



N2K/DVOM Meter Readings

Static Measurements, Power "OFF"

		<u>Expected Range</u>
Network Resistance Net-H/Net-L	_____ Ohms	60 Ohm
Shield/ DC Negative Resistance	_____ Ohms	< 0.5 Ohms

* Confirm that Shield & DC Negative are only connected at power insertion (one point)

Dynamic Measurements, Power "ON"

<u>Mode</u>		<u>Expected Range</u>
1 Auto Search	😊	
2 Bus Errors	_____ ERR/SEC	Zero Errors
3 Bus Traffic	_____ %	35% Max
4 Bus Voltage	_____ VDC	> 9.8V @ Ends
5 Shield Voltage	_____ VDC	0.2V
6 Common Mode Voltage (CMV)	_____ VDC	< 2.5V
7 NET H/L Differential Voltage "R" State	_____ VDC	0.0V
8 NET H/L Differential Voltage "D" State	_____ VDC	2.0V
9 NET-H Voltage "R" State	_____ VDC	2.5V
10 NET-H Voltage "D" State	_____ VDC	3.5V
11 NET-L Voltage "R" State"	_____ VDC	2.5V
12 NET-L Voltage "D" State	_____ VDC	1.5V

1V Diff R-D

1V Diff R-D

Vessel Name: _____

Test Date: _____

Technician: _____

