Historic					
REV.	**DATE**	**OBJECT**	**WRITTER**	**CHECK**	**APPROVAL**
01	09/09/20	First edition	J.MILLARD		

SUMMARY

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1 OBJECT

This document describes the modification of wiring and configuration to perform in order to activate the DC charger log record option in the OCPP kit for a PULSE 50.

2 PREREQUISITE

Those prerequisites have to be respected so the option will be available :

- OCPP Kit firmware version has to be BBBC211 minimum
- Pulse 50 with a router without using the LAN mode=true on a charger external local network (IP used can be in conflict with the network et the DC charger won't be seen by the OCPP kit if the sub network is different).

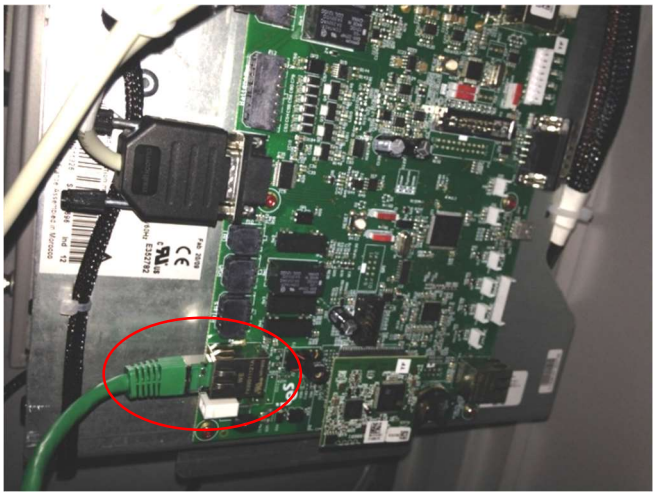
Required tools :

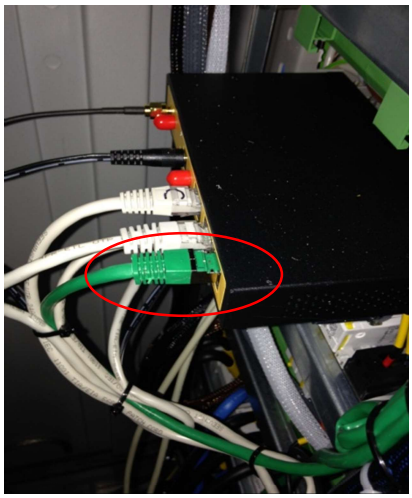
- A PC with CCU Manager software installed (and his dedicated drivers)
- A USB to USB-mini cable
- An Ethernet cable of 1m minimum
- Clamping clips and wire cutter

3 WIRING

It is necessary to add a RJ45 ethernet cable between the integrated routeur and the DC charger.

On the DC charger, you need to use the ethernet port on serial port connected to the HMI. On the router, you need to connect on a free ethernet port.





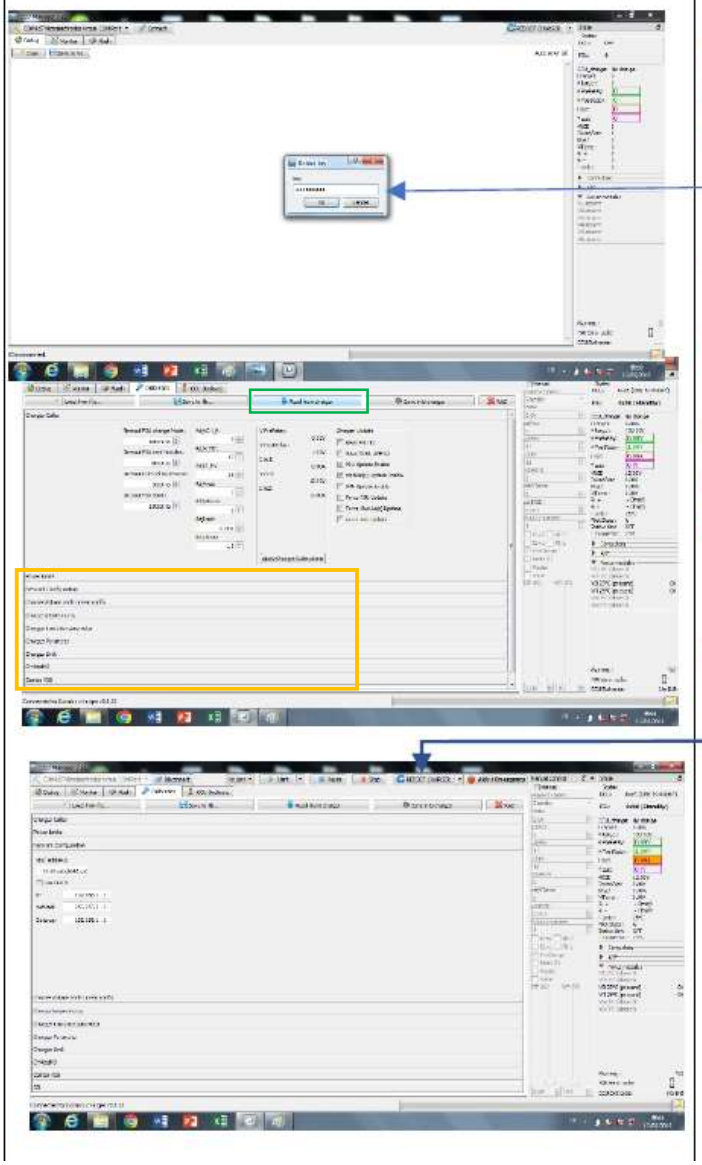
4 CONFIGURATION

In order to allow the logs to be recorded, it is necessary to configure the DC charger (IP adressing).

After connecting a PC with the USB-USB mini cable to the CCU board, follow the following step by step procedure :

If you face a liaison issue, verify that your drivers are installed and the virtual USB port has been detected when you connect the charger.

The charger need at least 24V to power up the CCU board.



- On PC, launch the software « CCU Manager » and click on « connect »
Click on the « key » at bottom right corner and enter the following password :
foulaxess

- In Calibration tab :
Click on « Read from charger » then go on Network configuration.
Enter the following informations :
IP : 192.168.1.9
Net Mask : 255.255.0.0
Gateway : 192.168.1.1

Click on the button « Save in to charger »
Then click on the « Reboot Charger » button at the top

- Let the charger reboot

5 VERIFICATION

To be sure that the logs are well recorded, you need to bring the EV charger in operation. Then, after or without a charge test, you need to switch off the power and verify that the following files are in the « logs » folder of the µSD card from the OCPP Kit :

- Charge_State_Logs_20XX-XX-XX.csv (If you did a charge test)
- Charger_State_Logs_20XX-XX-XX.csv
- Charger_Temperatures_Logs_20XX-XX-XX.csv
- PSU_State_Logs_20XX-XX-XX.csv
- LogsChargeur_20XX-XX-XX.csv