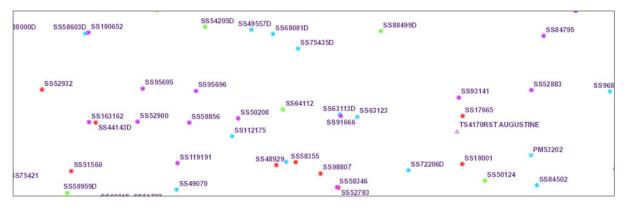# Spatial Services
# NSW Survey Mark Web Service

*Image depicts a screenshot of the NSW Survey Mark web service*

## Web service description

The NSW Survey Mark web service is a dynamic map of permanent survey marks that constitute the state control survey. The data is fed to the web service by the Survey Control Information Management System (SCIMS), the database that contains the single source of truth for all marks within the state control survey network.

The web service provides a wealth of data on each mark, including:

- mark type (Permanent Mark, State Survey Mark, etc.)

- mark number

- horizontal coordinates and their accuracy (class and order)

- heights and their accuracy (class and order)

- status of the mark (destroyed, restricted access, etc.)

The mark type is represented using various shapes and the accuracy of the mark (both vertical and horizontal) is communicated by the colour.

## Web service uses/fitness for purpose

This web service allows users to easily integrate survey control mark data from SCIMS into Open Geospatial Consortium (OGC) compliant spatial platforms and applications.

Data provided by the NSW Survey Mark web service can be used in a variety of engineering and surveying applications, including but not limited to:

- cadastral survey planning

- flood studies and hydrographic modelling

- infrastructure development

- site calibration at construction sites

- elevation modelling

- preservation of survey infrastructure

The NSW Survey Mark web service gives users an alternative method to access state control survey data that can be incorporated into their GIS package without needing to log into SCIMS Online. **Please note that SCIMS Online is the official option for obtaining state control survey data for cadastral surveys as it offers legal traceability.** SCIMS online is accessible via the SIX portal.

## Current state

This web service is complete and current.

## Update frequency

Daily.

## Future development

This web service is updated when new information is captured or sourced by Spatial Services.

## Standards and specifications

OGC compliant and suitable for consumption by common GIS platforms.

This dataset is compliant with the NSW Foundation Spatial Data Framework and its specifications.

## Web service access

http://maps.six.nsw.gov.au/arcgis/rest/services/public/NSW_Survey_Mark/MapServer

## Custodian agency and contact

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