Release notes for surveyors

Changes for surveyors as part of Landonline release 3.20

() () Automated Schedule/Memorandum Tab – Unable to add a new note

Defect LOLCM-1462 (External)

Description

When users were trying to add/edit a Note table, they were getting a 9005 error message which in turn kicked them off Landonline completely.

This was caused by an empty note field in the schedule table.

Action

Fixed

User can now add, edit, delete Notes in their schedule table without issue

() Automated Schedule/Memorandum Tab – 'Shown' Drop Down List

Enhancement LOLCM-1479 (External)

Description

Currently in the Automated Schedule/Memorandum tab, only 'Created' and 'Referenced' parcels are displayed in the 'Shown' drop down list.

Users are unable to select 'Extinguished' non primary parcels. As a workaround, they can manually type them into the 'Shown' field, but can be time consuming to do so.

Action

- Add any easements that are being extinguished or referenced to the Parcel Capture list:

Parcel Id	Parcel Appellation	Area (ha)	Action	Parcel Intent	Linked
13	Marked A Deposited Plan 419908		Extinguished	Easement	☐
14	Marked B Deposited Plan 419908		Extinguished	Easement	☐
15	Marked C Deposited Plan 419908		Extinguished	Easement	☐
16	Marked D Deposited Plan 419908		Extinguished	Easement	☐
17	Marked E Deposited Plan 419908		Extinguished	Easement	☐
18	Marked F Deposited Plan 419908		Extinguished	Easement	☐
1	Lot 1 Deposited Plan 488414	0.4133	Created	Fee Simple Title	☑
2	Lot 2 Deposited Plan 488414	0.7247	Created	Fee Simple Title	☑
3	Area A Deposited Plan 488414		Created	Easement	☑
4	Area B Deposited Plan 488414		Created	Easement	☑
5	Area C Deposited Plan 488414		Created	Easement	☑
6	Area D Deposited Plan 488414		Created	Easement	☑
7	Area E Deposited Plan 488414		Created	Easement	☑
8	Area F Deposited Plan 488414		Created	Easement	☑
9	Area G Deposited Plan 488414		Created	Easement	☑
10	Area H Deposited Plan 488414		Created	Easement	☑
11	Area J Deposited Plan 488414		Created	Easement	☑
12	Lot 2 Deposited Plan 419908	1.1381	Extinguished	Fee Simple Title	☐

- The 'Shown' drop down list will now display newly created parcels and 'extinguished' easements. The extinguished easements are identified with their full appellation (e.g. Marked B 435203) and newly created parcels will display as Lot 1, Area J etc:
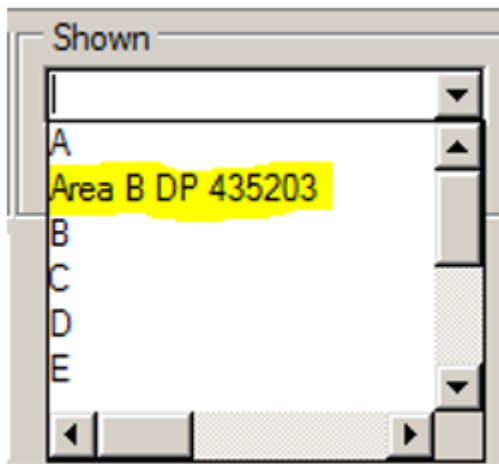
() Automated Schedule/Memorandum Tab – Allow Users to Sort Lines
Enhancement LOLCM-1480 (External)

Description

Currently there is no option to sort lines within any given Schedule. If a new easement is created, it cannot be inserted into a created schedule in a particular place.

Action

A new button has been added to the automated Schedule/Memorandum tab page and is located under the group box 'Line' and called 'Sort'

As long as the lines to be sorted are in the same table, then they will be able to be sorted.

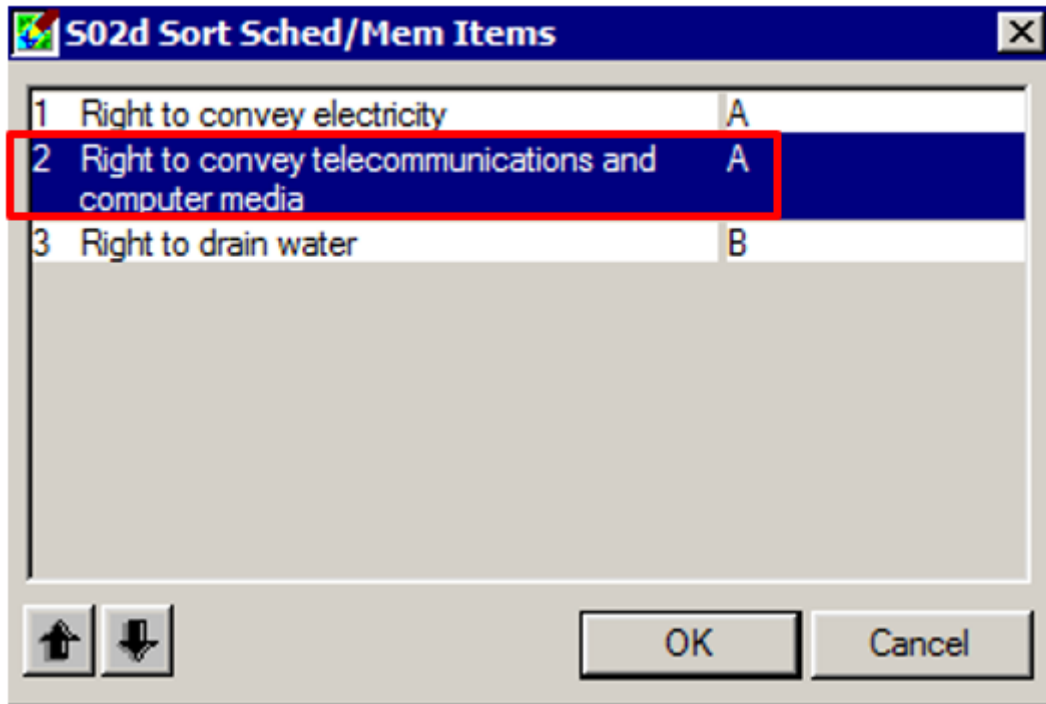Simply click on a line inside the table and select 'Sort' button in the 'Line' group box

The following window will open up and lines are selectable using the arrows, move the line to where it should be displayed in the table

In this example the 3rd Purpose in the previous screen was selected and moved up one position to sit 2nd inside the table:

Ensure that 'save' is selected in the Schedule/Memorandum table once any actions have been completed:

() Automated Schedule/Memorandum Tab – Add a New Purpose
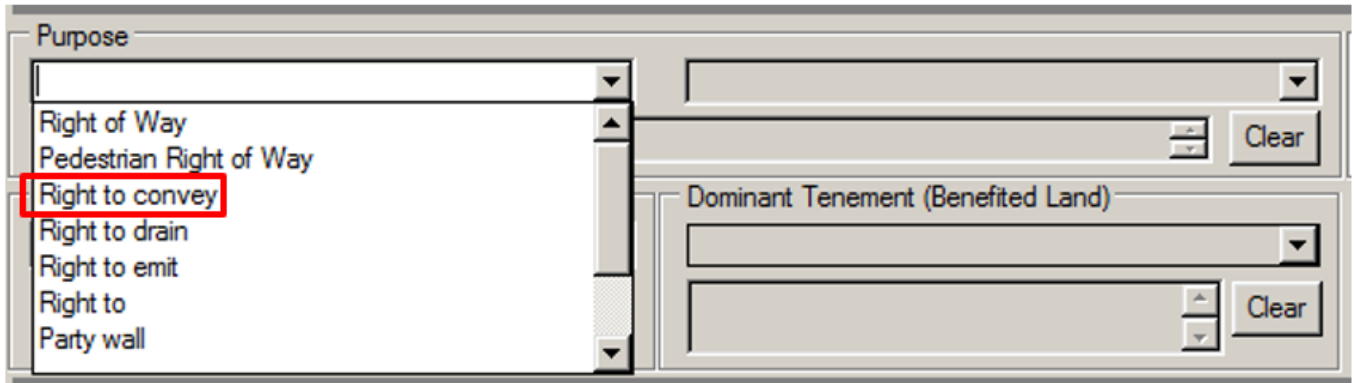**Enhancement LOLCM-1481 (External)**

Description

When the Automated Schedule/Memorandum was introduced the list of purposes was built to show the most commonly used ones.

There are two fields to enter a given 'Purpose'. A new Purpose 'telecommunications and computer media' has been added to the second 'Purpose' field.
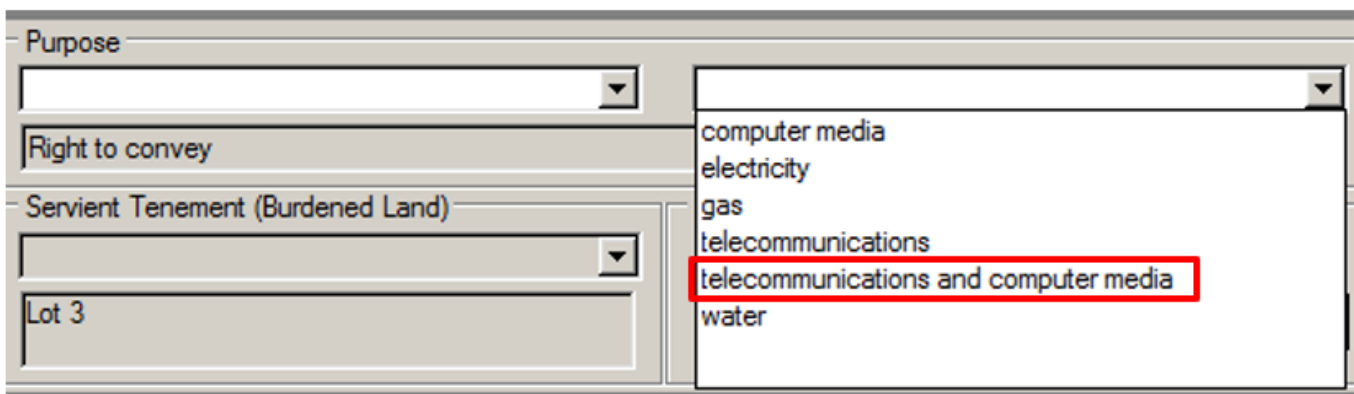
Action

To enter this new purpose do the following:

- In the first drop down 'Purpose' field select 'Right to convey'

- The second 'Purpose' field will now be active and new entries are selectable:
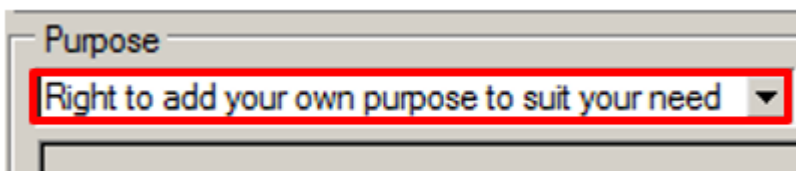
NOTE:

There is still the option of manually entering a 'Purpose' if the required one is not listed.

To do this simply place the cursor into the first 'Purpose' field and commence typing:

() Automated Schedule/Memorandum Tab – Servient Tenement (Burdened Land)
Enhancement LOLCM-1482 (External)

Description
When all created parcels (primary and non-primary) are listed in the Parcel List screen and then linked at Capture, the system recognises which new primary parcel the new easements are captured over.

Currently when users select a parcel from the 'Shown' drop down list, all Parcels are also displayed in the Servient Tenement field.

Users can easily select the wrong Servient Tenement parcel and incur an unnecessary requisition.

This new enhancement ensures that parcels selected in the 'Shown' drop down relate to the correct 'Servient Tenement' parcel.

Action
- If only one parcel is selected from the 'Shown' drop down list then the relevant parcel will display in the 'Servient Tenement' (Burdened Land) field:

- If more than one parcel is selected from the 'Shown' drop down list, and these parcels have different 'Servient Tenement' (Burdened Land) two things will occur:
  - The 'Servient Tenement (Burdened Land) for the first 'Shown' parcel selected will display

  - When the second 'Shown' parcel is selected, that is not in the same 'Servient Tenement (Burdened Land)' then message 125849 will appear
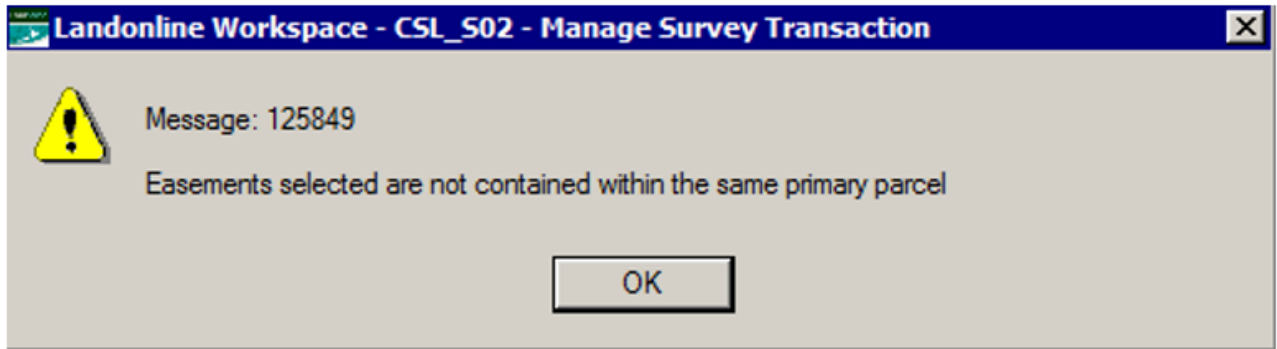
If this message is received then select OK and edit the parcels listed in the 'Shown' drop down box to ensure that only parcels with the same 'Servient Tenement (Burdened Land) are listed

() Automated Schedule/Memorandum Tab – Prevent Submission of Dataset if there are Blank Fields
Enhancement LOLCM-1483 (External)

Description
This enhancement has been built to enhance the usage of the Schedule/Memorandum tab and prevent blank mandatory fields being submitted to LINZ

If all schedules have been added to the Schedule/Memorandum tab, then the user will attach this as a Supporting Document.

The user may then go back into Capture and edit some data e.g. edit a parcel appellation, delete a created parcel from the parcel list with no need to go back into the 'Schedule/Memorandum' tab to update the previously entered data.

The results of not doing this are:

- Schedule/Memorandum tab no longer matches what is attached

- Schedule/Memorandum has blank fields

Action
When there are no Easements captured or a Schedule/Memorandum required:

- Prevalidation will report the Y027 rule as 'Information'

When Easements are captured spatially but a Schedule/Memorandum has not been created:

- Prevalidation will report the C504 rule as a 'Warning'

C504 - Warning - The following parcels are not in the easement schedule/memorandum: (2)

- Ensure that the Schedule/Memorandum is created with all the relevant parcels listed in this rule

When the Automated Schedule/Memorandum is Complete but not yet 'attached' as a Supporting Document:

- Prevalidation will report the C506 rule as 'Compliant'

C506 - Compliant - The system created Schedule\Memorandum does not contain blank values.

