

**Report for the 27<sup>th</sup> General Assembly  
FIG Working Week in Athens, May 2004**

**Commission 1 – Professional Practice and Standards  
Report on Activities 2003 – 2004**

**1. Achievements and Activities since Paris Working Week**

At the Paris working week Commission 1 had a strategic meeting. All working group leaders (Commission Vice Chairs), Vice President Bettina Petzold and the secretary participated. At this meeting we proved the objectives of our work plan and fixed the next steps for the remaining period. At the following annual commission meeting only 2 (two) delegates turned up. Nevertheless from Commission 1 point of view the working week was a success with the presentation of good papers. The commitment of commission members continued with several presentations at the regional meeting in Marrakech and preparation for the working week in Athens.

Following you may notice the specific achievements of the working groups:

**2. Working Group 1.1 – FIG Standards Network**

**1. Introduction**

The FIG Standards Network was set up as a result of a decision at the 2002 General Assembly. It grew out of the FIG Task Force on Standards and was designed to provide an FIG focus on this important area, which is a key part of the previous and current Council workplans.

This brief report summarises Network progress since the 2003 General Assembly, and its immediate plans.

**2. FIG policy**

FIG's policy on standardisation was ratified at the 2001 General Assembly. The key parts of that policy read as follows:

'Overall, FIG's aim in the field of standards is to assist in the process of developing workable and timely official and legal standards covering the activities of surveyors. FIG is also committed in its objectives to developing the skills of surveyors and encouraging the proper use of technology, activities which are becoming increasingly shaped by standards.

FIG will generally seek to ensure that *de facto* standards become official standards as technology matures, or at the very least that all relevant official, legal and *de facto* standards are produced in full knowledge of all other related material.

FIG sees the following roles for professionals in the standardisation process:

- Assisting in the production of workable and timely standards by proposing material which can be transformed into international standards (rather than relying on work developed by others) and by participating in the process of developing standards; and

- Disseminating information and creating explanatory material and guidance notes to ensure that all members of FIG are aware of the most recent standardisation activities, standards and regulations, and their implications for surveyors.’

### **3. Terms of reference and membership**

The terms of reference of the Network are set out in the FIG Guide on Standardisation and are as follows:

- Building and maintaining relations with the secretariats of standardisation bodies;
- Proposing priorities on FIG’s standardisation activities, including advising the Council on priorities for spending;
- Setting up necessary Liaison relationships with standardisation bodies;
- Ensuring that lead contacts to Technical Committees etc are in place;
- Maintaining an information flow on standardisation to FIG members, including through the FIG website and FIG Bulletin, and more directly to relevant Commission Officers;
- Maintaining the Guide on Standardisation, and related material on the FIG website;
- Working with other NGOs, within the framework of the MOUs signed by the Council; and
- Advising FIG’s officers and members on standardisation activities as necessary.

The Network sees itself as at the hub of FIG standardisation activity, making the necessary linkages and providing the necessary advice to commissions and others. Strong links between Network members and ‘their’ commissions are a vital part of this.

Network membership as at January 2004 was as follows:

C1	Iain Greenway (Chair)
C2	Frances Plimmer
C3	Martin Scheu
C4	Andrew Leyzack
C5	Rudolf Staiger
C6	Alojz Kopacik
C7	Winfried Hawerk
C8	Vacant
C9	Brian Waldy
C10	Phil Shearer
ISO TC211	Larry Hothem

Most Commissions actively participated in the work of the Network. An attempt to elicit information from Member Associations with regard to their involvement with standardisation activity, however, was less successful, with only a handful of replies being received.

### **4. Progress in the last 12 months**

The Network held a productive meeting at the Paris working week. Since then, members have maintained a grid summarising Commission work relevant to standardisation. This grid has also included ISPRS activity in this area, but has been unsuccessful in including information from other sister societies. The grid has proved a useful means of capturing information concerning the links between the work of the various Commissions and standards, and a copy is available from the FIG website.

Key areas of activity were reviewed and agreed in Paris. They are listed below, along with progress against each of them:

### Instrument standards (ISO TC172 SC6) – continuing FIG’s input – C5

With the retirement of Jean-Marie Becker, it has been necessary to find a suitable FIG expert to the work of this Technical Committee. Commission 5 has proposed, and the Council has accepted, that Hans Heister take this role, and this is currently being notified to ISO. With this appointment, FIG will once again be active in ISO’s work on survey instruments.

### International Valuation Standards – continuing to build the relationship – C9

Brian Waldy has taken the lead for FIG in this work and has maintained contact with IVSC. Whilst channels of communication have thus been kept open, little substantive contact has taken place between FIG and IVSC, and this will be discussed with Commission 9 in Athens to ascertain what the next steps should be.

### ISO TC211, particularly

During the last year, FIG has remained actively engaged in the work of ISO TC211, with Iain Greenway attending the TC meetings in May and October 2003. During the latter, he gave a presentation to the TC and other interested parties on the standards work of FIG.

