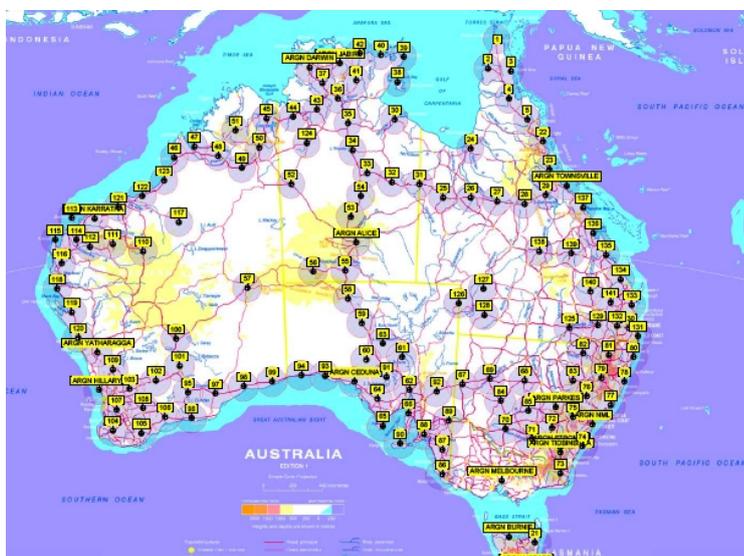


ICSM NEWS – February 2012

What's New – GTSC Strategic Plan, e-Geodesy and GDA

The ICSM Geodesy-Technical Sub-Committee (GTSC) has revised its five year strategic plan. The plan incorporates a strengthening of the National Positioning Infrastructure (NPI) to facilitate real-time, centimetre-level positioning services regardless of location. It also incorporates the transition to multi-constellation GNSS use in Australia. However actually delivering this vision will depend on improvements in the way information and observations are shared between the various government and private-sector organisations that manage positioning infrastructure including Continuously Operating Reference Station (CORS) networks.

GTSC has been developing a conceptual approach that addresses this problem. They call it e-Geodesy, and it is essentially a system of standards, protocols and web-services for transferring, managing and linking data and business processes for the administration of geodetic datum and infrastructure. In practice, this will mean that when a CORS network operator modifies a tracking station, for example replaces an antenna, the change entered once into the responsible agency's database will be automatically shared with other participants via a web-services approach. E-Geodesy might also be used to maintain survey mark databases allowing survey observations to be automatically shared and dynamically readjusted in a unified national manner. All this means that with e-Geodesy at its core, and a reinvigoration of the National Positioning Infrastructure, Australia can look forward to a modernised national datum that supports centimetre level positioning across the country in the future.



Planned AuScope GNSS CORS receiver sites.
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PCTI Strategic Plan tabled

The PCTI Strategic Plan 2011-2015 was created in collaboration and consultation with all PCTI members and provides the basis for addressing PCTI's responsibilities under the terms of reference.

This Strategic Plan aims to achieve the following outcomes:

- Authoritative national topographic datasets
- Enhanced collaboration and efficient use of resources
- Vibrant, innovative and responsive government spatial data sector

The PCTI Strategic Plan 2011-2015 will provide the foundation to review and evaluate progress against key activities and actions to be undertaken over the next 3 years

Impact of Broadband Rollout on Survey Marks



NBN Co has entered into an agreement with SILCAR Pty Ltd for design and construction of national broadband infrastructure worth over \$380 million in Queensland, NSW and the ACT. Representatives from ICSM met with SILCAR in September 2011 to discuss ways in which the survey infrastructure could be preserved during this major project. SILCAR advised that it is their intention to undertake as little excavation as possible for this project, preferring to use existing telecommunications conduits or overhead installation. This will minimise the threat to survey marks. In those areas where it becomes necessary to excavate, the relevant jurisdiction will make information available about survey marks that are known to be in the area.

New ICSM website coming soon

The Australian Government Information Management Office (AGIMO) is requiring all Australian government websites to comply with Web Content Accessibility Guidelines (WCAG2.0) during 2012. As part of ensuring that the ICSM website complies with the new guidelines, a new design has been created that will make navigation through the site easier for all users. When the changeover occurs, most bookmarks should remain unaffected, however if you do experience any difficulties please contact us at icsm@ga.gov.au with details of any errors that may occur while 'bedding down' the new site. As part of the site upgrade, the SP9 Tides Manual is now only available in pdf format.



ICSM Working Groups

At its November 2011 meeting ICSM agreed to retire the Data Framework Technical Sub-Committee (DFTSC). The ICSM Members wished to thank all the members of that committee for their contributions to ICSM, particularly its Chair, Mr Chris Body.

Next ICSM Meeting

ICSM's next meeting is scheduled for 31 May – 1 June 2012 in Sydney

PCCR meeting to be held afternoon 30 May 2012 in Sydney.