



IHB File No. S1/5009

CIRCULAR LETTER 50/2005
13 May 2005

ICC 2005 – 22nd INTERNATIONAL CARTOGRAPHIC CONFERENCE
(La Coruña, Spain, 9-16 July 2005)

Nautical Chart Display by IHO Member States
Presentation of Papers by HOs' Representatives

Reference: IHB Circular Letter 76/2004 of 18 November 2004.

Dear Hydrographer,

Circular Letter 76/2004 provided information on the 22nd Conference of the International Cartographic Association (ICA), which will be held in La Coruña, Spain from 9 to 16 July 2005, and invited IHO Member States to propose papers for presentation at the Conference and participate in the IHO Chart Exhibition to be held alongside this event.

Nautical Chart Display by IHO Member States

1. The Bureau thanks the following IHO Member States who, in response to CL76/2004, have informed the IHB of their intention to participate in the IHO Chart Exhibition:

Australia, Cuba, France, Japan, Korea (Rep. of), Slovenia,
Spain, Ukraine and United Kingdom.

In addition, the IHB will mount a display illustrating IHO activities. Canada, India, Netherlands, Norway and Peru have indicated that they are unable to participate this time. As usual, the IHO exhibition is being organized as part of, but separate from, the ICA cartographic exhibition, to give more visibility to IHO products and achievements. We are pleased to report that the Spanish HO has kindly accepted to assist in the coordination and mounting of the IHO exhibition.

2. Items which will be displayed at the IHO Chart Exhibition are listed in **Annex A**. The IHB is grateful to all those HOs who will take part in the display. The ICA Conference is a major cartographic event and represents a unique opportunity to exhibit and demonstrate IHO Member States' chart production. Items to be exhibited should be sent to the following address as soon as possible:

Technical Secretary ICC 2005, La Coruña
Attn: Ms. Pilar Sánchez-Ortiz
IHO CHART EXHIBITION AT ICC 2005 (Name of Member State)
Global Congressos
Torreiro 13-15, 6D
15003 La Coruña
Spain

3. The IHB is of the opinion that the more IHO Member States who participate in this exhibition, the better the reputation of the IHO will be in the "outside" world. The IHB would therefore like to urge those HOs not listed above to consider participating in the IHO display at ICC 2005 and to send their items to the above address at their earliest convenience.

4. A jury composed of cartographic experts will be formed to examine the displays and select the best one. A prize will be presented to the winning HO at the XVIIth International Hydrographic Conference in May 2007. At the previous similar exhibition (ICC 2003, Durban, South Africa), the jury adjudicated that the best exhibitors were the South African and Ukrainian HOs, who received their prizes at the 3rd EIHC.

5. The IHB would like to record its appreciation of the Spanish HO's assistance to the IHB in organizing the IHO Chart Exhibition at ICC 2005.

Presentation of Papers by HOs' Representatives

6. Topic 13 "Marine Cartography, Navigation and Ocean Mapping" of ICC 2005 (re: Annex A to CL 76/2004) has attracted a significant number of presentations which will be given during oral and poster sessions. They have been summarized in **Annex B**. As you can see, the IHO will be well represented at ICC 2005 and the Bureau thanks those HOs who, through their participation, will contribute to making the work of the IHO better known. More information on ICC 2005 can be found at www.icc2005.org.

On behalf of the Directing Committee
Yours sincerely,



Captain Hugo GORZIGLIA
Director

Encl: Annexes A and B

Copied to:

- ICA President (Prof. Milan Konecny, Czech Republic)
- Chairman, ICA Commission on Marine Cartography (Mr. R. Furness, Australia)
- Local Organizing Committee for ICC 2005 (Mr. Ramon Lorenzo and Ms. Pilar Sánchez-Ortiz)

**DISPLAY MATERIAL BY IHO MEMBER STATES AT ICC 2005
(in response to CL 76/2004)**

AUSTRALIA (Contact: Mr. George Walker bob.walker@defence.gov.au)

