

NSW Surveying Taskforce

The NSW Surveying Taskforce organised a booth exhibit at the Career Advisor Association Conference in Sydney on 21 October. At the Conference, contact was made with 50 Career Advisors and of these 25 requested a resource pack. The general feeling was that advisors have become more educated about surveying and most have been promoting surveying as a career option to their students. A couple of regional surveyors are undertaking a Certificate III in Drone Flying with a class of students, using this platform to spruik surveying to the students.

The Maths in Surveying Committee has helped to develop Maths in Surveying Teacher resources, which will enable Teachers to run Maths in Surveying class activities without the need of a surveyor. These resources are branded and are to be promoted via the Mathematical Association of NSW and Career Advisors. The Taskforce has been invited to provide a journal article on the resources in early 2017, and provide an expression of interest to host an activity at the Mathematical Association of NSW Conference in September 2017.



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155th General Meeting

The 15th General Meeting of the Surveying & Mapping Industry Council of NSW was held on Friday 28th October in the Rolleston Room at Queens Square.

The recently appointment Registrar General, Jeremy Cox, was a guest at the meeting and provided the Council with an update on the creation of the Office of the Registrar General (ORG) and its role to oversee and regulate Land & Property Information – Titling & Registry Services (LPI – TRS). ORG is the regulator, policy advisor and litigator, working to ensure the security of NSW's land title system. As readers would be aware the NSW Government is in the process of assessing expressions of interest for a private 35 year concession model for the LPI – TRS. Mr Cox was able to confirm that the State guarantee of title and the Title Assurance Fund will remain with the NSW Government. He outlined the four key roles of his office.

- Cadastral Integrity
- Oversee the operator's performance
- Provide policy and legal advice
- Drive e-conveyancing reforms

By delivering these the ORG will maintain the confidence of the NSW public in their property rights and ensure the integrity, security, performance and availability of the Registry.

Since the last meeting, Chair of SMIC, Narelle Underwood, has commenced a new role as the NSW Surveyor General. Mrs Underwood provided Council members with an update on the formation of Spatial Services and the role/duties of the Surveyor General. The Surveyor General plays a prominent role in developing the profession, including setting quality education and competency standards, collaboration and leadership around the identification of emerging issues, changes and opportunities to deliver better outcomes for the community. This also includes protecting the public and the integrity of state cadastre by suspension or removal of registered surveyors in relation to misconduct or incompetence. The Surveyor General is president of BOSSI, chair of the Geographical Names Board, and the NSW representative on ICSM. The role is an electoral boundaries commissioner for both State and Federal electorates. As part of the role, the Surveyor General also provides advice to the Minister and the Secretary on strategic, policy and legislative issues on surveying and spatial information to achieve government objectives.

Some of the initial priorities for Mrs Underwood include;

- Finalising the remake of the Surveying & Spatial Information Regulation
- Preservation of Survey Infrastructure
- Implementation of GDA2020
- Promotion and adoption of LandXML
- Interaction with the surveying and spatial professions

The next general meeting of the NSW Surveying & Mapping Industry Council will be held in the Rolleston Room at Queens Square on Friday 17th February 2017.



Industry Reports

The following information may be of interest to members of our constituent organisations and the general public. Full reports by the representatives on SMIC can be obtained on request by emailing smic@smicnsw.org.au

ACS – ACS NSW held their State Conference at Parliament House in Sydney on Wednesday 24 August. The Conference included presentations from a mix of key Government Ministers and high-profile economic experts who provided an outline of future plans and economic conditions in NSW.

