

Welcome ..

August has been a month of huge announcements in SA for the Mining, Construction and Infrastructure industries. There are significant expansions for BHP at Olympic Dam, the opening of a new mine for Oz Minerals just north of Port Augusta and the Solar/Thermal electricity generation sites being given the green light.

In Adelaide, there are new buildings on North Terrace being forecast along with the Tram extension and \$200m of Road and Rail upgrades and improvements.

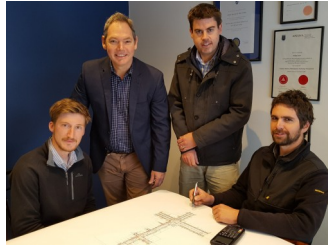
In all this, we are very excited to be the Winners of the Technical Excellence Award in SA at the recent Spatial Awards. We have included a brief explanation of the winning project in this newsletter. Our entry now moves to the National Awards held in April 2018.

The Lands Titles Office (LTO) privatisation has been finalised and we look forward to seeing how it unfolds. We cover this in more detail later in the newsletter.

Also, the Pinery Fires are again in the news for all the right reasons. We thank Mark Whitford from our office, for the generous giving of his time in helping with this project. Read the article to find out more.

It's a packed Newsletter, so thank you for your time in reading and have a great last few remaining days of Winter.

Michael—Ed



Congratulations MG Surveys for **WINNING** the 2017 Award for Technical Excellence

North Terrace is getting ready for a revamp with the State Government commencing their \$70m **Tram Extension** project with the initial Engineering Survey conducted by Michael Gear Surveys.



The project involved a full and extensive Engineering Survey of the 2300m road corridor, boundary to boundary in an extremely complex urban environment. This included working around extreme traffic and public transport movements, night work requirements, major Adelaide Community events and strict timelines from the client.

Using the 3D Terrestrial Scanning had the two main advantages of being an incredibly effective tool in acquiring data, and also improved safety by reducing the amount of time one of our surveyors had to spend on the road corridor. It provided a safer environment to work in; it saved costs and reduced the amount of delays for the traffic on North Terrace and King William Street. With the combination of the 3D Scanner and traditional theodolite technology gave us point and model accuracy perfect for this survey. The resultant point cloud was interrogated for on road features and strings and also as a quality control tool. It was used as a reference data set to ensure nothing was missed.

The challenges were great, but we were very excited to be part of this successful major project. Some key statistics below.

- ✓Over 66 kilometres of survey strings
- ✓Over 39 kilometres of Underground service strings
- ✓35000 survey points in addition to the 24 gigabyte of point cloud data and 3d CART data underground services.

This project was run by highly experienced, motivated Surveyors, who ensured a successful and timely project.



RUOK with this Info?

As Australian's we like to shorten (or alternatively lengthen) almost everything.

Quite often, by shortening or using an acronym we are actually assisting with the presentation of information.

In plan preparation, this is certainly the case.

Some abbreviations that you might find on a plan from Michael Gear Surveys include:

LTO	Lands Titles Office
DAC	Development Assessment Commission
PSM	Permanent Survey Mark
GPS	Global Positioning System
BDY	Boundary
AHD	Australian Height Datum
TBM	Temporary Bench Mark
MGA	Map Grid of Australia
SSSI	Surveying and Spatial Scientists Institute
EPL	Electronic Plan Lodgment
PLB	Property Location Browser
EDALA	Electronic Development Application Lodgment and Assessment

We know that sometimes we get a little technical and talk in 'Surveyor Jargon'.

We are always happy to explain.

Congratulations to all of the Michael Gear Surveys Team.

Pinery Fires



Mark Whitford (yellow jacket in the back row), from the Michael Gear Surveys team joined the team of Licensed Surveyors and Uni SA Surveying students, who generously gave their time free of charge, to assist 8 land owners affected by the Pinery Fires re-instate their boundaries.

The 'Pinery Fires' tore through the Lower Mid North, West Barossa Valley regions immediately north of Gawler, South Australia between 25 Nov – 2 Dec 2015, claiming 2 lives, 35 homes destroyed, 42 others damaged and 85 000ha burnt.

Over two weekends this group showed the humanity and giving that Australians are known for – giving a 'mate' a hand. Licensed Surveyors understand the importance of knowing where your boundaries are. Seeing others who are willing to lend a hand and give of their time and expertise to someone else who has really had an horrific time, breathes life and healing.



Great job to Surveying & Mapping SA for co-ordinating this venture. Congratulations to all who helped with this unique and effective project.

Newsletter Quote ... "The key to everything is patience. You get the chicken by hatching the egg, not by smashing it."

- Arnold Glasgow

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LTO

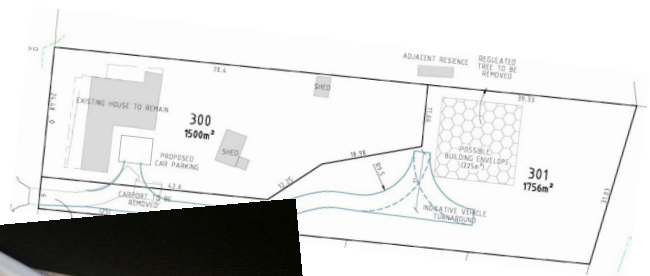
Privatisation

For Sale

On August 10th 2017, the Government announced that the privatisation of the Lands Titles Office (LTO) was completed and a consortium under the banner of **Land Services SA** had paid \$1.6billion for the right to run the data storage, acquisition and processing of transactions of the LTO for the next 40years.



The plan is that there will be a seamless transition to the privatisation group over the next two years. The roles of the Surveyor, Registrar and Valuer General will remain in Government hands who will oversee the outsourced services to be run by Land Services SA. This management structure is designed to maintain the long held benefits of the Torrens Titles system such as the Indefeasibility of Title and the Government guarantee of ownership. There is no need to take out any Title Insurance as all previous guarantees are in place.



The Surveying Profession has been actively involved via a Stakeholders Group and face to face meetings with the key players to do all they

could to ensure the profession and the public are not disadvantaged, but given greater opportunities as part of this sale. We look forward to working with the new provider, Land Services SA, and as Surveyors, being part of the ongoing Stakeholders Group, providing regular feedback to government on their performance.

Competition Time...

From this edition of The Survey Datum, see if you can answer the following questions.

1. How much was the SA LTO sold for?
2. Who has recently helped landholders affected by the Pinery Fires?
3. How many survey 'strings' were collected during the Michael Gear Surveys award winning Tram Extension Survey.

Send your answers to admin@mgsurveys.com.au to be a prize winner

Take a look at the **Michael Gear Surveys** website for more information and past issues of **The Survey Datum** @ www.mgsurveys.com.au