



Lyft® Software 1.2R14 Release Notes

System Requirements

- Lyft instrument with valid LSSP
- Latest electronic board updates are required to fully support the new features of this version:
 - PEC pulser/receiver board should be at revision D or higher
 - PEC side plate board should be at revision E or higher

New Features and Improvements

- Algorithm 1.2+ with improved sizing capabilities:
 - Supports insulation thickness variations up to 50 % from the calibration point without impacting sizing capabilities.
 - Less sensitive to material overlaps.
 - Adapted in function of the different materials used for weather jackets.
- Automatically recalibrate the signal when selecting another version of the algorithm.
- Recommend appropriate probe when Galvanized Steel weather jacket is selected during setup.

Modifications to Existing Features

- PEC Autoset function better supports thin walls at 3 mm (0.12 in).
- Dynamic mode is greyed out when Galvanized Steel weather jacket is selected during setup.

Resolved Issues

- Probe buttons and keypad are now working after software installation.

Known Issues, Limitations, and Restrictions

- PEC technology is insensitive to through hole defects. The compensated wall thickness tool (CWT) of the Lyft system will identify a loss in material thickness but prove up testing is required to identify through hole flaws.
- It is recommended to use the algorithm version 1.1 when testing structures with metal reinforcing bars (rebars) or thick wire mesh.
- Enlarged footprint value needs to be considered when inspecting insulated structures with Galvanized Steel weather jacket: add 40mm (1.5in) of liftoff for every 0.5mm (0.020in) of galvanized steel jacket
- It is recommended to use the Lyft grid mode for the inspection of structures with Galvanized Steel weather jackets or metallic wire mesh (chicken wire) in the insulation. The use of the dynamic mode is limited due to the increased level of noise generated by the material configurations.