

## Circular Memorandum No. 3 / 2016

TOPIC: **Coordination of Surveys of Land - Update**

DATE: 14 December 2016

### All Registered Land Surveyors

OSG Circular Memoranda 3/2008 and 1/2009 provided information on the coordination of surveys of land. This circular provides an update on aspects of those circulars and on the transition to GDA2020 as the mandated datum for surveys of land.

### LAUNCESTON CITY COUNCIL MARKS

All Launceston City Council DSMs suitable for use as datum origin for surveys of land have now been included in SurCoM. Surveyors should refer to SurCoM for these marks in preference to the original LCC spreadsheet provided by the Office of the Surveyor General.

### CORS NETWORKS IN TASMANIA

Previously surveyors were advised to assure themselves that, for surveys of land, the CORS network service they were using was connected to at least one mark in SurCoM. The OSG can now confirm the following private CORS networks operating in Tasmania comply with this requirement: *Smartnet Aus*, *AllDay RTK* and *Trimble VRS Now Australia*.

This is achieved through having some, but not all of their CORS stations issued with REG13 certificates by Geoscience Australia that derive from the gazettal of GDA94, which is the basis of Tasmania's geodetic network reproduced in SurCoM and includes stations in SurCoM.

Those CORS stations in these networks that have REG13 certificates, available from the station summaries on the respective network website, are thus able to be used for providing MGA coordinate and bearing datum for surveys of land in accordance with the Survey Directions. The requirement to document a relevant origin mark from SurCoM remains.

For reference, the websites are

<http://smartnetaus.com/home/index.php?q=node/16>

<http://alldayrtk.com.au/home/networkmap.aspx>

<http://vrsnow.com.au/Map/SensorMap.aspx>

## **GDA2020**

It is now expected that the GDA94 to GDA2020 transformation parameters and NTv2 grid, together with GDA2020 coordinates in SurCoM, will be available in April 2017.

Private CORS network service providers have indicated they will require a period of months to test and rollout a GDA2020 correction stream. The OSG has determined that implementation of GDA2020 in the Survey Directions will not occur until a GDA2020 correction stream is available and so changes to the Directions are not envisaged until late in 2017.

More information on GDA2020 implementation, including a recent update on progress and new information resources to support engagement with clients is available on the ICSM website at <http://www.icsm.gov.au/gda2020/index.html> .

A handwritten signature in black ink, appearing to read 'M Giudici', with a stylized flourish at the end.

Michael Giudici  
SURVEYOR GENERAL