Lyft® Software 2.5R2 - Release Note

Release date: March 30ᵗʰ, 2023

Please note that Lyft Pro is offered under a subscription plan since the release of Lyft 2.3. For data compatibility, please contact your Eddyfi sales representative to synchronise your software plan if your Lyft-GO software is at Lyft-GO version 2.2 and below.

New Features and Improvements

- Support of application specific probes PECA-7CH-SM-H05S and PEC-SF-025-G2-H05 dedicated to ship deck inspections.
- Multi-language user interface supporting simplified Chinese.
- Improved stability of C-scans.

Modifications to Existing Features

- Indication index numbers were only displayed in C-scans, these are now also displayed in both the report tab and the Excel report.

Dropped Features

- The documentation tab has been removed from the Frontstage.

Resolved issues

- Report process can be completed even if components with scan zones are having identical name starts.
- Opening a data file and then closing it without saving changes rendered the file incompatible with earlier software versions. Data now remains compatible with earlier versions even if changes are not saved when closing the file.
- Modifications made to original scan zones are now carried over to the new scan zone when duplicating the scan zone.
- Persistent "Processing" dialog box causing the software to freeze is now fixed.
- Alpha-Numerical C-Scan axes references corrected when working with cylindrical geometries.
- Warning message to 'Save changes' when changing scan zones disabled if no changes were made.
- Indication code only displayed once if indication extends past the edge of 'Wrapped-around' C-Scans.

Known Issues, Limitations and Restrictions

- Lyft versions 2.5 and higher are exclusively compatible with SurfacePro 3D versions 2.4R2 and beyond.
- The PECA-HR Probe is designed for Scab/Blister inspection and inspections through coatings and Lift off, but please note that it is not suitable for use in the presence of metallic weather jackets.
- Elbow inspections are not supported with array probes.
- We recommend using the patent-pending PEC-GS-089-G2 probe for applications on galvanized steel weather jackets. If you use standard second-generation probes on such jackets, add 40 mm (1.5 in) liftoff for every 0.5 mm (0.02 in) of galvanized steel.
- We recommend using grid mapping to inspect structures with galvanized steel weather jackets and/or metallic wire mesh in the insulation. Using the dynamic mode is limited because of the higher noise generated by the material configuration.
- Users can not start data acquisition in scan zones with a setup from a different major version.
- Cast iron inspections are only supported using PECA-6CH-MED, PEC-025-G2 and PEC-089-G2 probes.
- Weather jackets are not supported for cast iron inspections nor with PECA-HR probe.

Lyft System Requirements

- Lyft instrument with valid software subscription
- Lyft software 2.5 is compatible with:
    - PEC pulser/receiver board revision D or higher
    - PEC side plate board revision E or higher
- To enable pulsed eddy current array functionalities, electronic boards must be updated to:
    - PECA pulser/receiver board revision A
    - PECA side plate board revision D

Lyft Pro and SurfacePro 3D System Requirements

- Windows 8.1 and Windows 10 (32- and 64-bit editions)
- Processor: Core i5 or better (or equivalent)
- Memory: 4 GB or more (recommended: 8 GB)
- Minimum available disk space: 500 GB
- Recommended network: Built-in network card for Lyft remote control (USB-to-network adapter also compatible)
- Display: 13″ or larger (recommended: 15″)
- Minimum resolution: 1366 × 768 pixels

- For extensive analysis purposes, we recommend using an additional external monitor, 22″ or larger with a minimum resolution of 1920 × 1080 pixels.