Tasmania Michael Giudici *ICSM* *Chair*

Australia – civilian Simon Costello *ICSM* *Deputy* *Chair*

Australia – civilian Gary Johnston

Australia – Defence (AHS) Zarina Jayaswal

Australia – Defence (AGO) Maree Wilson

Australian Capital Territory Ron Jarman

New South Wales Narelle Underwood

New South Wales Wayne Patterson

Northern Territory Rob Sarib

Queensland Russell Priebbenow

South Australia Michael Burdett

Victoria Craig Sandy

Western Australia Annaliese Walster

**Minutes**

ICSM Executive Officer Lesley Waterhouse

**ICSM Administration**

The next ICSM meeting will be held in May 2018 in Adelaide.

**ICSM Committee Members:**

This was the last meeting for Mr Ron Jarman (ACT) who will be retiring in the first quarter of 2018. The committee thanked Ron for his contributions to ICSM since 2014, and wish him the best for his future endeavours.

**FSDF – Sponsorship**

The first three year roadmaps have all come to an end and the next phase of the FSDF journey is being planned in a new round of roadmaps.

One of the next projects to be addressed is the application of standards to metadata and a new ICSM working group will be created specifically to address metadata issues; consistency and standards across all jurisdictions. The group will also assist in updating metadata catalogues for both discoverability and accessibility, particularly in theLINK web service.

**ICSM Committees**

**Permanent Committee on Addressing (PCA)**

The PCA has recently been re-formed with a face to face meeting held in conjunction with the PCPN. It is recognised that these groups have some common interests and membership, however it was decided that the issues that each group deal with are quite separate.

**Permanent Committee on Cadastre (PCC)**

The PCC continues to work in partnership with the CRCSI and Melbourne University on several research projects to attain the goals outlined in Cadaste2034. In depth discussions were held with Phil Collier (CRCSI) and Don Grant (RMIT) on the further progress and direction of these projects.

A further workshop is to be conducted in February 2018 at RMIT to assist in finalising Don’s research.

ePlan is also conducting research projects with CRCSI and Melbourne University. This large amount of research being conducted on ICSM’s behalf, highlights the fact of the need to continue our relationship with the CRCSI (and its future entity) and universities as we clearly do not have the capacity to undertake such research independently.

The impact of the privatisation of land registries was discussed, and the potential of barriers being created by commercial companies not wishing to share in confidence issues or documentation, or any potential conflicts of interest; that previously have not existed.

**Permanent Committee on Geodesy (PCG)**

On 11 October 2017, the National Measurement Institute formally gazetted the reference points which underpin GDA2020. This new reference frame will ensure that positioning data from global navigation satellites such as GPS is aligned to spatial datasets, with benefits for industries and applications that rely on accurate positioning.

The official GDA94 – GDA2020 transformation parameters have been released in the GDA2020 Technical Manual available on the ICSM website. The products and services being development by Geoscience Australia, PCG and the GDA Modernisation Implementation Working Group include:

* A website to transform data using FME Cloud
* An ICSM GitHib repository with spreadsheets, software and data
* GDA94 – GDA2020 transformation grids for use in software (e.g. ESRI)

The CRCSI project to develop the new national geoid model, AUSGeoid2020, between Geoscience Australia, Curtin University, NSW Land and Property Information, Land Information New Zealand and Landgate is complete. This is the first Australian geoid model to provide location specific uncertainty associated with the ellipsoid to AHD conversion. Following on from this project, GA is now leading another CRCSI Project to assess the options for a new national height datum.

Geoscience Australia continues to work towards the implementation of the National Positioning Infrastructure Capability (NPIC) Strategy. This strategy recognises that Australia is the only developed continent without access to a high-integrity (trusted and reliable) satellite positioning capability (i.e. a Satellite-Based Augmentation System or SBAS). The strategy further acknowledges that Australia’s network of global navigation satellite tracking infrastructure that supports high accuracy positioning is disparate, unstandardised and not optimal.

Geoscience Australia is leading a test project of a Satellite-Based Augmentation System (SBAS) for the Australasia region. An SBAS will overcome the current gaps in mobile and radio communications and, when combined with on-ground operational infrastructure and services, will ensure that accurate positioning information can be received anytime and anywhere within Australia and New Zealand.

**Permanent Committee on Place Names (PCPN)**

Both Australian and New Zealand representatives attended UNGEGN and UNCSGN in August 2017, contributing heavily towards the success of those events. Our delegates chaired meetings and panel discussions, gave special presentations and presented papers, acted as rapporteurs for some of the technical committees and took part in multiple side meetings for working groups and associated committees.

Mr Bill Watt (SA) was elected to continue as Chair of UNGEGN for two more years, to aid transition of that group into its new operating arrangements.

The new portal and Composite Gazetteer of Australia is planned for release in February 2018.

The holding of back to back PCA and PCPN meetings appeared to be successful, from both organisational and committee perspectives, with approximately half of the jurisdictional representation being the same for each committee. The two meetings allowed for a better focus on each of the themes without unnecessary overlap, but still provided an appropriate flow of relevant information

**Permanent Committee on Tides and Mean Sea Level (PCTMSL)**

SP-9 was updated in May 2017 to include ‘AUSHYDROID’ definition, a useful link to IOC Volume V and update to Creative Commons copyright. It is proposed to review the publication and include the following:

(i) A section on ‘Installation of Temporary Tide Gauges’

(ii) Notes and advice on datums.

AHO is writing a business case on the development of the AUSHYDROID, however further progress of the AUSHYDROID is currently unfunded with resources required for each stage not identified. The initial stage of the project deals with data collection, and advice on priority areas are to be submitted to the AHO Hydroscheme Industry Partnership Program.

**Permanent Committee on Topographic Information (PCTI)**

*Elevation & Depth -* The ongoing growth is accessible Elevation data is continuing. Currently there is collaboration occurring to deliver data via the http://elevation.fsdf.org.au/ page between GA, NSW, QLD, ACT, TAS and SA. We will develop collaborations with AGO (Hydro), WA, VIC and NT in the new year to make as much data as possible discoverable to all. During 2018 we will transition the www.ga.gov.au/elvis site into this site, so that there is only one location to discover Government Elevation Data. This would currently equate to 30,000+ orders for data being take each year for work utilising elevation data.

“***Elevation and Depth 2030*** *– Powering 3D models of our Nation - Elevation and Depth Information Coordination and Innovation for Australia - A National Strategy”* consultation document (Draft included) is nearing its official release. Currently we are confirming attribution of the quotes used in the document and finalising the images used. The document asks for public feedback into the strategy by March 2018. That feedback and other benefit identification work will be developed into a final strategy document in 2018.

*PCPN collaboration* – PCTI have worked with PCPN to add the ELVIS infrastructure capabilities to Jurisdictional VECTOR data. The Composite Gazetteer of Australia represents a consistent specification and allows the creation of a national view from jurisdictional data. ELVIS provides the infrastructure and access to the data, while jurisdictions provide eth data and metadata. The placenames FSDF site is due to be released in Feb 2018. For PCTI this collaboration will serve as a model for working towards consistency and delivery of jurisdictions data within a consistent national view. This type of collaboration will serve as a demonstrated use case for other FSDF themes such as water, transport and addressing.