AS/NZS ISO 19116:2020 ISO 19116:2019 ISO 19116:2019/Amd.1:2021 (Incorporating Amendment No. 1)





Australian/New Zealand Standard™

Geographic information — Positioning services



AS/NZS ISO 19116:2020

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The following are represented on Committee IT-004:

ANZLIC — The Spatial Information Council
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Australian Bureau of Meteorology
Australian Maritime Safety Authority
CSIRO
Curtin University of Technology
Department of Agriculture, Water and the Environment
Department of Defence (Australian Government)
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Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee IT-004, Geographical Information/Geomatics, to supersede AS/NZS ISO 19116:2005.

h This Standard incorporates Amendment No. 1 (October 2021). The start and end of changes introduced by the Amendment are indicated in the text by tags including the amendment number 1. 4

Amendment 1 to this Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee IT-004. (A)

The objective of this document is to specify the data structure and content of an interface that permits communication between position-providing device(s) and position-using device(s) enabling the position-using device(s) to obtain and unambiguously interpret position information and determine, based on a measure of the degree of reliability, whether the resulting position information meets the requirements of the intended use.

A standardized interface for positioning allows the integration of reliable position information obtained from non-specific positioning technologies and is useful in various location-focused information applications, such as surveying, navigation, intelligent transportation systems (ITS), and location-based services (LBS).

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