

### 3.1.3 Digitisers

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#### 3.1.3.1 A1716

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## DM24 CALIBRATION

WORKS ORDER: 4146

DIGITISER SERIAL NUMBER: A1716

SYSTEM ID: 4146  
 UNIT ID: 1716  
 OUTPUT DATA FORMAT: GCF  
 BAUD RATE: 38400

CPLD: A0.E1  
 BOOTLOADER: BOOT1030.IMG  
 DSP SOFTWARE: DSPSI1060.BIN  
 SYSTEM: ARMFWDM103b78.IMG

#### VELOCITY CHANNELS

Channel:	1716Z2	Vertical	3.191 $\mu$ V/Count
	1716N2	North/South	3.188 $\mu$ V/Count
	1716E2	East/West	3.187 $\mu$ V/Count
	1716Z3	Vertical	3.201 $\mu$ V/Count
	1716N3	North/South	3.200 $\mu$ V/Count
	1716E3	East/West	3.191 $\mu$ V/Count

#### MASS POSITION CHANNELS

Sample Rate: 4 samples/sec (Default)

Channel:	1716M8	Vertical	288.84 $\mu$ V/Count
	1716M9	North/South	289.58 $\mu$ V/Count
	1716MA	East/West	290.96 $\mu$ V/Count

Sample Rate: 1 samples/sec

Channel:	1716M8	Vertical	1.128 $\mu$ V/Count
	1716M9	North/South	1.131 $\mu$ V/Count
	1716MA	East/West	1.137 $\mu$ V/Count

#### CAL SIGNAL MONITOR

1716X2 / 1716C2 3.204  $\mu$ V/Count

*also used for DPG as X6.*

#### GPS RECEIVER

PWM: 8000 Counts  
 At Temperature Reading: 23°C

#### POWER CONSUMPTION

Digitiser Power Consumption  
 GPS Power Consumption

80mA @ 12v  
 28mA @ 12v