

# Eddyfi Magnifi® 4.6R13 Release Notes

## System Requirements

- **Supported operating systems:** Windows 8.1, and Windows 10 version 1607 (Anniversary Update) and 1703 (Creators Update) (32-bit and 64-bit editions)
- **Processor:** Core i5 or better (or equivalent)
- **Memory:** 8 GB or more (recommended: 16GB recommended for very large tube maps)
- **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.

## Firmware

Included in this release of **Magnifi** is the following firmware:

### Eddyfi Ectane® 2

- Version: 2.1R4  
Update your firmware the first time you connect to Ectane 2.

### Ectane

- Version: 1.8R5.1  
This is the same version as Magnifi 3.5R14

## New Features and Improvements

### Surface Applications

- Dedicated SPYNE setup creator assistant
- Added flexibility on ECT & ECA assisted data analysis tool
- One-click c-scan indications reporting entry
- Integrated ECA Raster scan visual markers
- Sharck HR improved c-scan definition and depth sizing on SCC
- Improved Surface MFL setup creator assistant

### Tubing Applications

- RFT automatic data screening
- RFT differential channel linked with the model based absolute channel
- Improved flexibility on ECT automatic data screening engine
- Encoder position integrated in the miniature Probot control window

### Modifications to Existing Features

- Removed the Sharck setup creator assistant

### Dropped Features

None in this version

### Resolved Issues

- Intermittent problem preventing C-scan from rendering data during the acquisition
- Oversized depth measurement on channels 1 and 2 on SHARCK-HR-WPIPE probe
- Calculated info field can now display multiple sizing curve from the same C-scan
- The impedance plane was displayed an error message during acquisition, when moving the data signal
- Fixed minor memory issue related to the waiting dialog
- The Voltage Plane reference spiral now supports full channel scale level
- Ectane 1 support also the latest RFT calibration assistant
- Magnifi will send the appropriated warning message when the acquisition unit is overheating, to inform better the user before to shut it down.
- When using the raster multi topologies scan, an unwanted offset was observed when looking at signals in Lissajous

- An error message was displayed in the info field when filling a defect entry with the Sharck TECA probes
- Now the documentation appear on the REDDY instrument
- The cursor now is properly aligned between the C-scan and the strip chart view
- Magnifi and Magnifi GO were crashing when performing a Sharck/Sharck HR User material over a no-data zone and/or on reaching the maximum scan length

## Known Issues, Limitations, and Restrictions

- Sharck Fillet Weld Probe - Transverse C-scan display too many channels
- Modification to the wizard changes the color palette
- Automatic data screening limited to shallow ID pitting in ECT/ECA tubing applications
- Automatic data screening does not support IRIS tubing applications
- Same group displayed on both C-scans at creation of new setup file in certain conditions
- Spyne Probe – Y axis preset must remain to zero in raster scan mode