

Lyft® Software 2.1R5 Release Note

New Features and Improvements

- Support inspections of cast iron material
- Double index resolution scan available with PECA probe
- Contact and low liftoff inspections possible with PECA probe (using double index resolution)
- Improved setup definition wizard
- Unidirectional (comb) scan available in grid and dynamic modes
- Possibility to invert PECA probe orientation during scan definition
- First element of the PECA probe can be positioned out of the scan zone during acquisitions
- Warning notification implemented in SmartPULSE to advise the user if the characteristic decay time (CDT) of the material is too short for the selected probe
- Enables future software updates through Wi-Fi (Lyft unit must be connected to Wi-Fi network)
- Support the creation of tanks and vessels components
- Wrap around option activated by default for 360 degrees pipes and tubes scan zones
- Button to erase data in scan zone (keep calibration)

Resolved Issues

- Weather jacket material not editable in elbow component setup menu
- Probe buttons not working after deleting an indication in the report
- Probe guide button moved to current view tab

Known Issues, Limitations, and Restrictions

- 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 cannot 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

Lyft System Requirements

- Lyft instrument with valid Lyft software and service plan (LSSP)
- Lyft software 2.1 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.