

INTERNATIONAL HYDROGRAPHIC BUREAU



BUREAU HYDROGRAPHIQUE INTERNATIONAL

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10 September 1981

To : All Members of the IHO/FIG International Advisory Board on the Standards of Competence for Hydrographic Surveyors
Participants in the Fourth Session (List at Annex II to Enclosure)

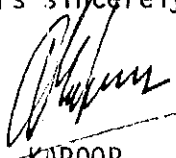
FOURTH MEETING OF THE IHO/FIG INTERNATIONAL ADVISORY
BOARD ON THE STANDARDS OF COMPETENCE
FOR HYDROGRAPHIC SURVEYORS

FINAL REPORT

Dear Colleague,

Enclosed is a copy of the Final Report of the proceedings of the 4th meeting of the IHO/FIG International Advisory Board on the Standards of Competence for Hydrographic Surveyors which was held in Rio de Janeiro, 12-14 May 1981.

Yours sincerely,


D.C. KAPOOR
Rear Admiral, Indian Navy (Retd)
Chairman of the Advisory Board

Encl : (1) : Report + 3 annexes.

cc : Chairman, FIG Commission 4.

FINAL REPORT ON THE
FOURTH SESSION OF THE IHO/FIG INTERNATIONAL ADVISORY BOARD
ON THE STANDARDS OF COMPETENCE FOR HYDROGRAPHIC
SURVEYORS

(Rio de Janeiro, 12-14 May 1981)

Attendance

The IVth Session of the IHO/FIG Advisory Board on the Standards of Competence for Hydrographic Surveyors was held at the ECOVA de GUERRA NAVAL, Rio de Janeiro, 12-14 May 1981. The Chairman of the Board, Rear Admiral D.C. KAPOOR, presided over the Session, where the following members were present :

Mr. B.T. AYINDE
Lt. Cdr. A.E. INGHAM, R.N. (Retd)
Mr. Adam J. KERR
Cdr. C. DON, R.N.N. (Retd)
Cdr. V.S. SAPTHARISHI, I.N.
Cdr. L.A.C. FERRAZ, Brazilian Navy.

Also in attendance were Cdr. L.L. de OLIVEIRA and Miss Marcia A. MALTA from the Brazilian Directorate of Hydrography and Navigation.

The Chairman informed the meeting that he had received communications from Ingénieur Général Jean BOURGOIN and Dr. T. UCHINO regretting their inability to attend.

2. OPENING OF THE SESSION

Rear Admiral L.C. de FREITAS, Director of Hydrography and Navigation, Brazilian Navy, welcomed the members of the Board and wished them a successful and profitable meeting. He emphasized the need for the expansion of training facilities in hydrography and the role that the Advisory Board can play in furthering this important aim. He referred to the training being provided by the Brazilian Navy to students from various countries in South America and the willingness of his country to consider favourably requests received from countries in Africa.

3. ADMINISTRATIVE ARRANGEMENTS

Commander FERRAZ explained the programme that had been drawn up for the sessions, which included a visit to the Directorate of Hydrography and Navigation as well as a number of social events.

4. ADOPTION OF THE AGENDA

The Provisional Agenda was adopted with an additional item (15) "Cooperation with IMCO in the GOA Training Project". (see Annex I).

5. CONSIDERATION OF THE REPORT OF THE 3rd SESSION AND MATTERS ARISING

The Chairman informed the meeting that all comments received from Members had been incorporated in the final text which he had circulated as an enclosure to letter No. S3/1054 dated 7 July 1980.

Item 5

The Chairman stated that an invitation had been sent to the U.S.S.R. Hydrographic Department to depute an observer to this session of the Board but, regrettably, a representative could not be sent in time.

The Board took note of the fact that a representative of the U.S.S.R. would be welcome at a future session if they so desired.

Item 8

(a) It was decided that the next Information Paper, or, alternatively the Bulletin account of the meeting, should draw attention to the fact that the Board welcomes the attendance of National Focal Points or representatives of institutions at sessions where submissions made by the concerned NFPs are to be reviewed/discussed.

