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Title	Landonline.exe Error in Layout Sheets Causes Crash and Loss of Data Edited				
Enhancement	LOLCM-2047				
Description	The following error message occurs in Plan Generation Layout Sheets and can be caused by several different actions being undertaken.				
	V lol_workspace.exe				
	A problem caused the program to stop working				
	correctly. Please close the program.				
	Close the program				
	Some of the scenarios that called this error message are listed below when in the Layout Sheets:				
	Scenario 1 - Open Layout Sheets - Using the 'generic select' icon, select a boundary line (e.g. on the title sheet) -				
	 Joshing the generic select icon, select a boundary line (e.g. on the title sheet) = feature is highlighted on the screen Click on 'View Hidden Objects' icon (feature is still active on the screen) 				
	 Select another feature on the screen Click on 'View Hidden Objects' icon twice (once to see hidden objects and once to hide hidden objects) Landonline.exe message appears 				
	 Scenario 2 Open Layout Sheets Select the 'generic select' icon, select an abuttal line (feature is highlighted on the screen) Right click and open Properties Check the 'hidden' box Select OK to close the properties window Click on 'View Hidden Objects' icon twice (once to see hidden objects and once to hide hidden objects) Landonline.exe message appears 				
	Scenario 3 - Open Layout Sheets - Select an abuttal line using the 'generic select' icon - Right Click and select 'hide'				
	 Click on 'View Hidden Objects' icon twice (once to see hidden objects and once to hide hidden objects) Landonline.exe message appears 				
	Scenario 4				
	 Open Layout Sheets Draw a user added line with more than one line (e.g., draw a zig zag line) line is highlighted once drawn (double clicked at the end) Select the line just drawn and move it on the screen (it remains highlighted after the line is the screen (it remains highlighted after the line is the screen (it remains highlighted after the screen the screent the screen the screent the				
	 Click on 'View Hidden Objects' icon twice (once to see hidden objects and once to hide hidden objects) Landonline.exe message appears 				
Action	Fixed				
	The Landonline.exe error message no longer occurs when undertaking the above listed actions.				

Title	Remove Origin, Origin/Witness and Witness Mark Symbology from Current Lavers in Capture and Plan Generation
Enhancement	LOLCM-2307
Description	With the CSR-2021 rules now in place, there is no longer the need for capturing Origin, Origin/Witness or Witness Marks. Spatially these can no longer be captured, but the Current Layers tab in the Capture and
	Plan Generation Define Diagram windows still displayed these marks under the 'Captured Marks' layer as shown below:
	 ✓ 400 - Captured Marks ☑ Origin/Witness ✓ Origin ◎ PRM (New)
	PRM (Old) Witness (New)
	Witness (Old) Rest (New (Adopted))
	- Post (Old)
	↑ Unmarked
	Bdy / Non Bdy (New / Adopted)
	Bdy / Non Bdy (Old)
	△ CSNM/VCM (Adopted)
	CSNM/VCM (Old)
Action	Fixed
	The 'Current Layers' tab in both Workspace and Desktop Capture no longer display these marks under 'Captured Marks':
	LSS Spatial Capture: MO Spatial Capture:
	Current Layers All Layers Labels
	400 - Captured Marks
	Post (New / Adopted)
	Post (Old)
	Onmarked O Bdy / Non Bdy (New / Adopted) O Bdy / Non Bdy (New /
	Bdy / Non Bdy (Old) Bdy / Non Bdy (Old) SNM (Old)

The 'Current Layers' tab in Workspa under 'Survey Marks': LSS Plan Gen Define Diagrams:	ace Plan Generation no longer display these marks MO Plan Gen Define Diagrams:
Current Layers All Layers Labels Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold - Survey Marks Image: Sold	Current Layers All Layers Labels

Title	Landonline.exe Error in Layout Sheets Causes Crash and Loss of Data Edited
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	V lol_workspace.exe
	lol_workspace.exe has stopped working
	A problem caused the program to stop working correctly. Please close the program.
	Close the program
	Some of the scenarios that called this error message are listed below when in the Layout Sheets:
	Scenario 1
	 Open Layout Sneets Using the 'generic select' icon, select a boundary line (e.g. on the title sheet) - foature is highlighted on the screen
	 Click on 'View Hidden Objects' icon (feature is still active on the screen) Select another feature on the screen
	 Click on 'View Hidden Objects' icon twice (once to see hidden objects and once to hide hidden objects)
	- Landonline.exe message appears
	Scenario 2 - Open Layout Sheets

