ISO Geodetic Registry

Item class VerticalDatum

Name Australian Vertical Working Surface

Item statusVALIDIdentifier784AliasAVWS

Information source Title Australian Vertical Working Surface (AVWS):

Technical Implementation Plan

Author Intergovernmental Committee on Surveying and

Mapping (ICSM)

Publisher Geoscience Australia

Revision date2020-08-26EditionVersion 1.2Edition date2020-08-26

Other citation details https://www.icsm.gov.au/sites/default/

files/2020-08/AVWS%20Technical

%20Implementation%20Plan_V1.2.pdf (accessed

2021-09-27)

Information source Title Australian Vertical Working Surface

Author Geoscience Australia
Publisher Geoscience Australia

Revision date 2020

Other citation details Website. https://www.icsm.gov.au/australian-

vertical-working-surface (accessed 2021-09-27)

Data source ISO Geodetic Registry

Remarks Normal heights. Australian Vertical Working Surface originally realized

by the Australian Gravimetric Quasi-Geoid model AGQG_20191107, which was found to be biased and replaced by AGQG_20201120. AVWS is a gravimetric datum realized by the Australian Gravimetric

Anchor definition

AVWS is a gravimetric datum realized by the Australian Gravimetric

Quasigeoid (AGQG) and referenced to the GDA2020 reference frame.

2020-01-01

Scope Spatial referencing

Extent

Release date

| Description | Australia including Lord Howe Island, Macquarie Island, Ashmore and Cartier Islands, Christmas Island, Cocos (Keeling) Islands, Norfolk Island. All onshore and offshore. | |
|-------------------------|--|--------|
| Geographic Bounding Box | West-bound longitude | 93.41 |
| | North-bound latitude | -8.47 |
| | East-bound longitude | 173.34 |
| | South-bound latitude | -60.56 |