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INTERNATIONAL HYDROGRAPHIC BUREAU



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Reference No. S3/1054

7 June 1982

To: All Members of the IHO/FIG International Advisory Board
on the Standards of Competence for Hydrographic Surveyors.

FIFTH 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 Fifth Meeting of the IHO/FIG International Advisory Board on the Standards of Competence for Hydrographic Surveyors which was held in Goa, 16-18 February 1982.

Yours sincerely,

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

Enc: Final Report

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

(Goa, India, 16-18 February 1982)

Attendance

The Vth Session of the IHO/FIG Advisory Board on the Standards of Competence for Hydrographic Surveyors was held at the Naval Hydrographic School, Goa, India, 16-18 February 1982. The Chairman of the Board, Rear Admiral D.C. Kapoor, presided over the session, where the following members were present:-

Mr. B. T. Ayinde
Mr. Adam Kerr
Cdr. C. Don, R.N. (Ret.)
Cdr. V. S. Saptharishi, I.N.
Cdr. L. L. de Oliveira, B.N.
Dr. T. Uchino
Cdr. N. N. Sathaye (Secretary)

Mr. B. T. Ayinde
Mr. Adam Kerr
Cdr. C. Don
Cdr. V. S. Saptharishi
Cdr. L. L. de Oliveira
Dr. T. Uchino
Cdr. N. N. Sathaye

Also in attendance were Vice Admiral OAA Afonso, VCNS Brazilian Navy as an observer and Mr. Van Dam representative of Hogere Zeevaartschool, Netherlands. Rear Admiral F.L. Fraser, Chief Hydrographer to the Government of India attended as the National Focal Point.

The Chairman informed the meeting that he had received apologies from M. l'Ingénieur Naval Jorj for work and Lt. Cdr. Ingham for their inability to attend this session.

1. Opening of the Session

Rear Admiral F.L. Fraser, Chief Hydrographer to the Government of India, welcomed members of the Board and wished them a successful and profitable meeting. He complimented the excellent work of the IHO/FIG Advisory Board in providing the most positive guidance to the world hydrographic community to structure their training programme in order to produce competent hydrographic surveyors. He briefly described the recently established Hydrographic School with suitable assistance from UNDP. Rear Admiral Subir Paul, Flag Officer Commanding, Goa Area kindly attended the opening of the session.

2. Administrative Arrangements

Cdr. V. S. Saptharishi explained the programme drawn up for the Session which included a visit to the Hydrographic School and a number of social events.

3. Adoption of the Agenda

The Provisional Agenda was adopted with a minor alteration. Item 3 - Comments on the Second Edition of the 'Standards' was taken into consideration of Review of Progress and Review of Course Syllabus.

The Chairman informed the meeting that in pursuance of the decision of the 10 Session, the Government of the USSR to send a representative to the

the Vth Session but had received no response. The Board decided that this would be recorded in the report of this Session as also in the report to be submitted to the 12th I.H. Conference.

4. Consideration of the Final Report of the IVth Meeting and comments arising

4.1 i) The Chairman informed the meeting that a Category 'B' certificate had been awarded to the Royal Australian Navy's course syllabus for 4th Class Hydrographic Surveyors which was reviewed at the 4th Session.

ii) The Director US Naval Post Graduate School was informed through the NFP of the Board's comments on the syllabus which was submitted for review at the previous session. The Chairman had been informed that the syllabus was being suitably modified and will be resubmitted for review.

4.2 Bibliography

The Chairman informed the meeting that the Bibliography, constituting Part II of the revised edition of the 'Standards', has been published and sent to all members of the Board and IHO member states. He wished to record the excellent work done by Mr. W.K. MacDonald of the Canadian Hydrographic Service in compiling the Bibliography.

4.3 Progress of Training Facilities - cooperation with regional centres and other institutions

The Chairman informed the meeting that he had written to the UN Secretariat for UNCLOS offering the Board's assistance in the matter of training of Hydrographers.

4.4 Representation at various conferences

Cdr. C. Don who had presented Cdr. A.E. Ingham's paper at the FIG, 16th International Congress in Montreux, on the work of IHO/FIG Advisory Board, informed members that the paper was well received and appreciated by a large number of Hydrographers who attended the congress. On behalf of the Board, the Chairman thanked Cdr. Don for presenting the paper on the work of the Advisory Board.

5. Consideration of Review Policy

The Chairman explained that responsibility for actually despatching the course submissions to the Board for review should be that of the institutions concerned and not that of the National Focal Point. He explained that the NFP on receiving a course submission from an institution informs the Secretariat of the Board of his intention to submit a course syllabus for its review by the Board. The Secretariat then sends to the NFP a proforma in which the NFP should record his assessment of the course submission. The institute concerned would then be directed by the NFP to send to each individual member of the Board and to the Board Secretariat its course submission together with NFP's remarks. This would facilitate expeditious review by Board members.

