**NOx and O3 Analyzers: Procedure of Data loading**

1. Connect the analyzer to the laptop via the cable RS232/USB
2. Open the software "hyperterminal" on the laptop in the configuration "NOx" (COM X and 19200 bauds)
3. In the toolbar, click on "Transfer" then "Capture txt" and select the capture file where the data will be recorded following the model "CAPTURE\_O3\_date of loading (DDMM).txt" or "CAPTURE\_NOx\_date of loading(DDMM).txt"

(ex: CAPTURE\_O3\_1207.txt), then click on "Start"

1. Check that the connection is open, i.e. the icon with the telephone is dark and "connected" is marked at the bottom of the screen. Otherwise, click on this icon.
2. On the analyzer screen, to get out the screen with measurements, click on the arrow 🡬 to the left of the screen then go to the line "Données Mémorisées" with the arrows 🡩 and 🡫, then click on the arrow "enter ⮰"
3. Change the date of the beginning of the data loading with the arrow 🡫 then \*: change the first day of loading with 🡪and 🡨 to select the number then 🡩 and 🡫 to modify the number, then enter "⮰"
4. Click on "Menu" then "Impr.", on the screen appears "Impression en cours" by flashing
* If the connection is OK, so the data appear on the screen of the Hyperterminal on the laptop.
* If there is a problem, check the connection between laptop and analyzer or check that the connection is active (see 4.)
1. At the end of data loading, "Impression terminée" is marked on the screen of the analyzer. Check on the laptop that the last loaded data corresponds with the present date and clock. Otherwise, do again the procedure from 5.
2. In hyperterminal software, go to "transfer" and "capture txt" then click on "stop", then check that the file exists and is full.
3. Disconnect hyperterminal by clicking on the icon to hang up telephone
4. In the analyzer, click on the arrow 🡬 to the left of the screen and again, then go to the line "Mesure" then enter then :
* On the line "instantannée" and enter for the O3 analyzer.
* On the line "synoptique" and enter for the NOx analyzer, then check on the right top of the screen that the pression is between 300 and 330 mbar. (Otherwise send an email to Paola or Karine).