

**Report for the 26th General Assembly
FIG Working Week in Paris, 13-17 April 2003**

**Commission 5 – Positioning and Measurement
Report on Activities 2002 – 2003**

1. General

As with all Commissions, 2002 has been a year of transition from the previous term 1998-2002 to the new term 2002-2006. Activities of Commission 5 during 2002 include:

- In April, the 25th General Assembly in Washington DC approved the Work Plan for 2002 to 2006.
- The Chairs of the new Commission Working Groups were all present in Washington. The Commission Chair and the Vice Chairs form the Steering Committee for the Commission. The Steering Committee met in Washington to fine tune the Work Plan prior to final approval by the General Assembly.
- There was also a General Meeting of Commission 5 in Washington. It was pleasing to see that several people attending a Commission meeting for their first time expressed interest in participating in one of the new Working Groups.
- During the Congress in Washington there were 13 Technical Sessions on Commission 5 topics. The Commission was also involved in 2 Joint Sessions with other Commissions.
- During 1998 to 2002, the Commission 5 web pages were hosted by the National Land Survey of Sweden. In May 2002, Mikael Lilje (past Commission Secretary and new Co-Chair of Working Group 5.2) and the Commission Chair worked with the Director of the Permanent Office to establish new pages on the main FIG web site and transfer relevant content from the Swedish site. The format is now consistent with the rest of the FIG web site and also enables easier maintenance by the Permanent Office.
- The International Symposium on Geographic Information Systems, GIS 2002, in Istanbul in September 2002 was organised by Commission 3. Commission 5 was a co-sponsor of the event and several papers dealt with the application of Positioning and Measurement technology and techniques to Spatial Information Management issues.
- Commission 5 continues to be committed to liaison between FIG and ISO through Working Group 5.1 on Standards, Quality Assurance and Calibration, chaired by Rudolf Staiger. ISO 17123 (Field procedures for testing geodetic and surveying instruments) was released in 2001 and promoting and explaining this new standard to FIG members is a current focus of the Working Group. The Chair and several members of the Working Group represent the Commission at Standardisation meetings and conferences. The Working Group Chair is also the Commission 5 member on the FIG Standards Network.

- The Commission Chair and Steering Committee have been heavily involved in preparation of the Technical Programme for the Working Week in Paris. Michel Kasser, (Co-Chair of Working Group 5.2), is also on the Local Organising Committee. Commission 5 is involved in 4 of the Technical Sessions with a total of 17 presentation papers and 11 poster papers.
- Naser El-Sheimy, the Chair of Working Group 5.3 on Integrated Positioning, Navigation and Mapping Systems is closely involved in organisation of the 9th International Symposium on Mobile Mapping Technology to be held in Kunming, China, August 25-27, 2003. FIG co-sponsors this symposium with its sister associations ISPRS and IAG.

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Commission web site: <http://www.fig.net/figtree/commission5/index.htm>