- The Excellence in Surveying and Spatial Industries Awards was held on Saturday 17 September at the Four Points by Sheraton Darling Harbour with 400 representatives from the profession in attendance.
- Annual CSA/ASC NSW October Conference was held in Wagga Wagga on 7 and 8 October. A number of surveying experts presented technical topics, while business speakers provided valuable information for surveying firms. The ACS NSW Annual General Meeting was held during the conference with Mark Andrew from Linker Surveying appointed as the new President.
- Association has been heavily involved in an ongoing issue with Telstra provisioning in new estates, which came into effect in March. Paul Rowlandson, ACS and CSB Board Member, has been representing the Association in negotiations with Telstra. This has resulted in Telstra revising the issue of provisioning letters for new developments but ACS will continue to monitor this issue. CSN has also been in contact with the relevant federal minister to highlight this issue.
- ACS has been in discussions with key TAFE and government representatives regarding the huge fee increases for the Diploma of Surveying course run by Sydney TAFE. Discussion ensued regarding TAFE fees in general, Smart & Skilled and Jobs for Tomorrow programs, and potential changes to fees with the TAFE restructure.
- ACS has seen a record number of BOSSI candidates attend its Engineering and Town Planning workshops during 2016. ACS will also be running Strata & Community Title workshops in 2017.
- In conjunction with funding assistance from a number of industry bodies around the county, CSN has engaged PwC to provide quantitative and qualitative evidence to support the importance licensing/registering surveyors for the undertaking of property surveys and the security of land title. PwC report is due to be completed and distributed by the end of 2016.
- ACS opposes the sale of LPI being currently undertaken by the Government. It has team up with ISNSW to fund a media campaign in an effort to overturn the sale. Discussions have also been had with Treasury, Senator Greg Pearce, Des Mooney and JP Morgan. ACS has also established a Committee to monitor the situation and meet with stakeholders regularly.
- ACS has been invited to participate in a research project by Infrastructure NSW to provide analysis of the implications of the expected construction delivery program for the public and private sectors in NSW over the next 20 years.

AHS – A SSSI organised and AHS endorsed Hydrographic Seminar was held in Adelaide on Tuesday 25 October 2016 in conjunction with Ports Australia Hydrographic surveyors working group meeting and PCTMSL meeting.

- Australasian Hydrographic Surveyors Certification Panel has held 3 meetings during the year, with next panel meeting to be held by teleconference in mid-December 2016. Applications for certification have been on the rise with 11 candidates assessed at recent September meeting.
- Australian Hydrographic Office has merged with the Geospatial Intelligence Organisation, with full merger to be in force by late 2017.

AIMS – AIMS held their AGM in September and Mario Fantin was elected as President and Shane Watson as Vice President. The number of directors on the board was also reduced to 5 directors plus the executive committee.

- ISM2016 conference was held on 12-16 September with 327 delegates in attendance from as far as Germany, Russia and China. Conference consisted of multiple sessions of technical papers being presented in tandem, along with sponsor presentations and mine tour of an operational coal mine on the closing day.
- A new diversity scholarship sponsored by Glencore in honour of late AIMS member and Glencore employee, Tim Underhill has been established. This scholarship will be facilitated by AIMS and seeks to encourage females to study mine surveying.

ISNSW – ISNSW held its AGM on Friday 7 October with twenty-one motions carried which implemented changes to the ISNSW Constitution. Most the changes were procedural but also included the establishment of Working Student as a membership status and the removal of the ambiguity around the election of the President elect. At the AGM, it was advised that Graeme Stewart is the Honorary Secretary, Tony Proust is the President-elect, and Bill Kearsley and Jonathan Keen are the 2 elected board members.

- The privatisation of LPI has occupied a considerable time over the past few months with meetings held with the Public Service Association (PSA) and members of the Greens and Labour Party. ISNSW members have expressed their concerns to the board and in the public media and ISNSW are now proceeding to take further steps to inform the public of the situation and possible ramifications.
- A meeting with RMS has been arranged for early November to discuss ISNSW new Accreditation of Engineering Surveyors scheme. ISNSW will be assessing the first candidate in this scheme in the near future.
- ISNSW has joined the new organisation Surveyors Australasia which consists of surveying organisations from right across Australia and New Zealand.
- ISNSW has also noticed an increase of candidates attending the cadastral workshops and as revert will be reverting to holding 2 workshops in 2017.

