

Important:

This article was published on Tuesday, 2 February 2016 - 4:06pm. 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 February 2016 \(/news/2016-02/landwrap-february-2016\)](#)

Issue 125

This month we cover the draft rules for Canterbury surveys, tips to improve compliance with survey report requirements, a note on software updates that might affect your Landonline experience, and a minor update to the Standard for lodgement of CSDs.



Draft rules for Canterbury surveys

Surveyors

The Surveyor-General is seeking feedback on draft rules for cadastral surveys affected by earthquake movement in Canterbury.

New rules will be required if the Canterbury Property Boundaries and Related Matters Bill is passed into law. The Bill was introduced into Parliament on 22 October 2015. If passed it will create certainty for property owners in greater Christchurch by deeming that property boundaries moved with the movement of land caused by the Canterbury earthquakes.

A two-hour workshop on the draft rules will be held in the LINZ Christchurch office on Wednesday 24 February at 4pm.

Interested parties are invited to provide feedback by 2 March 2016.

Further consultation on a set of 'Proposed' rules will be undertaken if the Bill becomes law.

[Read the draft rules and background information \(//www.linz.govt.nz/news/2016-01/consultation-draft-cadastral-survey-rules-for-canterbury\)](http://www.linz.govt.nz/news/2016-01/consultation-draft-cadastral-survey-rules-for-canterbury)

What to include in a Survey Report

Surveyors

The survey report is a critical part of a Cadastral Survey Dataset. Following the NZIS CSD Quality Seminars and the introduction of the optional Automated Survey Report, we've pulled together some tips to help you include the right information and level of detail in your Survey Report. This will assist you in complying with the reporting requirements of the Rules for Cadastral Survey 2010 and increase the likelihood of first time compliance.

[Read tips for creating a compliant Survey Report \(//www.linz.govt.nz/kb/855\)](http://www.linz.govt.nz/kb/855)

Software updates

All Landonline users

Occasionally software providers such as Google or Microsoft make changes or updates to their products that can have an impact on Landonline users.

While we have no control over these updates, we will always endeavour to assist with any issues that arise from such changes.

It is important to note that issues caused by external changes to software such as to browsers or their local configuration are not always immediately apparent and may take some time to diagnose.

[Read about the software we support and system requirements for using Landonline \(//www.linz.govt.nz/land/landonline/system-support-and-software-downloads\)](http://www.linz.govt.nz/land/landonline/system-support-and-software-downloads)

Update to Standard for lodgement of cadastral survey datasets (LINZ70000)

Surveyors

The Standard for lodgement of cadastral survey datasets (LINZ70000) came into effect on 21 October 2013 and sets the minimum captured requirements for cadastral survey datasets. Some of the commentary and links have been updated as a result of changes to the LINZ website and Landonline enhancements. Due to the changes being limited to commentary and/or hyperlinks, hard copy versions will not be republished at this time.

[Read the current Standard \(//www.linz.govt.nz/regulatory/70000\)](http://www.linz.govt.nz/regulatory/70000)

PositionNZ updates via email

Surveyors

Users of LINZ's PositionNZ network – which provides GPS/GNSS data for surveyors and others – can now get email updates on the service.

LINZ is trialling email updates about network maintenance or station outages following customer feedback. We're also investigating the potential for a web page for all Continuously Operating Reference Stations (CORS) in New Zealand.

[Find out how to get email updates and read about our customer survey](http://www.linz.govt.nz/news/2016-02/positionz-updates-email)
[\(/www.linz.govt.nz/news/2016-02/positionz-updates-email\)](http://www.linz.govt.nz/news/2016-02/positionz-updates-email)

Related Content

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- **[Consultation on draft cadastral survey rules for Canterbury \(/news/2016-01/consultation-draft-cadastral-survey-rules-for-canterbury\)](/news/2016-01/consultation-draft-cadastral-survey-rules-for-canterbury)**

Surveyors and others working in Canterbury have been asked to provide feedback on an early draft of new cadastral surveying rules (the Canterbury Rules).