	 Select the 'generic select' icon, select an abuttal line (feature is highlighted on the screen) Right click and open Properties Check the 'hidden' box Select OK to close the properties window Click on 'View Hidden Objects' icon twice (once to see hidden objects and once to hide hidden objects) Landonline.exe message appears
	 Open Layout Sheets Select an abuttal line using the 'generic select' icon Right Click and select 'hide' Click on 'View Hidden Objects' icon twice (once to see hidden objects and once to hide hidden objects) Landonline.exe message appears
	 Scenario 4 Open Layout Sheets Draw a user added line with more than one line (e.g., draw a zig zag line) line is highlighted once drawn (double clicked at the end) Select the line just drawn and move it on the screen (it remains highlighted after it is moved) Click on 'View Hidden Objects' icon twice (once to see hidden objects and once to hide hidden objects) Landonline.exe message appears
Action	Fixed The Landonline.exe error message no longer occurs when undertaking the above listed actions.
Title	Remove Origin, Origin/Witness and Witness Mark Symbology from Current Layers in Capture and Plan Generation
Enhancement	LOLCM-2307
Description	With the CSR-2021 rules now in place, there is no longer the need for capturing Origin, Origin/Witness or Witness Marks.
	Spatially these can no longer be captured, but the Current Layers tab in the Capture and Plan Generation Define Diagram windows still displayed these marks under the `Captured Marks' layer as shown below:

	× Origin
	© PRM (New)
	PRM (Old)
	Witness (New)
	Witness (Old)
	Post (New (Adopted)
	 Bost (Old)
	× Upmarked
	O Bdy (Non Bdy (New / Adopted)
	Bdy / Non Bdy (Old)
	$\Delta CSNM0/CM (Adopted)$
Action	Fixed
	The 'Current Layers' tab in both Workspace and Desktop Capture no longer display these
	LSS Spatial Capture: MO Spatial Capture:
	Current Layers All Layers Labels
	✓ 400 - Captured Marks
	PRM (New) PRM (Old) PRM (Old)
	Post (New / Adopted)
	Post (Old) Vunmarked Vunmarked
	O Bdy / Non Bdy (New / Adopted)
	Bdy / Non Bdy (Old) SNM/VCM (Adopted) CSNM/VCM (Adopted)
	CSNM/VCM (Old)
	The 'Current Layers' tab in Workspace Plan Generation no longer display these marks under 'Survey Marks':
	LSS Plan Gen Define Diagrams: MO Plan Gen Define Diagrams:



Title	Norkspace - Survey Dataset Withdraw dataset - Unassigned				
	WORKHOW				
Enhancement	LOLCM-3222				
Description	Withdraw Dataset button located on CSL_S02 workspace, this function creates a workflow request assigning it to the NUQ but does not link it to the survey dataset and does not workflow correctly after submission.				
Action	Request to mimic that of a return survey dataset request CRI_S01 (WISD) when plan is still located in the NUQ after submit.				
Landonline Workspace - CSL_S02 - Manage Survey Transaction					
	Message: 20550 Survey Dataset LT has been successfully returned to Workspace. OK				
	On return of the dataset the button now shows Delete Dataset with a status of Initiated.				

rvey Details			Record of Title References	Enabled Users
urvey File Reference		_		
urvey Number		Status Initiated		Capture Dataget
and District Nort	h Auckland			
urvey Purpose	Subdivision			
rvey Information Import	Dataset Pre-validate	Supporting Documents Schedule/Me	emorandum Plan Generation TA	Certification S
urvey File Reference		Accreditation Statu	us Accredited	•
Survey Purpose	LT Subdivision	Previous Unit Plan	Stage	
and District	North Auckland	 Type of Dataset 	Survey	•
Survey Description				
urveyor				Search
urveyor's Firm				Search
egal Firm/Agent				Search
nmary Contact				Seargh
dditional No. of RT Refere	nces	Alocate RTs Inactive Su	urvey Notification Date 08 Dec 2	2025

When the Dataset has been pulled from the NUQ for processing a request now workflows to the PRA processing the dataset.

