

Important:

This article was published on Tuesday, 5 July 2016 - 9:35am.
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 July 2016 \(/news/2016-07/landwrap-july-2016\)](/news/2016-07/landwrap-july-2016)

Issue 129

This month we provide an update about the August Landonline maintenance release; a reminder about scanning and attaching images in Landonline; information about our new vertical datum and coordinate update; and an update about access to Landonline last week.



Landonline maintenance release 3.14

All Landonline users

The next Landonline maintenance release is planned for Monday 8 August.

Detailed information on the content of the release will be available on our website closer to the time.

For Survey users, Mark Descriptions will now display in the Survey Layout Sheets. These descriptions will be editable like any other text, or hidden if the user does not want to show them. The Automated Survey Report has been enhanced to provide more system answered Yes/No questions. If you have an irregular line captured and you edit that line layer in the Spatial window, you will see two new radio buttons have been added into the CSC_S05 Line Layer screen for indicating whether the line is a 'Water Boundary' or 'Irregular Boundary'. Your selection will be reflected in Question G(f) or/and G(h) of the Automated Survey Report.

For Titles users, the release will include a validation for Caveats/Notices of Claims that a postal address is prefixed with PO Box. This will assist in reducing the number of requisitions relating to incomplete address details for these instrument types. There is also a new check which will result in any transfer to a body corporate stepping down for staff to check that the circumstances are correct.

So that we can carry out this release, Landonline is unlikely to be available on Saturday 6 August 2016 (further updates will be provided if this date changes).

Normal hours of service will resume on Monday 8 August.

Scanning and attaching images in Landonline

All Landonline users

Image quality is one of the top three titles requisition items. If you are scanning to PDF format, please ensure you scan in black and white. The conversion to Tiff that then occurs in Landonline will be much clearer if the PDF image is black and white.

[Read more about scanning and attaching images \(//www.linz.govt.nz/kb/689\)](http://www.linz.govt.nz/kb/689)

New vertical datum and nationwide coordinate update

Surveyors

We have released a new vertical datum, New Zealand Vertical Datum 2016 – a reference system for measuring heights.

[Read more about the new vertical datum \(//www.linz.govt.nz/news/2016-06/new-vertical-datum\)](http://www.linz.govt.nz/news/2016-06/new-vertical-datum)

In the near future the Surveyor-General will be consulting with surveyors on a change to the current list of official datums in Ruling [LINZR65301 \(//www.linz.govt.nz/regulatory/65301\)](http://www.linz.govt.nz/regulatory/65301), with the view of adding NZVD2016 to enable its use in a cadastral survey.

We have also completed an update of almost all Order 0-6 geodetic marks (about 80,000 marks).

[Read more about the coordinate update \(//www.linz.govt.nz/news/2016-07/nationwide-coordinate-update\)](http://www.linz.govt.nz/news/2016-07/nationwide-coordinate-update)

Landonline access last week

All Landonline users

Last Thursday, we had issues with the systems that support our web-based services. While Landonline was unaffected, these issues may have impacted on your ability to access it through our website, and so we shared a direct log in to Landonline. We're also aware that these issues prevented phone access to our Customer Support team.

We apologise for any inconvenience caused and are reviewing our IT processes to minimise disruption if similar events re-occur.

Related Content

- [Landwrap \(//about-linz/publications/landwrap\)](http://www.linz.govt.nz/about-linz/publications/landwrap)
- [Subscribe to Landwrap \(//land/landonline/get-started/subscribe-landwrap\)](http://www.linz.govt.nz/land/landonline/get-started/subscribe-landwrap)

Last Updated:

5 July 2016

Articles referenced within this issue

[Scanning and attaching documents in Landonline \(//kb/689\)](http://www.linz.govt.nz/kb/689)

Much registration in Landonline involves scanning and uploading documents which, when registered, will become part of the Land Transfer Register and embody the rights and responsibilities described within the document. Here's how to ensure your image quality meets the required standards.

It is important that scanned documents are clear and easy to read – both on a screen and when printed. If a document does not meet these criteria for registration, LINZ will ask the practitioner to improve the image quality of the document.

Section 28 of the Land Transfer (Computer Registers and Electronic Lodgement) Amendment Act 2002 covers this. Section 28 enables LINZ to requisition or reject an electronic instrument because of a poor quality image.

The following table outlines the options when attaching images:

Landonline process	Types of attachment accepted
e-survey and TA	TIFF, PDF, JPG
e-dealing	TIFF, PDF
Requests (all users)	TIFF, PDF, JPG

The best settings for Landonline

Our preferred format is TIFF because Landonline converts PDF to TIFF format, which reduces the quality of the image.

