



IHB File N° S3/1053

CIRCULAR LETTER 20/1978
11 September 1978

STANDARDS OF COMPETENCE FOR HYDROGRAPHIC SURVEYORS

Dear Sir,

In accordance with Decision N° 10 of the XIth I.H. Conference and Resolution N° 1 (Commission IV) FIG XVth Congress (copies at Annexes A & B), the Joint Advisory Board held its inaugural meeting in London, 7-9 February 1978.

2. The international syllabi, together with guide notes, have now been finalized and printed as a joint IHO-FIG document. Copies of the English text are being distributed separately to all IHO Member States and National Delegates of FIG Commission IV. Translation of the document into French is being progressed.

3. In response to the Advisory Board's request, the IHB hereby invites Hydrographers of Member States to assume responsibility as "National Focal Points" and to liaise with their counterparts, nominated by FIG, for the further implementation of the aforesaid resolutions.

4. The Advisory Board envisages that the National Focal Points will disseminate the syllabi to the appropriate educational and training establishments and institutions, both governmental and commercial, within their respective countries. In order to obtain international recognition of training programmes based on these syllabi, the concerned institutions should be invited by the National Focal Points to submit the necessary programmes. Notes on the form in which these programmes should be submitted are included in paragraph 3 of the Guide Notes referred to above. The Board recommends that all correspondence concerning programmes should be routed through the National Focal Points.

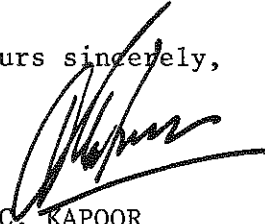
5. The National Focal Points, after first examining the programmes submitted, are requested to forward them, together with their recommendations, to the Advisory Board's secretariat at the IHB.

6. Certificates of Recognition will be awarded to programmes adjudged by the Board to conform to the international standards.

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7. The Board will be grateful to receive from National Focal Points notice of any changes made subsequently to recognized programmes, and any comments in the light of experience gained in the application of the international guide notes and syllabi.

Yours sincerely,



D.C. KAPOOR
Rear Admiral, Indian Navy (Retd.)
Director

Enclosures: Appendices A & B

INTERNATIONAL HYDROGRAPHIC ORGANIZATION (IHO)

XITH INTERNATIONAL HYDROGRAPHIC CONFERENCE 1977

DECISION NO. 10 - REPORT ON EDUCATION AND STANDARDS OF COMPETENCE
FOR HYDROGRAPHIC SURVEYORS

The Conference,

Noting with much appreciation the comprehensive report and syllabi prepared in accordance with Technical Resolution K 2.4;

Recognizing the need for developing and maintaining international standards of competence within the governmental and civil sectors in the hydrographic surveying profession;

Further recognizing that the syllabi, together with the guidelines contained in paragraphs 2.2 to 2.9 of the Report, constitute a means of defining and assessing the standards of competence required in hydrographic surveying;

Resolves:

1. To direct the IHB to approach FIG with the objective of establishing an international advisory board that will report to the IHO and act on behalf of the IHO and FIG. Such a board to be comprised of a small number of persons (a maximum of 8), half nominated by the IHO and half by FIG, being persons of known competence worldwide, in the civil, government and educational sectors of hydrographic surveying.
2. To direct the IHB to approach FIG with the objective of forming national focal points for the purpose of routing information between the international advisory board and the universities, colleges and survey organizations in the various countries.
3. That the international advisory board, when formed, should be given the following terms of reference:
 - (i) To review the syllabi as proposed in the Report and modify, in consultation with the IHO and FIG, as necessary;
 - (ii) To prepare a multi-language reading list of authoritative literature which can be used to expand on the syllabi;
 - (iii) To review at appropriate intervals the recommended standards of education and to update as necessary;
 - (iv) To promulgate the initial and subsequently updated versions of the standards to the national focal points through normal IHO channels;
 - (v) To advise national focal points of its willingness to review any syllabi submitted from a university, college or hydrographic organization;
 - (vi) To review submitted syllabi by the process described in (v) and to provide advice and comment on submitted syllabi being compared with the recommended minimum standards and to provide a certificate of recognition that the programme of an educational institute has met the recommended standards.
4. That this resolution be reviewed at the next Conference.

INTERNATIONAL FEDERATION OF SURVEYORS (FIG)

COMMISSION 4

RESOLUTION NO. 1

The XVth Congress of FIG,

Noting that the joint FIG/IHO Working Group on standards of competence of hydrographic surveyors has completely and efficiently accomplished its task;

Resolves:

- (1) to dissolve the Working Group (N° 413) which was established by the XIIIth Congress and reconstituted by the XIVth Congress;
- (2) to establish, in conjunction with the International Hydrographic Organization (IHO), an Advisory Board on the training of hydrographic surveyors (hereinafter called "the Board");

Further noting the contents of Report N° 204.5 of the XVth Congress, it *directs* that the objectives of this Board shall be as follows:

- (a) To keep up to date the syllabi and the definitions of the minimum standards of competence required for hydrographic surveyors as defined in that Report, bearing in mind the development of hydrographic instruments and techniques and also the development of the general educational standards of those who wish to become hydrographic surveyors.
- (b) To compile a reading list of authoritative literature which can be used to expand on the syllabi.
- (c) To advise FIG and IHO on matters concerning the syllabi and standards of competence, and, through the National Associations (in the case of FIG), to advise the educational establishments.
- (d) To evaluate the adequacy of the syllabi and programmes submitted by educational establishments as measured against the FIG/IHO standards. Where these are found to be satisfactory, such establishments should be given a certificate of recognition jointly by FIG and IHO which will state that these standards have been met.

Further, it directs that the composition of the Board shall be six persons of known competence in hydrography and education, of whom 3 shall be appointed by FIG and 3 by IHO. This Board is to elect a Chairman who will hold office for as long as he is a member of the Board. Those members of the Board representing FIG will normally be appointed by each Congress. The FIG Bureau is empowered, between the Congresses, to replace any member who leaves the Board and to appoint additional members to augment the Board, provided that this is agreed between FIG and IHO.

Further, it directs that the functions of the Board shall be:

- (a) To meet as required by the Chairman and at least once each year. The first meeting should take place no later than mid-1978.
- (b) To report its activities to each Permanent Committee + each Congress of FIG.

Further resolves that the FIG representatives on the Board until the XVIth Congress shall be:

Lieutenant Commander A.E. INGHAM
Mr W.C.J. BURKI
Ingénieur Général J. BOURGOIN.