

# **DRAFT REPORT OF THE XXIst MEETING OF THE FIG/IHO INTERNATIONAL ADVISORY BOARD ON STANDARDS OF COMPETENCE FOR HYDROGRAPHIC SURVEYORS**

Tokyo, Japan, 7- 14 July 1998

## **1. Location and attendance**

The XXIst Meeting of the FIG/IHO Advisory Board was held at the " Hydrographic Department, Maritime Safety Agency" in Tokyo, Japan, from 7 to 14 July 1998. The following were present :

Captain Hugo Gorziglia (IHO) (Chairman)  
Lt. Cdr. Steve Shipman (IHO)  
Rear Admiral K.R. Srinivasan (IHO)  
Mr. Tadao Tatsuno (IHO)  
Dr. David Wells (FIG)  
Captain Federico Bermejo (Secretary) (IHB)

The Board regretted the absence of the Vice-Chairman, Mr.Svante ASTERMO due to other unavoidable commitment.

The Director of the Hydrographic Department, Maritime Safety Agency, Dr. Shoichi OSHIMA, welcomed all participants and wished them a successful meeting.

## **2. Opening of the meeting and adoption of the Agenda**

The Chairman opened the meeting and the Agenda was adopted with some minor amendments.

## **3. Administrative arrangements**

A meeting room and secretarial facilities were provided by the Hydrographic Department, Maritime Safety Agency. The Chairman and the host member of the Board explained the Administrative arrangements and social events scheduled.

On Thursday 9 July, the Board members visited the survey vessel SHOYO, I the port of Tokyo, accompanied by Dr. OSHIMA and other officials of the Maritime Safety Agency..

## **4. Matters arising from previous meetings**

The Chairman introduced this item and the Minutes of the XXth Meeting were approved. A report on the activities carried out during the inter-sessional period was also presented by the Chairman. He mentioned that following the invitation of the relevant Japanese Authorities, he had presented a paper on "International Standards and the work of the Advisory Board" at the Seminar on "Modern Hydrographic Survey Technology", held in Tokyo on 7 July 1998. He also reported that invitation had been received from Rear Admiral Srinivasan (India) to hold the next meeting of the A. Board in India and that this subject, together with the invitation of the Chilean Hydrographer to hold the XXIIIrd meeting in Chile were to be considered under item 14/8 of the Agenda.

Capt. Gorziglia informed the Board that representatives from the University of Technology of Malaysia (UTM) and the Canadian Hydrographic Service had been given some time during the meeting to give presentations on their respective courses/institutions.

These presentations were given on Thursday 9 and Friday 10 July respectively.

Finally the Chairman regretted that no action had been taken by FIG to replace Mr. Alan Yardley, who finished his term at the Board in 1997.

## **5. Reviewing of courses**

### **5.1. Course from the FRUNZE High Naval College (Russian Federation)**

The Board deeply appreciated the effort put in by this institution to submit the comprehensive documentation in English. After careful reviewing of this course, it was decided that more details should be provided on several items identified. The Frunze High Naval College will subsequently be sent a letter, including the list of topics to be clarified or amended, and a new submission will be requested at the next meeting of the Board.

### **5.2. Course from the University of Technology of Malaysia (UTM)**

The Board was greatly assisted in the reviewing of this course by the remarks and explanations provided by Prof. Dr. Ayob Bin Sharif and Mr. Ahmad Shahlan Mardi, who also gave a presentation on the functioning and programmes of the University of Technology of Malaysia (UTM). The course had been submitted for recognition at Category A against the 8th edition of the Standards. It was found that the course fulfilled most of the requirements for recognition. The Board considered, however, that some topics were missing or were insufficiently covered and therefore decided to award recognition on written confirmation that the topics identified were included or would be included in the course. The certificate of recognition would acknowledge the inclusion of Options 2, 5 and 7.

### **5.3. Course “Postgraduate Diploma in Hydrography” of the University of Plymouth, U.K.**

The Board reviewed the above course submitted for re-affirmation against the 7th edition of the Standards and decided to award re-affirmation at Category A level and Specialism in Industrial Offshore Surveys, on written confirmation that some topics identified will be covered in the course. The Board will send a letter to the authorities responsible, including a list of the topics which must be enhanced.

