

ICSM NEWS - June 2002

ICSM held its first meeting for the year 2002 in Cairns on 6 to 7 June 2002.

Changes within ICSM

Paul Harcombe the New South Wales (NSW) Member has taken over from Peter Ramm (Victorian Member) as Chairman. Paul Harcombe is currently the Chief Surveyor of NSW with the Land and Property Information (NSW) – the State Business Enterprise providing land, property and valuation information and services, based in Bathurst.

ICSM welcomes their new Executive Officer, Alla Metlenko. Alla Metlenko comes to ICSM with a vast range of experience in Land Information, Remote Sensing and GIS. She has over four years of professional work experience with the National Mapping Division (formerly known as AUSLIG) of Geoscience Australia in Maritime Boundaries and Remote Sensing Account Management. She has a Bachelor Degree in Land Information majoring in Land Surveying, and a Master Degree (by Research) in Remote Sensing and GIS.

ICSM farewells Chris Rowe (Tasmanian Member), and Graeme Rush (Queensland Member). Chris Rowe has been an ICSM Member since its inception in 1988, whilst Graeme Rush has been a member since 1996. Both Chris and Graeme will be duly missed, as both former Chairmen and Members their combined contributions have been enormous and won't be forgotten. Thank you Chris Rowe and Graeme Rush and good luck in your future endeavours.

ICSM welcomes Dr Russell Priebsenow, Director Cadastral Policy, from the Department of Natural Resources and Mines in Queensland. Russell will take over from Graeme Rush as the new Queensland Member.

What's in a Name?

The Committee for Geographical Names of Australasia (CGNA), a permanent Committee of ICSM, has produced a video on geographic place naming. The video was developed in order to help promote and educate the community on how geographic place names are determined; their history and heritage; and how they have shaped and continue to shape the Australian culture as we know it.

The video stars Ernie Dingo who informs the audience on the significance of geographic place names in the community and invites viewers to participate in the naming process.

The target audience are those who are interested in mapping, history or cultural issues. Suitable viewing for all ages. An excellent education tool for Governments, Educational Sectors, Cultural Interest Groups and Map Users.

The video and CD-ROM (which has the same material as the video) will be produced for National distribution through State and Territory Naming authorities and ICSM. Both the video and CD will be available later this year. For a free copy of the video or CD-ROM contact your nearest CGNA Member listed at: <http://www.anzlic.org.au/icsm/cgna/cgnacont.htm>.

Mapping is Back

To provide a National view of all topographic mapping programs, at the various scales, throughout Australia and possibly New Zealand is a task ICSM has set itself.

The initial aim is to bestow an overview of all topographic mapping activities that are currently being undertaken at various scales within each State, Territory and at the National level. The secondary aim is to incorporate information about forward topographic mapping programs.

Once collected and collated, all this information will be available from the ICSM web site.

This initiative will lead to a more coordinated approach to topographic mapping, help minimise duplication and possibly lead to new mapping ingenuities.

Tidal Workshop

ICSM's Permanent Committee on Tides and Mean Sea Level (PCTMSL) are planning a three to four day *Tidal Workshop* in late October 2002 at the National Tidal Facility Australia (NTFA) in Adelaide.

The intent of the workshop is to defuse tidal knowledge to new comers. The workshop will be run by PCTMSL and NTFA Members who have decades of experience in tidal matters and a wealth of knowledge too valuable to lose.

For more information contact Wayne Jones, Head Tidal Section, Australian Hydrographic Office on (02) 4221 8645.

New GDA94 CD Out Soon

A new version of *Going Geocentric* CD-ROM is due for release at the end of August 2002. It will contain the latest versions of transformation tools and technical

information required to support GDA implementation. These include:

- The final National Transformation Grids;
- The GDA Technical Manual;
- Transformation software GDAit, GDAY and GEOD ;
- Information brochures;
- Fact sheets;
- Software development tools;
- The *Going Geocentric* video; and
- A map reading guide.

Members of the GDA Implementation Group will be responsible for distributing it to organisations within their jurisdictions. Copies will also be available from ICSM.

Native Title Update

The Native Title Working Group's main aim is to contribute to increase *certainty* with respect to native title rights and interests. It endeavours to achieve this by promoting the adoption of appropriate methods for defining native title interests and recording and exchanging relevant information about native title interests.

To date, jurisdictional lead agencies have been engaged through contact with Native Title Working Group Members, including the National Native Title Tribunal (NNTT).

Ten groupings of events that impact native title interests have been identified and categorised by the working group, these comprise:

- Native title claimant applications and what is claimed within them;
- Indigenous Land Use Agreements (ILUAs);
- Native title determinations;
- Non-claimant applications and section 24FA protection;
- Land to which the non-extinguishment principle applies;
- Compulsory acquisition of Native Title;
- Surrender of native title;
- Opinions concerning land on which Native Title has been validly extinguished;
- Right to negotiate process; and
- Compensation applications.

Now that these events have been recognised, work will proceed on identifying the relevant data types and attributes that are significant to each of these events. Once defined and established these will be used to populate a National Data Model of Native Title information.

For more information on Native Title Working Group activities contact Dr Russell Priebbenow on (07) 3224 7650. Web pages outlining Native Title Working Group

activities will soon be available from ICSM's web site (www.anzlic.org.au/icsm/).

New Version of SP1 Out Now!

The *Standards and Practices for Control Surveys*, frequently referred to as Special Publication 1 (SP1), is maintained by the ICSM's Geodesy Technical Sub-Committee. It is widely used by Government and private organisations to provide definitive standards for the quality of control surveys and as a guide in using various technologies to obtain those standards. There have been several editions of this publication since it was first produced in 1990, the latest released in June 2002 (version 1.5).

A major change in version 1.5 is the inclusion of *Positional and Local Uncertainty*.

Positional Uncertainty is a new and easily understood method of expressing the accuracy of positions, particularly those obtained independently from the surrounding survey network (e.g. Geoscience Australia's on-line GPS positioning service – www.auslig.gov.au/geodesy/sqc/wwwgps/).

Local Uncertainty will gradually replace *Order* as a means of expressing the relative accuracy of positions.

Although SP1 is aimed at surveyors, measurements of positional accuracy may be applicable and of use to other disciplines.

Version 1.5 also removes sections referring to superseded technology and links to other more up-to-date information in the GDA Technical Manual (www.anzlic.org.au/icsm/gdatm/index.html).

Standards and Practices for Control Surveys version 1.5 is now available and may be downloaded in PDF format from ICSM's web site (www.anzlic.org.au/icsm/publications/sp1/sp1.htm)

Future Events and Where to go for More Information

ICSM will be reporting and participating in the upcoming ANZLIC meeting, 23-24 July, in Canberra.

ICSM's next meeting will be held late November 2002, in Adelaide. The next *ICSM News* will therefore be published early December 2002.

If you want to know more about ICSM and what it does visit our web site at www.anzlic.org.au/icsm or contact ICSM's Executive Officer on (02) 6201 4292 or e-mail icsm@auslig.gov.au.