Land Survey

- **[Survey report: Tips for compliance with Rule 8.2 \(/kb/855\)](/kb/855)**

The survey report is a critical part of a Cadastral Survey Dataset and should contain all of the elements required by rule 8.2 and lodgement standard 7.

Survey

- **[System support and software downloads \(/land/landonline/system-support-and-software-downloads\)](/land/landonline/system-support-and-software-downloads)**

Get set up with the right software, hardware and connectivity to run Landonline – and know where to get technical support when you need it.

- **[Standard for lodgement of cadastral survey datasets - LINZS70000 \(/regulatory/70000\)](/regulatory/70000)**

This standard for lodgement of CSDs is issued by the Chief Executive under section 9(c) of the Cadastral Survey Act 2002.

Articles referenced within this issue

[Consultation on draft cadastral survey rules for Canterbury \(/news/2016-01/consultation-draft-cadastral-survey-rules-for-canterbury\)](/news/2016-01/consultation-draft-cadastral-survey-rules-for-canterbury)

Surveyors and others working in Canterbury have been asked to provide feedback on an early draft of new cadastral surveying rules (the Canterbury Rules).

The rules have been developed to help support the potential law change that the Canterbury Property Boundaries and Related Matters Bill will bring about if enacted.

The Bill, currently being considered by the Local Government and Environment Select Committee, says that, for greater Christchurch, property boundaries are deemed to have moved with the movement of land caused by the Canterbury Earthquakes.

Cadastral surveys underpin New Zealand's property rights system and form the basis of the national cadastre – which is a public record of the location and spatial extent of land ownership. The Canterbury Rules will provide new requirements that cadastral surveyors must meet when carrying out and then lodging a cadastral survey with LINZ where boundary movements in greater Christchurch have exceeded accepted survey tolerances.

“These rules are essential for turning the legislation into reality for surveyors, and we're hoping to have them ready to go as soon as possible after any new legislation is enacted,” says Surveyor-General Mark Dyer.

“We're seeking early feedback from surveyors and others as we develop draft rules to make sure they will be easy to use and cover everything needed to support the new law.”

“There will be another round of consultation if the Bill is enacted before the new rules are finalised. Our hope is that by involving the surveying profession now, we can iron out any technical and practical problems at this early stage – subject to any changes to the Bill,” says Mark.

Consultation on the draft rules is open until 2 March 2016. LINZ is also holding a workshop for surveyors in Christchurch to discuss the draft rules and answer questions.

If you'd like more information on the workshop, please email Assistant Surveyor General Rod Newland: rnewland@linz.govt.nz (<mailto:rnewland@linz.govt.nz>)

[Read the rules and find out how to provide feedback \(/www.linz.govt.nz/land/surveying/canterbury-earthquakes/information-for-canterbury-surveyors/consultation-draft-cadastral-survey-rules-for\)](http://www.linz.govt.nz/land/surveying/canterbury-earthquakes/information-for-canterbury-surveyors/consultation-draft-cadastral-survey-rules-for)

[Survey report: Tips for compliance with Rule 8.2 \(/kb/855\)](#)

The survey report is a critical part of a Cadastral Survey Dataset and should contain all of the elements required by rule 8.2 and lodgement standard 7.

Incorrect or incomplete reporting accounts for almost 10% of requisitions – this article contains tips to help you avoid common reporting non-compliance.

Some key points

- Rule 8.2(a) sets out 16 requirements (i-xvi) that must be addressed in the survey report.
- Rules 8.2(b) (i) and (ii) provide for situations where the required information is either located elsewhere in the CSD (this must be stated in the report) or is not required.

- Where information is required, it should provide the right level of detail. The requirements include providing the “basis”, “details”, “reasons”, “assessment” and “decisions” pertaining to the survey. Very high-level or general comments may be adequate on simple surveys, but are generally not sufficient. For example, ‘All boundaries and intersections with existing boundaries have been defined by survey’ does not provide enough information.