(b) The Chairman stated that, in accordance with the decisions of the 3rd session, clarification on all points had been received from the U.K. National Focal Point in regard to the R.N. course submission and accordingly this was the first institution to be granted a Certificate of Recognition for Category "A".

(c) The modifications proposed by the Board had been incorporated in the SHOM submission and, in keeping with the authorization given to the Chairman, a Certificate of Recognition had been granted for Category "A".

Item 13

The Chairman showed examples of the English and French texts of the Certificates of Recognition. The Members expressed their complete satisfaction with the format and contents.

Cooption of Additional Members

The Board's present composition consists of four Members nominated by FIG and five from the IHO.

Mr. KERR felt that, in order to maintain a proper balance between representatives from industry and national hydrographic services, the FIG should be requested to ensure that its nominees should, as far as possible, be those who represent private and commercial interests. It was, however, decided that no additional Members should be coopted on the Board.

6. REVIEW OF COMMENTS ON THE "STANDARDS OF COMPETENCE"

This item was discussed in considerable detail as it was felt that some stipulations made in the guide-notes were not clear to the user community, thus giving rise to confusion; particularly in the areas of practical training and experience and with regard to the granting of full or partial recognition. Accordingly, a working group, consisting of Messrs. KERR and INGHAM, was requested to redraft the guide-notes in a more logical sequence.

The redrafted version of the text was approved by the Board and it was decided that a new revised edition of the "Standards of Competence" be published incorporating this text as well as all amendments issued since the original docu-

ment was published in August 1978. (see Annex III).

7. POLICY FOR THE PUBLICATION OF AN UPDATED EDITION OF THE "STANDARDS OF COMPETENCE"

An updated 1981 edition of the Standards will be published and the IHB was requested to contact the concerned authorities for the purpose of translating the revised text into the various languages.

8. CONSIDERATION OF REVIEW POLICY

After some discussion on this item, it was decided that the revised guide-notes should clearly indicate the procedure for making submissions and, in order to facilitate mailing to the Board Members, the National Focal Points should advise the institutions concerned to post copies of the submission documents individually to each Member. In order to achieve this, the Board's secretariat at the IHB will provide a mailing list to the concerned N.F.P. or institution on receiving advice of intention to make a submission.

9. REVIEW OF SUBMISSIONS

The Royal Australian Navy (RAN) course syllabus for 4th class Hydrographic Surveyors had been received earlier and reviewed through correspondence. Resulting from Members' comments, the Chairman had sought certain clarifications from the RAN Hydrographer. The Board noted that all outstanding points had now been clarified and the Australian course would eventually lead to higher qualifications, similar to the procedure followed in the Royal Navy. It was decided to award a Certificate of Recognition to the Royal Australian Navy's Hydrographic School for a Category "B" qualification.

The Board considered the submission of the U.S. Naval Post Graduate course and carried out a detailed review of all sections against the syllabi contained in the "Standards". The Board held :

- i) that the programme was designed primarily for oceanographers
- ii) that the most relevant parts of the syllabi in the "Standards", e.g. Terrestrial and Marine Surveying, were not adequately covered and
- iii) that even partial recognition could not be given unless suitable changes were made in the course programme.

The Chairman was requested to write to the National Focal Point accordingly and seek clarification on other points.

The Chairman informed the meeting that a submission had been recently received from the "Ecole des Hydrographes" in respect of the French Navy's technical personnel. The relevant documents had been sent by post to all the Members, who are requested to review the submission and forward their comments to the Chairman.

In regard to future submissions, the Board asked the Chairman to bring to the notice of National Focal Points that any course submissions should be forwarded latest by early January 1982 in order to give sufficient time for Members to carry out a detailed study prior to review at the next session.

10. BIBLIOGRAPHY

Mr. KERR circulated to the Members an example of the Bibliography which had been prepared by a very well-qualified librarian in the Bedford Institute. The document, which also includes the French and Japanese references, was considered to be highly suitable as the basis for the Bibliography to be appended to the "Standards". Mr. INGHAM, having completed the compilation of the Bibliography in the agreed UNESCO format, handed this over to Mr. KERR, who kindly offered to have the entire material rechecked and published.

