

Circular Memorandum No. 4 / 2018

TOPIC: **New Survey Directions, Tasmania effective 14 September 2018**

DATE: 14 September 2018

All Registered Land Surveyors

Registered Surveyors were advised by email on 5 September 2018 the revised *Survey Directions, Tasmania* had been agreed to by the Surveying and Spatial Sciences Institute (SSSI), the Institution of Surveyors Tasmania (IST), the Land Titles Office (LTO) and the Secretary of the Department of Primary Industries, Parks, Water and Environment (DPIPWE), and would come into effect on 14th September 2018. They are therefore now in force.

The new *Survey Directions, Tasmania* are available from the DPIPWE website at <https://dpiwpe.tas.gov.au/land-tasmania/geospatial-infrastructure-surveying/directions-and-circulars/survey-directions>. Some of the significant changes are listed below:

- Reference to GDA94 and MGA94 instead of GDA / MGA since that terminology is no longer definitive as to the national horizontal datum.
- Requirement for MGA94 bearing and coordinates to be determined specifically for each survey and;
- Clarification of the requirements for stating the origin of MGA94 coordinates and bearing – whether from marks held in SURCOM, a CORS network or an AUSPOS solution / GNSS observation.
- Nomination of the use of the GDA94 Positional Uncertainty (PU) estimate for a mark held in SURCOM from the individual Survey Control Mark Summary where available.
- Description of how to quote the PU estimate from an AUSPOS or CORS network solution.
- Requirement for the clear identification of a “local coordinated mark” where MGA94 coordinates are transferred to a site by GNSS and no vector is shown.
- Requirement to specify only Combined Scale Factor rather than the separate Point and Height Scale Factors and to specify multiple Combined Scale Factors where it is necessary due to large height variations across a surveyed area or due to its extent.
- Report the name of any CORS used in a survey.
- Ensure all mark identifiers are enclosed in brackets or by some other method.
- Requirement to include a completed checklist with each survey lodged if requested by the Surveyor General.
- Requirement to include sufficient dimensions so readily identify where an easement – new or existing - intersects a boundary.
- Changes to the minimum number of reference marks dependent on the number of lots and / or surveyed boundary perimeter length and inclusion of the specification that they must be placed with consideration given to accessibility.

Revised Survey Plan Forms, new DWG/DWF/DGN templates and Plan of Survey Checklists are all available from the DPIPWE website:

- Plan Forms: <https://dPIPWE.tas.gov.au/land-tasmania/land-titles-office/plan-documentation/plan-forms>
- Plan of Survey Checklists: <https://dPIPWE.tas.gov.au/land-tasmania/land-titles-office/plan-documentation/plan-of-survey-checklist>

Practitioners are reminded that every survey of land for a purpose listed in Schedule 1 of the *Survey Directions, Tasmania* is required to comply with all requirements of those Directions unless formal dispensation is sought from the Surveyor General under Clause 2.1.10.

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

Michael Giudici
SURVEYOR GENERAL