

Cadastral Workshops for NSW BoSSI Candidates

- **Registration in NSW**
- **History ISNSW Workshops 2006 – 2014**
- **What's happening in other Australian States**
- **Is it worth It ?**
- **What's next ?**

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Registration in NSW

- **Can be by Professional Training Agreement - PTA**
- **However no candidates currently enrolled in a PTA**
- **Last candidate Registered via a PTA was in March 2013**

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Registration in NSW

- By Project presentation and oral examination
- Currently 109 land surveyor candidates enrolled
- Currently 52 mining surveyor candidates enrolled
- 7 female candidates – 5 land and 2 mining
- Candidates must hold a surveying degree

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Registration in NSW

- Candidates have studied at
- Uni NSW 42
- Uni Newcastle 27
- University Southern Queensland 18
- Otago New Zealand 4
- Philippines 2
- Queensland University Technology 2
- RMIT 2
- one from Curtin - Dublin - London – Sabargam – Tribhuvan

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Registration in NSW

- The project – exam process
- Rural Cadastral Exam - 1 hour
- Urban Cadastral Exam - 1 hour
- Strata/Community Title Exam – 1 hour
- Town Planning Exam – 1.5 hour
- Engineering Design Exam – 1.5 hour

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ISNSW Cadastral Candidate Workshops



2006 - 2014

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The Workshops - A Brief History

In April 2006 the then Surveyor General Warwick Watkins wrote to ISNSW and suggested that ISNSW might like to:

- Provide seminars for graduates seeking registration
- Covering urban, strata and rural boundary definition
- And make them of an applied practical nature

The first Workshop was held in September 2006.

It was an assessment session with 15 candidates bringing in their cadastral BOSSI projects for a preliminary look before taking them to the Board's exams.

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The Workshops Progress

The 1st Instructional Workshop was held in Feb 2007. Ten speakers presented 26 Candidates with a range of urban, rural and strata information

The feedback from BOSSI, the candidates and the mentors was positive. Suggested improvements were implemented.

The process has now evolved to the stage where an instructional workshop spread over two days and an assessment session on one day are held in the month preceding the BOSSI exams in March and September each year

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Present Format Instructional Workshop

- 2 day workshop over one weekend.
- Up to 12, 1 hour presentations on a range of cadastral topics.
- Lunch and “refreshments” at the end of the day provided.
- All presenters are Volunteers – that is, they are not paid.
- Weekend format aids economy of travel.
- All presentations and additional reference material posted on Drop Box.

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Assessment Workshop

- 1 Day “Pre-examination” of cadastral projects
- Approx 3 weeks after Instructional Workshop & 3 weeks before BoSSI exam
- Allocation of 1 hour (min) to each candidate for review of project.
- Candidate is interrogated as they would be in the exam.
- Periodic briefing of “Pre-examiners” by BoSSI Examiners.
- BoSSI members do not participate in Assessment Workshops

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STRATA PLANS

Surveyors, Planners, Engineering Designers, Project Managers
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STRATA PLANS

- HISTORY AND TRIVIA
- BASICS OF A STRATA PLAN
- ADMINISTRATION SHEET
- LOCATION AND FLOOR PLAN
- UTILITY LOTS
- ENCROACHMENTS
- UNIT ENTITLEMENTS
- BY-LAWS
- STRATA PLAN CHECKLIST
- MORE THAN ONE STRATA PLAN IN A BUILDING
- SUBDIVISION OF STRATA LOT
- STAGED STRATA DEVELOPMENTS

The Importance of Equipment Calibration in Surveying

BOSSI workshop
24 August 2013

XXV International Federation of Surveyors
Congress, Kuala Lumpur, Malaysia, 16 – 21 June
2014

Today's presentation

Background to equipment calibration

Regulation and legislative requirements

Calibration procedures

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CITY SURVEYS (URBAN CADASTRAL)