#### ▪ **Outreach – all Commissions**

Iain Greenway and Gerhard Joos are FIG members of the TC211 Outreach Group. The work of this Group during the year has included redesigning TC211’s website, introducing a TC211 newsletter, creating ‘Fact Sheets’ for each TC211 standard, and arranging meetings and seminars to explain the standards being created by TC211. It was planned to have such a meeting in conjunction with the Athens Working Week, but this has not proved possible because of TC211’s meetings during the same week in Kuala Lumpur. Plans are under discussion, however, for such a session at the Cairo Working Week.

#### ▪ **Cadastre and standards – C7**

Various members of Commission 7 have been active in promoting the concept of a standard domain model for the cadastre, work that is also of interest to OGC and TC211. There has been little concrete progress on this to date, and meetings are planned in Athens to discuss the next steps.

#### ▪ **Certification of personnel – C1/2**

FIG has remained involved in the TC211 work on the qualification and certification of personnel. Iain Greenway participated in the on-line editing committee for the document, publication of which is now imminent. Various discussions have taken place, within FIG and beyond, as to the appropriate next steps, and it has been agreed in principle that FIG should seek to show working models of mutual recognition, something which is in hand in Commission 2. No further activity in this area is expected from TC211 in the immediate future.

#### ▪ **Location based services – C3**

Commission 3 has continued to keep a watching brief on the Location Based Services element of the work of TC211.

### Hydrographic standards – C4

Andrew Leyzack has promoted discussion of this subject within Commission 4, with areas of concern including calibration and testing of hydrographic survey equipment.

## Influencing the development of standards in the construction area – C10

Little progress has been made in this area, although useful connections have been made with related work (and these are recorded in the grid of standardisation work).

## Maintaining links with the Council World Report on Good Practice

Informal contact with this work has been maintained

## **5. Summary**

The last 12 months have seen the consolidation of FIG's agenda on standardisation with good progress being made in a number of areas. During the 2004 working week, the Network will continue the process of developing a clear shared understanding of FIG's priorities and required actions in the area of standardisation, and will continue to shape this as a common agenda with the Commissions.

The commitment of the Council and of the Commissions to this ongoing work is appreciated and acknowledged.

### **Iain Greenway**

Chair, FIG Standards Network

## **3. Working Group 1.2 – Professional practice and organisational structures**

### Policy issues

- Widening professional activities, overcome restrictions
- European and world-wide limitations, monitoring the legal development (i.e. GATS, EC Treaty, other relevant policies).
- Dialogue between politicians and surveyors, as well as public private partnership.
- **Development policies, Co-ordination of projects and programs in the field of survey and land management**

### Specific projects

- Fundamentals of legal frameworks to be presented in a paper. (**Washington 2002, Legal Framework of Conditions with respect to International Surveying Activities**), (**Frankfurt Intergeo 2002, Legal Framework of Conditions with respect to International Surveying Activities**)
- Professional studies, business structures, bans or restrictions to be investigated. Facts to be collected for development of a paper. (**Paris 2003, Development Policy and its Influence on Cadastre Systems and Land Management**) (**Marrakech 2003, Co-chair of session**) **Personal Education and Formation of M. Keller (International Development, Nachdiplom in Entwicklungszusammenarbeit an der ETH Zürich, Switzerland)**
- Recommendations on behalf of less developed countries, acknowledgement by developed countries, how structural and legal processes might be possible. Models to be proposed. (2004). **In addition, international Co-operation in projects and programmes in surveying and land management activities. No paper for Athens in preparation, but**

**participation at regional conference in Jakarta (October) with paper concerning Co-operation in projects and programmes in surveying and land management activities.**

- Acknowledgement of the requirements of governments /survey departments – necessary information provided as a basis for surveyors to deal with the legal developments and future requirements. (2005). **In addition proposals to FIG concerning Co-operation and leading consultancy in projects and programmes in surveying and land management activities**
- Review Publication 29 on Business Practices and determine whether there is a need to update it. (2005)
- **In addition proposals to FIG concerning Co-operation and leading consultancy in projects and programmes in surveying and land management activities**
- Synthesis of the research undertaken (Munich 2006)

### Publications

- Fundamentals of legal frameworks paper - 2002
- Professional studies, business structures, bans or restrictions, results of investigations. – 2003 - **(Paris 2003, Development Policy and its Influence on Cadastre Systems and Land Management)**
- Report on work and findings – Munich 2006

### Timetable

The Working Group will continue until at Congress in Munich in 2006 **Due to difficult collaboration and experiences made by other working groups – I shall work on my own on the program until 2006.**

### Final report

During the Munich Congress

### Beneficiaries

- Surveyors and surveying practices;
- Other professionals working in land management and development;
- Member associations and sister associations;
- All Commissions;
- Universities and educational organisations.
- **Development organisations**
- **International development banks**

**Michael Keller**

Chair of WG 1.2

Switzerland, e-mail: mkeller@ipg.ch.

