



AUGUST - SEPTEMBER BULLETIN

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COMMITTEES - SUBCOMMITTEES

53rd SESSION OF THE IMO SUBCOMMITTEE ON SAFETY OF NAVIGATION (NAV)

London, 23-27 July 2007.

The 53rd session of the Sub-Committee on Safety of Navigation (NAV) of the IMO was held in London from 23 - 27 July 2007. The President and the Technical Assistant in Hydrography represented IHO. Several representatives from Hydrographic Offices were also present. The Sub-Committee had a very full agenda, of which: Agenda Item 3 - Routeing of Ships, ship reporting and related matters; Agenda Item 5 - Evaluation of ECDIS and ENC Development; Agenda Item 13 - Development of an E-Navigation Strategy; and Agenda Item 14 - Development of carriage requirements for ECDIS; were of most relevance to IHO MS. The final report will be available on the IHO web site. (www.iho.int > INT Organizations > IMO)

The Sub-Committee approved 9 new / revised Traffic Separation Schemes, 13 other routeing measures and 4 new / amended Mandatory Reporting Systems all of which will now go to the Maritime Safety Committee (MSC) for adoption at its 83rd session in October 2007.

The IHO presented three documents: Maintenance of ECDIS Software; Development of a comprehensive online catalogue of available official charts; and Evaluation of Electronic Navigation Chart (ENC) Availability under Agenda item 5. There was widespread support for the draft SN Circular on the maintenance of ECDIS software prepared by the IHO and an informal drafting group prepared a final text, which will now go to the MSC for approval. The information regarding the details of the IHO online chart catalogue was noted by the Sub-Committee. The Sub-Committee noted the information regarding the Evaluation of Electronic Navigation Chart (ENC) Availability. This matter was also discussed extensively under Agenda Item 14 (Development of carriage requirements for ECDIS). The revised text of SN/Circ.207 – “Differences between RCDS and ECDIS” prepared at NAV 52 was approved for issue now that the ECDIS Performance Standards had been adopted by MSC 82.

A lengthy discussion took place on Agenda Item 14 “Development of carriage requirements for ECDIS” covering ENC availability, classes of ship, tonnages and training issues. The chairman concluded that there was currently no consensus to introduce further mandatory carriage requirements for ECDIS and this matter will be considered further at NAV 54 in 2008. The Sub-Committee also invited MS to submit relevant inputs to NAV 54.

On the “Development of an E-Navigation Strategy” the Sub-Committee considered the report of the Correspondence Group together with some other input papers. The Sub-Committee agreed that e-navigation must be user driven and not technology driven. The following definition was adopted:

“E-Navigation is the harmonised collection, integration, exchange, presentation and analysis of maritime information onboard and ashore by electronic means to enhance berth to berth navigation and related services, for safety and security at sea and protection of the marine environment.”

The Sub-Committee re-established the CG, to be chaired by the UK, with new ToR.

The refurbishment work on the IMO Headquarters building is due to complete in February 2008 and the 54th session of the Sub-Committee on Safety of Navigation is provisionally scheduled to be held there from 30 June to 4 July 2008.



REGIONAL HYDROGRAPHIC COMMISSIONS

8th MEETING OF THE SOUTH WEST PACIFIC HYDROGRAPHIC COMMISSION

Papeete, Tahiti, 19-20 September 2007.

The 8th Meeting of the South West Pacific Hydrographic Commission (SWPHC) was held in Papeete, Tahiti, on 19-20 September 2007. The meeting was attended by Member representatives from Australia, France, New Zealand, Tonga, UK and USA. An observer from Solomon Islands and Captain WARD from IHB also attended the meeting. The Chairman of the SWPHC, Mr. John SPITTAL (New Zealand) presided.

The meeting concentrated on developing better mechanisms to advance capacity building initiatives in the region. The meeting accepted that the SWPHC faces particular difficulties because of the remoteness of the region and the fact that it comprises mostly isolated island States, with very limited hydrographic capabilities.

The Chairman described a successful CBC-sponsored visit undertaken in December 2004 to Western Samoa in conjunction with the 11th Meeting of the Pacific Islands Maritime Association (PacMA) and the 1st Meeting of Ministers for Maritime Transport. PacMA is a well established organisation which unites many maritime transport and related interests, and attracts very good governmental support, yet there is currently little or no hydrographic representation. As a result of the obvious benefits of working with the PacMA community, the meeting agreed that the SWPHC will take up the offer of PacMA to join the Association as an observer. At the same time the SWPHC will offer reciprocal status to PacMA.