- No action required

- If a user **edits** a parcel in the Parcel List, then the Parcel will update in the Automated Schedule/Memorandum tab (this is because the Parcel id has not changed)
  i) Prevalidation will report the C506 rule as 'Compliant'

C506 - Compliant - The system created Schedule\Memorandum does not contain blank values.

- No action required

- If a user **deletes** a parcel from the Parcel List then there will be a blank field where that parcel had been entered into the automated Schedule/Memorandum tab (this is because the parcel id no longer exits)
  ii) Prevalidation will report C506 rule as a 'Warning'

C506 - Warning - The following table(s) in the Schedule\Memorandum have blank values: (1)
Schedule of Easements

- Ensure the values are updated in the automated Schedule/Memorandum

When the Automated Schedule/Memorandum is Complete and is 'attached' as a Supporting Document:

- Prevalidation will report the C506 rule as 'Compliant'

C506 - Compliant - The system created Schedule\Memorandum does not contain blank values.

- no action required

- If a user **edits** a parcel in the Parcel List (e.g. from Lot 1 to Lot 10) then the Parcel will update in the automated Schedule/Memorandum tab **but NOT** update in the already attached supporting document
  iii) Prevalidation will report the Y207 rule as a 'Warning'

Y027 - Warning - Survey capture edits have been made. Ensure the automated Schedule/Memorandum is updated and re-attached.

- To satisfy the Y027 warning rule do the following:

iv) Go to the Schedule/Memorandum tab

v) Select the 'Attach' button on the Schedule/Memorandum tab to update the already attached supporting document

- If a user **deletes** a parcel from the Parcel List (that was already populated in the automated Schedule/Memorandum tab)

  vi) There will be a blank field where that parcel had been entered in the automated Schedule/Memorandum tab but the already attached supporting document will still show the previously captured parcel

  vii) Prevalidation will report the Y027 rule as a 'Fatal'

Y027 - Fatal - Some parcels have been removed. Ensure the automated Schedule/Memorandum is updated and re-attached.

- To satisfy the Y207 fatal rule do the following:

viii) Go to the Schedule/Memorandum tab

ix) Select the line with blank values in it

x)   Select 'Remove' from the 'Sched/Mem' group box

- If a user **deletes** a parcel and **creates** a new parcel with the same Parcel id as the one that was deleted (i.e. deletes Parcel id 4 and creates a new parcel which becomes Parcel id 4 – as it was the last parcel id allocated)

  xi) Prevalidation will report the Y207 rule as a 'Warning'

Y027 - Warning - Survey capture edits have been made. Ensure the automated Schedule/Memorandum is updated and re-attached

- To satisfy the Y027 warning rule do the following:

xii) Go to the Schedule/Memorandum tab

xiii) Select the 'Attach' button on the Schedule/Memorandum tab to update the already attached supporting document

- If a user deletes a parcel and creates a new parcel with a different Parcel id as the one that was deleted (i.e. deletes Parcel id 1 and creates a new parcel which becomes Parcel id 8 – as it's the next id allocated)

  xiv) Prevalidation will report the Y027 rule as a 'Fatal'

Y027 - Fatal - Some parcels have been removed. Ensure the automated Schedule/Memorandum is updated and re-attached.

- To satisfy the Y207 fatal rule do the following:

xv)   Go to the Schedule/Memorandum tab

xvi) Select the line with the blank values in it

xvii) Select the 'Edit' button from the 'Line' group box
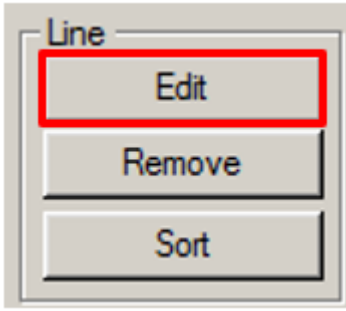
xviii) Re-select the values that had become blank from the drop down tables (relevant to the parcel that was deleted)

xix) Save the Schedule/Memorandum tab
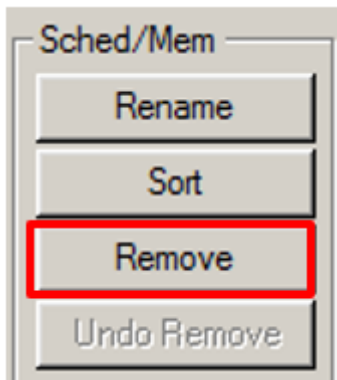
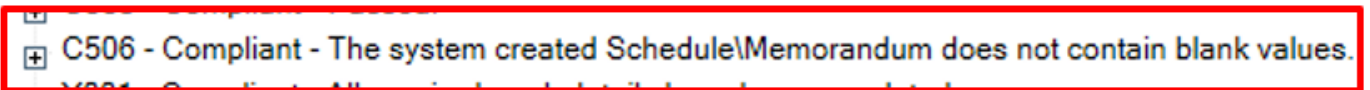xx) Select 'Attach' button to update the already attached supporting document

xxi) Prevalidation will report the C506 rule as 'Compliant'

() Automated Schedule/Memorandum Tab – Turn off the Automatic Attachment at Submit of Dataset
Enhancement LOLCM-1484 (External)

Description

There have been many instances whereby users start to enter data into the new Schedule/Memorandum tab, but have then decided it's not quite what they want. They decide not to complete populating this tab or decide not to attach this as a Supporting Document.

They instead attach a manual Schedule/Memorandum as a Supporting Document.

When the user submits their dataset (thinking that they have only attached the manual Schedule/Memorandum), the system automatically attached the automated version which was not wanted in the first place.

Users now have to ensure that if they want the automated Schedule/Memorandum added as a Supporting Document, then they have to attach it via the Schedule/Memorandum tab.

Action

Once all the schedules have been filled out on the automated Schedule/Memorandum tab, and want to attach this as a Supporting Document, select the 'Attach' button in the 'Document' group box:
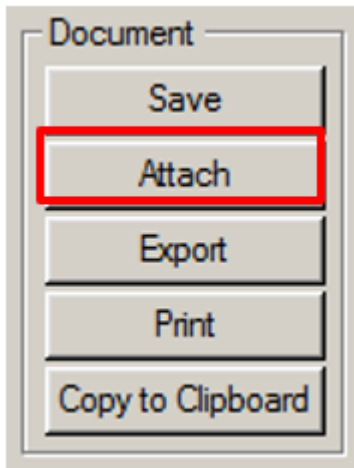
The system will then attach this as a 'System attached schedule/memorandum' document

NOTE:
If any changes are made back in Capture to parcels that affect information laid out in this Schedule/Memorandum tab, these changes won't appear on the previously attached supporting document.

All the data on Schedule/Memorandum tab page must be re-checked, and any edits made, then select the 'Attach' button again.

Selecting 'Attach' button again, will ensure that the previously attached Schedule/Memorandum document (system attached document only) will be over-written with the updated data.

Prevalidation business rules will report accordingly – See LOLCM-1483 release notes for those business rules.

() Automated Schedule/Memorandum Tab – Easements did not Display in the Order they were Captured
Defect LOLCM-1485 (External)

Description
It has been identified that, after users entered all the easements into the Schedule/Memorandum (in alphabetical order), that next time they re-opened the plan and selected the Schedule/Memorandum tab, some of the easements were out of order.

Action

Fixed

If this occurs again, users can now re-sort their lines within tables and save them in the desired order.

() Automated Schedule/Memorandum Tab – Increase Line Spacing Between Rights

Enhancement LOLCM-1486 (External)

Description

This enhancement is to make each 'Right' clearer by increasing the spacing between each new Right entered.

Action

When entering new rights into the automated Schedule/Memorandum, double line spacing now makes it easier to read each separate line entered

Example of the 'Preview' window in the Schedule/Memorandum tab

Land Registration District		Survey Number	
Otago		**LT 4000014**	

Territorial Authority (the Council)
Waitaki District

Schedule of Easements
Last Edited: 01 Jul 2019 13:28:59

Purpose	Shown	Servient Tenement (Burdened Land)	Dominant Tenement (Benefited Land)
Right of Way	A	Lot 3	Lot 2
Right to convey telecommunications and computer media	A	Lot 3	Lot 2
Right to drain water	B	Lot 2	Lot 1

Memorandum of Easements
Last Edited: 01 Jul 2019 13:33:29

Purpose	Shown	Servient Tenement (Burdened Land)	Dominant Tenement (Benefited Land)
Right to drain storm water	B	Lot 2	Lot 1

Example of attached Supporting Document

Land Registration District		Survey Number
Otago		LT 4000014

Territorial Authority (the Council)
Waitaki District

Schedule of Easements
Last Edited: 01 Jul 2019 13:28:59

Purpose	Shown	Servient Tenement (Burdened Land)	Dominant Tenement (Benefited Land)
Right of Way	A	Lot 3	Lot 2
Right to convey telecommunications and computer media	A	Lot 3	Lot 2
Right to drain water	B	Lot 2	Lot 1

Memorandum of Easements
Last Edited: 01 Jul 2019 13:33:29

Purpose	Shown	Servient Tenement (Burdened Land)	Dominant Tenement (Benefited Land)
Right to drain storm water	B	Lot 2	Lot 1

() Automated Schedule/Memorandum Tab – Add RL in front of Upper and Lower Height Limits
Enhancement LOLCM-1487 (External)

Description
The letters 'RL' in front of the Upper and Lower Height limits have been included and will now appear on the final Schedule/Memorandum document

Action
To show height limits on a Schedule/Memorandum, check the 'Height Limits' box

☑ Height Limits

Lower	-1.
Upper	1.

Once the schedule is inserted, the Height Limits will display with the letters RL in front of both Lower and Upper limits (if they are entered):

Land Registration District		Survey Number	
Otago		**LT 4000014**	

Territorial Authority (the Council)
Waitaki District

Schedule of Easements
Last Edited: 01 Jul 2019 13:37:03

Purpose	Shown	Servient Tenement (Burdened Land)	Dominant Tenement (Benefited Land)	Height Limits Lower	Upper
Right of Way	A	Lot 3	Lot 2	RL -1.00	RL 1.00
Right to convey telecommunications and computer media	A	Lot 3	Lot 2		
Right to drain water	B	Lot 2	Lot 1		

() Automated Schedule/Memorandum Tab – Notes Field is Blank after Editing
Enhancement LOLCM-1701 (External)

Description
There were some instances where Notes were added to the Schedule/Memorandum tab, then they were edited, or deleted and new Notes added, but upon saving the information, the Notes were not being displayed.

Action
Fixed

If users do any of the following in the Notes schedule:

- Add notes

- Edit notes

- Delete notes

- Re-add Notes

- Copy from a Word Document and paste into Notes

Any Notes that were deleted will be cleared to ensure a clean canvas is ready to start again and all notes added or edited will update and display

() Automated Schedule/Memorandum Tab – Change the Drop Down List for Servient Tenement (Burdened Land)
Enhancement LOLCM-1757 (External)

Description

When the table 'Schedule of Existing Easements to be Surrendered' is selected, the Servient Tenement (Burdened Land) drop down list did not allow for selecting 'Extinguished' parcels. This field does not allow for free text (manually entering information).

Action

Where the table 'Schedule of Existing Easements to be Surrendered' is chosen, the drop down list for 'Servient Tenement (Burdened Land) will now display for selection, all newly created primary parcels and any Extinguished primary parcels.

These parcels MUST be captured in the Parcel List in Capture in order for them to display.

()_Survey Prevalidation Report – Wording and Information
Enhancement LOLCM-41 (External and Internal)

Description

A requirement to change the existing wording presented for each rule in the survey prevalidation report has been identified by LINZ.

The rules will run the same but the wording will be clearer

Action

When Prevalidation is run the following results will be seen:

- The rules no longer repeat the business rule code – it appears once. See examples below (comparison of prior to and after 3.20 release)

- Some rules have sub rules that run and these will now be identified by displaying the rule followed by a digit prefix e.g. C445 (1), C445 (2) etc. as per examples below (comparison of prior to and after 3.20 release)

Landonline display of C rules prior to this release:


```
Items reported for Survey Capture > Warnings
⊞ C029 - Warning - C039 The following marks have names that differ from the mark name recorded in Landonline (5)
⊞ C440 - Warning - C440(1) There are no Cadastral survey network marks (6th order or better) in Landonline within the distance tolerance specified.
⊞ C455 - Warning - C455 The following non-boundary vectors have bearings that do not match the latest information held by Landonline. (1)
⊞ C460 - Warning - The following parcels have an area that differs from the Landonline calculated area by more than the rounding tolerance specified in Rule 5.3 (c)(ii). (1)
⊞ C483 - Warning - C483 The following adopted vectors have bearings that do not match the latest information held by Landonline (5)
⊞ C483 - Warning - C483 Supplied dimensions of adopted vectors have not been tested. (101)
⊞ C483 - Warning - C483 The following adopted vectors have distances that do not match the latest information held by Landonline (2)
⊞ C500 - Warning - C500(1) Any Edits made to the following Geodetic Mark Properties have been overridden and cannot be changed. Report proposed Edits to LINZ. (3)
⊞ C505 - Warning - There is a 223E Territorial Authority certificate. Please check that the manually attached schedule/memorandum has a Memorandum of Easements/Easements in Gross table.
```

Landonline display of C rules after this release:

Items reported for Survey Capture > Warnings

⊞ C029 - Warning - The following marks have names that differ from the mark name recorded in Landonline (5)
⊞ C440 - Warning - (1) There are no cadastral survey network marks (6th order or better) in Landonline within the distance tolerance specified.
⊞ C441 - Warning - The Survey Header screen should have a Vertical Datum option selected (1)
⊞ C455 - Warning - (1) The following non-boundary vectors have bearings captured as 'measured' or 'calculated' that do not match the latest information held by Landonline; (1)
⊞ C460 - Warning - The following primary parcels have an area that differs from the Landonline calculated area by more than the rounding tolerance specified in Rule 5.3(c)(ii) (1)
⊞ C483 - Warning - (2) The following adopted vectors have DISTANCES that do not match the latest information held by Landonline (3)
⊞ C483 - Warning - (1) The following adopted vectors have BEARINGS that do not match the latest information held by Landonline (5)
⊞ C483 - Warning - (5) Supplied dimensions of adopted vectors have not been tested as underlying information is not held by Landonline. (101)
⊞ C500 - Warning - (1) Any Edits made to the following Geodetic Mark Properties have been overridden and cannot be changed. Report proposed Edits to LINZ. (3)
⊞ C505 - Warning - There is a 223E Territorial Authority certificate. Please check that the manually attached schedule/memorandum has a Memorandum of Easements/Easements in Gross table.

