

EddyVision 8.1 Release Notes

February 3, 2017

These release notes document all changes from Rev 8.0 to Rev 8.1.

Warning: Files created and/or modified with EddyVision 8.1 may not be readable with earlier versions.

EddyVision 8.1 runs on Windows 7 or later except Windows Vista. Windows XP is no longer supported. All development is done on Windows 7 and the qual was done on Windows 10.

1. General

- 1.1. Right-click in the directory listing area of the **Open Project** dialog will show a list of recently used project directories.
- 1.2. Fixed bug where changing a coil in the lissajous set the group back to 1. It now properly increments the probe coil within the group for groups with more than one channel (e.g. array coils).
- 1.3. The user **ID**, **Name**, and **Level** fields in the Logon dialog can now use a wider range of characters. A **User ID** can now contain any upper or lower case letter, digits, as well as '-' or '_'. The **User Name** can contain any upper or lower case letter, digits and spaces. The level can contain any upper or lower case letter, digits and '-'.
- 1.4. The "**Config Change**" options in the main **OPTIONS** dialog have been modified. Instead of specifying what to ignore it specifies what to check. By default, non-data channels are ignored since this can cause a large number of config change messages for things that do not affect actual data.
- 1.5. Added a "**Max Trigger Amplitude**" option to the **RPC Settings** dialog. This is used to prevent erroneous spikes in the data to show up as triggers.
- 1.6. In the "**Probe Definition**" dialog, **Cancel** will now work properly.

- 1.7. Volt curves can now go up to 1000 V instead of 700 V. The table displayed in the curve printout will no longer overflow the print out for high values.
- 1.8. The Unicode font used by EddyVision will be installed if necessary when you run the software. The font is "**DejaVuSans.ttf**" and will typically be installed in "**C:\Windows\Fonts**". If you decline to install the font, EddyVision will still work, but some print to PDF and other utilities may fail for maps that contain special symbols.
- 1.9. Created a workaround for a new Windows 10 bug that prevented network drives from showing up correctly when opening a project.
- 1.10. Created a workaround for a Windows 10 bug that prevented caption buttons (help, minimize, maximize and close) from displaying and working correctly.
- 1.11. **IP Setup** should run correctly from the TrackDrive-100 pusher and OMNI-100 config dialogs.
- 1.12. Many small miscellaneous fixes and updates.

2. Analysis

- 2.1. Added a first attempt at reading Miz80 data.

3. DBMS

- 3.1. No changes

4. EddyAdmin

- 4.1. No Changes

5. OMNI-200

- 5.1. Loading an OMNI-200 probe template will not overwrite the current config.
- 5.2. The default drive is now 100%.

6. Acquisition

- 6.1. Restored the ability to do mixes and filters while acquiring data.
- 6.2. The first operator in acquired files is forced to be the **Logon** user.
- 6.3. The pusher type in the **Summary** is no longer cleared if there is no pusher. This is so that people using manual pushers not controlled by the software can set it to a desired value.
- 6.4. Can now display balance point while acquiring. Enabled via the *Show Bal Point* option in the main **OPTIONS** dialog.
- 6.5. Fixed full auto acquire bug where after the last entry in a plan was completed, a *Warn if Done* message will keep popping up until the system crashes.
- 6.6. Fixed bug where if a cal is opened and the software is shut down prior to acquiring data, the summary will go blank.
- 6.7. Fixed bug where TrackDrive-200 pusher does not work correctly for IP addresses above 223 in the first octet.

7. MakeComp

- 7.1. Default leg is now INLET.
- 7.2. Added **Edit | Tables** choice to menu in the create group dialog. This allows adding materials.
- 7.3. Added some validation to various tables. For example, the **POS** field in a landmark must be a positive real number.

8. TLIST Dialog

- 8.1. The *Expanded TLIST* option has been moved from the main **OPTIONS** dialog into the **TLIST View** menu. It allows finer control over what fields are displayed. Warning: displaying fields beyond the default requires reading all tube headers and will cause the **TLIST** display to take some time if there are a large number of files.
- 8.2. If *View | Message Info* is enabled, hovering over a message will show the text of the message.

- 8.3. If *View | Date Info* is enabled, hovering over a data file will show some config information.
- 8.4. If *View | Config Changes* is enabled, the **CFG** field will show which files cause a config change. Hovering over a file entry with a **■** will show what changed. You can right click and select *Show Config Change* to bring up the full **Config Change** dialog.

9. SETUP Dialog

- 9.1. You can set a desired Y/X ratio. Select a set of channels and then type the desired value in the Y/X column. All selected channels will be updated.