Detail to include

The information you include should provide enough detail to support the decisions made. For example:

Purpose of the survey

Explain the outcome the survey is intended to achieve. Reference to relevant legislation is often helpful, particularly for Survey Office (SO) CSDs. For instance:

- To define parcels to be acquired for road and road stopping under Part 8 of the Public Works Act; or
- To create 3 primary parcels using the subdivision provisions of the RMA 1991; or
- To define a portion of deeds land to be brought under the Land Transfer Act 1952

Orientation and adjustments

Explain the basis for determining the orientation of bearings and any bearing or scale adjustment applied. Read about [obtaining and proving orientation \(//www.linz.govt.nz/kb/732#obtain\)](http://www.linz.govt.nz/kb/732#obtain).

If a prior survey has applied an adjustment, and your survey does not, the report should explain why.

Conflict

Give details of any boundary conflict (see definition of ‘conflict’ in rule 2) that has been found and how this was resolved. If this is included in the section of the report on definition, the information doesn’t have to be repeated in the conflict section.

Old survey marks

Explain the reasons for not relying on an old survey mark, list those marks searched for and not located, and explain why any relevant marks were not searched for. Include an assessment of the adequacy of the number and location of old survey marks used to define boundaries.

Existing boundaries defined by survey

Give reasons for and details of decisions made regarding each existing boundary defined by survey, and the information considered in order to reach those decisions. Relevant evidence could include whether adjoining titles have been respected, occupation that has been considered etc. In complex cases you may like to attach and refer to a calculation sheet/diagram etc.

Water and irregular boundaries

Information about the accuracy of determination of any water boundary or irregular boundary and the factors taken into account, as specified in rule 3.4. Relevant information includes whether the boundary has been adopted/accepted or fixed, and the rules/evidence considered to make these decisions.

Rules 16, 17 and 18 requirements

Note the additional reporting requirements for Class C covenant parcels (rule 16.5), non-primary parcels where the underlying parcel boundaries are not accurate (rule 17.2) and for boundaries affected by ground movement (rule 18.4).

Pre-validation reporting

Actions taken to address the C-rule conflicts and warning messages, and all adjustment report test failures and warning messages (Lodgement Standard 7), i.e. where they are material to the survey and haven't been reported elsewhere in the survey report.

Automated Survey Report

The optional automated survey report is automatically populated with some information from your captured data. You are then required to provide a comment, which in some instances is mandatory and in others optional. In providing your comment you should include sufficient explanation and justification for the decisions made and answers given. This may simply be 'Not applicable' eg. in cases where no bearing swing has been applied or where there are no existing easements. More detail, explanation and justification is needed in cases where the rules specifically require it.

[Watch and read about the automated survey report \(//www.linz.govt.nz/kb/699\)](http://www.linz.govt.nz/kb/699)

Replacement SUD for Automated Survey Report

In some situations, we may contact you to request an amended report rather than sending the CSD back on requisition. If the optional automated survey report has been used, it is possible for you to do the amendments without us sending the CSD back, provided the amendments are to the comments only and don't require changes to the yes/no answers of the radio buttons. You can access the Survey Report tab in Manage Survey Transaction even after having submitted the CSD. To do this, simply make the amendments, export the amended survey report as a TIFF image or print as a PDF, and email it to the Property Rights Analyst (PRA) processing the CSD. These changes cannot be saved within the CSD.