() Landonline Change technology for Map Printing
Enhancement LOLCM-1533 (External & Internal)

Description
Minor change to map printing layout

Action
When printing from the spatial window CCL_S01 the orientation of the print layout can no longer be selected on screen CCL_S01J:
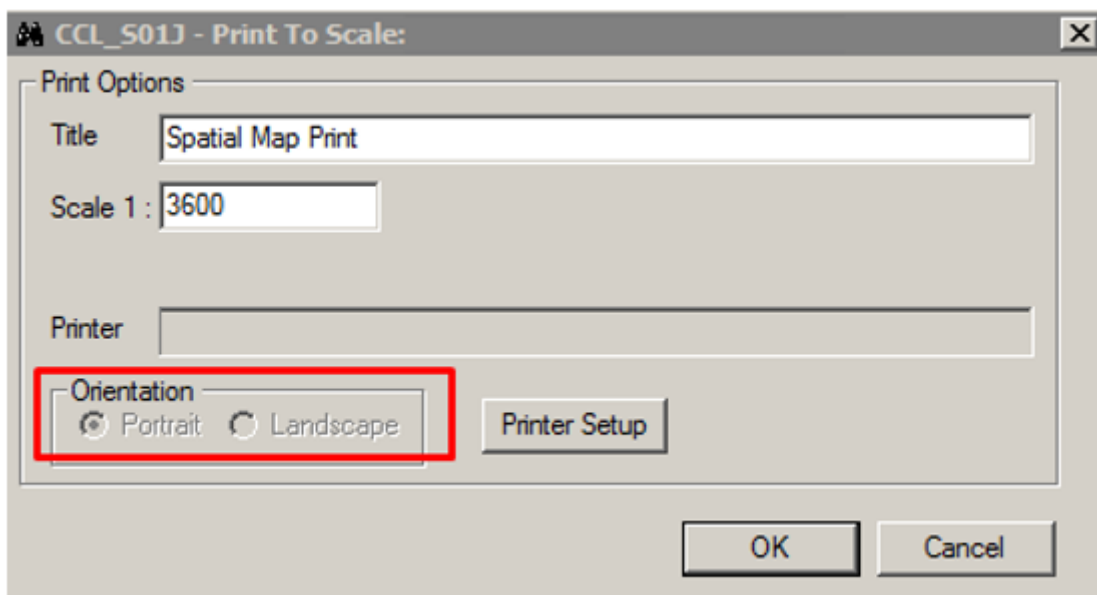
Select Printer Setup:
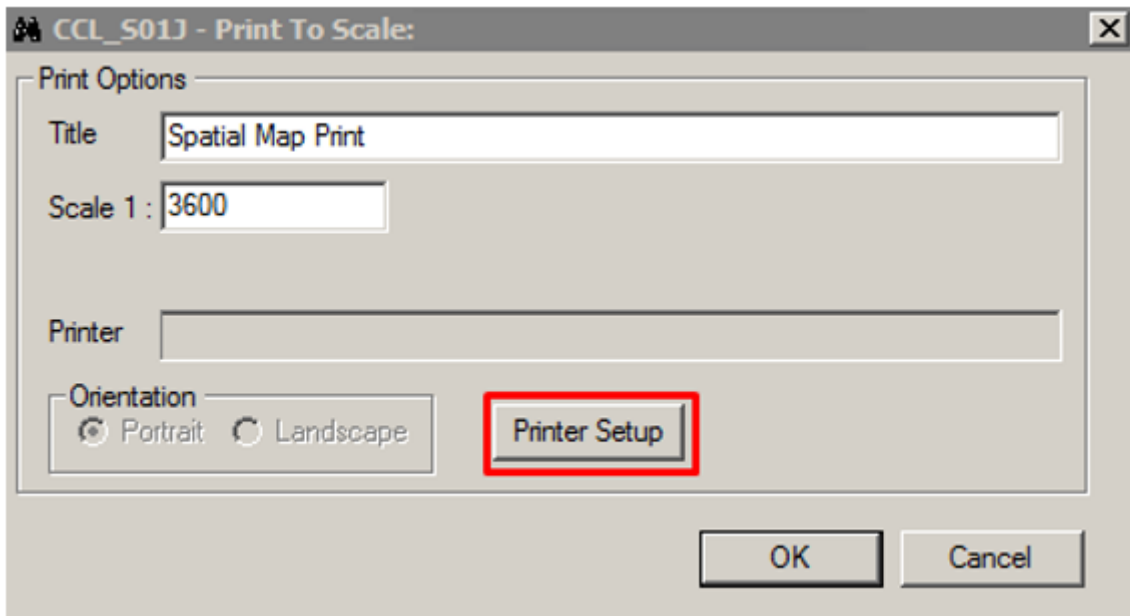
Select orientation:
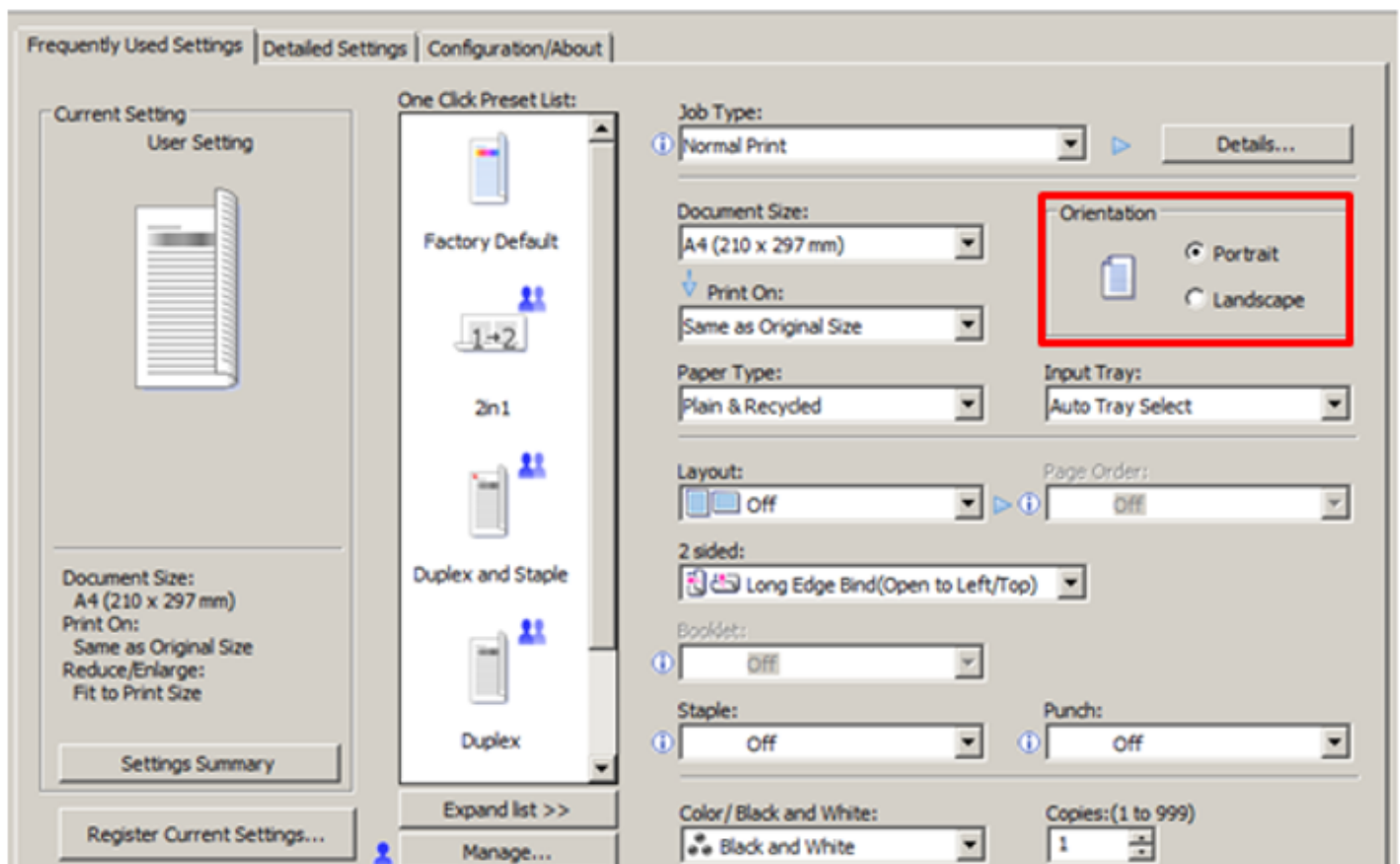
Note:

Printer setup options may vary slightly

() Correction to Transformation of Vertex Coordinates

Enhancement LOLCM-1558 (External)

Description

Irregular boundaries in non SDC areas, which require a significant shift upon linking the start and end nodes, create a kink or a stretch in the irregular line producing a shape that does not represent the captured feature.

This is caused when all the distortion is being assigned to the last segment of the irregular line.

Action

Capture Spatial Window Prior to Linking Marks:

- Determine if Landonline data is significantly different (non SDC areas)

- If captured marks are not linked determine if an exception request is required to move the Landonline nodes closer to match captured data (this includes not only end points to the irregular boundary but other nodes in the survey)

- Raise an exception request if the Landonline nodes need to be moved closer

- If no exception process is required, then simply link captured marks to the Landonline nodes.

Once the endpoints of the irregular lines are linked, the system distributes the transformation through the entire vertex sequence to eliminate any unwanted kink at each end.

()Survey Workflow Enhancement

Enhancement LOLCM-1593 (External)

Description

Landonline needs the capability to capture all the survey elements within a CSD, to enable it to be work flowed to a Property Rights Analyst with the correct skills.

This enhancement has introduced six new questions to be answered by surveyors prior to submitting a dataset. The answers to these questions are a representation of survey elements and assign corresponding learning codes to the plan upon submission. The plan will workflow to the right person within LINZ to validate.

Action

Surveyors Workspace:

- Six new questions will display on the Submit tab

- Each question must be answered either 'Yes' or 'No'

- Each question must be answered prior to Submit

Current functionality that checks for fields that require a value before the survey can be submitted will be retained but now also include validation of these six questions on the Submit tab

- If all or some of the questions are left unanswered, the CSD will not Submit and the following message will appear:
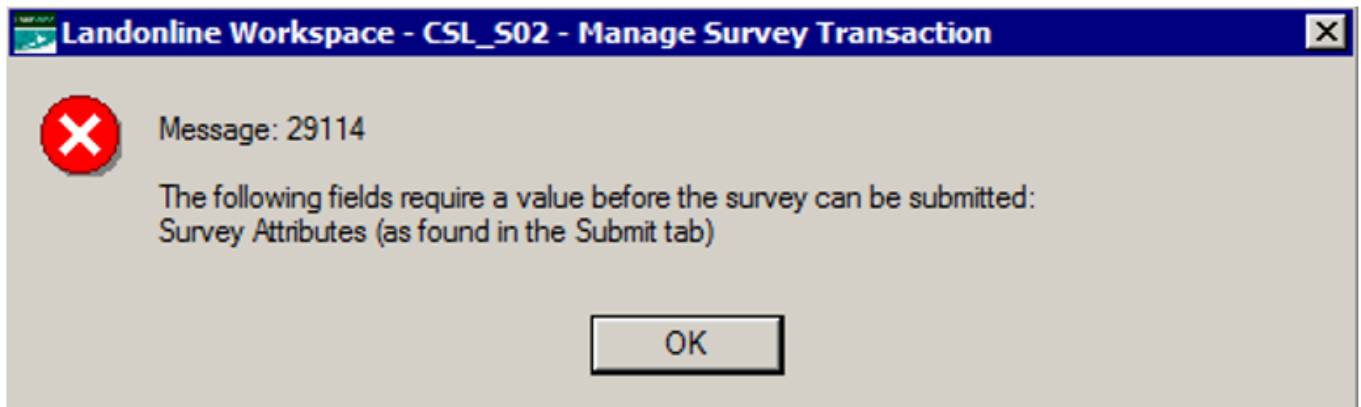
- Ensure all six questions are answered then Submit the dataset

() Comprised in Reference in Survey Header of CSD
Enhancement LOLCM-1594 (External)

Description

Up until now, when users are entering their Comprised in References in the Survey Header of their CSD, only Title references and Gazette Notices can be entered.

This new enhancement has added a third option to allow all other references to be entered.

Action

When entering Comprised in References into the Survey Header the following Types are now available:

- Title

- Gazette Notice

- Other

The following messages will occur when validating entries in the Comprise In Reference panel:

- If the 'Type' field is populated, but the 'Reference' field is empty, the following message appears:
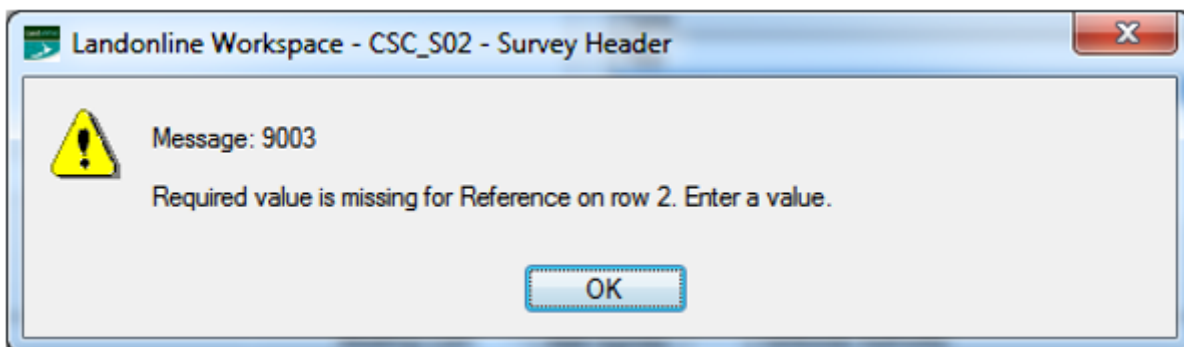
- If the 'Type' = Title, then the 'Reference' field has to be a valid Record of Title. The following message appears if the Title is not valid:
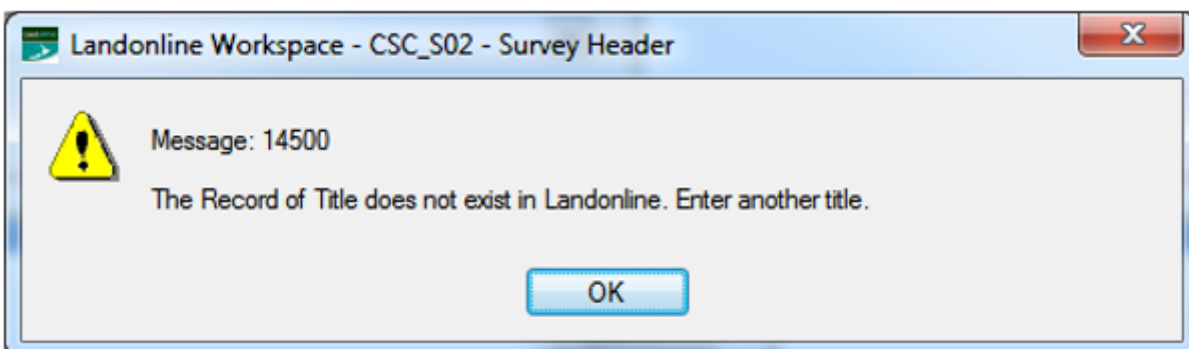
- If the 'Type' = Gazette Notice and the 'Reference' is a valid Title, the following message appears:
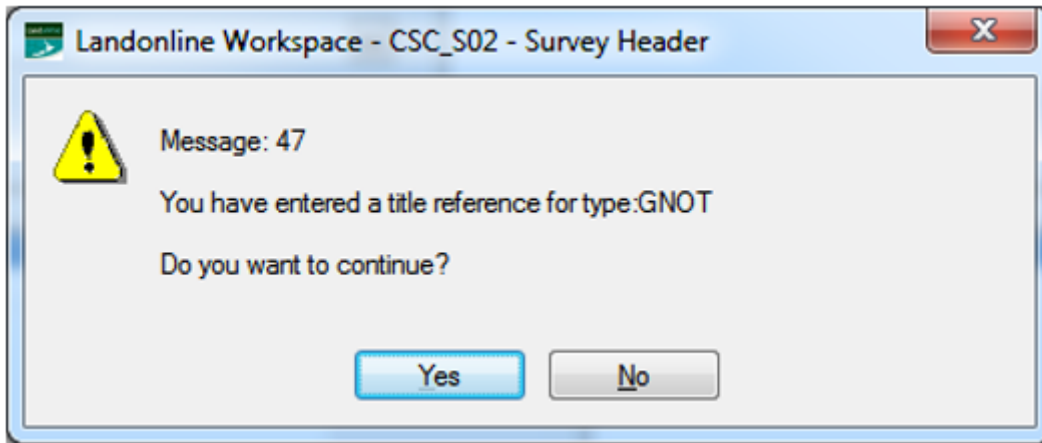
Note: There may be instances where a Gazette Notice and Title have the same value, please check to ensure the value is correct for the 'Type' entered before selecting 'Yes' or 'No'
This message will also appear when saving the Survey Header screen