## **4. Working Group 1.4 – International project management**

### **Overview**

The work over the past year is detailed below under the projects identified in the work program. A small core group has been formed for this working group with the aim of increasing membership as the program builds and develops.

#### Projects identified in work plan

Development of a project management resource detailing the major facets of project management delivery as it applies to the profession using an interactive review process with FIG Member Associations.

Research case studies in project management across regions of the world with the aim of preparing a resource for use by members in learning and discussing project management issues.

#### Action undertaken:

Connections established with related organisations with an interest in project management, this includes the Australian Institute in Project Management and associated Academic faculties. Negotiations underway with on sponsorship for the work of this group and there is interest in developing options for a joint seminar.

Review underway to determine if there is any specialist facility that tackles this subject matter as an area of special interest with a view to finding resources that can be used for research and in the preparation of case studies. Rather than reinventing the wheel it is exploring avenues for sharing information

Survey developed for FIG members on the use of project management in land management organisations in their countries to establish usage patterns for project management, activities currently project managed and the project management model used. This is being administered in a variety of forms person, by telephone or electronically. This is being done on a progressive basis with the preference for person to person interviews if possible.

Focus this year has been on land management organisations undergoing change as change like death and taxes is something that we all experience sooner or later. A paper has been prepared for the Working Week in Athens that will explore what makes a major change project successful. Many times the step is taken to make a major change particularly when introducing new technology and the result is a failure or limited success. Often similar projects undertaken in similar ways can have vastly different results. It will look at the reasons for difference and identify some change actions that can be taken to improve the chances of success.

#### Projects identified in work plan

Produce a communication and marketing plan for Commission 1 activities to support its work and ensure that key messages are being received by member organizations and that two-way communication channels are operating.

### Action undertaken

This has been waiting on feedback from Commission 1 delegates and also FIG initiatives. The aim is to enable people interested in Commission 1 activities to be involved in a community of interest to share and support each others knowledge and information sharing.

### Projects identified in work plan

Establish a collaborative work site to develop a community of interest group that can work across member organizations to share information on current best practice and quality management in theory and practice.

See action under the project above. To be further developed, now in year 3 as per initial plan.

### **Leonie Newnham**

Chair of WG 1.4

## **5. Joint Commission Working Group WG 1.5 – Under-represented Groups in Surveying**

The quarterly Newsletter has been continued. Since the Working Week in Paris 3 issues were published, the last one in January. All newsletters are available on the FIG homepage. The number of members of the Working Group mailing list now is 88.

During the FIG Working Week in Paris the Working Group organised a workshop to discuss guidelines for FIG. The goal was to enhance the involvement of under-represented groups in all activities of FIG and to implement gender mainstreaming in FIG's work. The participants agreed that it is very important for FIG to involve all member association in FIG activities. Different cultural backgrounds are an enrichment and not a disadvantage. Communication is therefore a significant subject and it is important to solve language problems.

The group discussed several subjects, especially how to increase the number of young delegates within FIG. Following proposals were made:

- Reduced fees for students
- A students meeting on the first day
- Competitions encouraging students to present a paper
- Sessions for young researchers – doctoral sessions
- Posters of students should be presented in a room where a reception for all delegates takes place
- Links between practitioners and students; mentoring programs
- FIG academic members should provide English lessons and/or translations.

During the FIG Working Week in Athens the Working Groups organises a Workshop "*Network on Underrepresented Groups in Surveying*" with 3 presentations and discussion:

- WS1.1. Eleni Tziortzioti and Anne Karagiannaki (Greece): The Women in Greece Working and Developing the Surveying Profession
- WS1.2. Gabriele Dasse (Germany): Gender Mainstreaming – A Topic for the Surveying Profession
- WS1.3. Ali Buxton, Pat Turrell and Sara Wilkinson (United Kingdom): Why Do Women Like Working in Building Conservation

## **Contents of the Working Group Newsletter**

### FIG

- Open Workshop Wednesday April 19 during the FIG Working Week in Paris
- Minutes of the Working Group Meeting Under-represented Groups in Surveying during the Working Week in Paris April 2003

### National Associations

- Promoting geomatics in the UK, by Rosie Waddicor, Dr Jon Mills, Prof. David Parker, UK

### International organisations

- Handbook on Best Practices, Security of Tenure and Access to Land - Implementation of the Habitat Agenda
- UN-HABITAT's Land and Tenure Section UN

### Universities

- The Survey Program in Sweden – A Gender Perspective, by Linnéa Lindqvist and Jennie Nilsson, Sweden

### Surveying Profession

- Global Network for Female Surveyors by Sara Wilkinson, UK

### Political Decisions

- Annual Report on Equal Opportunities for Women and Men in the European Union 2002

### Personalities

- In Memoriam: Mary C. Feindt: Article by Wendy J. Woodbury Straight; USA, Note by Robert W. Foster, USA; Note by Gabriele Dasse, Germany
- Gabriele Dasse, Germany
- Bernadette M. Gitari, Kenya
- Analía Argerich, Argentina

### **Gabriele Dasse**

Chair of WG 1.5