

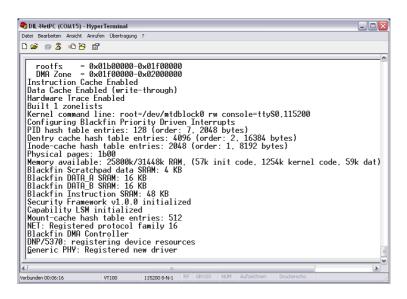
## How to understand the DNP/5370 Boot Process with RCM enabled

Direct after power-up the DIL/NetPC DNP/5370 starts an automatic boot process from the on-board flash memory chip. This process consists of two steps.

• **1. Step**: The DNP/5370 runs the U-Boot boot loader program. This software shows a wait message over the DNP/5370 COM1 serial interface if <u>**RCM** is enabled</u> (please see the *DIL/NetPC DNP/5370 Hardware Reference Manual* for details). It is possible to interrupt the boot process and switch to the U-Boot command line interface. Just hit a key of your terminal emulation program.

SDIL-NetPC (COM15) - HyperTerminal	_ 🗆 🔀
Datei Bearbeiten Ansicht Anrufen Übertragung ?	
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U-Boot-1.1.3-ADI-R06R2 (Dec 6 2007 - 09:27:00) CPU: ADSP BF537 Rev.: 0.2 Board: DNP/5370 Support: http://www.ssv-embedded.de/ Clock: VCO: 600 MHz, Core: 600 MHz, System: 120 MHz SDRRM: 32 MB FLASH: 3 MB In: serial Out: serial Err: serial Hr: serial MAC: 02:80:AD:20:D3:70 Net: ADI BF537 EMAC Hit any key to stop autoboot: 2	
	<u> </u>
Verbunden 00:00:05 VT100 115200 8-N-1 RF GROSS NUM Aufzeichnen Druckerecho	

• 2. Step: Without interruption the U-Boot boot loader starts a Linux O/S image after the wait period from the DNP/5370 flash memory.



**Please note:** The U-Boot command line interface allows you to change the wait time of the first step. Please see the U-Boot environment variable **bootdelay** for details.

That is all.