

BASIC COMMANDS

CE - Counter Enable.

CD - Counter Disable.

H1 - Help page 1, H2 - Help page 2.

DG - Display GPS info, date, time, position and status.

DC - Display control registers, (C0-C3).

DS - Display Scalar, channel (S0-S3), trigger (S4), time (S5).

DT - Display Register, 0-3.

BA - Display Barometer trim setting in mVolts and pressure as mBar.

TH - Thermometer data display (@ GPS), -40 to 99 degrees C.

TI - Timer (day hr:min:sec.msec), TI=display time.

V1 - View set up, V2 - View voltages.

ST 2 5 - Include scalar data line, ch(S0-S4) after each 5 minutes.

SA 1 - Save setup with enable.

TL c d - Threshold Level, (4=set All), data(0-4095mV), TL=read

RE - Reset complete board to power up defaults.

RB - Reset only the TMC and Counters.

To activate all the four channels at one go:

Type *WC 00 1F*

To activate only the counters that are being used.

Type *WC 00 13* for channels 0 and 1.

Type *WC 00 15* for channels 0 and 2.

Type *WC 00 19* for channels 0 and 3.

Type *WC 00 16* for channels 1 and 2.

Type *WC 00 1A* for channels 1 and 3.

Type *WC 00 1C* for channels 2 and 3.

To change threshold:-

For all the counters at a time →

TYPE ***TL 4 300*** (for 300 mV)

For counter 0

TYPE ***TL 0 300***

For counter 4

Type ***TL 3 300***

WC 00 3F - Write Counters to read a two-fold coincidence with all four counters activated.

