

Discussion Forum: Impact of the New SP1 Version 2.0 on Surveyors in Practice

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ABSTRACT

An updated version of SP1, released in November 2013, has been developed by the Intergovernmental Committee on Surveying and Mapping's (ICSM's) Permanent Committee on Geodesy (PCG) after lengthy consultation with the broad spatial community and technical experts. SP1 version 2.0, along with six associated guidelines, now provides an outcomes-based framework, aligned to international standards to support in the delivery and maintenance of Australia's survey control mark network. As a consequence, this standard is less prescriptive with respect to methodology, but still provides recommended practices to achieve outcomes appropriate for Australian control surveys. SP1 version 2.0 will supersede some of the best practice guidelines outlined in SP1 version 1.7. This version of the standard completes the transition from class and order to uncertainty (survey, relative and absolute) as the basis for evaluating and expressing the quality of measurements and positions. ICSM recognises that for many organisations the transition from previous versions of SP1 will take some time. An official review process is in place to carefully examine feedback provided, especially in the first year after publication. This forum provides the opportunity for discussion and feedback regarding this new standard, so please carefully consider the implications for your organisation and come along to voice your views!

KEYWORDS: *SP1, standard, control surveys.*