

BGM3 periodic checks report

herr, vessel: sally ride

Release Date: 2017/01/25 17:34:11 UTC

Sensor: S224

Software version: 1.2

Port/Pier/Berth: marfac san diego

Wind sea: 0 degree: no wave, calm(glassy)

Swell: 0 degree: no swell

Test Point	Value	Min Spec	Max Spec	In Spec
Sensor TP 1	30.01	29	31	OK
Sensor TP 2	27.66	26	28	OK
Sensor TP 3	18.12	18.5	19.5	OUT
Sensor TP 4	17.98	17.1	18.9	OK
Sensor TP 5	14.99	14.2	15.8	OK
Sensor TP 6	-15	-15.8	-14.2	OK
Sensor TP 7	0	-100	100	OK
Sensor TP 8	4.99	4.75	5.25	OK
Sensor TP 9	14.23	0	15	OK
Sensor TP 10	18.4	17.1	18.9	OK
Sensor TP 11	6.43	6	6.8	OK
Sensor TP 12	0	-2	2	OK
Sensor TP 13	0	0	15	OK
Sensor TP 14	-18.68	-18.9	-17.1	OK
Sensor TP 15	-6.9	-7.4	-6.6	OK
Sensor TP 16	0	-0.001	0.001	OK

Table 1: Sensor test points

Test Point	Value	Min Spec	Max Spec	In Spec
Control Power Supply TP 1	14.74	14	16	OK
Control Power Supply TP 2	10.16	9	11	OK
Control Power Supply TP 3	1.02	0.9	1.1	OK
Control Power Supply TP 4	0.01	-1	1	OK
Control Power Supply TP 5	0.02	-1	1	OK
Control Power Supply TP 6	1.93	-3	3	OK
Control Power Supply TP 7	-2.57	-3	3	OK
Control Power Supply TP 8	0.03	-0.2	0.2	OK
Control Power Supply TP 9	0.03	-0.2	0.2	OK

Table 2: CPS test points

Observation	Value
Max accel oven	99.99
Accel oven cycling	Yes
Max prc oven	40
Prc oven cycling	Yes
Max bptc oven	0.7
Bptc oven cycling	Yes
Battery volt	27
Elex volt	28.5
Elex current	0.18
Charge current	0.1

Table 3: Observations