



# Lyft™ Software 1.1R6 Release Notes

## System Requirements

- Lyft instrument
- Electronics upgrades are necessary to fully support the new features of the version:
  - The PEC pulser/receiver board should be revision D or later
  - The PEC side plate board should be revision E or later

## New Features and Improvements

- Support for Lyft G
- A processing icon was added to grid mapping when data acquisition takes more than 1 second.
- Added a new color palette.
- Saturation icon takes digital saturation into account.
- Modifications to reports include:
  - Sizing algorithm used for each scan zone
  - Subcomponent box
  - Defect box
- A-scan start time and duration is validated before starting acquisition.
- Modified the probe descriptions and IDs.
- The probe selection table now includes tank floor and splash zone probes.

## Modifications to Existing Features

- The scan page was modified to suggest grid resolutions compatible with the compensated wall thickness.

## Dropped Features

- None

## Resolved Issues

- The software keyboard created navigation issues in the component creation workflow.
- The survey mode measurement displayed out-of-range wall thicknesses when used before calibrating the wall thickness.
- The defect indication box remained visible when the data in the scan zone was deleted and when the scan zone was duplicated.



- The external encoder information field simultaneously displayed metric and US customary units for the same position.
- The get point button on the keypad did not respond in Survey mode.
- The resize cursor with arrow on the keypad adopted a behavior that depended on the component's origin.
- The compensated wall thickness yielded no results and no error messages when using a voluminous dataset.
- Lyft occasional crashed when duplicating dynamic scan zones to grid-mapping zones.
- The compensated wall thickness screenshot was captured before the rectangle indication box appears at the cursor location.
- The delete report command did not delete associated screenshots.
- Adding new layouts at the **Display** step of the setup wizard deleted data.
- Performing the SmartPULSE routine occasionally caused errors.
- The system sometimes remained in acquisition mode when attempting to exit it without acquiring data.
- Horizontal pipe's information fields were not displayed correctly.
- Aborting the wall thickness calibration could freeze the software.
- The dynamic scan default resolution did not support compensated wall thickness.

## Known Issues, Limitations, and Restrictions

None notable in this version.