### **5.4. Group Training Course in Hydrographic Survey (M.S.A. and J.I.C.A., Japan)**

This course, submitted for re-affirmation against the 7th edition of the Standards was awarded re-affirmation at Category B and Specialisms 1 and 2 (Surveys for Nautical Charting and Port and Nearshore Surveys) on the understanding that some missing items will be covered in the course. A Certificate of recognition will be sent to the Director General of the Hydrographic Department.

### **5.5 Basic + Long Hydrographic Course of the National Hydrographic School, Goa, India.**

The above course had been submitted for re-affirmation against the 8th edition of the Standards. The Board decided to award re-affirmation at Category A level and acknowledge inclusion of Options 1, 2, 3 and 4. The Board will send a letter to the Indian Hydrographer, including request for clarification of some items. It was also decided that earlier recognition against the 7<sup>th</sup> edition will continue and the Indian Hydrographer will decide on conduct of the course in 7<sup>th</sup>/8<sup>th</sup> editions, depending upon needs and award certificate accordingly. It was accepted that dual editions standards are permissible.

## **6. Review of the Standards of Competence**

It was felt that no fundamental changes were necessary to the 8th edition. It was also felt that adequate time was necessary for institutions running courses to adapt to the new syllabus of the 8th edition. Therefore, it was agreed to maintain the Standards unchanged and have the possible comments or proposed amendments gathered for inclusion in the next edition.

The Board also decided that the following items should be handled by means of letters addressed by the Chairman to :

- 1) relevant educational institutions requesting comments on the application of the Standards. These comments could arise from teachers, students and employers.  
The Board members will also gather such information during the inter-sessional period.
- 2) to FIG Commission IV requesting information about the progress made in the “Education and Training Programme”

An "Errata" page to the 8th edition of the Standards was also built up and will be circulated to the Board members and distributed within the IHO Publication M-5.

Members of the Board were requested to study the following specific items of the Standards and to provide comments to the Chairman and Secretary before the next meeting :

- a) Options : Completion and revision of the present text, with inclusion, if adequate, of new Optional Units.
- b) Stressing the Practical part of the Syllabus
- c) Revision of the concepts Detailed, Practical and Fundamental. In this respect, consideration of the document "Bloom's Taxonomy", distributed by Dr. David Wells, may be useful.
- d) The re-introduction of a "Model Certificate" in the Standards, which includes the acknowledgement given to the Options included in each course.

### **7. Review of Element 3.3 of the IHO Draft Strategic Planning**

At the request of the IHB Directing Committee, the Board reviewed the draft text of Element 3.3. "Training and Education" of the IHO Draft Strategic Planning.

The Board prepared a number of recommendations on the text that will be addressed in a letter from the Chairman to the IHB Directing Committee. On the specific item of dealing with Standards for Nautical Cartography the Board felt that before reaching any conclusion, further consideration should be given and adequate study should be carried out by parent organizations, with the participation of other relevant institutions on this matter. The Board also felt that the present composition of the Advisory Board was not appropriate to cover the subject.

### **8. Replacement of Board members**

It was again regretted the inability of FIG to find a replacement to Mr. Alan Yardley, and it was decided to ask the President of the IHB Directing Committee to discuss this matter with FIG authorities during the next FIG Congress in Brighton, July 1998.

### **9. Election of Chairman and Vice-Chairman of the Advisory Board**

Captain Hugo Gorziglia and Mr. Svante Astermo were unanimously re-elected as Chairman and Vice-Chairman of the Board, respectively, for a further period.

### **10. Date and venue of the next meeting**

It was decided to accept the kind invitation of Rear Admiral Srinivasan to host the next meeting in Dehli, India, from 7 to 14 April 1999. The date and venue will be confirmed at a later date. The invitation of the Chilean Hydrographer to host the meeting in Chile in 2000 was also accepted. The exact date and venue will be discussed and decided at a later date. The Secretary of the Board informed that the International Maritime Academy of Trieste was also willing to host an Advisory Board meeting and it was decided to tentatively schedule this venue in 2001, with further confirmation at a later date.

### **11. Close of the meeting**

There being no other points to discuss, the meeting adjourned at 1200 on 14 July 1998