

# Eddyfi Magnifi® GO 5.3R3 Release Note

Release date: January 17<sup>th</sup>, 2024

## **\*\*\*Cloud-based licensing system\*\*\***

Magnifi 5.x is now activated through a cloud-based licensing system.

For clients under a valid maintenance plan, access to version 5.3 is included and preactivated. After installing the new version, simply connect the instrument to the internet to activate the license.

If you are not under a valid maintenance plan, please contact your Eddyfi Technologies sales representative.

## **New Features and Improvements**

### **Generic**

- Introduction of the Connectivity menu, regrouping a set of new functionalities for Reddy and Reddy-AC:
  - Automatically backup data to your Microsoft OneDrive account. A link to the online folder can be shared directly from the instrument.
  - Collaborate easily with Zoom screen sharing and remote control.
  - Use the new Eddyfi App to send photos and notes to your instrument while you work. Available for both Apple and Android users.

### **Surface Applications**

- Software performance optimizations for Sharck and Sharck HR probes, reducing calculation time needed for Air-Aluminum and User Material calibrations.

## **Modifications**

### **Generic**

- Windows 8 is no longer supported.
- Generating a report now produces a .html file. Any web browser can be used to visualize the content of the report.
- Contact information for support and requests related to Magnifi has been uniformized (support@eddyfi.com).

### **Surface Applications**

- Various modifications related to the Sharck and Sharck HR setups:

- The C-scan processes and infofields they contain have been updated to allow for improved processing speed.
- Infofields in Sharck HR setups now show 3 values and their order has changed: SCC Depth, Liftoff, Compensated Depth.
- Sharck HR array probes setups now use the Sharck Array report format by default instead of Generic Array.
- SHARCK-HR-1048-071 and SHARCK-HR-WPIPE setups have been removed from the default master list.
- Demo data files have been removed.
- Modifications to the ECA-PFLEX-D-056-HF-032 setup:
  - Central frequency and default frequency now 500 kHz instead of 1000 kHz.
  - Minimum frequency now 250 kHz instead of 500 kHz.

## Resolved Issues

### Generic

- Fixed memory leaks and other performance issues.
- Fixed display issues of the C-scans when completely zoomed out on vary large scans.
- Fixed issues with the Wi-Fi Networks window that would make it slow or unresponsive.
- Corrected errors caused by the presence of invalid characters in the Inspection sub-folder path.
- Fixed an error that would appear when selecting the Material Database tab in the backstage of the Reddy-32M, Reddy-64M and Reddy-128M instruments.
- All the options of the Data List sort and filter menu are now visible when the option to sort by Properties is selected.
- The button to Save Data as is now available in Magnifi CPN.

### Surface Applications

- Fixed a problem causing the X position not to reset to the preset value when clicking the Next Pass button during a raster scan if the encoder had been calibrated.
- Fixed issues that would make Magnifi freeze occasionally when doing scans with Sharck probes.
- The last channel of the Sharpened C-scan in a SHARCK-HR-10PLUS data is no longer flat.
- Fixed a display issue making the font larger in the SCC Depth infofield of Sharck HR setups.

## Known Issues and Limitations

### Generic

- Usage of Zoom functionality is blocked for certain countries.
- During a Zoom meeting, connecting an external device (mouse, keyboard) to the instrument can make the mouse of the participant with remote control disappear.

- When using the Eddyfi App with an iPhone to connect to an instrument through direct Wi-Fi, an error is returned even though the connection is successful.
- If a phone is connected to an instrument using the same Wi-Fi network or the phone's hotspot, a direct connection (no network or mobile hotspot) between the devices requires a reboot of the instrument.
- If the Inspection folder and a data file have the same name, the pictures transferred from the Eddyfi app will appear both under the Inspection and Data sections of the report.
- The new .html report file is not readable directly on Reddy.
- It is no longer possible to generate a Word, Excel or PDF report file directly from Magnifi. Elements from the .html report can be copy-pasted to Word or Excel documents using the dedicated Copy buttons. A PDF can be generated from the .html report.

### **Surface Applications**

- Sharck and Sharck HR setup and data files produced in Magnifi 5.2 (or prior) are not compatible with Magnifi 5.3 (or more recent).

## **System Requirements**

- Reddy for surface (32/32M, 64/64M or 128/128M)
- Reddy for tubing (AC-E)

## **Firmware**

- 2.1R14 (included in MagnifiGO installer package)