Survey Details Survey File Reference	ŀ				Record of Title References	Enabled Users.
Survey Number			Status Withdraw	val Pending		Capture Dataset
Land District	North Aud	kland				
Survey Purpose	LT Subdiv	rision				
Survey Information	nport Data	et Pre-validate	Supporting Doc	cuments Schedule/Memor	andum Plan Generation TA	Certification S
Survey File Reference		<u> </u>		Accreditation Status	Accredited	
Survey Purpose		Landonline Wo	orkspace - CSL_S02	- Manage Survey Trans	action	
Land District	~					•
Survey Description	٠	Message: 29004				
Surveyor		A <mark>request</mark> has been s	ent to withdraw this sur	vey from Landonline.	ants Li	td ((
Surveyor's Firm			ОК			
Legal Firm/Agent				1		_
Primary Contact						C
Additional No. of RT R Withgraw Dataset	eferences		Alb	cate RTs Inactive Surve	y Notification Date 08 Dec 2	2025
					0	Cance
ady						

Defect	LOLCM-3271					
Description	Parcels captured are not displaying	as Height l g the `HL' ir	imited, e.g., the automa	, 'Height Limited Lo ated schedule/mem	t 1' or `Height Li orandum	mited Area A'
Action	Fixed The automated se appellation and w • Shown • Burdened • Benefited	chedule/me vill draw do Land Land	emorandum wn into the f	now displays these following fields if se	parcels with HL lected:	in front of the
	Land Registration District Dtago Territorial Authority (the Council) Waitaki District			Survey Number LT 435642		Edit Remove Sort
			Schedule of Eas Last Edited: 12 May 20	ements 123 10:49:48		Sched/Mem
	Purpose Bight of Way	<u>Shown</u>	Burdened Land (Servient Tenement)	Benefited Land (Dominant Tenement) HL lot 1 Lot 2	Height Limits Lower Upper BL -1.00 BL 1.00	Rename Sort
	Right to convey telecommunications	HLA	HL Lot 12	Lot 3		Remove Undo Remove
						Document

Title	
The	Trim spaces in Mark Details Screen (Mark Names Look the Same in
	C629 Rule)
Enhancoment	
Ennancement	LOLCM-3364
Description	The C629 rule reports any differences in mark names/mark types and there are often results in these reports that look like false failures.
	The first result listed in the below C629 rule shows the Landonline mark name and the highlighted captured mark name in the survey capture (with Ref id beside it):
	 C629 - Warning - The following marks have names that differ from the mark name recorded in Landonline (16) PEG DP 23575 (PEG DP 23575, Ref Id: 12) PEG DP 23575 (PEG B DP 23575, Ref Id: 13)
	There doesn't appear to be an issue when you look at the mark names in this first row but the reason it is being reported is that there are either leading, trailing, or extra spaces within the captured mark name itself (Ref id 12).
	This issue has been identified as coming in from 3 rd party software LandXML files, whereby the user may have inadvertently added a leading, trailing or extra spaces within the captured mark names.
	In the Mark Detail screen when PEG is highlighted it is obvious that there is a trailing space after the 'G' and in the 'Mark Plan Ref' field there is a double space between the DP and number.

	CSC_S03b - Mark Detail						
	Mark Details						
	Mark Ref 12 Lol Mark Id 50300 Link Mark						
	Mark Type Abbrev PEG Mark No Mark Plan Ref DP 23575 Unlink Mark						
	Name PEG DP 23575						
	Mark Type Peg Condition Searched For and Not Foun						
	Mark State 0 - Adopted Purpose Boundary						
	Northing 883482.736 Easting 428535.016						
	Description						
	Mark Reliability Details						
	Action • • Original • Renewed • Disturbed						
	Date						
	Lol Mark New Search						
	Annotation						
	Next OK Cancel						
ction	Fixed						
	Upon LandXML import if there are any leading, trailing, extra spaces within a mark name or mark type, Landonline will strip these out and reduce the number of results in the C629 report.						
	NOTE – prior to this fix, LINZ were running scripts to tidy these up daily.						

