

**DC Drive
Configuration Template
MBARI 5580CFG-1.00**

M B A R I



Board Serial Number:_____ **Board Revision Number:**_____

Date_____ **Engineer** _____ **Technician** _____

Application for this configuration _____

Motor Power Supply: Voltage_____ **Current (peak)** _____

Module Power Supply: Voltage_____ **Source, J1 jump W2 1-2 <or> J3 jump W2 2-3**

Local Regulation: Yes, W1 1-2 and W3 2-3 <or> No, W1 open and W3 1-2

PWM input: Active Hi W4 1-2 <or> Active Lo W4 2-3

Direction Input: “A” output follows input, W5 1-2 <or> “B” output follows input, W5 2-3

Feedback Pot configuration: 2 wire W6 2-3, W7 2-3 <or> 3 wire W6 1-2, W7 1-2

Feedback amp non standard comp values..? R27_____ **R29**_____ **R30**_____ **R31**_____

TP2 output: _____ **Volts at** _____ **Ohms**

Overcurrent detector setup: Gain at TP3_____ **Amps/Volt R28**_____ **R3**_____ **R4**_____

Overcurrent detector time constant: _____ **R17**_____ **C4**_____

Set Overcurrent trip to: _____ **Amps**

Filtered current output: Gain at TP4_____ **Amps/Volt Rolloff (3db)**_____ **Hz**

R24_____ **R25**_____ **C9**_____

Transient Supressor D4: _____ **Volts, Part Number**_____

Connector types: J1_____ **J2**_____

J3_____ **J4**_____ **J5**_____

Notes:

END