Industry Reports Continued

SSSI – Gaby Van Wyk has completed his term as NSW Chairperson but intends to still be involved as a SSSI NSW Committee member. Gaby is also SSSI President Elect. Process is currently in place to elect a new chairperson.

- NSW/ACT Regional Conference is to be held on 24-25 November in Canberra and will include the presentation of the NSW Spatial Excellence Awards.
- The Queensland Department of Transport and Main Roads now accepts the ESP-AP (Engineering Surveyors) certification, with changes to their standards and contracts made earlier in the year.
- Over the last month SSSI has been working with the Australian Communications and Media Authority (ACMA) to provide some user feedback and assist them to improve their communication products associated with the Harmonised Government Spectrum (HGS) within the 400 MHz band.

Surveyor General – CORSnet currently consists of 185 active stations with 11 new CORS constructed by Spatial Services this calendar year. 2016 financial year rollout is proceeding as planned with an additional CORS being added to the network every month. Western NSW coverage gaps are being filled with the installation of Fowlers Gap CORS in Sept and the planned installation of Ivanhoe 2 in October/November. 93% of the State's population is within 50km of two or more CORS and more than 55% of the State's population are within 10km of a CORS. Station at Menangle has been fitted with radar reflectors (InSAR techniques) to help monitor CSG subsidence in Sydney's southwest. The Camden station is planned to be fitted with radar reflectors in November 2016. These 'dual sensors' are the first of their kind in Australia.

- Registration renewals have been completed with currently 1000 registered surveyors renewing their registration. 30 registered surveyors have decided to remove themselves from the register due to retirement and other personal reasons. 60 registered surveyors were removed for non-payment with 43 of those now having restored themselves back to the register.
- Assessments were held on 10 & 11 October with 50 assessments carried out and involving the running of parallel sessions to cater for the extra amount of assessments. Of the 50 assessments there were 30 competent gradings, 12 conditionals, and 8 not yet competent gradings. All of the conditionals have all resubmitted further information as detailed in their conditional and all have been reassessed and now deemed to be competent.
- Out of the assessments, 12 candidates are now eligible for registration and had their certificates of competency issued at the BOSSI's Presentation Ceremony on Friday 18 November 2016. At the ceremony 22 meritorious service certificates were also issued to registered surveyors who have recently retired and have been registered for more than 25 years.
- BOSSI is currently finalising the CPD audit, with 260 registered surveyors being audited this time around. Approximately 70% of these surveyors have pass the audit by presenting the appropriate documentation such as a certificate from a ratified organisation or attendance certificates but the remaining 30% are still being assessed due to the lack of documentation submitted or not fulfilling the full requirements of BOSSI's CPD Policy.
- BOSSI held their November meeting on 24 November 2014 in Canberra in conjunction with SSSI's ACT/NSW Regional Conference.

Surveying Education Reports

TAFE – Work has commenced on the design of the new organisation with the ten TAFE NSW Institutes to cease to exist as of March 2017. The new organisation will be structured around 5 regions, North (Hunter & North Coast), South (Illawarra & Riverina), West (Western & New England), Sydney (Sydney & Northern Sydney), and Sydney West (SWSI & WSI). General Managers for the regions have been appointed but will not assume responsibility for training and education delivery until 1 March 2017. The new One TAFE will be fully in place by June 2018.

- Under One TAFE, Industry Liaison Units will cease to exist and new SkillsPoints will be established which will provide employers with One TAFE point of contact. SkillsPoints will also work with industry peak bodies to design and create courses. SkillsPoints are expected to be in place by early 2018.
- Illawarra - Expected graduates for 2016 include 30 with the Diploma of Surveying (15 full time and 15 distance), 32 with the Cert IV in Surveying (16 full time and 16 distance), and 5 with the Cert III in Surveying and SIS being from the distance group. 15 in the full time group had completed the Cert III at the end of semester 1.
- Hunter - Section is expecting 30 students to complete the Cert IV Surveying and 23 students to complete the Diploma Surveying at the end of November.
- Riverina - Section is expecting 9 students to complete the Cert III Surveying & SIS, 3 students to complete the Cert IV Surveying, 6 students to complete the Cert IV SIS, 14 students to complete the Diploma Surveying, and 3 students to complete the Diploma SIS in 2016.

