


Upgrading Software for the RPG-HATPRO, RPG-LWP, RPG-U90, RPG-150-90, RPG-DP150-90, RPG-HUMPRO, RPG-TEMPRO Radiometers

Assumption: You want to install a new radiometer software version (2CH.EXE) on the embedded radiometer PC and a new version of R2CH.EXE on the host PC.

1. Step: Save the old software versions

a) Create a directory to save the old software versions (e.g. C:\MyPath\RPG-HATPRO\SAVE).

b) Connect the host to the radiometer and enter the File Transfer Menu (, Fig.1). On the right side (Host) browse to the directory for saving the files (e.g. C:\MyPath\RPG-HATPRO\SAVE) and on the left side (Radiometer) in the System Files Directory mark the 2CH.EXE file. Then press the '>>' button to initiate the copy process.

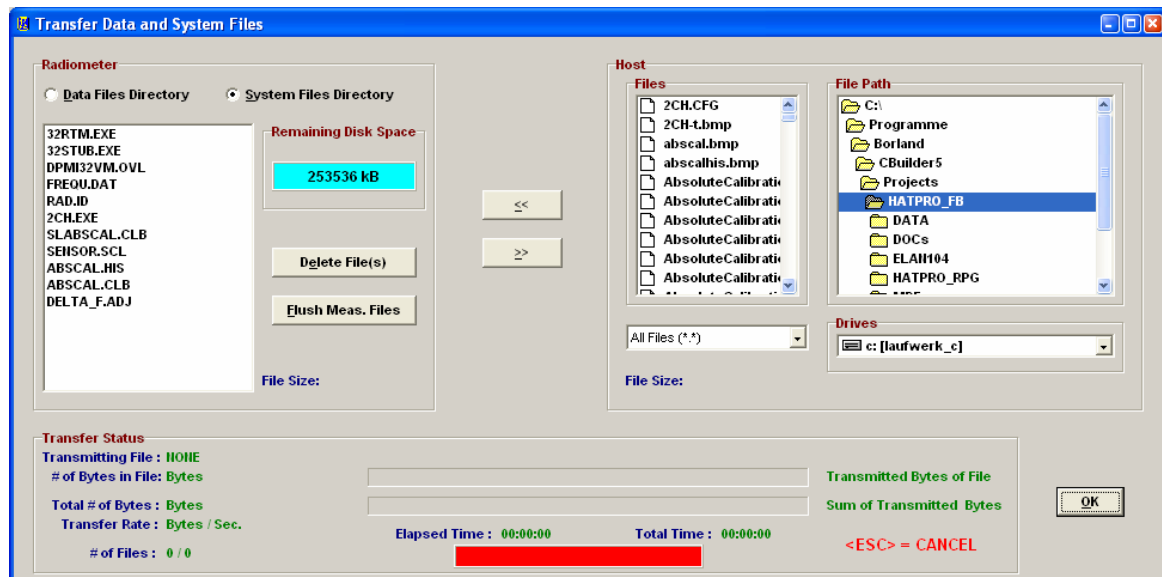


Fig.1: File Transfer Menu



c) locate the R2CH.EXE file in the MyPath\RPG-HATPRO directory and copy this file to the C:\MyPath\RPG-HATPRO\SAVE directory.

2. Step: Overwrite the old versions by the new ones

- Terminate R2CH.EXE and overwrite the old R2CH.EXE in MyPath\RPG-HATPRO with the new version.
- Execute R2CH.EXE to start the new host version.
- Copy the new version of 2CH.EXE (the radiometer PC software) on an arbitrary directory on your hard disk (e.g. MyPath\RPG-HATPRO\ELAN104). Then enter the file transfer menu in Fig.1 and browse to that directory. Mark the 2CH.EXE file in the Files-list and press the "<<" button. Because you are now going to overwrite a file in the System Files Directory (which is password protected for write access) a password entry window pops up. Please enter the following password in exactly the way as it is printed here:

theringsofsaturn

Press OK and the 2CH.EXE on the radiometer PC will be overwritten by the new 2CH.EXE version. Exit the File Transfer Menu after that.

- d) Boot the radiometer PC to make the new 2CH.EXE the running version. You can do this by entering the Manual Control Menu () and selecting the “Dew Blower + System” tag. Press the “Reset Radiometer PC” button and confirm the command with YES. Wait for about 2 minutes to give the boot process time enough to finish. Then reconnect to the radiometer () . The Radiometer Status box now indicates the new radiometer software version.

The software upgrade is finished.