The meeting developed an implementation strategy to better assist regional States in implementing effective IHO Capacity Building assistance. This will include combined high-level and technical visits planned for 2008 under the IHO Capacity Building program. The aim of these visits to various States in the region will be to seek increased levels of support for hydrography from the higher levels of government and at the same time assess what type of capacity building programs might be most appropriate.

The meeting took actions to agree small scale ENC production boundaries by the end of 2007 in line with the IHO objectives to provide appropriate coverage not later than 2010.

France will assume the Chair of the SWPHC in December 2007. The 9th Meeting of the SWPHC is planned to take place in either late 2008 or early 2009 in conjunction with either a PacMA or a South Pacific Applied Geoscience Commission (SOPAC) meeting.



WORKING GROUPS

WEND TASK GROUP ON ENC COVERAGE

Paris, France, 30 August 2007.

The IHO WEND Task Group (TG) on ENC coverage held a meeting in Paris, hosted by the French Navy Hydrographic and Oceanographic Service (SHOM). The meeting was attended by the Chairman of the TG, Mr. Horst HECHT (BSH, Germany), Mr. Richard CARPENTER (UKHO), Ing. en Chef Yves GUILLAM (SHOM, France) and Captain Robert WARD (IHB Director-elect).

The meeting took note of the directions provided by the WEND Committee at its meeting in September 2006. It also took into consideration the outcomes of the most recent meeting of the IMO Sub-Committee on the Safety of Navigation (NAV53), held in London in July 2007, concerning mandatory carriage requirements for ECDIS. This indicates a requirement for IHO to provide a clear and comprehensive presentation of the status of adequate global ENC coverage to the next meeting of NAV, in June 2008 (NAV54).

The meeting then considered appropriate methods to assess and report on the level of adequate global ENC coverage and developed a work plan to achieve this. A brief progress report will be presented to the WEND at its Extraordinary Meeting in Monaco, in October 2007. A final report will be circulated by the TG in mid February 2008 for consideration by the WEND Committee at its ordinary meeting in Tokyo, Japan, scheduled for April 2008 and also for incorporation, as appropriate, in an IHO submission to NAV54.

8th STANDARDISATION OF NAUTICAL PUBLICATIONS WORKING GROUP (SNPWG) MEETING IHB - Monaco, 3 - 7 September 2007.



The Standardisation of Nautical Publications Working Group (SNPWG) held its 8th meeting at the IHB in September 2007. The SNPWG is working on the establishment of a standardised data schema for the capture of nautical publications information in the form of digital data. Representatives from Denmark, Germany, France, Spain, Sweden, UK and USA were present. Herr Johannes MELLES

(BSH, Germany) presided. Captain Robert WARD, IHB Director, welcomed participants on behalf of the IHO Directing Committee.

The main work of the week was to review the data modelling work carried out by the SNPWG sub-Working Groups since the last SNPWG meeting. There was also a brief discussion on the management of the NPUBS register in the IHO S-100 Registry.

The SNPWG is considering the use of new types of attributes that should be introduced in S-100 (the new IHO Geospatial Data Standard now under development), such as Boolean, and formatted text and is also investigating a number of information objects.

Mr. David ACLAND (UKHO) was elected as the new Chairman of the WG in succession to Herr MELLES who is standing down after 4½ years as the Chairman. Mr John NYBORG (USA - NOAA) will be the Vice-Chair.

SHOM will host the next meeting in Brest, France and this is provisionally scheduled to take place during the week commencing 21 April 2008.

CONFERENCES

ICA 23RD INTERNATIONAL CARTOGRAPHIC CONFERENCE, GENERAL ASSEMBLY & EXHIBITION

Moscow, Russia, 4-9 August 2007.

The International Cartographic Association (ICA) held its 2007 Conference (ICC'2007) at the Hotel Cosmos in Moscow, Russia, on 4-9 August. About 700 persons attended ICC'2007, many of them being key role players in the cartographic world. This event included:

- An ICA General Assembly on 4 and 9 August;
- The Conference itself, where numerous scientific papers on cartography-related matters were presented throughout the week in sessions running in parallel;
- A Map Exhibition, where various maps and other cartographic products from ICA member countries were presented. An IHO Cartographic Exhibition was held as part of the Map Exhibition;
- A Commercial Exhibition.

