

Reggie BSL STD

CMG-3 ESP CALIBRATION SHEET

1.02 sec - 50 Hz

WORKS ORDER: 0074

DATE: 08.07.92

SERIAL NUMBER: T393

TESTED BY: CJP

	Velocity Output V/m/s (Differential)	Mass Position Output (Acceleration output) V/m/s ²	Feedback Coil Constant Amp/m/s ²
VERTICAL	3012	3601	0.03350
NORTH/SOUTH	2889	3599	0.03849
EAST/WEST	3193	3601	0.03705

Power Consumption:

Effective Feedback Resistor:

DM24 CALIBRATION

WORKS ORDER: DEMO

SERIAL NUMBER: D0531

SYSTEM ID: WODEMO
UNIT ID: D531
OUTPUT DATA FORMAT: GCF
BAUD RATE: 9600

DSP SOFTWARE: ALLDSP24.HEX
H8 SOFTWARE: DM90111.HEX

VELOCITY CHANNELS

Sample Rate: 100 samples/sec

Channel:	D531Z2	Vertical	1.269 μ V/Bit	M/S/Bit
	D531N2	North/South	1.270 μ V/Bit	M/S/Bit
	D531E2	East/West	1.274 μ V/Bit	M/S/Bit

MASS POSITION CHANNELS

Sample Rate: 4 samples/sec

Channel:	D531M8	Vertical	349.40 μ V/Bit	M/S ² /Bit
	D531M9	North/South	349.33 μ V/Bit	M/S ² /Bit
	D531MA	East/West	348.48 μ V/Bit	M/S ² /Bit

TEMPERATURE

Sample Rate: 4 samples/sec
Temperature Range: 233 - 373 Kelvin
Accuracy: \pm 5%
Channel: D531ME 1.66E-02 mK/Bit

CAL SIGNAL MONITOR

Sample Rate: 4 samples/sec
Channel: D531MB 334.22 μ V/Bit

GPS RECEIVER

PWM: Counts
At Temperature Reading: 23°C

POWER CONSUMPTION

Digitiser Power Consumption
GPS Power Consumption

120mA @ 12v
95mA @ 12v

**DM24 CALIBRATION
AUXILLRAY CHANNELS**

WORKS ORDER:

DEMO

SERIAL NUMBER:

D0531

CHANNEL	$\mu\text{V}/\text{Bit}$
D531M0	321.94 $\mu\text{V}/\text{Bit}$
D531M1	322.60 $\mu\text{V}/\text{Bit}$
D531M2	325.08 $\mu\text{V}/\text{Bit}$
D531M3	322.38 $\mu\text{V}/\text{Bit}$
D531M4	324.38 $\mu\text{V}/\text{Bit}$
D531M5	324.60 $\mu\text{V}/\text{Bit}$
D531M6	323.19 $\mu\text{V}/\text{Bit}$
D531M7	324.21 $\mu\text{V}/\text{Bit}$

N.B Range +/- 10 Volts (maximum input)