- If the 'Type' = Gazette Notice, the 'Reference' field starts with GN, a warning message will pop up as follows, it will allow the user to save it if the 'Yes' is clicked but it is preferred that 'No' is selected as the system will automatically prefix the notice number with GN and it will display correctly on the header sheets of the CSD/Title Plan images
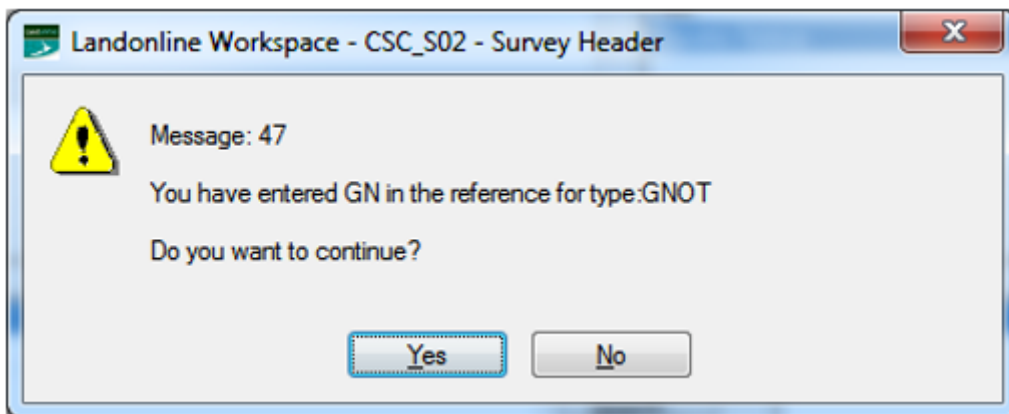
- If duplicate rows exist in the 'Comprised In Reference' table, the following message will appear:
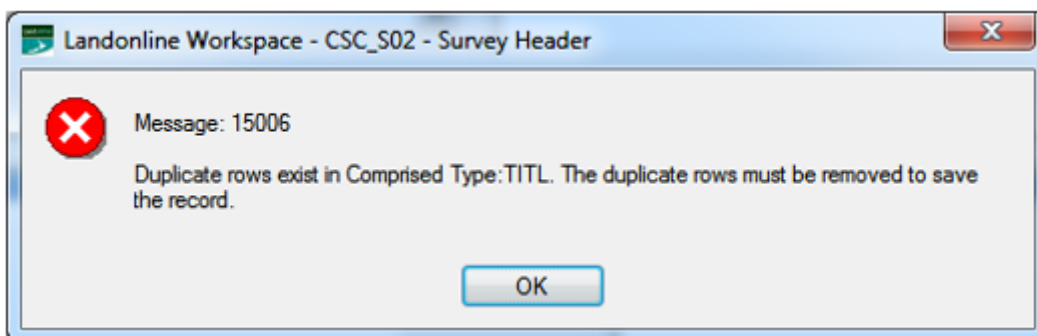
The following screen shot is an example of the 'Comprised In Reference' fields in the Survey Header showing entries for Title, Gazette Notice and Other:

Once Plan Generation has been run these entries will display on the CSD and Title Plan header sheets under the 'Comprised In' heading as below:

Comprised In

RT OT15D/198

RT 370100

GN 2019 p 10

GN 370100

T 190

Transfer 198

Deeds Index H123

DI H230

() Flag NZTA Datasets
Enhancement LOLCM-1598 (External and Internal)

Description

Landonline has over 1000 datasets approved for Spatial Parcel Improvement purposes lodged as part of the NZTA project.

The NZTA project was granted dispensations from the accuracy standards contained in the Survey Rules. These plans only contain adopted marks and vectors from approved CSD's therefore;

- New CSDs should not be able to use these "improvements datasets" as referenced surveys

- Spatial Parcel Improvement datasets should be flagged in the Searches Tree as such before they are opened in searched to avoid search fees being applied

Action

Searches:

When survey plans (that are Spatial Parcel Improvement (SPI) plans) are being added to the Searches Tree, the following message will appear:
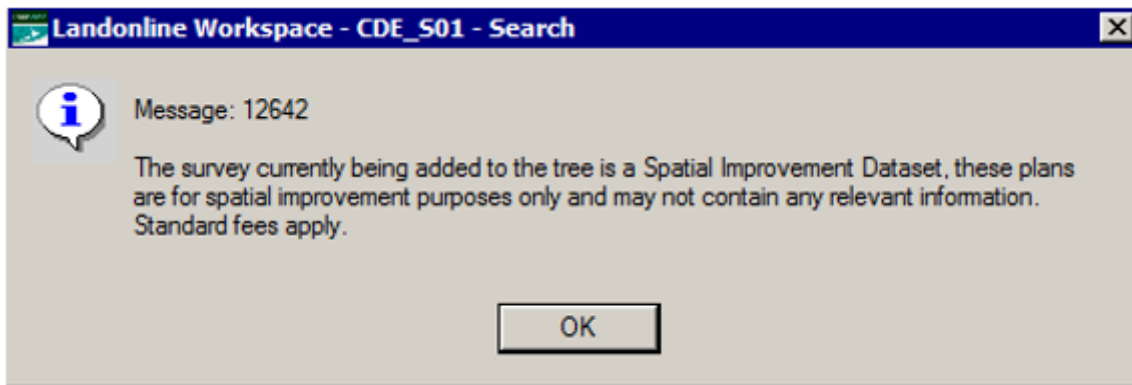
Once an SPI plan is added to the tree it will display in **BOLD** text as per example below:
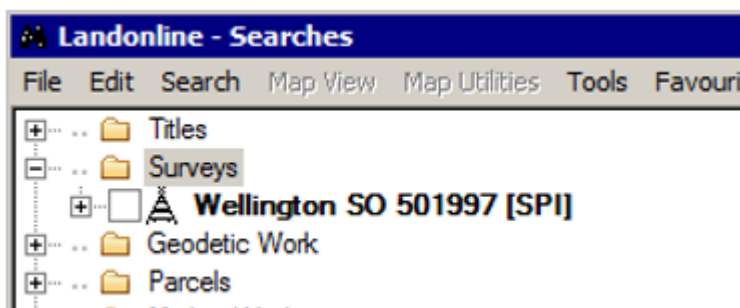
To avoid being charged fees on an SPI plan do not open or view the plan.

Importing XML files with SPI plans in them:

- If an XML file has a SPI plan in it, then upon Importing and running Prevalidation rule Y028 – fatal will appear, simply expand the Y028 to list the SPI plans listed:
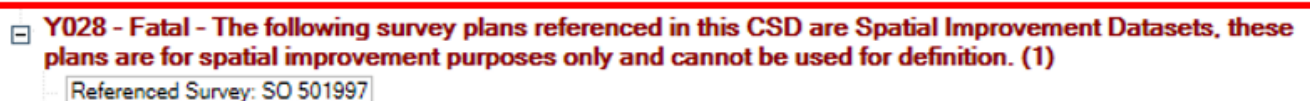
- This fatal must be addressed in Capture in order for the plan to be compliant

- Open up the Survey Header page

- Select the survey plan(s) listed in the Y028 rule one by one and delete them from the Survey Header

- If there are any Marks or Vectors 'adopted' from any of those SPI plans then these should be amended in both the Mark Capture and Vector Captured screens

- Re-run Prevalidation, the Y028 rule is no longer a fatal message, and now shows as 'Compliant'

⊞ Y028 - Compliant - No Spatial Improvement datasets detected

() Add Parcel Intent 'Marginal Strip – Fixed'
Enhancement LOLCM-1604 (External and Internal)
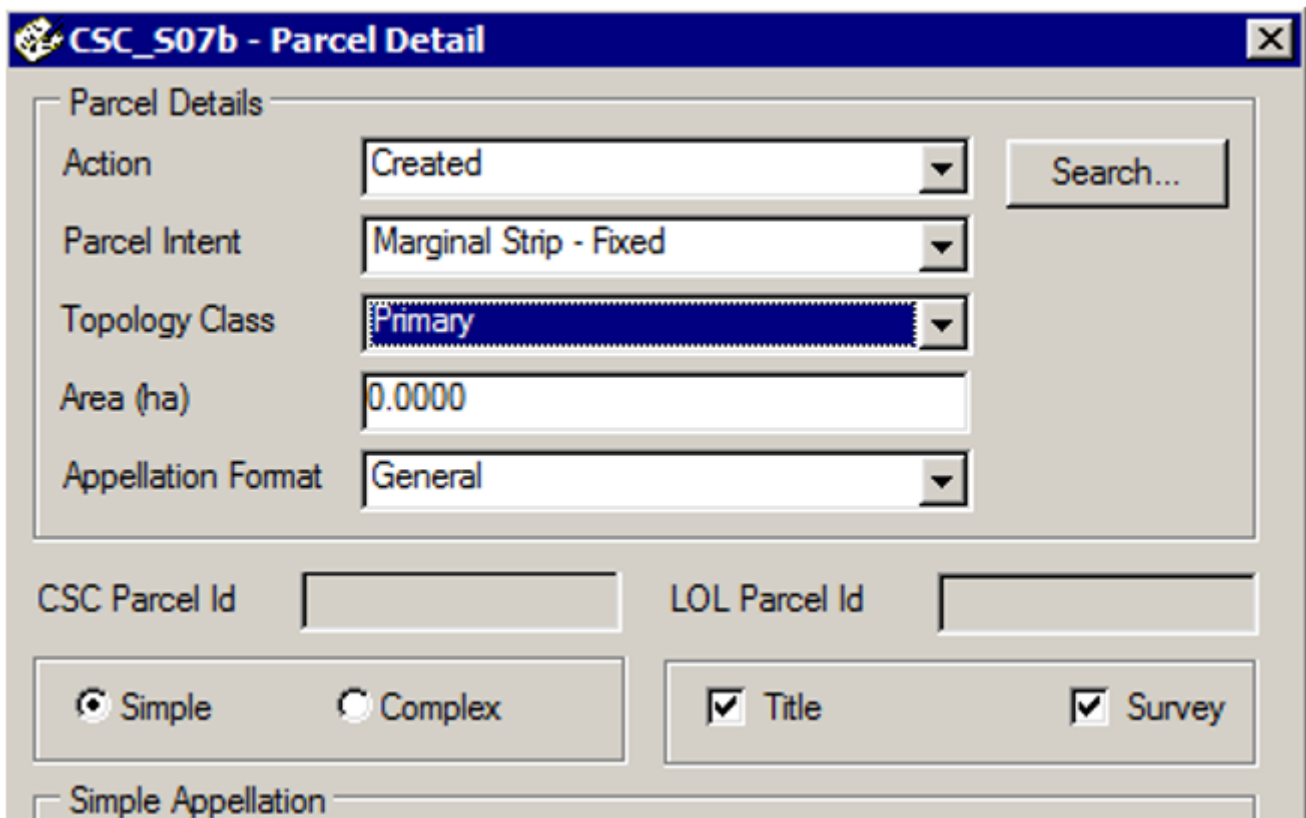
Description
A new Parcel Intent is required to depict Marginal Strips that are fixed

Action
The new Parcel Intent has been added to the CSC_S07b – Parcel Details screen

Parcel Intent = 'Marginal Strip - Fixed'

Topology Class = 'Primary'

Appellation Format = All current options.

() Ability to Copy and Paste Node Id's from within the Spatial Window

Enhancement LOLCM-1612 (External)

Description
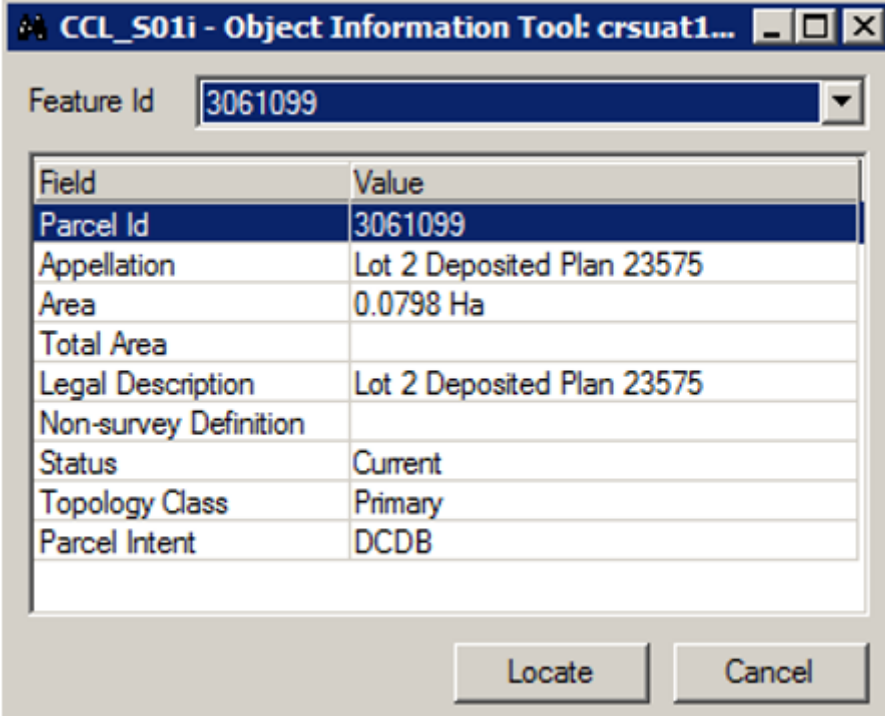
In the last (3.19) release the ability to copy and paste data from the 'Object Information' icon was provided to internal staff.