The Assembly

At the ICA General Assembly, Prof. W. CARTWRIGHT, Professor at the University of Melbourne, Australia, was elected as new ICA President and Dr. D. FAIRBAIRN, United Kingdom, was elected as new ICA Secretary General, both for a 4-year mandate. Also, Capt. P. CARRASCO, SHOA, Chile, was elected as new Chairman of the ICA Commission on Marine Cartography.

The Conference

Among the numerous papers presented during the ICA Conference, the followings dealt with subjects of interest to the IHO community:

- ✓ *An Initial Model of the Computation Viewpoint for a Spatial Data Infrastructure* (A. COOPER, South Africa);
- ✓ *SDI Design to Facilitate Spatially Enabled Society* (A. RAJABIFARD, Australia);
- ✓ *Progress in the Creation of an Operational Global Spatial Data Infrastructure: The Global Map Experience* (F. TAYLOR, Canada);
- ✓ *Infrastructure for Spatial Information In Europe (INSPIRE): From Cartography to Spatial Objects and Network Services* (K. TÓTH and P. SMITS, Italy);
- ✓ *ENC Production Process Design for Croatian Part of the Adriatic Sea Area* (M. LAPAINE and T. DUPLANČIĆ LEDER, Croatia).

In the frame of a special session of the Conference dedicated to “*The Collaboration on Matters of Mutual Interest in the Activities of National Mapping Organisations (NMOs) and the ICA*”, the IHB representative had the opportunity to give a presentation “*Marine Spatial Data Infrastructures: an IHO perspective*”.

The 24th International Cartographic Conference will be held in Santiago de Chile on 15-21 November 2009 (ICC'2009). Also, the ICA Assembly selected Paris, France, as the venue for the 25th ICC in 2011.

IHO Cartographic Exhibition

The following 20 IHO member states and the IHB participated in the IHO Cartographic Exhibition: Australia, Bangladesh, Chile, China, Ecuador, Greece, Finland, France, Italy, Japan, Korea (Rep. of), Netherlands, Norway, Pakistan, Portugal, Russia, Slovenia, Turkey and Ukraine. As usual, the IHO “marine” exhibition had a great success with conference delegates. A jury was set up to assess the IHO exhibition, formed of ICA “personalities” and chaired by the IHB representative, Ing. en chef M. HUET. After careful examination of all displays the jury decided, following a series of strict criteria, that the best display was that of the **Australian Hydrographic Service**. Number 2 was Japan and number 3 was Netherlands. The IHB wishes to congratulate the winner, Australia, as well as Japan and Netherlands for these very good results. The IHB also thanks all the other member states’

hydrographic offices which took part in the IHO exhibition at ICC'2007. A prize will be given to the Australian Hydrographer on the occasion of a future major IHO event, e.g. the Extraordinary International Hydrographic Conference (EIHC) of May 2009 in Monaco. It should be noted that Australia was already nominated Best Exhibitor at the ICC'2005 Chart Exhibition.

More information on the ICC'2007 website (www.icc2007.com).

The Joint Board of Geospatial Information Societies (JB-GIS)

During ICC'2007, the JB-GIS held its yearly meeting, chaired by Prof. S. ENEMARK, FIG President and with participation of ICA, IHO, ISPRS (International Society of Photogrammetry and Remote Sensing), ISCGM (International Steering Committee for Global Map) and IMTA (International Map Trade Association). JB-GIS is a forum where areas of common interest are discussed, and a coordination mechanism for cooperation among member societies. JB-GIS aims at providing an authoritative contact point for all agencies interested in geospatial information. More information at www.fig.net/jbgis/. Main subjects discussed were the development of a Geospatial Information Knowledge Portal (GIKP) for National Mapping Agencies, and how to foster increased cooperation between related working groups / committees within the JB-GIS organisations. For the next two-year period, the Chairman of the Board will be Prof. I. DOWMAN, ISPRS President. The next meeting of JB-GIS has been planned in conjunction with the next congress of ISPRS in Beijing, China, July 2008.

NEW HYDROGRAPHERS

HEAD OF THE MARITIME HYDROGRAPHIC DIRECTORATE

D.Sc. Captain
Romeo Gh. BOȘNEAGU
University Lecturer

Last promotion date: 01.07.2007

Date of birth: October 20, 1955, Constanța District

Marital Status: married, two children

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MILITARY EDUCATION:

- Candidate for a doctor's degree at Technical University of Cluj-Napoca, 2007;
- Doctor in Geography at University of Bucharest, 2004;
- Master in Naval Transport Optimization, 1999;
- High Military Studies Academy, Navy Specialization, 1988;
- Naval Academy „Mircea cel Bătrân”, Faculty of Navigation, 1978.

