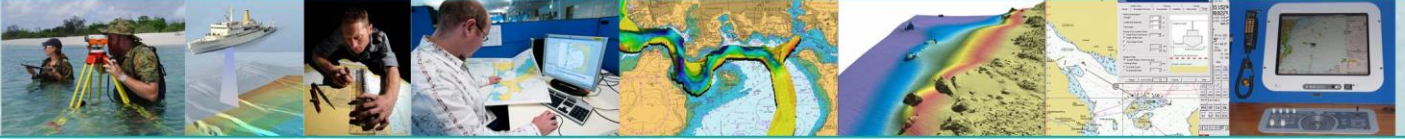


*IHO Director Abri Kampfer addressing the Conference in the Opening Ceremony.*

The ICC 2021 consisted of the Conference, where numerous scientific papers on cartography-related matters were presented throughout the week in sessions running in parallel and a Cartographic Exhibition, where various maps and other cartographic products from ICA member countries were presented with several examples of Nautical Charts. The documents of the Cartographic Exhibition in the Virtual Exhibition and the ones physically displayed can be seen on: <http://www.geografia-applicata.it/icc-2021-virtual-exhibition/>



*The IHO Delegation at the Cartographic Exhibition.*



Two meetings of the ICA Commission on SDI and Spatial Standards were held before and during the Conference where Assistant Director Manteigas participated as a member. He had the opportunity to describe some of the initiatives of the IHO MSDIWG such as the "Body of Knowledge" and the Portal of National SDI's that were received with a great interest by this Commission.

In the programme of the Conference there were also two sessions dedicated to the Marine Cartography organized by the ICA Commission on Marine Cartography that has as Chair and Vice-Chair respectively Mr. Ron Furness (Australia) and Professor Dr Lysandros Tsoulos (Greece), who are also the two ICA representatives on the IHO/FIG/ICA International Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers (IBSC). At the end of the first session there was a meeting of the Marine Cartography Commission to which the IHO delegation was invited. The meeting focused on the activities of the Commission and the need to recruit members that can eventually become members of the IBSC.

On 17 December the IHO Delegation was invited for a meeting with the ICA President Mr Tim Trainor, the ICA Secretary-General Mr Thomas Schulz, the ICA Vice-President Mr Andrés Arístengui and Professor Dr Lysandros Tsoulos. Several opportunities for improving future collaboration in different areas such as the Capacity Building, the Spatial Data Infrastructures, the IBSC and Cartographic Exhibitions were discussed.



*Dr Lysandros Tsoulos (Vice-Chair of the ICA Commission on Marine Cartography and Member of the IBSC), Leonel Manteigas (IHO Assistant Director), Abri Kampfer (IHO Director), Tim Trainor (ICA President), Thomas Schulz (ICA Secretary-General and Treasurer).*

The 31<sup>st</sup> International Cartographic Conference and 19<sup>th</sup> General Assembly is planned to be held on 13-18 August 2023 in Cape Town, South Africa.