

FIG Congress in Washington, 19-26 April 2002

**COMMISSION 4
HYDROGRAPHY
WORK PLAN 2002 – 2006**

1. Title

Hydrography.

2. Terms of reference

- Hydrographic surveying
- Hydrographic education, training and CPD
- Marine environment
- Data processing and management
- Nautical charting and bathymetric maps – analogue and digital, includes ENC's (Electronic Navigational Charts).

3. Mission statement

- Promote the aims and objectives of FIG to hydrographers through the active involvement of national delegates from member associations and other interested parties in the activities of the commission.
- Foster closer links with all sister organisations currently active within the global hydrographic community.
- Develop guidelines and standards that will assist hydrographers in the provision of their services.
- Disseminate information relevant to the profession through participation in international meetings, conferences and committees.

4. General

Commission 4 is committed to achieving both the long term and immediate aims and objectives of the FIG organisation. The commission strategy over the next four years is aligned with that of the incoming Council and will include –

- Closer links and co-operation with other FIG Commissions, including joint working groups
- The development of best practice guides in Hydrography
- Actively support and participate in FIG regional events

5. Working Groups

Working Group 4.1 – Strategic Partnerships

Policy issues

- Actively pursue closer links with sister organisations, especially IHO and THS
- Increase co-operation between international surveying bodies (IHO/FIG TACC and IHO/FIG/ICA Advisory Board)

Chair

TBC

Specific project(s)

This is a time of major change within the institutions and organisations of the global hydrographic community. Thus providing a unique opportunity to redefine both the informal and formal links with the specific aim of creating a lasting co-operation and a sharing of knowledge and resources.

Workshop(s)

Presentations at FIG working weeks and other hydrographic conferences.

Publication(s)

Internal and external progress reports will be prepared, working towards the development of more formal agreements.

Timetable

2002-2004.

Beneficiaries

Commission delegates, commission officers and hydrographic surveyors world wide.

Working Group 4.2 – Sustainable Development in Hydrography

Policy issues

- Develop and promote sustainable development in hydrography.

Chair

TBC

Specific project(s)

- Identify hydrographic activities that contribute to sustainable development with emphasis on the coastal zone.
- Work with sister organisations, namely IHO & THS, to increase awareness of sustainable development issues and promote hydrographic best practice. In particular, to explore how best to combine resources and effort through existing groups and committees, e.g, TACC.

Workshop(s)

As required

Publication(s)

None expected. However, brief internal reports will be prepared

Timetable

2002 - 2006

Beneficiaries

Developing countries, Commission delegates / officers and hydrographic surveyors.

Working Group 4.3 – Coastal Zone Management (CZM)

A Joint Working Group with Commission 7

Policy Issues

- To develop and promote Coastal Zone Management in hydrography to include Ocean Governance and Marine Cadastre.

Chair

TBC

Specific project(s)

- To encourage and co-ordinate future developments in CZM, including boundary delimitation, maritime jurisdiction and marine spatial data infrastructures.

Working Group 4.4 – Education and CPD

A Joint Working Group with Commission 2

Policy issues

- Hydrographic education & CPD.

Chair

Adam Greenland.

Specific project(s)

- Education & CPD seminars at FIG Regional events

Workshop(s)

As required

Publication(s)

None

Timetable

2002 - 2006

Beneficiaries

Hydrographic surveyors.

6. Co-operation with Sister Organisations

FIG/IHO Committees

Commission 4 represents FIG in two FIG/IHO standing committees: the Technical Assistance and Co-operation Co-ordination Committee (TACC) and the International Advisory Board on Standards of Competence for Hydrographic Surveyors (jointly with IHO and ICA).

Note: The IHB is due to be re-elected in early 2002. Commission 4 is planning to meet with the newly elected Bureau to discuss how Commission 4 and the IHB may co-operate more closely in the future. It is intended that TACC will contribute towards sustainable development within developing countries – see Working Group 4.2.

The objectives of TACC are

- to promote the importance of hydrography and nautical charting to all coastal states

- to encourage the provision of technical and financial assistance to hydrographic development projects
- to maintain an inventory of hydrographic projects involving technical assistance and co-operation.

During the work plan period Commission 4 will actively participate in the activities of TACC

Commission 4 is seeking new members to represent FIG on TACC.

The role of the International Advisory Board on Standards of Competence for Hydrographic Surveyors is

- to develop and up-date international standards of competence for hydrographic surveyors
- to review the academic programme of educational institutions that are seeking IHO accreditation of their hydrographic programmes.

Commission 4 delegates to the Advisory Board will participate actively in its work during the next four years.

7. Co-operation with the United Nations Agencies

Commission 4 will participate in the co-operation with the United Nations agencies on topics that are related to commission expertise (e.g. marine cadastre) and on guidance by the Council.

8. Other Activities

Maintain and develop the commission web page, linkages to other relevant home pages and new pages or other networks for special projects, to keep commission delegates, other FIG members, users of surveying services and the public involved in and informed about the work of the commission.

9. Calendar of Events

2002 FIG XXII Congress Washington DC, USA
 CHC2002, May – Toronto, Canada
 Hydro 2002, October – Kiel, Germany

2003 FIG Working Week Eilat, Israel
 FIG Regional Meeting, Cambodia
 7th SE Asian Survey Congress, November - Hong Kong

2004 FIG Working Week, Athens, Greece

2005 FIG Working Week 7-12 May, Cairo, Egypt

2006 FIG XXIII Congress, Munich, Germany

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