CAREER POSITIONS:

- Beginning with July 1, 2007, Head of the Maritime Hydrographic Directorate;
- 01.11.2006 – 31.06.2007, Deputy Chief of Maritime Hydrographic Directorate;
- 01.05.2006-31.10.2006, Chief of Aids to Navigation Branch within the Maritime Hydrographic Directorate;
- 2005-2006 and 1999, Head of Nautical Sciences' Chair within Naval Academy „Mircea cel Bătrân”, Constanța;
- 1978-1989, different positions, from navigation officer to warship commander.

PUBLISHED ARTICLES:

- *Influence of Geographical Conditions over Transportation Routes within Black Sea Area*, „Cartea Românească” Publishing House, 2004;
- *Radioelectronic and Orthodrome navigation*, „Cartea Universitară” Publishing House, 2004;
- *Naval Kinematics and Radar Navigation*, „Naval Academy” Publishing House, 2003;
- *Military Maritime and Fluvial Geography*, „Naval Academy” Publishing House, 2003;
- *Radioelectronic Navigation*, „Naval Academy” Publishing House, 2001;

Other:

- 8 university manuals, 3 problems collections published in Naval Academy „Mircea cel Bătrân”;
- 1 laboratory handbook;
- 33 dissertation papers.

SOCIAL ACTIVITIES:

- Member of three scientific research bodies of national level;
- Chairman of Officers League within Romanian Navy;
- Member of Romanian Naval League.

FOREIGN LANGUAGES:

- English: good;
- French: good.



NEW HYDROGRAPHER OF COLOMBIA.

On August 2nd 2007, Rear Admiral Jairo Javier PEÑA GÓMEZ took up the post of General Maritime Director of Colombia.

RAdm. PEÑA was born in Bucaramanga (Santander - Colombia). He graduated in June 1978 from the Naval Cadet School "Almirante José Prudencio Padilla", as Lieutenant, with specialization in Oceanography, and has been promoted to Rear Admiral on June 5 2005.

During his professional career, he assumed different posts, amongst them some command posts as: Deputy Commander and Commander of the oceanographic vessel ARC "Malpelo", in 1986 and 1997 respectively; Commander of the Cadets batallion in the Naval School "Almirante Padilla", in 1995 and 1996; Deputy Commander and Commander of the ARC "Gloria", in 2000 and 2001; Commander of the Atlantic Naval Force, in 2005 and 2006

and Head of the Personnel and Training Division.

Amongst the administrative posts assumed we can outline the following: Director of the Oceanographic and Hydrographic Research Centre in Cartagena, in 1998 and 1999 and General Secretary of the General Maritime Directorate en Bogotá, in 2002.

In addition, he was Naval Attaché of the Colombian Embassy in the Great Britain and Northern Ireland United Kingdom and Permanent Representative of Colombia before the International Maritime Organization, IMO, in London, in 2003.

NEW HYDROGRAPHER OF SPAIN

CURRICULUM VITAE

Name: Francisco José PEREZ CARRILLO DE ALBORNOZ

Date of birth: 23 March 1952.

Joined the Navy on: 16 August 1972

Lieutenant on: 16 July 1977

Captain on: 15 July 2003

Commissioned on board:

- Airship-carrier "Dédalo";
- Minesweeper "Ebro";
- Surveying Ship "Malaspina".
- Oceanographic Research Ship "Hespérides" for five surveys, directing three (3) and as Head of the Hydrographic Commission for two (2) of them;
- Head of the Hydrographic Commission in the DECVOL 99 Survey (Decepción Island - Antarctica).

Postings ashore:

- Calculation Centre of the Hydrographic Institute of the Navy;
- Instructor at the Hydrographic School;
- Instructor at the Naval Military Academy;
- Head of the Hydrographic Department of the Hydrographic Institute of the Navy;
- Head of Research Dept. of the Hydrographic School;
- Deputy Manager of the Hydrographic Institute of the Navy;
- Acting Director of the Hydrographic Institute of the Navy;
- Naval Commander in Huelva;
- Currently, Director Commander of the Hydrographic Institute of the Navy.



Specializations:

- Hydrography;
- Systems Analyst.

Diplomas:

- Hydrographic Engineer.