ISNSW CADASTRAL WORKSHOP

SEARCH

ALIGNMENTS & ROADS

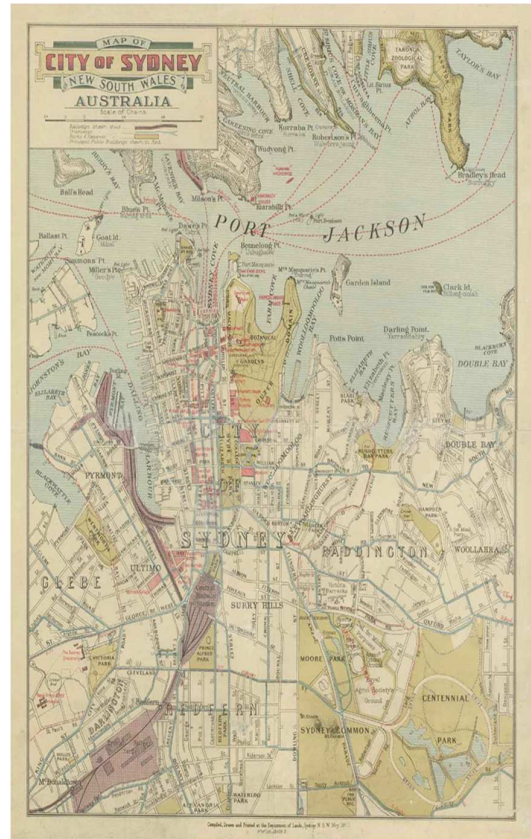
OBSTRUCTED BOUNDARIES

OLD SYSTEM DEEDS &
CONVERSION TO TORRENS TITLE

Greg Frith



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What's happening in other States

- Queensland, Victoria and Western Australia are developing Cadastral Workshops
- These Workshops are supported by the Surveyors Boards in each State
- The ISNSW Cadastral Workshops are being used as the base model

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What's happening in Queensland

- Graduates in Queensland become registered surveyors via a different process than in NSW.
- They register first as a surveying graduate
- Then provide a progressive assessment of competency via a series of Career Episode Reports (CER's)
- The registered surveyor then applies for cadastral endorsement and provides another cadastral related set of CER's to satisfy a Cadastral Competency Framework.

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What's happening in Queensland

- The Surveying and Spatial Sciences Institute Queensland (SSSIQ) has introduced weekend seminars for graduate surveyors
- Queensland relevant content
- Main differences when compared to NSW
- Residential-school style camps
- Some practical sessions.

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What's happening in Victoria

- **Surveying graduates in Victoria become licensed via a PTA**
- **The PTA is registered with the Surveyors Registration Board of Victoria (SRBV).**
- **The candidate is required to undertake and successfully complete an urban and a rural cadastral survey, a professional assessment project and the SRBV's cadastral law project.**

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What's happening in Victoria

- **SSSIV, ISV and ACSV are collaborating to produce a PTA cadastral training professional development program.**
- **The first workshop is to be held on June 28 2014**
- **It will be a one-day event involving an urban survey case study including a site visit**
- **Proposed future workshops will cover rural cadastral surveys, cadastral law and professional assessment projects.**
- **The development of the workshops is being supported by the SRBV.**

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What's happening Western Australia

- **Graduates in WA become a registered surveyor via the PTA process.**
- **They register as a candidate for a PTA**
- **Then present projects in Rural, Urban, Strata, Site planning and Mining Tenements**
- **Pass a written Survey law Exam**
- **Pass a practical Exam in Surveying & Leveling**
- **Present for a Professional Interview**

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What's happening in Western Australia

The Land Surveyors Licensing Board WA (LSLB) are producing a PTA cadastral training professional development program.