- Australian Seafarers Handbook

CUBA

Total space required: 3.5 m²

- National Chart, Cuba, 1:1000 000, 2002
- National Chart, Cayo Rosario, 1:50 000, 2005
- National Chart, Accesos a Rio Las Casas, 1:150 000, 2005
- Marinas de Cuba, 1 :2 000 000, 2002
- Cuban Catalogue of Charts and Nautical Publications, 1:1 750 000, 2005

FRANCE (Contact: Ms. Benoitte Morin benoitte.morin@shom.fr)

Total space required: 3.5 m²

- Nautical Space Chart “spatiocarte marine” 7457, Archipel des Tuamutu – Raroia et Takume, 1:75 000 and 1:12 500, 2003
- International Chart (INT) 7631, West Indies, De Monserrat à Saint Lucia, 1:300 000, 2004
- Poster on French Electronic Navigational Chart (ENC) Coverage, 2005

JAPAN (Contact: ico@jodc.go.jp)

Total space required: 14 m²

- National Chart W101A, Kobe Ko (Kobe Port), 1:15 000, 2005
- National Chart JP112, Naruto Straits (Naruto Kaikyo), 1:18 000, 2004
- National Chart W150A, Osaka bay (Osaka Wan), 1:80 000, 2005
- National Chart JP80, Nojima Saki to Omae Saki, 1:200 000, 2004
- National Chart W157, Shio-no-Misaki to Osumi Kaikyo, 1:500 000, 2005
- Poster, Tsunami information Map (Inflow Map) "Owase Port", 1:20 000, 2004
- Poster, Coastal Disaster Prevention Information Map "Hachijo Shima to Ao-ga-shima", 1:50 000, 2004
- Poster, Coastal Disaster Prevention Information Map "Hachijo Shima to Ao-ga-shima" (reverse side), 1:3 000 and 1:5 000, 2004
- Bathymetric Map, Japan and the Adjacent Seas, 1:6 000 000, 2004
- Poster, Information on Electronic Navigational Charts (ENC), 2005
- Poster, Coastal Environmental Information Service, 2005
- Maritime Traffic Information Chart H-304 "Ise Wan", 1:3 000 and 1:100 000, 2004
- Yachting Chart H-172W "Yokohama to Kisarazu", 1:3 000 and 1:100 000, 2004

KOREA (REP. OF) (Contact: Mr. Jung-Hyun Kim kimjh@nori.go.kr)

Total space required: 12 m²

- Map, Seafloor of Pyeontaek Harbor, 2004
- Geological Map G4623, Basic Maps of the Sea: Free-Air Gravity Anomaly Chart (Middle Part of East Sea), 1:500 000, 1998

- Geological Map S4623, Basic Maps of the Sea: Sub Bottom Echo Character Chart (Middle Part of East Sea), 1:500 000, 1998
- Geological Map M4623, Basic Maps of the Sea: Total Magnetic Intensity Chart (Middle Part of East Sea), 1:500 000, 1998
- Bathymetric Map B4623, Basic Maps of the Sea: Bathymetric Chart (Middle Part of East Sea), 1:500 000, 1998
- National Fishery Chart F-W101, 1:1 500 000, 2003
- National Chart W849, East Sea And Yellow Sea, 1:2 500 000, 1999
- Fishery Information Chart, 2003

SLOVENIA (Contact: Mr. Igor Karnicnik igor.karnicnik@geod-is.si)

Total space required: 1 m²

- National Chart, Slovenian Coastal Sea: Bay of Koper and Bay of Piran, 1:20 000, 2004

SPAIN

Total space required: 8 m²

- Spain will have a historical exhibit of Spanish nautical cartography and will show an ECDIS displaying Electronic Navigational Charts (ENC).

