

## Important:

This article was published on Tuesday, 13 September 2016 - 2:48pm. The information is accurate at the time and is used for reference purposes only.

For up-to-date information please [visit the Land Information New Zealand website \(http://www.linz.govt.nz\)](http://www.linz.govt.nz).



## [Landwrap September 2016 \(/news/2016-09/landwrap-september-2016\)](/news/2016-09/landwrap-september-2016)

Issue 130

This month we're asking about your views on what should go into our next Landonline release, and give you a heads-up on planned changes to accessing Landonline. We're also keen to hear from users of our PositionNZ-RT service, and can give surveyors an update on where to find Christchurch Survey Mark Movement Data, and the new Vertical Datum.



### Have your say on Landonline enhancement priorities

#### ***All Landonline users***

Now that the latest Landonline release (3.14) has been completed, we're planning content for the next maintenance release in May 2017.

If you've got thoughts on what improvements you'd like to see, please share them using the Landonline Enhancement Wiki. It's an important tool for prioritising changes to Landonline, and allows you to review, comment on, or raise enhancements for changes to Landonline.

Once we've gathered enhancements you'll have the opportunity to vote on them.

Your involvement will help us make decisions about release content during 2017.

- [Access the Landonline Enhancements Wiki \(https://mediawiki.landonline.govt.nz\)](https://mediawiki.landonline.govt.nz)
- [Read information on how to access the Wiki \(//www.linz.govt.nz/kb/823\)](http://www.linz.govt.nz/kb/823)
- [Read information on the prioritisation process \(//www.linz.govt.nz/land/landonline/landonline-releases-and-system-updates/prioritising-landonline-enhancements\)](http://www.linz.govt.nz/land/landonline/landonline-releases-and-system-updates/prioritising-landonline-enhancements)

### Our process for prioritising enhancements to Landonline

- From today – enhancements can be raised, reviewed, edited and ranked through the enhancements Wiki
- Friday 30 September – the ranking of enhancements period closes
- Monday 3 October – you can vote on enhancements (new voting pages will be available)
- Friday 21 October – Voting closes.

While the voting result is one element for deciding release content, the feedback this provides from the general Landonline user community is very important to LINZ. More information will follow later.

Note, regardless of whether a prioritisation session is being run or not – you can raise and rank enhancements at any time.

## **Modernising Access to Landonline**

### ***All Landonline users***

We're working to bring in Advanced Survey and Title Services (ASaTS), a system that will improve the services we offer to lawyers and surveyors.

It will be fully in place by 2021 but in the meantime, there are steps we can take to modernise access to Landonline so that it better reflects the way you work. We're proposing changes such as a corporate Digital Certificate that would cover a whole firm, and the use of RealMe verification. Any change would be made through a staged approach beginning in 2017.

[Read more about planned changes to accessing Landonline \(//www.linz.govt.nz/news/2016-08/modernising-access-landonline\)](http://www.linz.govt.nz/news/2016-08/modernising-access-landonline)

## **Preparing PositionNZ-RT for Multi-GNSS**

### ***Surveyors***

LINZ wants to hear from users of PositionNZ-RT about planned changes to the service.

We are taking advantage of the new satellite positioning systems now available in New Zealand by providing the new RTCM 3.2 MSM (Multiple Signal Messages) format to offer quicker, more accurate positioning. It will eventually replace the current format.

[Read about the new changes and get involved \(//www.linz.govt.nz/news/2016-08/preparing-positionz-rt-for-multi-gnss-%E2%80%93-can-you-connect\)](http://www.linz.govt.nz/news/2016-08/preparing-positionz-rt-for-multi-gnss-%E2%80%93-can-you-connect)

## **Christchurch Survey Mark Movement Data**

### ***Surveyors***

Earthquake movements at geodetic and cadastral marks are now available on the LINZ Data Service. This data has been computed from cadastral and geodetic surveys carried out since the earthquakes.

[Access the data on the LINZ Data Service \(https://data.linz.govt.nz/layer/3455\)](https://data.linz.govt.nz/layer/3455)

## **LINZ has released a new vertical datum - New Zealand Vertical Datum**

### ***Surveyors***

New Zealand Vertical Datum (NZVD2016) is the result of a five year project to improve the accuracy of the national vertical datum. Changes include a new geoid model (NZGeoid2016) and more accurate transformations of heights from the 13 local vertical datums.

NZVD2016 was calculated using terrestrial, ship-track, satellite and airborne gravity data. The inclusion of the airborne gravity dataset provides uniform coverage of the country and has resulted in an improved gravity model, particularly in remote, mountainous and coastal areas.

Transformations from the 13 major local vertical datums to NZVD2016 are defined by a grid of values instead of an average value for the entire datum. This means that the height difference between the datums varies depending on the horizontal position of the observation.

While NZVD2016 is not currently an official vertical datum for cadastral surveys, surveyors are encouraged to use NZVD2016 where a reduced level is included in their cadastral survey. Note that a [dispensation \(//www.linz.govt.nz/land/surveying/csd-preparation/survey-requests/dispensation-exemption\)](http://www.linz.govt.nz/land/surveying/csd-preparation/survey-requests/dispensation-exemption) will be needed from the Surveyor-General to use NZVD2016 where an [official vertical datum \(//www.linz.govt.nz/regulatory/65301\)](http://www.linz.govt.nz/regulatory/65301) is required to be used by rule 4.3(a) of the Rules for Cadastral Survey 2010.

The online coordinate converter has also been updated simplifying vertical datum transformations.

- [View files related to NZVD2016 on the LINZ Data Service \(https://data.linz.govt.nz/data/category/geodetic/vertical-datum-2016/\)](https://data.linz.govt.nz/data/category/geodetic/vertical-datum-2016/)
- [Access the update online coordinate converter \(http://apps.linz.govt.nz/coordinate-conversion/index.aspx?Advanced=2&test=\)](http://apps.linz.govt.nz/coordinate-conversion/index.aspx?Advanced=2&test=)

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## Articles referenced within this issue

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