Lyft® Software 2.2R9 Release Note

New Features and Improvements

- High-Resolution PECA™ probe supported for scab and blister inspections with dedicated scab tool
- C-Scan Warning overlay displayed during acquisitions
- Improved CWT algorithm increase sizing accuracy for all existing probes
- Data quality statistics displayed in the Excel report

Modifications to Existing Features

- "Delete scan zone button" moved to the bottom of the scan area page
- Discarded points no longer used in calibration from area
- Grid mode selected by default on appropriate probes

Resolved Issues

- Platform stability improvements
- C-Scan display with priority on acquisition sequence for overlapped data
- Minimum radius on Elbow component redefined
- Cursor movement when launching acquisition

Known Issues, Limitations and Restrictions

- PECA-HR Probe is limited to Scab/Blister inspection
- Elbow inspections are not supported with the PECA probe.
- 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 2.2 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

- Supported operating systems: Windows® 7 SP1 and all necessary updates, Windows 8, Windows 8.1, and Windows 10 (32-bit 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 (USB-to-network adapter also acceptable)
- 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.