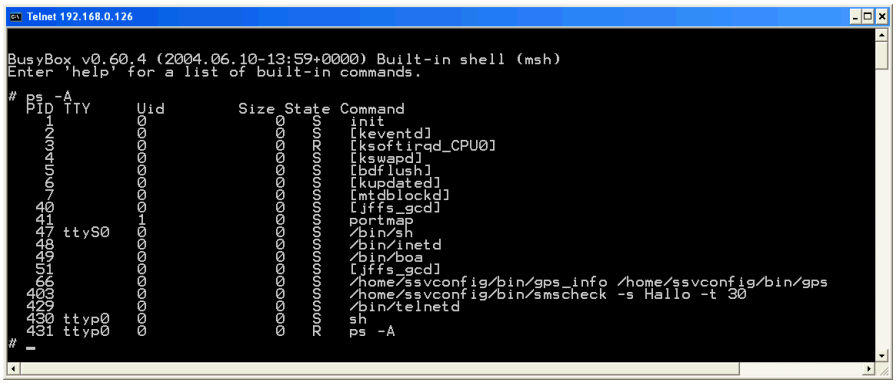
How to use the GPS2GSM RDK for incoming SMS message debugging

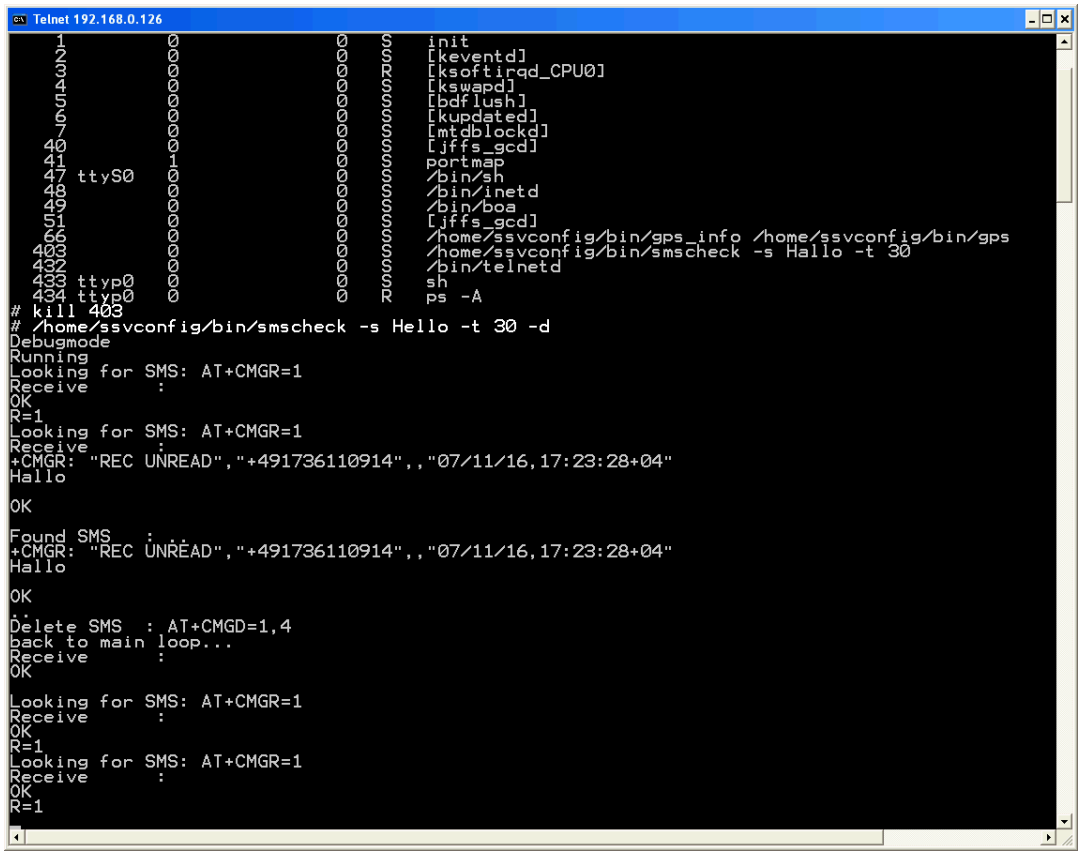
The DIL/NetPC DNP/5280 GPS2GSM reference design kit (GPS2GSM RDK) comes with pre-installed demonstration software. This software offers a debugging feature to watch incoming SMS messages.

- **1. Step:** Setup an Ethernet link between your PC and the DNP/5280 GPS2GSM reference design kit. Run a Telnet client on the PC and find out the PID for the process ***smscheck***.



- **2. Step:** Kill the current process ***smscheck*** and restart this program with the parameter ***–d***. Just enter the following command:

```
/home/ssvconfig/bin/smscheck/ -s Hello -t 30 -d
```



3. Step: The ***smscheck*** tool checks the GPS2GSM RDK GSM modem every 30 seconds for new SMS messages. To do this the ***smscheck*** tool sends special AT commands to the modem.

If an SMS is available, the software compares the SMS text string with a setup string (in this sample “Hello”, see the command line parameter ***-s***).

Is the SMS text string unequal to the setup text string, the software waits for the next SMS. Otherwise the GPS2GSM RDK answers with a GPS position SMS.

Please note: See also *mHT5280.46.pdf: How to use the DNP/5280 GPS2GSM reference design kit (GPS2GSM RDK)* for more information.

That’s all.