LUSAS 16.0 Error Fix and Modification Release Note

This document details changes that have been made since the release of LUSAS 16.0-0

Further details of errors that have been fixed can be found in the Knowledge Base on the LUSAS Web site www.lusas.com where the number given in brackets is the reference number in the Knowledge Base. The changes apply to all LUSAS application products unless otherwise stated.

For new features see New Features in 16.0
For details of errors fixed in Modeller 16.0 see modeller fixed 16.0
For details of errors fixed in Solver 16.0 see solver fixed 16.0

Version 16.0-1 Built 14th November 2017

Change Requests

LUSAS Modeller 16.0-1 (27602)

Tool for installing network licence does not run on XP (22920)
Improve error messages when installation downloads are corrupted or fail (22931)
Useful to get a table of components (like print results wizard) along the slice used to create a graph (3665)
Incorrect display of deformed mesh when translational end release is defined (18747)
TLO DMI: Cannot determine a plane for element xxx. Please check the search area. (22739)
Wrong transformation used when creating DMI attribute - "local" is used, whatever is chosen on dialog (22758)
Should be possible to set active a time step by drag and drop (22760)
It should not be possible to delete a reference path that is used in a DMI analysis (22768)
Wrong components offered for initial stress and strain load for warping beam (22770)
Diagrams unavailable when using primary component "Displacement" (specified when envelope set active) (22781)
Double click on a graph utility should edit, not view results (for consistency) (22782)
Arbitrary Section Property Calculator hangs for a particular model (22797)
Amplification factor (in window summary annotation) should be based on absolute value of eigenvalue load factor (22802)
Axes and Arrow size entry does not support decimal points (22813)

Unable to plot graph through 2d of any principal stress component (Smax, Smin, S1, etc) (22816)
Autoloader unable to find license key (22839)
Crash when running TLO for design code AS5100-7:2004 (Austroads) when specifying the number of lanes (22841)
When changing vehicle class, the India Vehicle Load wheel configuration picture remains as previously selected and does not match generated load (22860)
SAP2000 file (s2k) import doesn't work for a particular file (22863)
TLO BD86/11: SV vehicles may incorrectly include HA loading (22872)
Units of slope of hardening gradient are not correct (22876)
IMDPlus fails to find USB license (22879)
Multi tendon prestress wizard crashes when using tendon definitions imported from MIDAS (22892)

LUSAS Solver 16.0-1 (6207)

The stress resultants for x-section warping beams (BMX21W) are being displayed as zero when diagrams/values are displayed. The resultant warping beams (BMI21W) work correctly. (22807)