This functionality is now available to External users and will allow users to copy and paste any information displayed in the CCL_S01i – Object Information window from both Searches Spatial window and Capture Spatial window.

Action

Searches and Spatial Capture:

- Open the spatial window

- Zoom in to the appropriate area

- Select a layer (e.g. Live Parcels All)

- Select the 'Object Information' icon

- Select a parcel – the object information window opens up

- Using the mouse, click on any one of the 'Value' fields

- Holding the mouse button down move the cursor over the entry in that field

- Select Ctrl C to copy

- Open a document to paste this information into

- Once the document is open place the cursor in the document to where the information is to be inserted

- Select Ctrl V to paste

() Adopted source CSD to be shown by the Object Information Tool
Enhancement LOLCM-1614 (External and Internal)

Description
CCL_S01i screen – Object Information Tool showing adoption source for vector.

Action
Selecting an adopted captured vector using the object information tool will now show which adoption source was used in the value field in screen (CCL_S01i). This function is available for both external survey capture (CSC_S10 – Spatial Display) and the survey capture screen in desktop validation (CSC_S10 – Spatial Display).
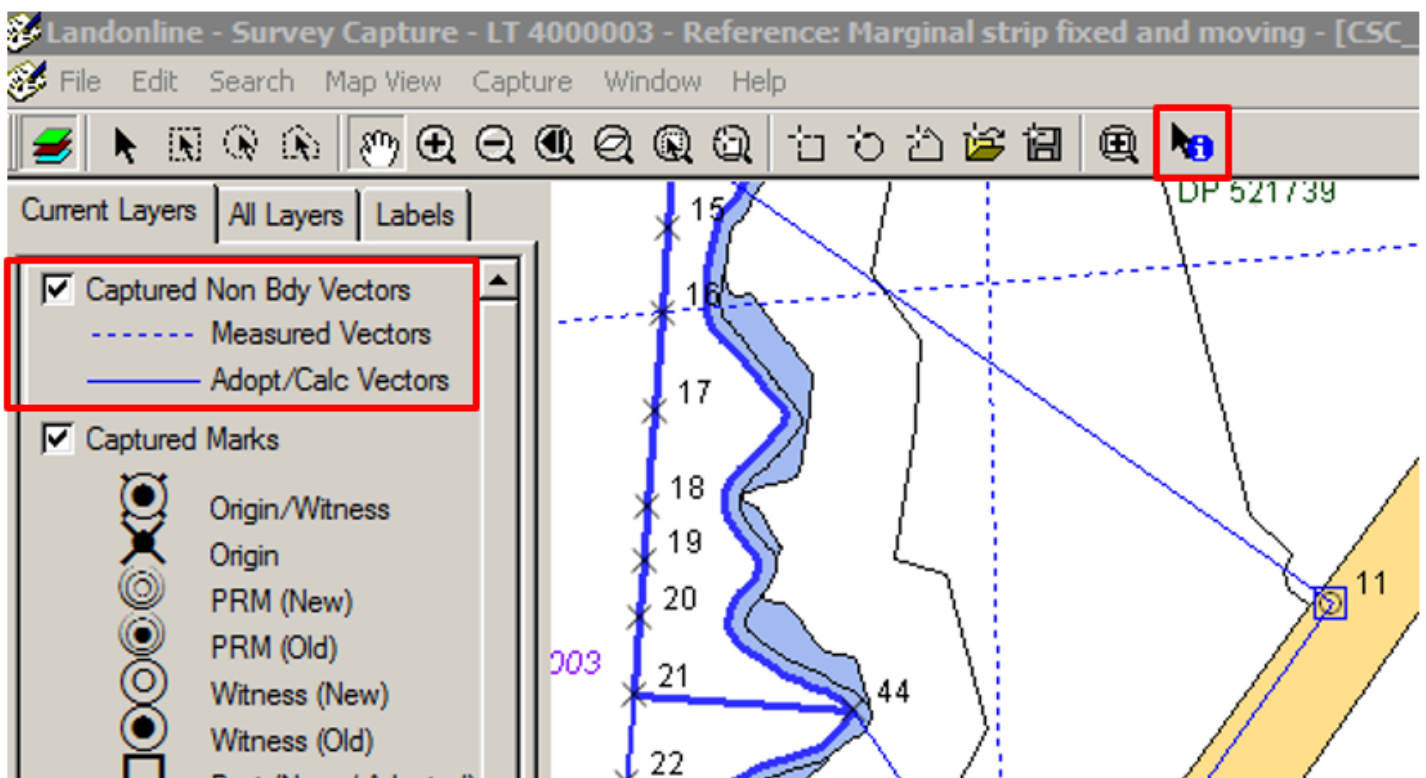
This function is available for all line types.

The value field remains unpopulated for calculated and measured line types.

() The Work Id in an email Response to a Request would be better as the Survey Number
Enhancement LOLCM-1616 (External & Internal)

Description

When email Requests relating to surveys are received by LINZ or the Surveyor, the Subject line of the email shows the 'surveyors reference', 'Request Id', 'Request Type' then 'Work Id':

Quite often the surveyors are creating further requests or adding information into their survey report with the latter number (Work ID) and not the 'Survey Number'.

This enhancement has removed the 'Work Id' in the subject line of emails and replaced it with the 'Survey Number'.

Action
Before
E-mail Requests, relating to Surveys, were received with the 'Work Id' in the subject line:
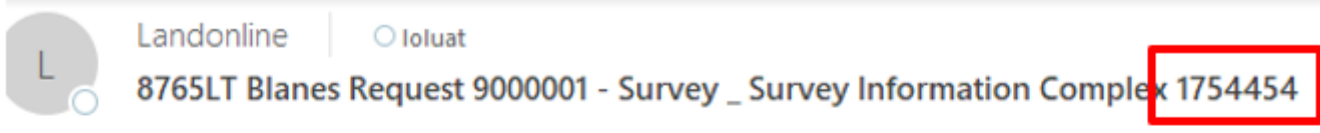
Now

Now when e-mail Requests, relating to Surveys, are received the Survey Number will display in the subject line:
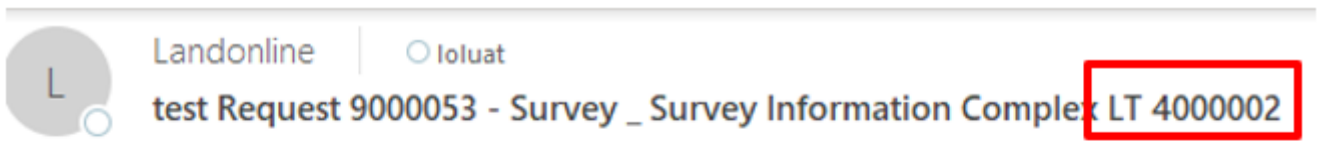
() Remove the need to Manually Activate the Spatial Window when more than One Window is Open and Tiled in Capture

Enhancement LOLCM-1626 (External)

Description

When carrying out Capture or Capture edits, a common way of working is to open both the Spatial Capture window and the Vector Capture screen simultaneously, by tiling these windows either Horizontally or Vertically.

This evenly splits the available screen space between these two views, allowing the user to quickly jump from one window to the other.

Once a spatial object e.g. non-boundary vector is selected, the user right clicks on the mouse and selects 'edit' and the selected vector is displayed in the Vector Capture screen.

However, in order to select another vector Spatially and repeat the above process, the Spatial window has to be activated again.

This enhancement removes the need to re-activate the Spatial window.

Action

The only time a window needs to be activated is when commencing the first selection, be it from the Spatial window or Vector Capture screen (as long as these windows are tiled):

- Open the Spatial Capture screen to display captured data

- Open the Vector Capture screen

- Select Window|Tile Horizontal (or Tile Vertical)
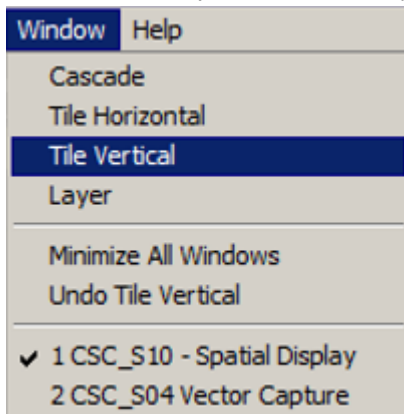
Note:

If the Spatial window is required on the left of the screen, ensure the Spatial window is visible before tiling the screens

The screens will now appear tiled (as shown below for 'Tile Vertical):
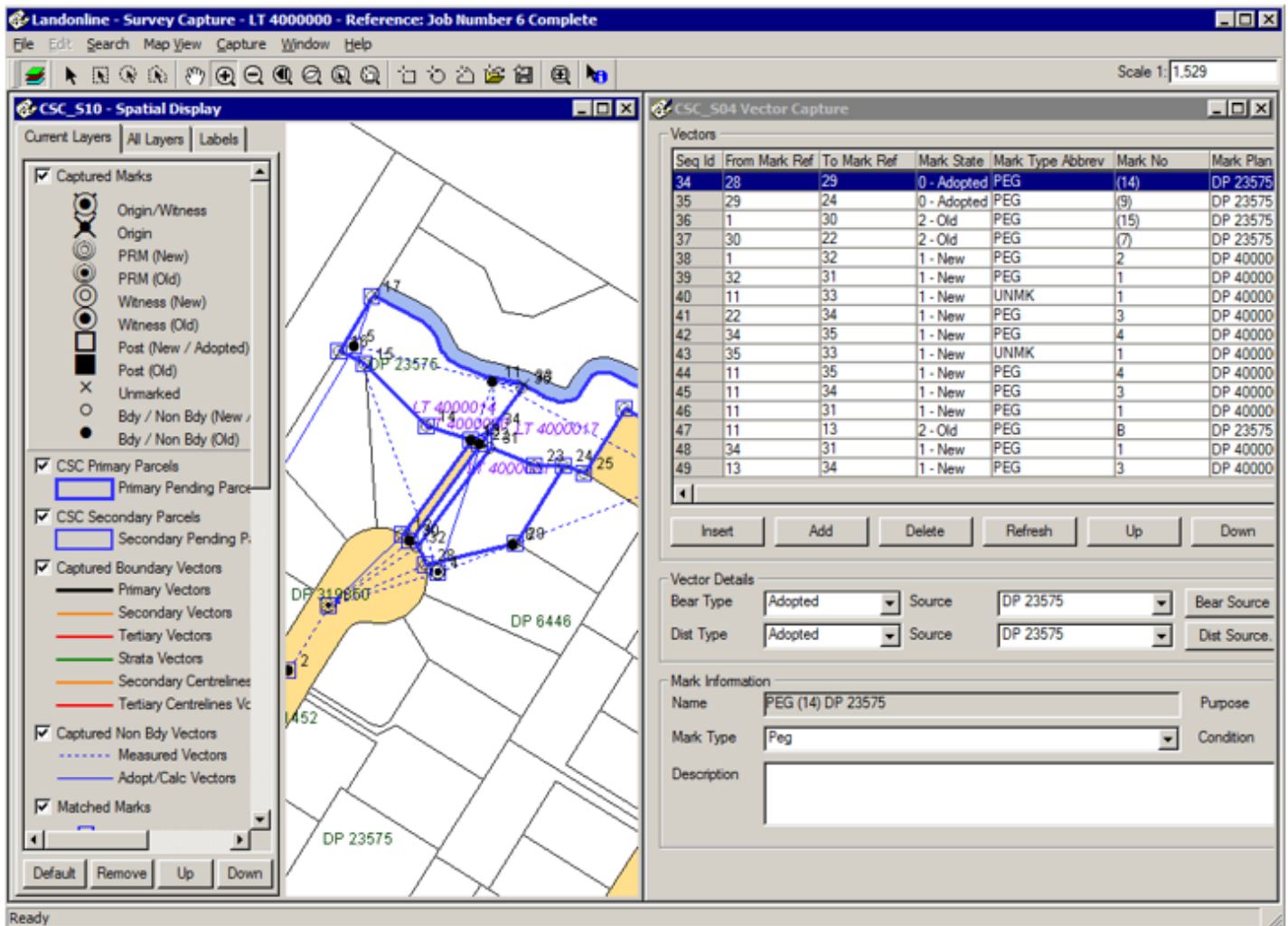
Both the spatial window and the Vector Capture screens are now side by side. This will save time in searching and locating from one window to the other

How to select from one window and locate that selected feature in the other one:

- Activate the Spatial window by clicking on the CSC_S10 -Spatial Display bar (it may already be the active window)
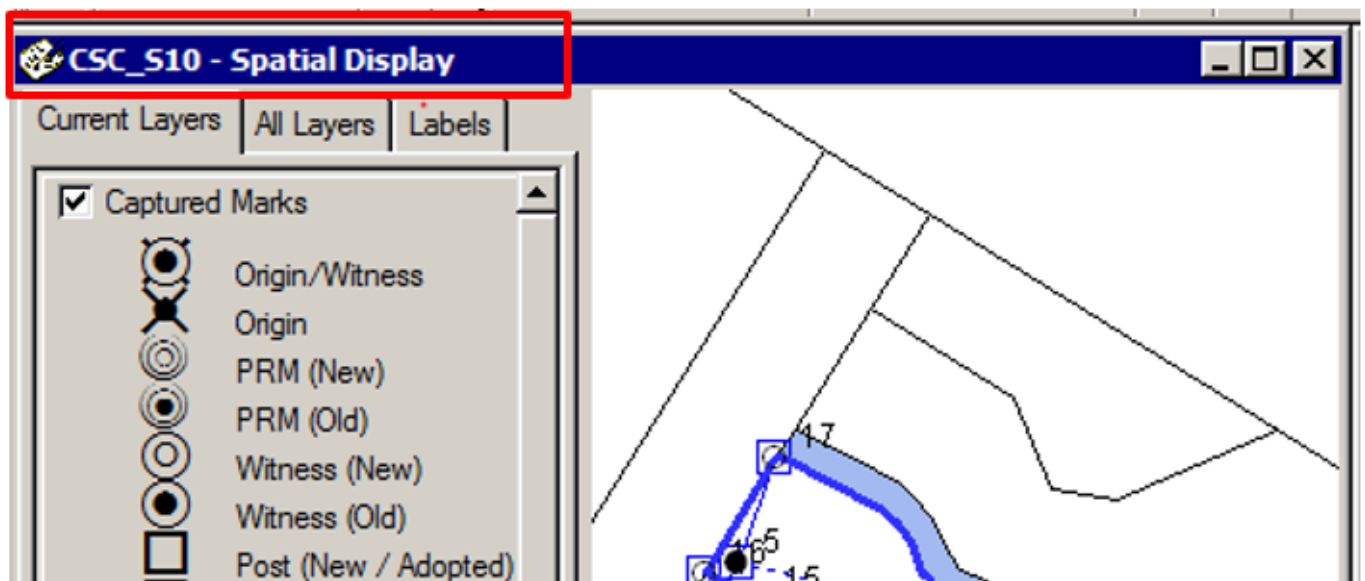
- Select the 'Captured Non Bdy Vectors' layer