It was agreed that the Bibliography should constitute an appendix (Part II) to the revised edition of the "Standards" and be issued in a suitable format together with the "Standards" document.

In the meantime, the Members were requested to examine the Bibliography prepared by Mr. KERR and to forward their comments to him, latest by end July.

11. PROGRESS OF TRAINING FACILITIES - COOPERATION WITH REGIONAL CENTRES AND OTHER INSTITUTIONS

The Chairman explained that as part of the planned implementation of the various aspects of the draft Law of the Sea Convention, all concerned international organizations, and their subsidiary bodies, have been requested by the U.N. Secretariat to indicate the extent and nature of cooperation that might be provided in the training of personnel in various fields of marine sciences.

The Advisory Board, being responsible for the training of hydrographers, had been addressed through the IHO.

It was agreed that the Advisory Board will be willing to extend cooperation in the field of hydrographic training, whenever called upon to do so, particularly in the provision of advice in establishing course programmes at suitable marine centres.

12. REPRESENTATION AT VARIOUS CONFERENCES

Mr. INGHAM informed the meeting that he had been invited by the Chairman of FIG Commission IV to present a paper at the FIG XVI International Congress in Montreux on the work of the IHO/FIG Advisory Board. However, the paper which he had submitted for presentation was mainly in the nature of a personal contribution, as opposed to an official report on the activities of the Advisory Board.

The Board then discussed the question as to whether its official report was required to be presented at the Montreux Conference as no request to this effect had been received from the Chairman of Commission IV.

It was the Board's opinion that one of its FIG Members should present Mr. INGHAM's paper, which should be updated to reflect the Report of the present session. It was, however, emphasized that the paper does not, in any way, constitute the official Report on the Board's activities.

In view of the fact that Mr. INGHAM will not be able to personally present the paper, Mr. DON kindly agreed to do so on his behalf.

The Chairman informed the Members that he will be compiling a report on the Board's activities for the past five years for presentation at the XIIth I.H. Conference. The draft will be circulated to all Members for comment.

13. RECOGNITION AND PUBLISHING OF SHORT COURSES AND SEMINARS

This subject was discussed under item 11 where it was decided that it would be impractical to grant recognition to short courses dealing with individual sections of the syllabi. The revised guide-notes make it clear that recognition, in full or in part, can only be granted to those courses that cover effectively the subject areas contained in the terrestrial and marine survey syllabi.

14. POLICY FOR RECOGNITION OF INDIVIDUAL QUALIFICATIONS AND EXPERIENCE

The Board re-affirmed that it is not practicable to grant international recognition to individuals, but suggested that National Focal Points might wish to institute schemes whereby the Standards of Competence are applied to the granting of national recognition to individuals. A phrase to this effect has been included accordingly in the re-drafted guide notes to the Standards under the Preamble (Annex III).

15. COOPERATION WITH IMCO

The Chairman informed the Members that IMCO, as the Executing Agency for the United Nations Hydrographic Training Project in GOA, India, had approached the Advisory Board for cooperation in deputing suitable experts to give lectures on various sections of the syllabi. Accordingly, a number of experts had been identified and approached on behalf of IMCO. This cooperation had proceeded in an extremely satisfactory manner.

16. DATE AND PLACE OF THE NEXT MEETING

The Chairman stated that a formal invitation had been received from the Chief Hydrographer to the Government of India offering to host the Vth session of the Advisory Board.

Cdr. SAPTHARISHI informed the meeting that India would be very pleased to host the next session at the Hydrographic School in GOA. The Chairman conveyed the Board's grateful thanks to the Hydrographer of India and it was decided that the next session will be held in GOA, 16-18 February 1982.

CLOSURE OF THE SESSION

On behalf of the Members of the Board and the two sponsoring organizations, the IHO and the FIG, the Chairman extended grateful thanks to their Brazilian hosts for the excellent organization of the session and the overwhelming hospitality extended to all the participants.