In this context there was some discussion whether the institution should be asked to submit the course syllabus only in English. To this the Chairman replied that, whilst he appreciated the difficulty in reviewing course submissions in a language other than English, he could not agree to imposing such restrictions on institutions because both parent bodies of the Advisory Board had English and French as working languages. This view was accepted. As regard to the special form which the NFP should use for reviewing the course syllabi, it was decided that this would form an Appendix to the 'Standards'. The relevant paragraph in the present text of the Guidelines would be amended suitably in due course.

6. Review of Course Submissions

The following course submissions were reviewed by the Board:

1. Course submission received from 'Ecole des Hydrographes' of SHOM, France in respect of training of petty officers of the French Naval Hydrographic Service for Category 'B' Certificate.
2. 4 Year Course programme of Hogere Zeevartschool in Amsterdam for Category 'A' Certificate.
3. Syllabus of the Final Examination of the Royal Institute of Chartered Surveyors for Category 'A' Certificate.
4. Course submission of the Long Hydrographic Specialist course, by the Naval Hydrographic School, Vasco da Gama for Category 'A' Certificate.

Prior to reviewing the above submissions, the Chairman read out comments of the NFPs and those of L'Ingén. Général de l'Armement Bourgoïn and Lt. Cdr. A.E. Ingham, RN (Ret.). In reviewing the course of Hogere Zeevartschool the Board was assisted by the School's representative, Mr. Van Dan. In the case of the RICS submission, the Board took note that the RICS was not a teaching institution but was a professional body conducting examinations in the field of Hydrography. The Indian Naval Hydrographic School had originally submitted two courses i.e. Basic and Long Hydrographic Specialist Course for B and A Category Certificates respectively. After some discussion it was agreed that the two courses together with practical field surveying experience of 2 1/2 to 3 years will be treated as one submission for a Category 'A' Certificate.

6.1 Board's Decisions

In respect of all four course submissions the Board found some differences in the syllabi as compared with the 'Standards'. The Chairman was asked to bring these to the notice of the concerned NFPs and on receiving a satisfactory confirmation on all points, to award the appropriate certificates of recognition. However, in respect of SHOM's submission it was decided that revised syllabus for Section 8 of the Standards would be circulated to Members for their comments before issuing a certificate of recognition.

7. Comments on the Second Edition of the 'Standards'

The Board observed that NFPs in forwarding course submissions had not provided their assessments in an appropriate format. This had resulted in a number of problems. To remove any possible ambiguity in this regard it was decided to amend the second sentence of para. 4.1 on page 7 to read as follows:

"The Secretariat, in turn, will provide the addresses of the Board Members together with copies of the Review Forms for completion by the National Focal Point"

It was noted that the existing second paragraph on page 10 of the "Guidelines" had caused some misunderstanding. To overcome this it was decided to replace the paragraph by the following:

"Before proceeding to the advanced courses, students must complete the minimum standard herein specified. In developing advanced courses, such as those listed below, the Board recommends that subjects identified by an asterisk may be further developed. N.B. Nevertheless these subjects must be covered at the minimum level for the category specified."

It was felt necessary to include auxiliary control in the paragraph on Horizontal Control. The following amendment was therefore done:

Page 19 - Paragraph 6.2 (a) - add after the words "point section",
"auxiliary control (intersection, resection etc.)",

8. Progress of Training Facilities

Cdr. L.L. de Oliveira, BN, informed the meeting of advanced hydrographic courses provided by the Brazilian Navy to foreign students in the past. He added that the Hydrographic Office would shift to a new location this year and would be able to provide training facilities to a greater number of students in the future.

9. Any other business

The Chairman reported that a Report on the Board's activities over the last 5 years would be submitted to the 12th I.H. Conference. The draft of this report would be sent to Members for their comments.

10. Date and Place of next Meeting

It was suggested that the next session of the Board be held in Europe. Cdr. Don kindly agreed to investigate the possibility of hosting the session in the Netherlands. The Chairman was asked to follow up this matter and inform the members.

FIFTH MEETING OF THE IHO/FIG ADVISORY
BOARD ON STANDARDS OF COMPETENCE,
GOA, INDIA, 16-18 February 1982

A G E N D A

1. Opening of the Meeting
2. Administrative arrangements
3. Adoption of the Agenda
4. Consideration of the Final Report of the 4th Meeting and matters arising
5. Consideration of Review Policy
6. Review of course syllabi submitted by Institutions (see list below)
7. Comments on the Second Edition of the "Standards"
8. Progress of training facilities - cooperation with regional centres and institutions
9. Any other business
10. Date and place of next meeting

Ref Item 6

1. Course syllabus of "Ecole des Hydrographes" of France
2. Course syllabus of the Hogere Zeevaartschool, Amsterdam
3. Course syllabus of the Royal Institute of Chartered Surveyors, UK
4. Course syllabus of the Naval Hydrographic School, Goa, India