

Welcome to the Winter Edition for 2015

We have a jam packed edition which covers a recent world wide trend towards using online mapping tools in time of natural disasters, and demystifying Rural Property Addressing.

If you have driven past our Bedford Park office recently, you may have seen the beginnings of the demolition process in readiness for the new look "Non Stop South Road". Having been caught up in this project, we are moving later this year as well. For now though, it's business as usual. We may be the last to go!



One of our neighbour's properties.

The annual Surveying and Spatial Sciences conference in Adelaide was on again last month. We heard from a large array of local and interstate speakers on what are the latest trends in Surveying, mapping and GIS. We again heard how spatial information underpins so much of this states development.

We look forward to more sunshine and daylight saving, signalling that Summer is not that far away.

Enjoy the Royal Show and the footy finals (for those actually in it!).

Cheers! Michael—Ed

And for those that like to join in a
Competition ...

Answer the following riddles to be a winner!

What should you never eat for breakfast?
What does December have that no other month has?
What only gets wetter the more it dries?
What tastes better than it smells?
What is brown and sticky?

Be a winner! Contact us on
admin@mgsurveys.com.au
Or 8357 6833

Disaster!

Can We Help?

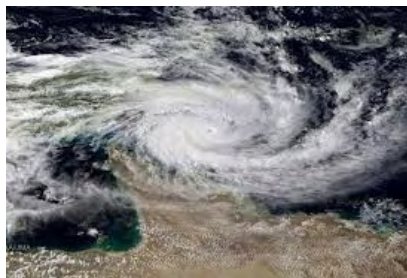
Natural Disaster response using Online Mapping Tools and Crowd Sourcing.

Crowd sourced disaster response, until a few years ago was an informal and often haphazard method of support in time of need.

Now this information avenue is becoming more organised, and is being embraced by official humanitarian organisations and integrated into relief operations. Volunteer efforts have multiplied thanks to the arrival of online mapping tools, the increasing popularity of social networks such as Twitter and Facebook, and the spread of mobile phones.



From Cyclones in North Queensland and Vanuatu to Bushfires in South Australia, and the Malaysian Airlines disappearance in the Indian Ocean, "The Crowd" is being asked to step in and help find, identify and confirm key items remotely across the internet. One way this is being achieved is by using Aerial Photography and Satellite Images sourced almost within hours of an event.



This data is then put onto the web via specially designed mapping browsers where volunteers are lining up across the world to scan through image after image. Once they

identify something they simply click on the map and the location information is stored and logged for investigation on the ground/sea.

A cheap, timely and empowering way to allow thousands of eyes to look into a problem and directly have a hand in helping others, be it next door or across the world.

Quote ... One kind word can warm three months of winter. - *Japanese proverb*

The Darlington Upgrade Has Begun! The property acquisition has begun anyway!

Unlike the Chinese property in this picture below, Australian law ensures that all property owners are relocated prior to construction through the Land Acquisition Act and Compulsory Acquisition.



Yes we are on the move, in the future!
But is it Business As Usual. More news next Issue.
Some pictures of what is happening along our stretch.



RPA ?

Not the TV programme -

Rural Property Addressing. You may have seen the small signs along rural roads.

It used to be, that when you needed the emergency services, providing an address in a rural area was not always clear cut. Was 200 Smith Road, the street number, the section or allotment number and was there multiple 200's along Smith Road?

It became evident that a nationally consistent numbering address was required, eliminating confusion, especially in an emergency. Gone are the RMB, RSD, RAPID and in comes the RPA number system. A great help to all but particularly to our Emergency Services (CFS, SES, Police, Ambulance) and other community services

South Australia was the forerunner for this project and it was started in the Surveyor General's office. With Rural Property Addressing (RPA) all occupied rural properties are now identified using a unique, distance based numbering system.

How does it work?

Each rural property has its own unique number based on the distance of the properties entrance from a point, which is usually an intersection.

The property number is then the distance along the road in metres, (divided by 10) from the start point, with even numbers on the right and odd the left.

An example as I drive up Acklands Hill Road. The property has a RPA of 66. I check the odometer reading in my car and it shows 0.66km (660m) from where I turned onto Ackland Hill Road. Divide this by 10 (as numbers are given every 10 metres) gives 66.

Even number indicates its property entrance is on the right hand side.

A simple, yet effective way, to find places when out and about in rural areas



Michael Grear Surveys

Licensed & Engineering Surveyors

Adelaide Office

1397 South Road

BEDFORD PARK SA 5042

Tel: 8357 6833

Whyalla Office

17B—19A Darling Tce

WHYALLA SA 5600

Tel: 8644 2040

E: admin@mgsurveys.com.au

Web: www.mgsurveys.com.au



Quiz Time ... from the last edition

Q. Using eight eights and addition only, can you make 1000?

A. $888+88+8+8+8 = 1000$

Take a look at the **Michael Grear Surveys** website for more information and past issues of **The Survey Datum**

@ www.mgsurveys.com.au