frequently asked questions

Hydra and Hercules Systems

"How do I reset Hydra and Hercules Systems?"

This Reset function allows the entire system to be reset. Processor software versions after 3B allow for a selective system reset, whereby functions may be reset individually or collectively. Functions are assigned a node address, as follows:

Individual Addresses

Node Address	Function
01 to 04	Depth
05 to 08	Wind
09 to 0C	Performance/NMEA
0D to 10	Expansion
11 to 12	Auto-pilot
20 to 2F	FFDs
30 to 3F	Halcyon Displays
40 to 4F	20/20's
60 to 6F	NMEA FFD's

Collective Addresses

FA	All 20/20's
FB	All Halcyon Displays
FD	All Processor nodes
FE	All FFDs
FF	Entire System

CAUTION

The SYSTEM RESET procedure (Node FF) will result in loss of ALL calibration data, and return the system back to factory settings. This includes fully commissioned autopilots! Prior to performing this procedure, it is very important to make a note of all calibration values so that they may be re-entered after the reset has completed. Autopilots and flux-gate compasses that have been reset will require a sea-trial.

Access the Diagnostic Facility

The diagnostic feature is accessed as follows:

1. When switching on the system, press and hold the ENTER key on the FFD until DIAGNOST appears on the upper text.
2. Press the ENTER key and the first test option, KEYTEST, will be displayed.
3. Repeatedly press the SCROLL DOWN key until RES SYS is shown.
4. Press the ENTER key to select the Reset function.
5. With RES SYS shown on the display, use the SCROLL UP/DOWN keys to select the function Node Address you wish to reset.
6. Press the ENTER key to activate the reset function.

Note

For system resets, a period of approximately ten seconds will elapse while the processor performs the selected command. During this time CONFIGNG will appear in the top text of the display. When the command has been executed normal operation will be resumed.

After a delay of about 20 seconds the system should be switched off and then back on to complete the reset procedure. This is necessary as some of the units re-configure themselves depending on which other units are on the network.

B&G Customer Support
Premier Way
Abbey Park
ROMSEY
SO51 9DH
UK