UKRAINE (Contact: Ms. Alla Miagkova miagkova@dudg.kiev.ua)

Total space required: 6 m²

- Multimedia Presentation of State Hydrographic Service of Ukraine, 2005
- National Chart 301, The Black and Azov Seas, 1:1 250 000, 1999
- National Chart 3103, Port Sevastopol' to Port Konstantza, 1:500 000, 2002
- National Chart 3226, Zmiinyi Island to Tarkhankut Cape, 1:300 000, 2004
- Computer Map, Ukrainian National Collection of Electronic Navigational Charts (ENC), 2005
- National Chart 3404, From the Mouth to Mykolaiv, 1:50 000, 2004

UNITED KINGDOM (Contacts: Mr. Simon Gliddon simon.gliddon@ukho.gov.uk and/or Mr. Peter Codd peter.codd@ukho.gov.uk)

Total space required: 8 m²

- UK will have a static exhibit illustrating the UKHO activities.
-

TECHNICAL SESSIONS AT ICC 2005

THEME 13 : MARINE CARTOGRAPHY, NAVIGATION AND OCEAN MAPPING

A. Oral Presentations

SESSION 1

CHAIRMAN: Ron Furness (Australia)

- *Electronic Navigational Charts (ENC) and Spatial Data Infrastructures (SDI): Convergence Issues*, Tatiana Delgado Fernández (Cuba) and Michel Huet (International Hydrographic Bureau, Monaco).
- *Electronic Navigational Charts – Progress And Obstacles To Worldwide Coverage*, Rear Admiral Kenneth Barbor (International Hydrographic Bureau, Monaco).
- *The Next Edition of IHO Transfer Standard S-57 (Edition 4.0)*, Dr. Lee Alexander (USA) and Michel Huet (International Hydrographic Bureau, Monaco).
- *“Multiscale ENC Data Management on Eastern Coast of the Adriatic Sea as an Archipelagic Sea Area”*, Tea Duplancic Leder (Croatia) and Miljenko Lapaine (Croatia).

SESSION 2

CHAIRMAN: Rear Admiral Kenneth Barbor (International Hydrographic Bureau, Monaco)

- *New Experiences In Nautical Chart Production in The Instituto Hidrográfico De La Marina*, Angel Chans (Spain) and José Millan (Spain).
- *Nautical Charting In Smaller Countries With Short Coastline – Troubles And Advantages*, Igor Karnicnik (Slovenia) and Dalibor Radovan (Slovenia).
- *Unlocking the Marine Data Treasure Chest*, John Pepper (United Kingdom).
- *The Use of Radar SAR Data for Oil Spill Detection and Mapping*, Samy Bouchaib (Italy), Youcef Smara (Italy), Luca Salvatori (Italy), Fabio del Frate (Italy) and J. Lichtenegger (Italy)

SESSION 3

CHAIRMAN: John Pepper (United Kingdom)

- *Some Semiotical Aspects of Symbols Construction in Nautical Navigational Charts (At the Example of Ukrainian Large-Scale NNC)*, Anton Gordyeyev (Russia) and Oleg Martschenko (Russia).
- *Theses of Ukrainian Delegation Speech at the XXII International Cartographic Conference (Icc 2005)*, Oleg Marchenko (Ukraine).
- *Multilingual Lexicon of Undersea Feature Types*, Mátyás Márton (Hungary) and András Dutkó (Hungary).
- *The Political Problem of Bi- and Multilingual Maritime and Lacustrine Names In Maps*, Prof. Naftali Kadmon (Israel)

B. Poster Presentations

- *Depth Selection In Nautical Charts Production*, Radovan Solaric (Croatia) and Zvonko (Croatia).
- *The Production of Electronic Charts for Marine Transportation*, Antonio Pinheiro (Portugal).
- *Definition of one Mathematics Model for the Advance Movement In Hydrographic Surveying Works of High Precision*, Raúl Pereda García (Spain), Rafael Ferrer Torio (Spain) and Manuel de Luis Ruiz (Spain).
- *Model Validity and Definition fort the Heave Movement in Hydrographic Surveying Works of High Precision*, Raúl Pereda García (Spain), Rafael Ferrer Torio (Spain) and Manuel de Luis Ruiz (Spain).
- *Customisation of a Field Survey Database Using ArcPad*, José-Carlos Martinez (Spain), Monserrat Bardon (Spain), Jesus Irigoyen (Spain) and Eloina Coll (Spain).
- *dKart: An Optimal Way from GIS to Cartography*, Andrey Dmitriev (Norway).
- *A Reversed Production Flow Line*, John Klippen (Norway).
- *S-57/ENC Based Paper Chart Production*, John Klippen (Norway) and A. Pirozhnikov (Russia).