



**FIG/IHO/ICA ADVISORY BOARD ON
STANDARDS OF COMPETENCE FOR
HYDROGRAPHIC SURVEYORS AND
NAUTICAL CARTOGRAPHERS**

May 25 2004

FIG Working Week, Athens

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Background

FIG 1971, Wiesbaden
IHO 1972, Monte Carlo
1974 combined workinggroups
Advisory Board formed 1977 Sweden and
Monaco

ICA 2001, Beijing, China
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MISSION

**TO PROVIDE GUIDANCE TO THE
INTERNATIONAL HYDROGRAPHIC
COMMUNITY ABOUT HYDROGRAPHIC
EDUCATION**

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**VISION:
TO IMPROVE THE
LEVEL OF INTERNATIONAL
HYDROGRAPHIC COMPETENCE**

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Work of the Board

Review and update the Standards

IHO publ M-5 ninth edition

IHO publ M-8 first edition

Review courses submitted to the Board

- Hydrographic Surveying
- Nautical Cartography

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Terms of reference

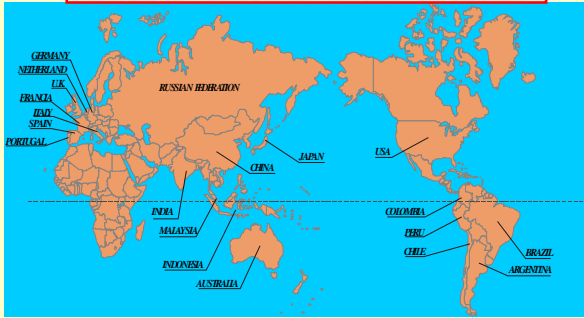
- 4 FIG members
- 4 IHO members
- 2 ICA members
- secretary provided by IHO
- review standards and courses
- review procedures of submission
- communicate with FIG, IHO and ICA
- normally meet once a year

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GEOGRAPHIC DISTRIBUTION OF RECOGNIZED COURSES



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HISTORICAL RECORD OF COURSES SUBMITTED TO THE A. BOARD

• (Since 1988)

- Japan Advanced Course MSA USA NAVOCEANO
- Chile H.O. . France.Bordeaux
- Kaijohoan-Cho Suiro-Bu Tsukiji 5-chome, Chuo-ku. TOKYO 104-0045. Japan
- Naval Meteorology and Oceanography Command
- STENNIS SPACE CENTER. Mississippi 39529-5005. USA
- Université de Bordeaux
- Germany. Hamburg Chile H.O.
- Indonesia ITB Brazil H.O.
- France (ENSIETA) Canadian Hydrographic Service
- New Zealand The Hong Kong Polytechnic University

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HISTORICAL RECORD OF COURSES SUBMITTED TO THE A. BOARD(cont)

- Institut Teknologi Bandung Indonesia
- Australia H.O. NSW 2521
- Launceston, Tasmania Kepala Dinas Hidro-Oseanografi
- Dalian Naval Academy Trieste (Italy)
- UK (Basic Course for Officers) Peru. H.O
- Portugal H.O RN Hydrographic School
- Perú France (EPSHOM)
- India. Long Course Japan Advanced Course MSA
- Launceston, Tasmania Netherlands (Amsterdam)
- Malaysia (UTM) Spain H.O.
- Venezuela Colombia H.O.
- Argentina H.O. Tunisia H.O.
- Colombia Russia «Makarov»

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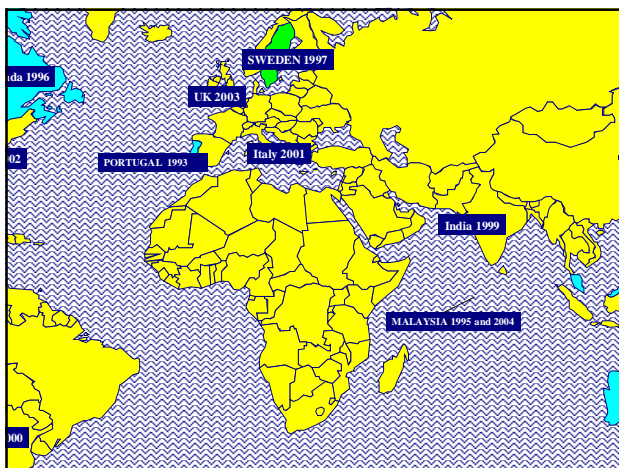
Members of the Board

- FIG:** Hydrographer Tiina Tuurnala, Finland
 Chief Surveyor Gordon Johnston, UK
 Professor Dr. David Wells, Canada
 Professor Dr Mohd Razali Mahmud, Malaysia
- IHO:** Captain Andy Armstrong, USA
 Hydrographer R.B. Jayaraman, India
 Professor Dr Luciano Surace, Italy
 Professor Dr Delf Egge, Germany
- ICA:** Hydrographer Ron Furness, Australia
 Professor Dr Lysandros Tsoulous, Greece
 Secretary: Captain Federico Bermejo, IHB, Monaco

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Comments

A very important Advisory Board
 University people and hydrographers
 All contribute with his or her experience
 Interesting co-operation
 Good work with good friends

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