University of Newcastle – The course program has recently been reviewed with the Bachelor of Engineering (Honours) (Surveying) program and the Civil/Surveying combined degree being revised and the introduction of a New Masters of Professional Engineering (MPE) degree and new B.Engineering (Hons) (Surveying) / B.Business combined degree. These degrees are to commence from semester 1 2017.

UNSW – IGNS will be holding a conference on GNSS and related Position, Navigation and Timing technologies in Sydney from 6-8 December 2016 at UNSW.

- An Australia UAV workshop was recently held at UNSW's field station at Fowlers Gap near Broken Hill by the UNSW Chief UAV Remote Pilot, Dr Yincai Zhou. This attracted 20 UAVs flown by participants from government and academic groups over 10 selected sites using a variety of sensors. This was supported by a new established CORSnet-NSW station at a site near Fowlers Gap by DFSI Spatial Services.
- First preference numbers for 2017 intake for the Civil/Survey degree are looking very healthy.
- TAFE competency based assessment is precluding Diploma graduates from a competitive score to allow for University admission at UNSW. Students are being advised to apply for engineering studies at other universities, perform well and apply for university transfer after one year as an alternative form of entry.



Available Traineeships

- Cert III Surveying & Spatial Information Services
- Cert IV Surveying
- Cert IV Spatial Information Services
- Diploma Surveying
- Diploma Spatial Information Services

How to Establish a Surveying & Spatial Information Services Traineeship in YOUR workplace

- 1. Employer selects Australian Apprenticeship Centre (AAC)**
Contact Australian Business Apprenticeships Centre (ABAC)
Bree Milburn ABAC Account Manager 1300 652 236
bree.milburn@australianbusiness.com.au
- 2. Recruitment process to select suitable candidate**
The traineeship must be established within 3 months of an employee starting employment with your company.
- 3. Employer selects a Registered Training Organisation (RTO)**
Contact Australian Business Apprenticeship Centre or TAFE NSW
- 4. AAC consultant assists employer to complete required paperwork**
- 5. RTO in consultation with employer develops a Training Plan**
- 6. Training Plan delivery commences**
- 7. Apprenticeship Centre**
Tracks trainee progress
Actions payments to employer
- 8. RTO and employer assess trainee as competent**
- 9. Traineeship Completed**

Surveying & Spatial Information Services Traineeship Numbers

Andrew Bryson from CSPSITAB was in attendance at the October meeting and was able to confirm traineeship numbers:

Commencements	2015	2016
Cert III in Surveying & Spatial	4	7
Cert IV in Surveying	1	6
Cert IV in Spatial	7	3
Diploma in Surveying	0	1
Total:	12	Total: 17

If your company is looking to hire new staff please investigate how a trainee may benefit your business.

SMIC Training Scholarship Program

SMIC in conjunction with TAFE NSW offer a scholarship program for potential part-time teachers in Surveying and Spatial Information who are studying towards their TAE40110 Certificate IV in Training & Assessment. This qualification is a pre-requisite for teaching at TAFE. The scholarships are to a value of up to one thousand dollars.

Eligibility Criteria

- Australian citizen or permanent resident of Australia
- Made an application for or is enrolled in TAE40110
- Haven't received the scholarship previously
- Hold a recognised surveying qualification

Selection Criteria

- Meet eligibility criteria
- Academic merit
- Reasons for undertaking TAE40110
- Demonstrated teaching ability and aptitude
- Career direction, aspirations and goals
- Teaching qualities
- Motivation and attitude

Applications for the next round close **Friday 10 March 2017**.

For further information and application forms please refer to the Education Options tab under Services on our website www.smicnsw.org.au or email us at smic@smicnsw.org.au

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