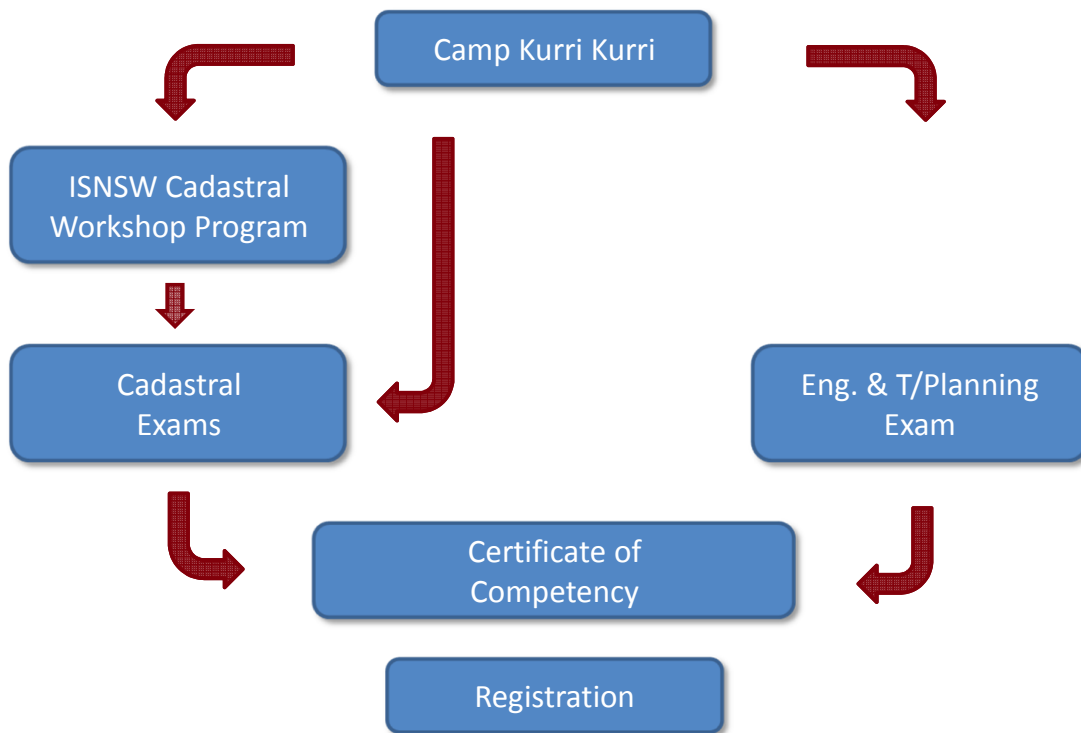
The first workshop is to be held on July 16 2014

It will be a one-day event covering Rural Subdivisions, Instrument Calibration and surveys of Mining Tenements

Proposed future workshops will cover Urban & Strata cadastral surveys and Cadastral Law

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Recap the NSW Exam Process.....



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Is it Worth it ? YES

BoSSI Reports:

- **Better Standard of Projects Presented**
- **Better Prepared Candidates**
- **Increased Pass Rates**
- **Increase in Registrations**

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Is it Worth it ? YES

ISNSW Reports:

- **Continued Interest and Patronage from Candidates**
- **Continued Support from Volunteer Presenters**
- **Continued Support from BoSSI**
- **Increased ISNSW Memberships**

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Is it Worth it ? YES

Candidates Report:

- **Well structured, relevant content**
- **Plan 'pre-examination' provides beneficial advice**
- **Old friendships renewed and new ones formed**
- **Valuable networks for the future are established**

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What's Next ?

- Perhaps worksite visits and practical sessions for ISNSW workshops based on the Queensland and Victorian experiences?
- A desk top audit of the countries that require a candidate to have a degree in surveying, serve a period of practical experience after graduation, and sit for examinations conducted by a surveyors board
- What initiatives do these countries have in place to assist graduates attain their professional surveyors licence?
- Can those initiatives be adapted to NSW?

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What's Next ?

- In 2013 I was fortunate enough to be the recipient of a NSW Surveyor General International Fellowship in Surveying and Spatial Information Systems
- My topic"A review of national and international initiatives to assist graduate surveyors to gain registration as a Professional Licensed Surveyor".
- The Fellowship has
- Enabled me to attend and present this paper at FIG 2014
- And provided the opportunity to meet, share ideas and learn from like minded professional surveyors

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What's Next ?

- **As a result of the other States activities**
- **The desk top audit**
- **Participation in FIG 2014**
- **And perhaps visits to other countries**
- **Further directions, innovations and ideas may be added to the ISNSW workshops to improve and enhance a proven worthwhile program.**
- **THANK YOU**

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