File Attachments

- [Survey Report template \(v7 - April 2015\) \(https://www.linz.govt.nz/system/files_force/media/file-attachments/SurveyReportTemplate%20%28v7_April%202015%29.docx?download=1\)](https://www.linz.govt.nz/system/files_force/media/file-attachments/SurveyReportTemplate%20%28v7_April%202015%29.docx?download=1) DOCX | 57.72 KB

Related Content

- [Standard for lodgement of cadastral survey datasets - LINZS70000 \(/regulatory/70000\)](/regulatory/70000)
- [Rules for Cadastral Survey 2010 \(/regulatory/tbc\)](/regulatory/tbc)

- [Automated Survey Report \(/kb/699\)](/kb/699)
- [Horizontal Datum - orientation \(/kb/732\)](/kb/732)
- [Survey report \(/kb/763\)](/kb/763)

Last Updated:
10 August 2018

[System support and software downloads \(/land/landonline/system-support-and-software-downloads\)](/land/landonline/system-support-and-software-downloads)

Get set up with the right software, hardware and connectivity to run Landonline – and know where to get technical support when you need it.

We provide support for the following software provided by LINZ: Digisign software, Landonline components, Landonline print-to-TIFF driver and the DC loader wizard. Download software and read more about technical set-up below.

We can provide limited help if you encounter issues with your operating system, internet browser, Citrix receiver or Uniprint client while using Landonline. You'll find supported versions on the system requirements page below. For in-depth support and queries about unsupported software, you'll need to talk to your IT support person.

We can help you use the image preview before printing, but for the print job itself you'll need to talk to your IT support person.

For issues with your firewall or proxy server, you'll also need to speak with your IT support person if your question isn't answered on the system requirements page below.

Looking for information about your Digital Certificate?

[Find out about installing, renewing, transferring and deleting Digital Certificates \(/www.linz.govt.nz/land/landonline/digital-certificates-and-security\)](http://www.linz.govt.nz/land/landonline/digital-certificates-and-security)

[Standard for lodgement of cadastral survey datasets - LINZS70000 \(/regulatory/70000\)](/regulatory/70000)

This standard for lodgement of CSDs is issued by the Chief Executive under section 9(c) of the Cadastral Survey Act 2002.

Document Status:

Current

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70000

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Cadastral

Document Type:

Standards

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17 September 2013

It sets the minimum capture requirements for the lodgement of cadastral survey datasets using Landonline to assist with efficient and consistent processing and integration into the cadastre.

Licensed cadastral surveyors must comply with this standard when lodging CSDs with LINZ for approval as to survey. It will also be used by LINZ staff when validating and approving CSDs for integration into the cadastre.

The standard came into effect on 21 October 2013.

Note: This standard was amended on 21 December 2015 (commentary only).

Attachments

- [Standard for lodgement of cadastral survey datasets - LINZS70000](https://www.linz.govt.nz/system/files_force/media/regulatory-documents/Standard%20for%20lodgement%20of%20cadastral%20survey%20datasets%20-%20LINZS70000_1.pdf?download=1) (https://www.linz.govt.nz/system/files_force/media/regulatory-documents/Standard%20for%20lodgement%20of%20cadastral%20survey%20datasets%20-%20LINZS70000_1.pdf?download=1) PDF | 258.97 KB
- [Standard for lodgement of cadastral survey datasets - LINZS70000](https://www.linz.govt.nz/system/files_force/media/regulatory-documents/Standard%20for%20lodgement%20of%20cadastral%20survey%20datasets%20-%20LINZS70000.rtf.doc?download=1) (https://www.linz.govt.nz/system/files_force/media/regulatory-documents/Standard%20for%20lodgement%20of%20cadastral%20survey%20datasets%20-%20LINZS70000.rtf.doc?download=1) DOC | 685 KB

Related Content

- [Interim guide to the amended Rules for Cadastral Survey 2010 - LINZG65704 \(/regulatory/65704\)](#)
 - [Interpretation guide to Rules for Cadastral Survey 2010 - LINZG65700 \(/regulatory/65700\)](#)
 - [Rules for Cadastral Survey 2010 \(/regulatory/tbc\)](#)
 - [Standard for integration & provision of cadastral survey data - LINZS10003 \(/regulatory/10003\)](#)
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