- Select a captured vector from the spatial window

- Right click on mouse

- Select 'Edit'

- Focus goes from the Spatial window to the Vector Capture screen – this also changes the colour of the main bar in each window

- The selected vector is now highlighted in the CSC_S04 – Vector Capture screen
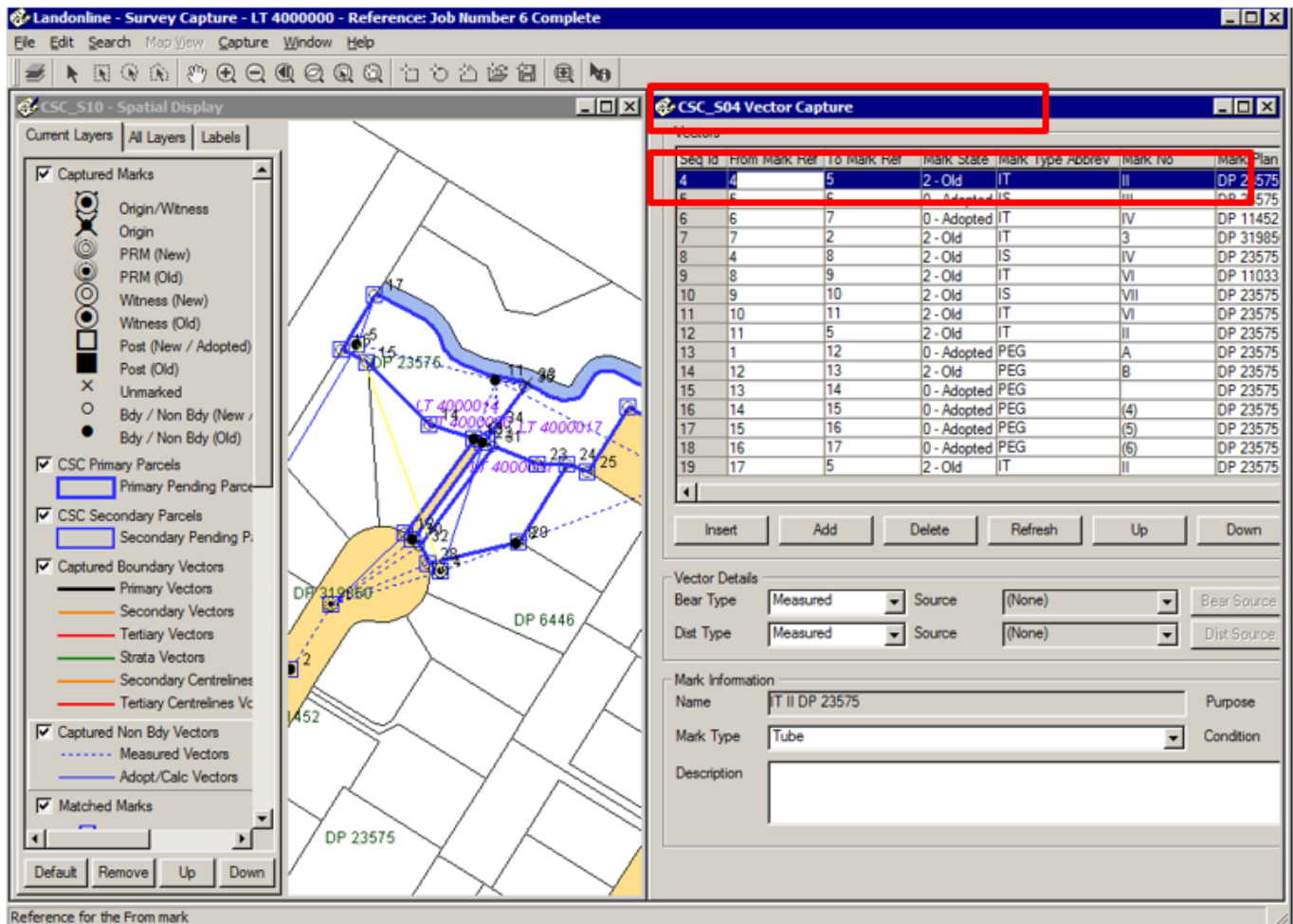
If another vector needs to be located from the Spatial window to the Vector Capture screen simply do the following:

- Select the vector from the spatial window

- Right click the vector

- Select Edit

- The newly selected vector will be highlighted in the Vector Capture screen

The same actions apply if 'Locate' is used from the Vector Capture screen back to the Spatial window.

()_Territorial Certification Tab – Functionality
Defect LOLCM-1627 (External)

Description

When the TA Certification Tab was accessed for the first time, a TA name added and saved, the Certification button was not activating, the button was greyed out.

Users had to close the plan down, and re-open from their Workspace window to be able to go and add Certification certificates.

Action
Fixed

- Open TA Certification tab for new plan

- Add TA Name from drop down box

- Select Ctrl S to save this tab

- Certification button is now active

() Automated Survey Report – Jump to Sections and Tab key not working
Defect LOLCM-1630 (External)

Description

In the Automated Survey Report tab, the 'Jump to Section' is not working as designed.

When users opened the Survey Report tab the 'Jump to Section' field was blank and if the drop down box was selected nothing was displaying in the list.

The 'Tab' key was not working as designed and it was hard to see the current selection when the 'Tab' key was used to navigate through the report.

Action
Fixed

- When users open the Survey Report tab the 'Jump to Secion' is now populated
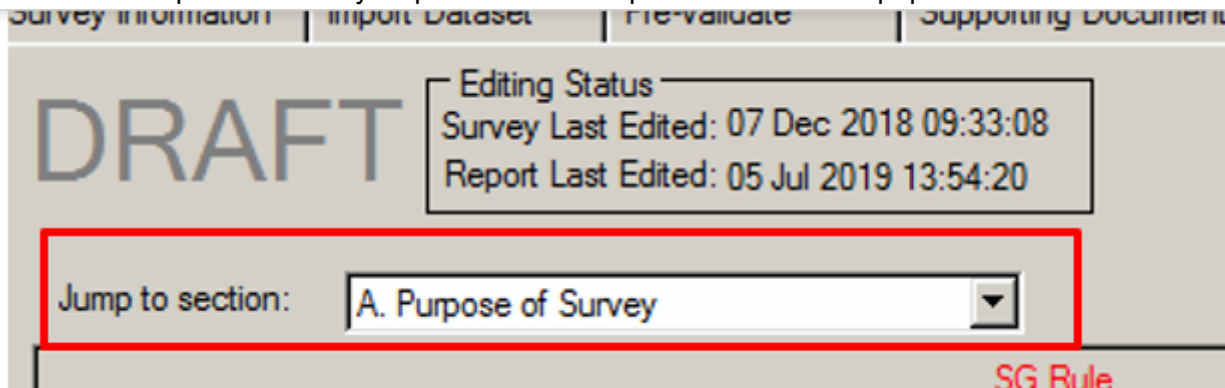
- When the drop down box is selected, all the sections of the report now display

- When focus is on the Survey Report page, the 'Tab' key will allow users to tabulate through the sections of the report.

- Selection goes from button to button inside the questions and outlines the selected item with a grey pecked outline:

() Parcel Information in the Searches Tree Should Display the Parcel Id

Enhancement LOLCM-1632 (External and Internal)

Description

The Landonline Searches Tree displays parcel information in several places e.g. when searching for Parcels on their own.

When these parcels are added to the Searches Tree, there is no way of knowing what that parcel id is unless it is located spatially from the Tree and use the 'Object Information to identify the Id.

This enhancement will allow the Parcel Id to be displayed in the Searches Tree as long as there is a 'Parcel View' associated to that parcel.

Action

**Searching for a Parcel by Search|Survey:**

- Open Searches

- Select Search|Survey

- Search the plan and add it to the Tree

- Expand the Survey Plan

- Expand the Parcels folder

- Expand a Parcel listed in the Parcels folder

- If there is a Parcel View leaf (highlighted yellow in following screens shot) then a Parcel Id leaf will sit immediately above that leaf and below the Parcel appellation
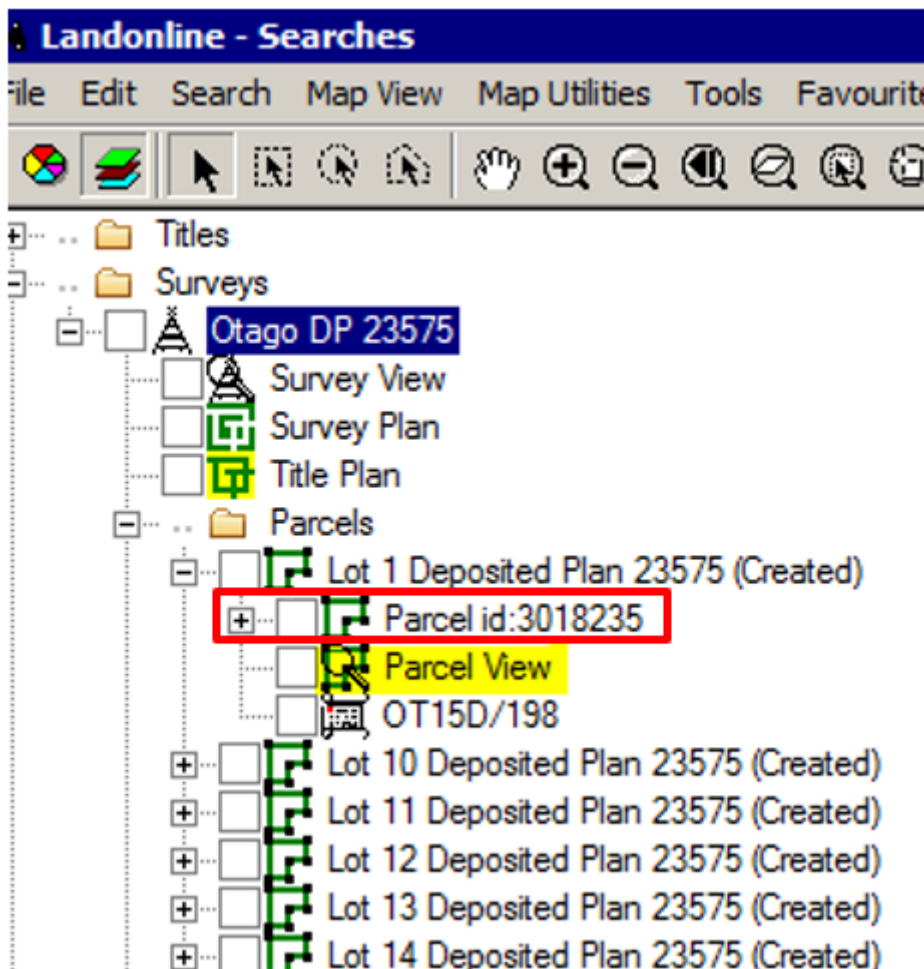
Searching for a Parcel by Search|Parcel:

- Open Searches

- Select Search|Parcel

- Search the parcel appellation and add it to the Tree

- Expand the Parcel

- If there is a Parcel View leaf then a Parcel Id leaf will sit immediately above that leaf and below the Parcel appellation
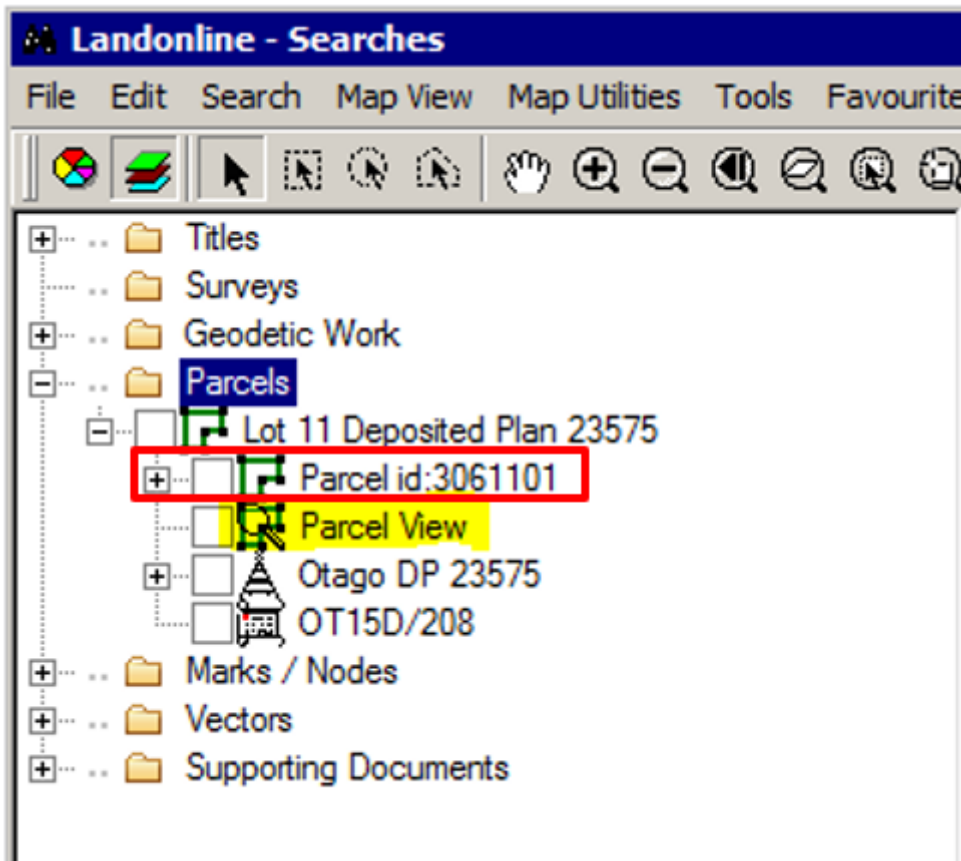
- If a parcel has a Statutory Action recorded against it, when the Statutory Action is double clicked, the Structured Text View will open and the Parcel Id will display in the top right hand corner of the view
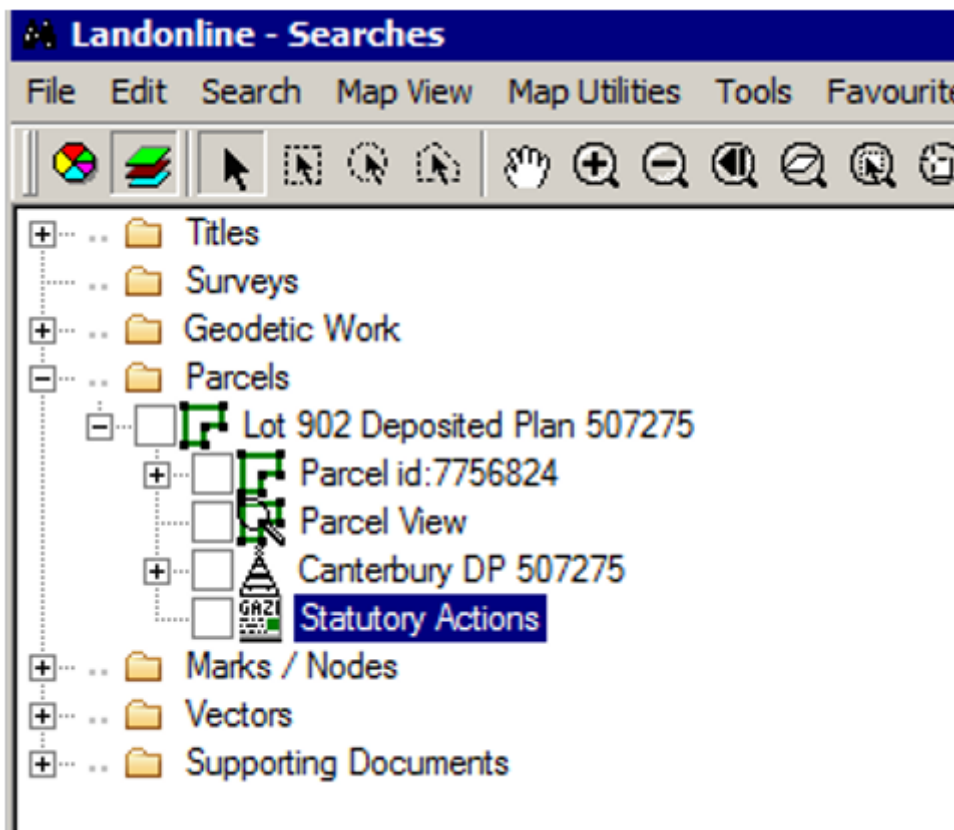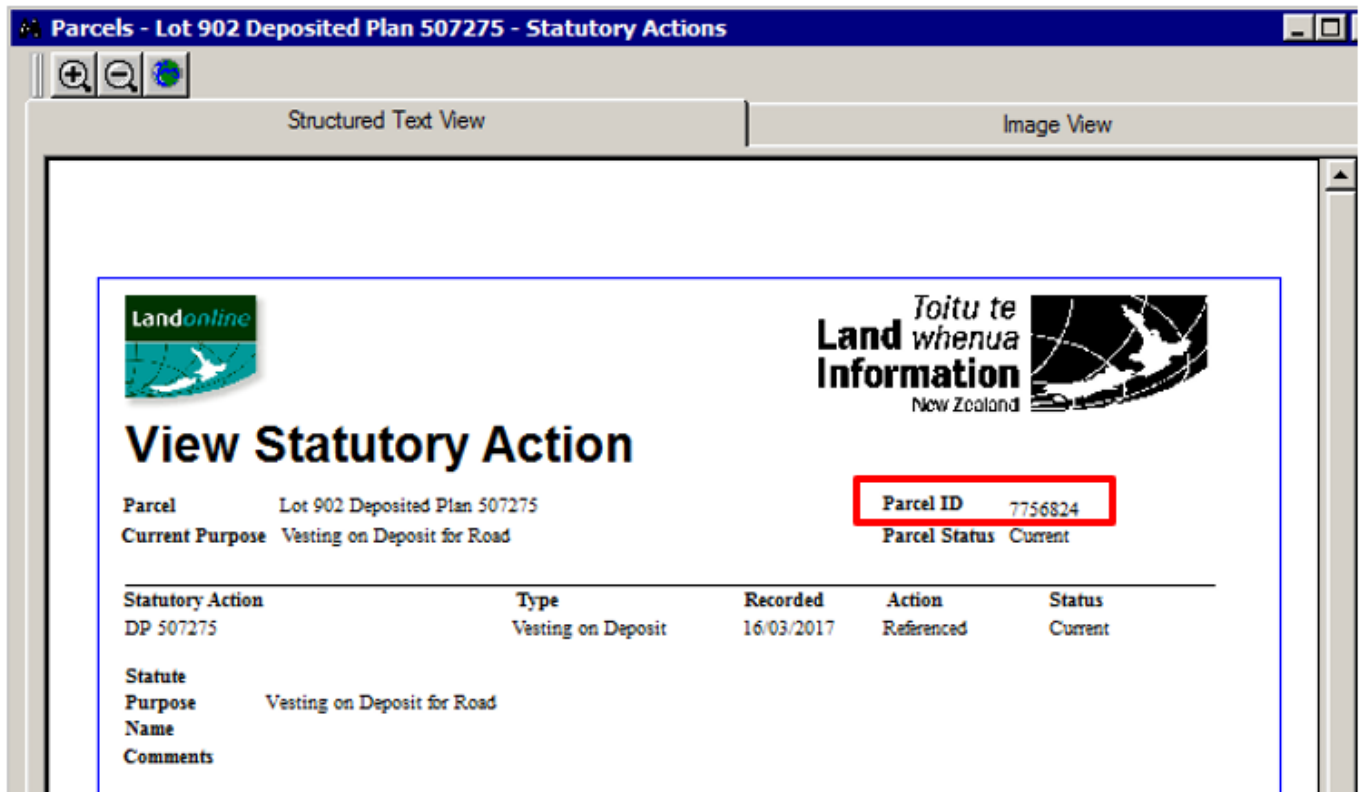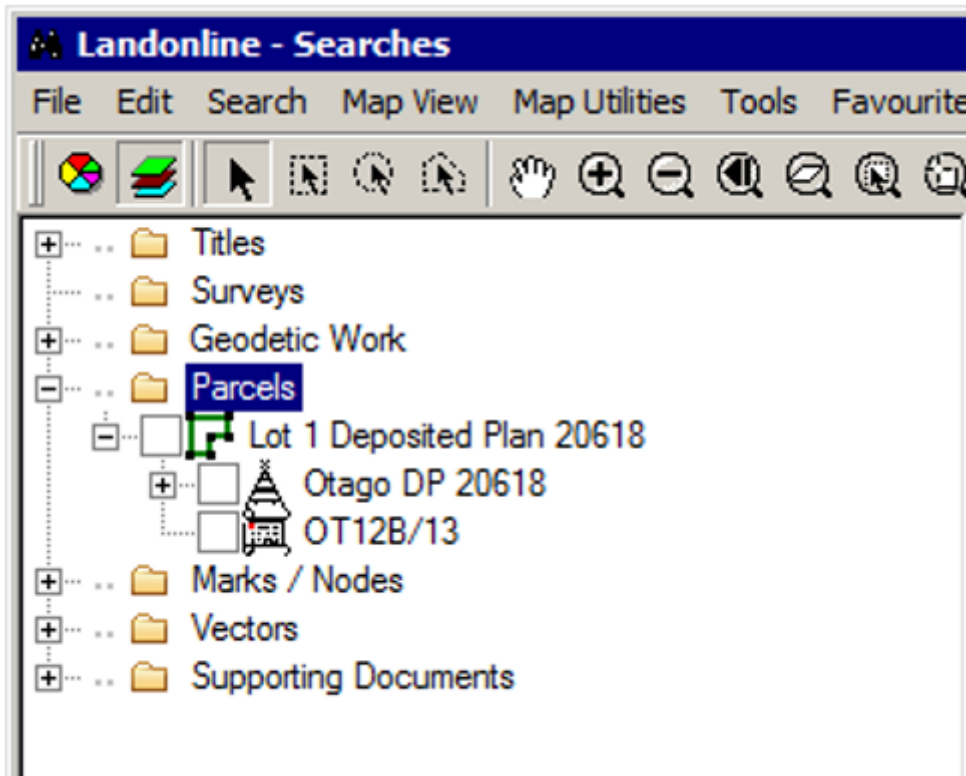
- If a Road or Hydro parcel is added to the Tree there will be no Parcel id leaf as these parcels already indicate the Parcel Id
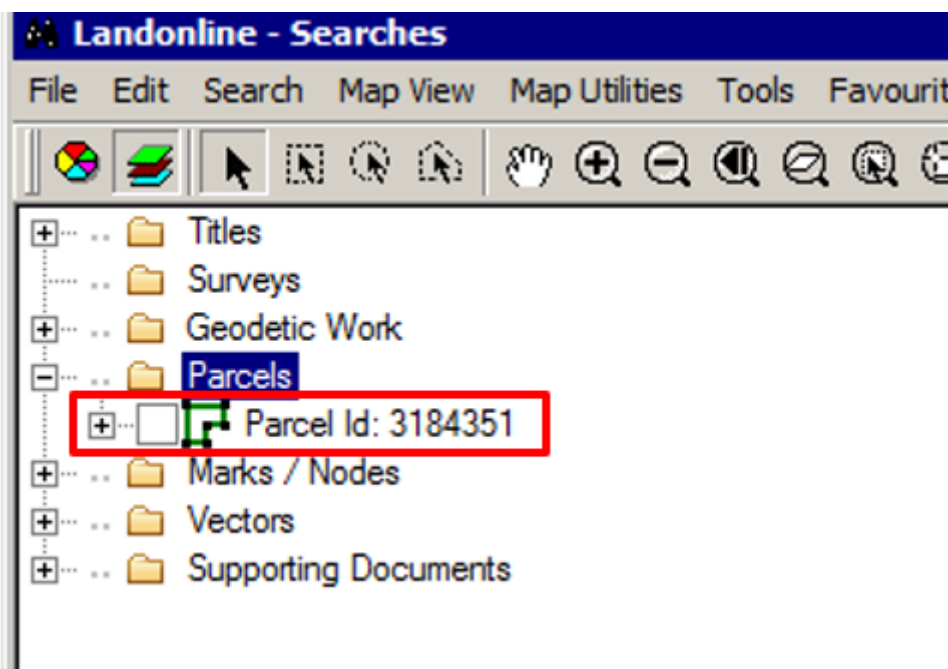

If there is no Parcel View displayed when the parcel is expanded in the Tree:

There are parcels in our database that have no 'Parcel View' leaf under the appellation when it is expanded in the Tree e.g. Lot 1 DP 20618 (Otago):

The Parcel id can still be identified for any parcel added to the Searches Tree, that has no 'Parcel View'

- Double click on the appellation in the Tree

- The Structured Text View window opens up

- Parcel id is located on the top right hand side of this view
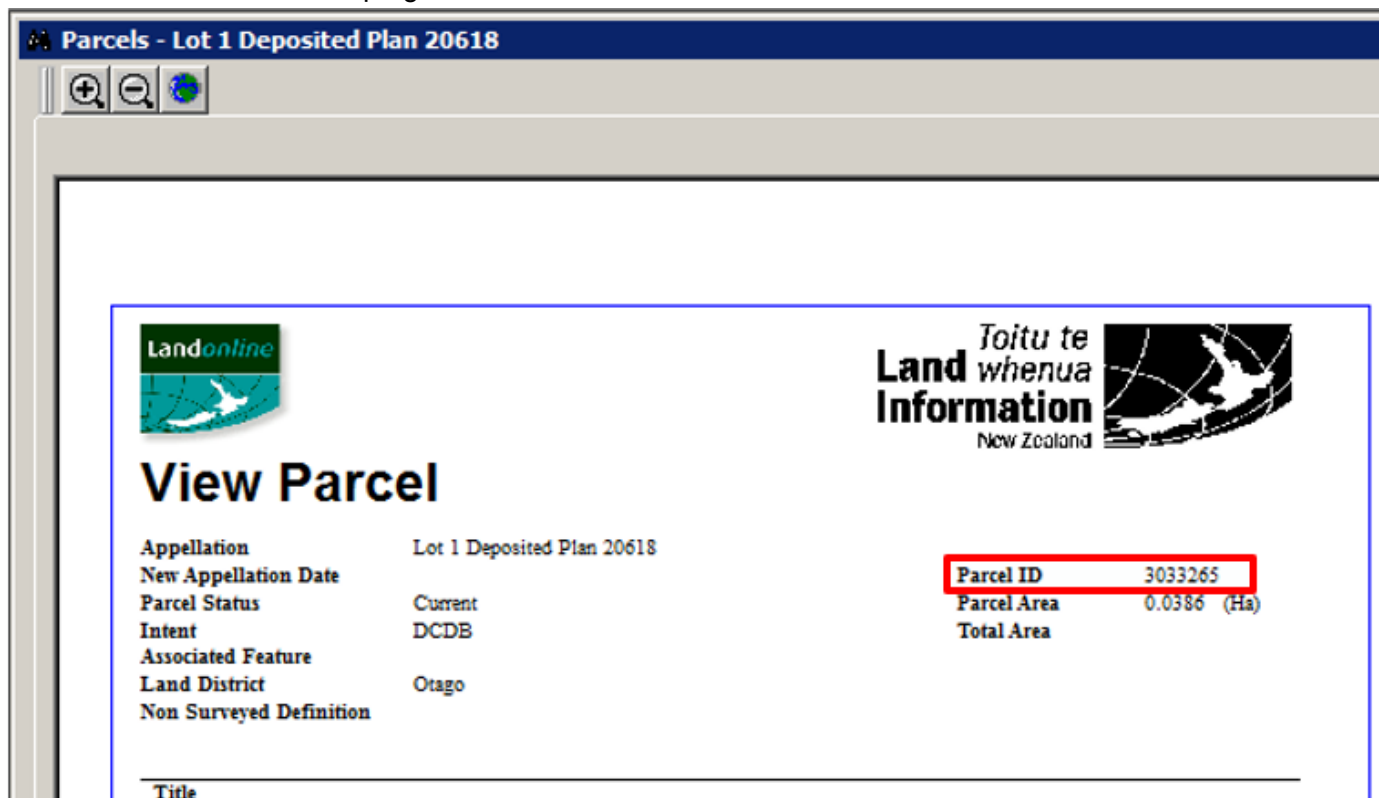
Note:

If a Title is searched and added to the Tree, and the lodged plan is expanded, then the Survey Plan expanded, the Parcel Id view will not display
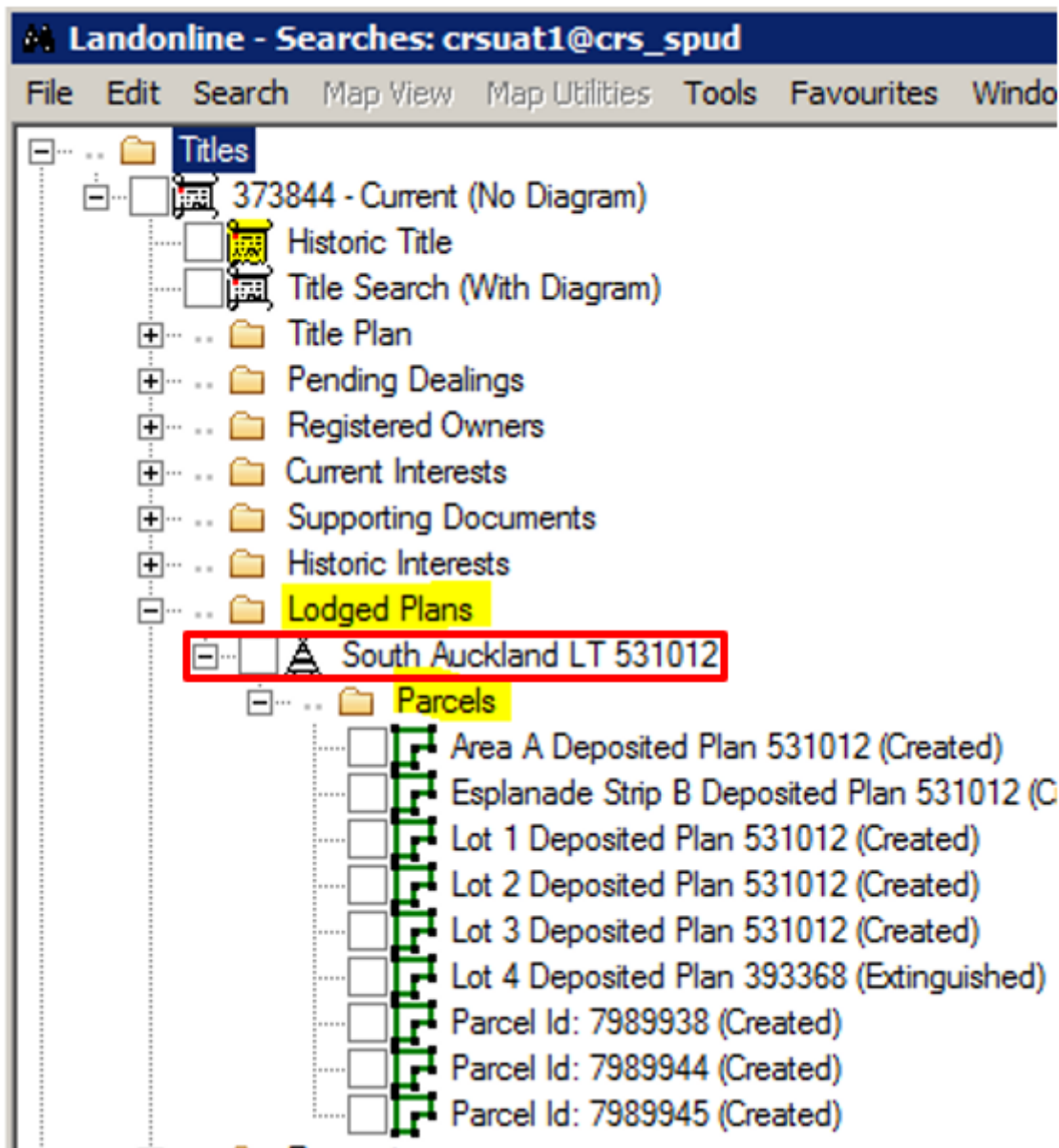
() Bearing Correction Functionality
Enhancement LOLCM-1633 (External and Internal)

Description

When importing a LandXML file, the 'Bearing Correction' field can be 'blank' due to the method of capture in 3rd party software.

When entering bearing corrections into the Survey Header for Referenced Plans, the 'Bearing Correction' field cannot be left empty.

This enhancement is to ensure that there is no difference between manual entry and LandXML import for vectors with or without a bearing correction entered.

Action

No change has been made to LandXML imports.

When entering Referenced plans manually in to the Survey Header, the bearing correction can be:

- Left as 0°00'000"

- Entered with a correction

- Left blank (as no correction has been assessed)

() Record Vertical Datums in Survey Header
Enhancement LOLCM-1747 (External and Internal)

Description
Reduced levels in a CSD are required to be in terms of an official Vertical Datum where a 3rd order vertical control mark is within 200m of a Class A stratum boundary (RCS 4.2).

Where no such mark exits, an alternative or assumed data may be used.

This enhancement now provides for entering a Vertical Datum in the Survey Header of a CSD.

Action
Survey Capture:

- For plans captured manually or imported via LandXML files, the Vertical Datum field is initially blank:

- If the Survey Header screen is closed with this field 'blank' the following message will appear:
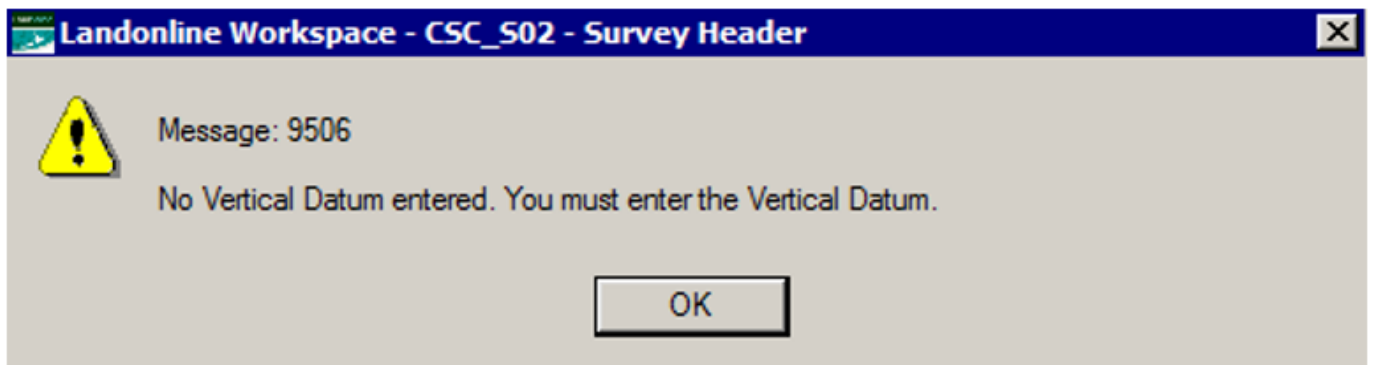
- If no Vertical Datum is entered into this field (by cancelling out of the Survey Header), then at Prevalidation a new warning rule will run:

- A Vertical Datum must be in the CSD Plan - rule 9.2(b)

- If a Vertical Datum is entered in the Survey Header then click on the drop down list and select the relevant Vertical Datum:

  - None

  - Alternative

- Assumed

- Auckland 1946

- Bluff 1955

- Dunedin-Bluff 1960

- Dunedin 1958

- Gisborne 1926

- Lyttelton 1937

- Moturiki 1953

- Napier 1962

- Nelson 1955

- One Tree Point 1964

- Stewart Island 1977

- Wellington 1953

- Taranaki 1970

- New Zealand Vertical Datum 2016

() External users are Removing/Editing Approved Supporting Documents

Enhancement LOLCM-1755 (External)

Description

Once a plan is 'Approved as to Survey' all information relating to that CSD is 'approved' data. This includes all Supporting Documents.

Any edits, deletions, replacements of 'approved' supporting documents, should be done via 'Requests' to LINZ.

There have been instances where 'approved' supporting documents have been deleted or replaced without LINZ's knowledge. This enhancement is to change the way 'approved' data is amended and attached to approved CSDs.

Action

When an Approved plan is searched for in Workspace by a surveyor, the ability to replace or delete a Supporting Document has been locked down preventing them from making changes.

When CSD's have been approved as to survey, the plan no longer appears in the surveyors Workspace.

When surveyors search for an approved CSD via the Survey|TA Certification window in Workspace they will no longer be able to edit/replace or delete any supporting document:

- Select Survey|TA Certification
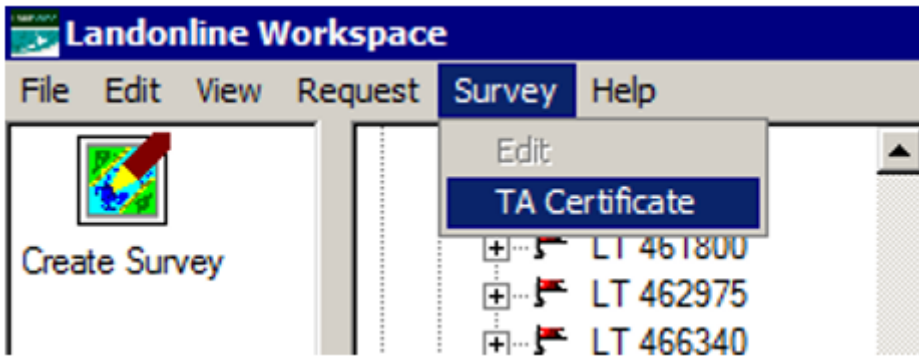
- Select Search in the CSL_S07 – TA Certification screen

- Select any option from the TA Certification Status drop down list in the CLW_S02c – Find Work/Request screen

- Click on the 'Select' button in the CLW_S02c – Find Work/Request screen
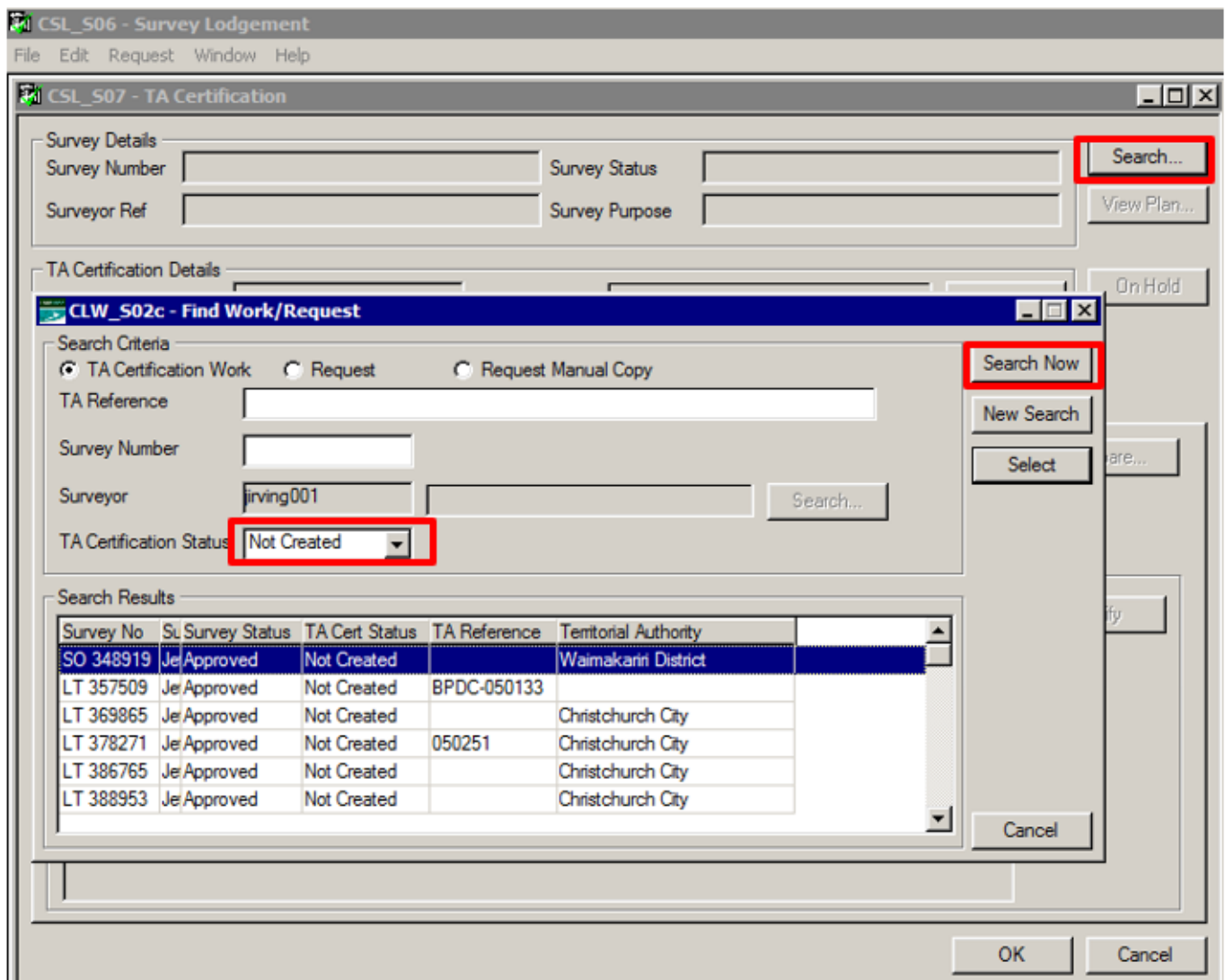
- Select a plan from the results

- Select the 'Supporting Documents' tab

- The 'Add/Edit' button is deactivated (greyed out)

- If Supporting Documents need to be edited/replaced/deleted, please raise a request to LINZ to have this action carried out

LINZ Internal:

- Receive a request to replace/delete an approved supporting document

- Follow correct procedure of updating the supporting document on behalf of the surveyor

Territorial Authority Workspace:

- Not affected as TA certifications changes occur up until Registration of a plan

- TA's only see TA Certification supporting documents

() Make the checking of adoptions easier for customers and LINZ staff
Enhancement LOLCM-1810 (External and Internal)

Description
To assist with validation and ease of identifying bearing corrections against captured vectors, a new column has been added to the Vector Capture screen (ready only) and Mark and Vector Report.

Action

Workspace – Bearing Corrections:

- Can be imported via LandXML files and are seen in the CSC_S02 - Survey Header screen against Referenced Surveys

- Can be manually entered in the CSC_S02 - Survey Header screen against each referenced survey

- Can be added against individual vectors via the CSC_S04 - Vector Capture screen

- A new 'read only ' column has been added to the CSC_S04 – Vector Capture screen

- This column will show the bearing correction that was applied to each vector

- Where no bearing correction displays in this column, this means no correction was applied

Workspace/Internal Reports:

- Once Plan Generation has run, the Mark and Vector report will be created

- The Mark and Vector report displays the new column 'Bearing Correction' next to the Adpt Surv (Bearing) column on the mark and vector report

From	To	Code	Bearing	Adpt Surv	Bearing Correction	Distance		Adpt Surv	Class
SM 177 SO 49232	IS VI DP 65644	ob0	263°51'10"	C		673.38	M		
IS VI DP 65644	IB 2 DP 521739	ob1	105°36'50"	M		321.93	M		
IB 2 DP 521739	IB 1 DP 521739	ob3	357°42'00"	C		151.33	C		
IB 1 DP 521739	SM 177 SO 49232	ob5	88°49'00"	M		365.60	M		
IS VI DP 65644	IS V DP 65644	ob2	180°11'00"	A DP 60664	0°01'30"	125.93	A	DP 60664	
IS V DP 65644	IS IV DP 65644	ob6	85°06'00"	A DP 65644	-0°01'30"	76.38	A	DP 65644	
IS IV DP 65644	IS III DP 65644	ob7	109°11'30"	A DP 60664	0°01'45"	91.47	A	DP 60664	

- Measured and calculated vectors will remain blank in the mark and vector report

If Bearing Corrections in the Survey Header screen are edited after importing or capturing of vectors is completed, the bearing correction will not be reflected against the vectors captured. Ensure the vectors captured against the edited referenced survey are updated to reflect the new Bearing Correction.

This can be done simply by doing the following:

- Select the vector relating to the edited bearing correction action

- In the Vector Information group box change the Adopted Source plan from what it is to another one in the drop down list then back again

- The edited bearing correction (that was done in the Survey Header) will now display correctly

Last Updated: 13 July 2019