Title	C640 rule is returning different results in Workspace compared with Desktop.
Enhancement	LOLCM-3388
Description	Pre-validation Result – C640 is reported under Warnings (FAIL) There are no qualifying boundary marks where all the marks on the boundary had been shown as Adopted - This result should match desktop as it passes C640 in Desktop and complies with the CSR-2021.
Action	Fixed - The C640 rule in pre-validation now only reports on new or old boundary marks where they are not compliant with CSR-2021 r 17(1).

Title	C684 is Not Running for Easement Plans with Dataset Type "Parcels Without Survey Information"
Defect	LOLCM-3412
Description	In production it has been found that the C684 rule is not running against Easement plans where the Dataset Type = Parcels without survey information.
Action	Fixed – C684 now runs both in Workspace and Desktop
	Workspace – C684 pre-validation:

Items repo	Inted for Survey Capture > Warnings //arning - The following marks have names that differ from the mark name recorded in Landonline (2) //arning - (5) Supplied dimensions of adopted vectors have not been tested as underlying information is not held by Landonline. (12) //arning - The following new survey marks and points, or renewed, reinstated or disturbed marks do not have unique names (CSR 2021 r 80(2 //arning - Survey capture edits have been made. Ensure the automated Schedule/Memorandum is updated and re-attached.
Deskto	p – C684 Requisition:
👗 ccs_s	S01a - Edit Requisition Details: uatassloldb01.linz.govt.nz@crs_spud — 🛛 🗙
Reason	New, renewed, reinstated or disturbed, PRM or other non boundary marks do not have identifiers or are not unique to that dataset. No mark name or identifier: UNMK DP 579592, UNMK DP 579592 Mark 49850988 (UNMK DP 579592) has the same identifier () as mark 49850988 (UNMK DP 579592). Mark 49850989 (UNMK DP 579592) has the same identifier () as mark 49850988 (UNMK DP 579592)
Comment	

Title	Automatic Schedule/Memorandum Not Showing Create Parcels with Strata Topology
Defect	LOLCM-3413
Description	Parcels created with 'Strata' topology are not being populated in the automated schedule/memorandum.
Action	Fixed
	Parcels created under the 'strata' topology class are now populating in the automated schedule/memorandum fields to be selected as required.
	Example: Height-Limited Lot 12 DP 571059 is created in the Strata topology class and is over secondary parcel Height-Limited Area B. Both parcels sit inside newly created Lot 13.