When you scan your documents to upload to Landonline, the best settings are:

Format:TIFF

Compression:CCITT G3 or G4

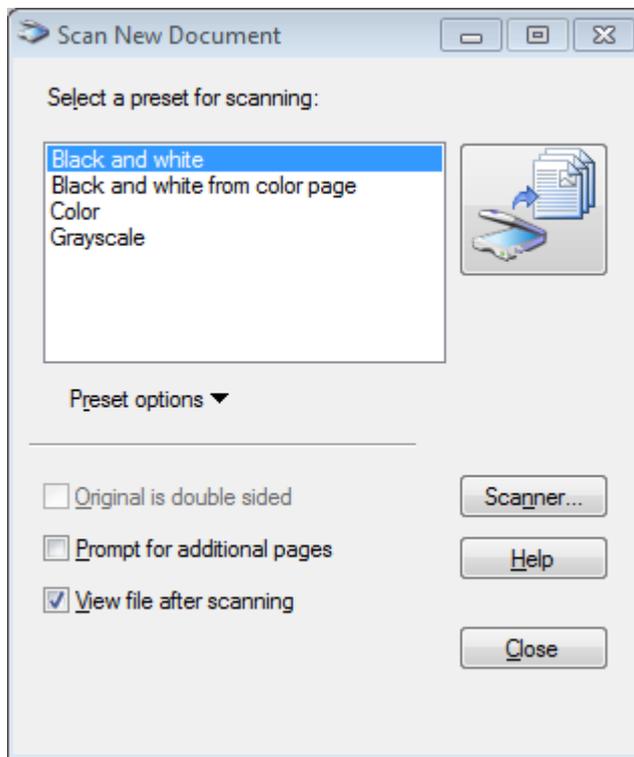
Resolution: 150-300 dpi (the higher the resolution the better)

Colour: Black and white images only

Check out [Landonline scanning requirements \(//www.linz.govt.nz/kb/800\)](http://www.linz.govt.nz/kb/800) for full details.

Scanning to PDF

If you must scan to PDF format, then scan in black and white. The conversion to TIFF will be clearer if the PDF image is black and white, even if the original document is black and white. You should have scanner setting similar to the following screenshot.



Tools to help you

If you are having difficulty in getting your image into the correct format, there are a number of ways to convert your existing file.

The first option is to [download the Landonline Print-to-TIFF driver \(//www.linz.govt.nz/kb/483\)](http://www.linz.govt.nz/kb/483), and use that to convert your images. [Step 5 \(//www.linz.govt.nz/land/landonline/system-support-and-software-downloads/software-downloads#step5\)](http://www.linz.govt.nz/land/landonline/system-support-and-software-downloads/software-downloads#step5) of the Essential Downloads table will help give you further information.

Alternatively you can use an online file conversion tool, there are a number of these available and the following steps provide just one example:

1. Go to: <http://docupub.com/pdfconvert/> (<http://docupub.com/pdfconvert/>)
2. Set conversion settings as per screenshot (right)

1 Conversion Settings:

Output format:

Resolution:

Tiff type:

Multi page:

3. Browse for file to be converted.

4. Choose the delivery method: The default option 'Wait for conversion in browser' will open another screen with a link to download the converted file.
5. Click the 'Upload & Convert' button
6. Download the converted file.

Related Content

- [Landonline Print-to-TIFF Driver \(/kb/483\)](#)

Last Updated:

7 November 2016

[New vertical datum \(/news/2016-06/new-vertical-datum\)](#)

LINZ has released a new vertical datum – a reference system for measuring heights.

This is essential data for understanding the height of our land and its features, and so can help researchers and planners predict how water will flow during a flood or storm.

It will also enable engineers to consistently locate underground services, surveyors to efficiently define three-dimensional property boundaries and scientists to reliably measure changes in sea level.

The project to update the vertical datum has been led by LINZ in partnership with Victoria University and GNS Science.

[Read the Minister's statement \(https://www.beehive.govt.nz/release/new-data-identifying-flood-risk\)](https://www.beehive.govt.nz/release/new-data-identifying-flood-risk)

Related Content

- [New Zealand Vertical Datum 2016 \(NZVD2016\) \(/data/geodetic-system/datums-projections-and-heights/vertical-datums/new-zealand-vertical-datum-2016-nzvd2016\)](#)
- [New Zealand Quasigeoid 2016 \(NZGeoid2016\) \(/data/geodetic-system/datums-projections-and-heights/vertical-datums/new-zealand-quasigeoid-2016-nzgeoid2016\)](#)

Related Legislation

- [Standard for New Zealand Vertical Datum 2016 - LINZS25009 \(/regulatory/25009\)](#)

[Nationwide coordinate update \(/news/2016-07/nationwide-coordinate-update\)](#)

We've completed an update of almost all Order 0-6 geodetic marks (about 80,000 marks).

Updated coordinates are available in Landonline and the Geodetic Database. The update will make life easier for users of geodetic coordinates as the improved accuracy will reduce conflicts between user data and LINZ data that can take time to resolve. Over time, this increased geodetic coordinate accuracy will improve the accuracy of aligned datasets, such as the digital cadastre.

[Read more information on the coordinate update \(//www.linz.govt.nz/data/geodetic-system/geodetic-control-network-development-maintenance-and-protection/annual-programme/nationwide-update-geodetic\)](http://www.linz.govt.nz/data/geodetic-system/geodetic-control-network-development-maintenance-and-protection/annual-programme/nationwide-update-geodetic)

Related Content

- [Nationwide update to geodetic coordinates 2016 \(//data/geodetic-system/geodetic-control-network-development-maintenance-and-protection/annual-programme/nationwide-update-geodetic\)](http://data/geodetic-system/geodetic-control-network-development-maintenance-and-protection/annual-programme/nationwide-update-geodetic)
 - [Geodetic services \(//data/geodetic-services\)](http://data/geodetic-services)
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