NLG 5 Monitoring

For displaying the actual values of the NLG 5, you need a terminal or a terminal program. It will display the text on the screen which the NLG 5 outputs at the serial interface. The easiest way ist to use the program "Hyperterminal" which is included with most windows versions (see "Start | Programs | Accessories | Communication | HyperTerminal" or similar).

If the program is not installed on your PC, you may obtain it directly from the manufacturer: <u>http://www.hilgraeve.com/htpe/index.html</u>

1. Hyperterminal setup

Start Hyperterminal and switch off the connection if it is already established (main menu "Call | Disconnect"). Under "File | Properties" set the following:

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Weise Change [con Qountry/region: Schweiz (41) Enter the area code without the long-distance prefix. Arga code: 81 Phone number: Configure Congnect using: Direct to Com1 Configure Configure Subscientification of the subscience Bediel on busy	Function, arrow, and ctrl keys act as Image: Terminal keys Backspace key sends Image: Ctrl+H Emulation: ANSI Image: Terminal Setup Cglors Telget terminal ID: ANSI Backscroll buffer lines: 500 Image: Backscroll buffer lines: ANSI Backscroll buffer lines: SOI Image: Backscroll buffer lines: ANSI Backscroll buffer lines: SOI ASCII Setup OK
↓ n the window above click on the button Configure" to call the configuration dialog or the serial port COM1 (see picture on the ight). Configure the port according to the ettings shown on the right, then close all open windows and the Hyperterminal orogram.	Eigenschaften von COM1 Anschlusseinstellungen Bits pro Sekunde: Datenbits: Datenbits: Parität: Keine Stoppbits: 1 Prgtokoll: Xon / Xoff Erweitert Standard wiederherstellen OK



2. Start Monitoring

Connect the serial port COM1 of the PC to the serial port of your NLG 5. Start the Hyperterminal program and press "Enter" on the keyboard, so the following should be displayed:

Image: Second State Image: Second State Image: Second State Image: Second State <th>Type in the following on the keyboard: monitor and press the "Enter" key. Take care not to type any capitals, spaces, corrections etc., otherwise the input will not be recognized. If you have mistyped the word although, just press the "Enter" key; then reenter the word correctly and press the "Enter" key again.</th>	Type in the following on the keyboard: monitor and press the "Enter" key. Take care not to type any capitals, spaces, corrections etc., otherwise the input will not be recognized. If you have mistyped the word although, just press the "Enter" key; then reenter the word correctly and press the "Enter" key again.
SHELX-Reperfermind For Vence Cell Service Bet Service Bet Service Cell Service Bet Serv	The window "Main Characteristics" shown on the left will be displayed on the screen. It displays the main actual values of the NLG 5. If errors, warnings etc. occur, they can be displayed in detail by pressing the "e" key, so the "Errors & Warnings" window is displayed.
SHELX - HyperTennind Fr 34 Yes Cal Joneth Heb Image: Start Description Image: Start Description Image: Description Image: Start Description Image: Description Image: Description Image: Descript	The "Errors & Warnings" window displays error and warning conditions. Errors generally cause the NLG to stop charging, while warnings indicate that charging may be detracted but will be continued at reduced power output e.g. Press the key "m" to return to the "Main Characteristics" window. Quit monitoring by pressing the "q" key.

MonitoringSetupNLG5.doc