2	CL S01i - Object Informat	ion Tool	×	\mathbf{X}
Feature Id 12			3	
	Value		-	48 19
Parcel Id	12			
Appellation	Height-Limited Lot 1	12 Deposited Plan 571059		26
Area	0.0096 Ha			25
Status	Pending		- 11	10
Action	Creating a new parc	cel	- 11	/
Topology Class	Strata		- 11	
Parcel Intent	ree simple little		- H	
				/
				/
			1	50.
		Locate Cancel		2'51
				523
				571050 /
			HIL ADDEAL B LUH* :	
_				
- The automated so	hedule/memo	randum now popu	lates the strata p	arcel:
The automated so	hedule/memo	randum now popu	lates the strata p	arcel:
The automated sc Auckland Council	hedule/memo	randum now popu	lates the strata p	arcel:
The automated sc Auckland Council	hedule/memo	randum now popu	lates the strata p	arcel:
The automated so Auckland Council	hedule/memo	randum now popu Memorandum of Ease	lates the strata p	arcel:
The automated so Auckland Council	hedule/memo	randum now popu Memorandum of Easer Last Edited: 04 Jul 2023 11	lates the strata p	arcel:
The automated so Auckland Council	hedule/memo	randum now popu Memorandum of Ease Last Edited: 04 Jul 2023 11 Burdened Land	Ilates the strata p	arcel:
The automated so Auckland Council	hedule/memo.	randum now popu Memorandum of Easer Last Edited: 04 Jul 2023 11 Burdened Land (Serviert Tenement)	Ilates the strata p	arcel:
The automated so Auckland Council	hedule/memo	Memorandum of Easer Last Edited: 04 Jul 2023 11 Burdened Land (Servient Tenement)	Ilates the strata p	arcel: Height Limi
The automated so Auckland Council	<u>:hedule/memo</u>	Memorandum of Easer Last Edited: 04 Jul 2023 11 Burdened Land (Servient Tenement) Lot 11	Ilates the strata p Ilates the strata p Ilates the strata p Ilates the strata p Ilates the strata p	arcel: Height Limi Lower U
The automated so Auckland Council	<u>.shedule/memo</u> .shown A	randum now popu Memorandum of Easer Last Edited: 04 Jul 2023 11 Burdened Land (Servient Tenement) Lot 11	Ilates the strata p ments :09:30 Benefited Land (Dominant Tenement) Lot 2, Lot 3, Lot 4, Lot 5 Lot 7, Lot 8, Lot 9	arcel: Height Limi Lower U
The automated so Auckland Council Purpose Right to convey telecommunications, electric water	<u>Shown</u> A ity.	memorandum of Easer Last Edited: 04 Jul 2023 11 Burdened Land (Servient Tenement) Lot 11	Ilates the strata p Iments :09:30 Benefited Land (Dominant Tenement) Lot 2, Lot 3, Lot 4, Lot 5 Lot 7, Lot 8, Lot 9	arcel: Height Limi Lower U
The automated so Auckland Council Purpose Right to convey telecommunications, electric water	<u>Shown</u> A ity.	randum now popu Memorandum of Easer Last Edited: 04 Jul 2023 11 Burdened Land (Servient Tenement) Lot 11	HIL Addeal B LUP and a strata p ments :09:30 Benefited Land (Dominant Tenement) Lot 2, Lot 3, Lot 4, Lot 5 Lot 7, Lot 8, Lot 9 Lot 2, Lot 3, Lot 4, Lot 5	Height Limit Lower Li 5, Lot 6,
The automated so Auckland Council Purpose Right to convey telecommunications, electric water	<u>Shown</u> A ity.	Memorandum of Easer Last Edited: 04 Jul 2023 11 Burdened Land (Servient Tenement) Lot 11 HL Lot 12	Ilates the strata p Ilates the strata p ments :09:30 Benefited Land (Dominant Tenement) Lot 2, Lot 3, Lot 4, Lot 5 Lot 7, Lot 8, Lot 9 Lot 2, Lot 3, Lot 4, Lot 5 Lot 7, Lot 8, Lot 9	Arcel: Height Limit Lower U 5, Lot 6, RL 18.00 RL
Fhe automated so Auckland Council	<u>Shown</u> A HL B	Memorandum of Easer Last Edited: 04 Jul 2023 11 Burdened Land (Servient Tenement) Lot 11 HL Lot 12 Lot 10	Ilates the strata p Ilates th	Arcel: <u>Height Limit</u> Lower U 5, Lot 6, RL 18.00 RL

Title	Spelling Error In Warning Message in Automatic Schedule/Memorandum
Enhancement	LOLCM-3424
Description	When working in the Automated Schedule/Memorandum, and where no Benefited Land was entered the following warning message would return – which identified a spelling error:
	Landonline Workspace - CSL_S02 - Manage Survey Transaction × Message: 9506 No Benifited Land entered. You must enter the Benefited Land. OK
Action	Fixed Warning message now correctly spells 'Benefited':

ĭ.	CSL_5	506 - Survey Lodgement - [CSL_502 - Manage Su
🚰 File Edit Request V	/indow Help	
- Survey Details		
Survey File Reference 0507	23 - Butler	
Survey Number	22647	Status Initiated
Land District Cant	arbury Eandonline Workspace - CSL_502	- Manage Survey Transaction
Survey Purpose	ubdivision Message: 9506	
Survey Information Import	Dataset Pre-va No Benefited Land entered. You must enter t	the Benefited Land.
Select table Schedule	of Easements OK	
Purpose		
	▼	▼ Inser
Pedestrian Right of Way	* *	Clear A Clear Cano
Burdened Land (Servient T	enement) Benefited Land (Dominant Tenement)	Height Limits
	•	•
Lot 1	÷	Clear
,		
Preview		
Land Registration District	Survey Number	