Abilities:

Pedagogic Techniques – Environmental Course for Professors at the University of Alcalá de Henares.

Civil Diplomas:

Diploma of Advanced Studies (DEA) of the Faculty of Nautical Science of Cádiz.

VISITS TO IHB

VISIT TO THE IHB BY THE EXECUTIVE SECRETARY OF COMNAP

1st August 2007.

On 1st August Mr. Antoine GUICHARD, Executive Secretary of COMNAP, paid a visit to the IHB and met with Capt. Hugo GORZIGLIA, IHB Director, to discuss various subjects of common interest with regard to Antarctica.

The main subjects discussed were:

- 1.- Analysis of the outcomes of the ATCM XXX held in New Delhi, India, in May 2007, with emphasis on those aspects related to hydrography, cartography, safety to navigation and marine operations;
- 2.- Decisions made by the two organizations' main bodies: brief discussions were held on the outcomes of the last COMNAP meeting recently held in Australia and the I.H. Conference;
- 3.- Progress made since the last HCA meeting held in Punta Arenas, Chile, November 2006 and the progress in the preparation for the next HCA meeting scheduled to take place in Buenos Aires, Argentina, early October 2007;
- 4.- The objective of the Seminar on Hydrography to be held as part of the next ATCM in Ukraine in 2009, aimed at raising awareness on the hydrographic contribution to the ATS. Discussion included the possible structure of the seminar and the identification of possible speakers and their field;
- 5.- The possibility of holding a similar Seminar at COMNAP 2009 Meeting.

The meeting was very useful and the IHB is most grateful to Mr. GUICHARD for having made time to visit the IHB. These short intensive meetings are a good mechanism to monitor the progress of the activities agreed between both institutions.

IHB VISITED BY A DELEGATION FROM CAMEROON

22 August 2007.

On the 22nd of August 2007 the IHB Directing Committee received the visit of a delegation from Cameroon, integrated by Mr. A. ABANDA ATANGANA, Advisor to the President of the Republic of Cameroon and Mr. Ernest BODO ABANDA, President of the Administration Council of the Foundation for the Environment and Development of Cameroon.

The purpose of the visit was to receive advice on the availability of information related to maritime delimitation. Cameroon presents a very particular geographic situation and its authorities are seeking advice on the way they could comply with the provisions in the UNCLOS.

With the help of nautical charts of the region available at the IHB chartroom, the Delegation was briefed on several technical aspects associated to maritime delimitation, mainly on the need to have a good coastline definition.

Following discussions, the Delegation was provided with IHO publications and CDs containing papers on the matter as well as a copy of the IHO CL 71/2007 that provides a List of National Experts on the Law of the Sea.

Both representatives left the IHB headquarters thanking the Organization for the support provided.

INFORMATION OF INTEREST

NEW IHB DIRECTING COMMITTEE

Monaco, 1st September 2007

At noon on Friday 31st August, the International Hydrographic Bureau (IHB) held a small, informal cocktail party to say goodbye to Rear Admiral Kenneth BARBOR (USA), who is returning to the United States of America, having completed his 5-year term as IHB Director. On the same occasion, a warm welcome was given to Captain Robert WARD (Australia), who became a member of the IHB Directing Committee with effect from 1st September 2007, for the period 2007-2012, alongside Vice Admiral Alexandros MARATOS (Greece) and Captain Hugo GORZIGLIA (Chile).

At this informal gathering the President of the IHB Directing Committee, Vice Admiral MARATOS, referred to the work carried out by the Directing Committee and by the Bureau in general during the five-year period 2002-2007, highlighting the achievements and, in particular, those under Rear Admiral BARBOR's areas of responsibility.

In recognition of his valuable contribution to the work of the International Hydrographic Organization (IHO), VAdm. MARATOS presented RADM. BARBOR with the IHO crest and Captain GORZIGLIA, IHB Director, gave him, on behalf of the IHB, a nautical gift for his boat.

RAdm. BARBOR thanked everyone for the gifts and for the kind farewell words, and looked back at the team work accomplished during the last 5 years and wished every success to the new Directing Committee, composed of VAdm. MARATOS (President), Capt. GORZIGLIA (Director 1) and Capt. WARD (Director 2), who will now be responsible for the administration of the IHB as well as the coordination of the efforts of all the IHO Member States, whilst seeking to fulfil the Vision, the Mission and the Objectives of the Organization during the next 5-year period.



New IHB Directing Committee with RAdm. BARBOR, during his farewell party.