FOURTH SESSION OF THE IHO/FIG ADVISORY BOARD
ON STANDARDS OF COMPETENCE FOR HYDROGRAPHIC SURVEYORS
(Rio de Janeiro, 12-14 May 1981)

A G E N D A

1. Attendance
 2. Opening of the Session
 3. Administrative arrangements
 4. Adoption of the Agenda
 5. Consideration of the Report of the 3rd Session and matters arising
 6. Review of comments on the "Standards of Competence"
 7. Policy for the publication of an updated edition of the "Standards of Competence"
 8. Consideration of review policy
 9. Review of submissions
 10. Bibliography
 11. Progress of training facilities - Cooperation with regional centres and other institutions
 12. Representation at various conferences
 13. Recognition and publishing of short courses and seminars
 14. Policy for recognition of individual qualifications and experience
 15. Cooperation with IMCO
 16. Date and place of the next meeting
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LIST OF MEMBERS OF THE IHO/FIG ADVISORY BOARD ON THE STANDARDS OF COMPETENCE
FOR HYDROGRAPHIC SURVEYORS AND PARTICIPANTS IN THE 4th SESSION, Rio de Janeiro
12-14 May 1981

1. Ingénieur Général de l'Armement Jean BOURGOIN
Directeur de l'Etablissement Principal du Service Hydrographique et
Océanographique de la Marine (EPSHOM)
13 rue du Chatellier (B.P. 426)
29275 BREST CEDEX (Tel. (98)80.00.06) (*unable to attend 4th Session*)
2. Commander C. DON, R.N.N. (Retd)
c/o OSIRIS-CESCO BV
Baanhoek 188B (Telex : 20866)
3361 GN SLEEDRECHT (Tel. (078)111 933
Netherlands 111 685 (direct line)
3. Lt. Cdr. Alan E. INGHAM, R.N. (Retd)
North East London Polytechnic
Department of Land Surveying
Walthamstow
LONDON E17 4JB
U.K. (Tel. (01)590 7722 Ext. 6007)
4. Mr. Adam J. KERR
Regional Director Hydrography (Atlantic)
Bedford Institute of Oceanography
P.O. Box 1006
DARTMOUTH Nova Scotia
Canada (Tel. (902)426 3497)
5. Dr. T. UCHINO
Deputy Director of Surveying Division
Hydrographic Department
Maritime Safety Agency
No. 3-1, 5-chome
Tsukiji, Chuo-ku
TOKYO 104
Japan (*unable to attend 4th Session*)
6. Cdr. V.S. SAPTHARISHI, I.N.
Commanding Officer, INS GOMANTAK
Vasco-da-Gama
GOA 403 802
India
7. Cdr. L.A.C. FERRAZ, B.N. (*)
Departamento de Instrução
Diretoria de Hidrografia e Navegação
Ilha Fiscal
20091 RIO DE JANEIRO (Tel. 253 3734 and 253 5583)
Brazil (Telex : (021)53202 Mmar and (021) 53203 Mmar)

(*)Cdr. FERRAZ has since been succeeded as Member of the Board by Cdr. L.L. de
OLIVEIRA

ANNEX II

2.

8. Mr. B.T. AYINDE
National Delegate, FIG Commission 4
Nigerian Institute of Surveyors
P.O. Box 3610
LAGOS
Nigeria (Telex 26612 HWNIG NG)
9. Rear Admiral D.C. KAPOOR, I.N. (Retd), Chairman
International Hydrographic Bureau
B.P. 345
MC-MONACO (Tel. (93)50.65.87)
Principality of Monaco (Telex : 469870 MCS CARLO ATTN. INHORG)

Also participated in 4th Session

Cdr. L.L. de OLIVEIRA
Diretoria de Hidrografia e Navegação
Ilha Fiscal
20091 RIO DE JANEIRO
Brazil

Miss Marcia A. MALTA
Diretoria de Hidrografia e Navegação
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