Australian Government
Geoscience Australia

SouthPAN

Toitū Te Whenua
Land Information
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SOUTHPAN SERVICE NOTICE

Number: SBAS-SVN-0002 **Revision 01**

To: **SouthPAN OS Users**
Date: **28 October 2026**
Subject: **OS-GOBS GNSS Reference Equipment (GRE) Observables Service available via AUSCORS**

This Service Notice informs end-users that the SouthPAN GNSS Reference Equipment (GRE) Observables Service (OS-GOBS) is now available for public use. As part of the ongoing development of SouthPAN, new GREs are installed and brought online periodically.

GNSS observation data collected from the GREs, including RINEX files and real-time NTRIP streams will be made publicly available through Geoscience Australia's GNSS Data Centre (gnss.ga.gov.au). Data products can be accessed via Secure File Transfer Protocol (SFTP), online via the website, or via API.

Real-time data streams can be accessed via the AUSCORS NTRIP Broadcaster (gnss.ga.gov.au/stream), with registration of a free AUSCORS account (gnss.ga.gov.au/registration).

GRE Metadata will be made available via the GNSS Site Manager metadata service (gnss-site-manager.geodesy.ga.gov.au).

The new GREs have been designed to ensure a high degree of availability, including redundant communications channels. Each SouthPAN GNSS Reference Station (GRS) has three GREs which consist of independent receivers and antennas. The antennas are physically separated by 10-15 metres.

Please note that GRE observables contain measurements from the GPS and Galileo satellite constellations only.

The Geoscience Australia "Positioning News" newsletter (ga.gov.au/…/positioning-news-and-updates) will include updates as GRSs are brought online. To keep up with the latest developments, end-users are encouraged to sign up to receive the newsletter (communication.ga.gov.au/positioning).

Additional information on SouthPAN Data Access Services (DAS), including OS-GOBS, can be found in the latest SouthPAN Service Definition Document for Data Access Services, available via the GA website (ga.gov.au/southpan) and on the LINZ website (linz.govt.nz/southpan).

Contact Us

Should you have any questions regarding this service notice or any other SouthPAN related questions please contact the following:

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