

Pressure Calibration Report

STS/ODF Calibration Facility

SENSOR SERIAL NUMBER: 0128

CALIBRATION DATE: 22-JUL-2015

Mfg: BESS Model: MOCP CTD Prs s/n: 0128

A0= -1.829930E+2

A1= -1.550698E-3

B0= 1.044749E-1

B1= -2.151567E-8

C0= -2.380266E-12

C1= -1.344912E-13

Calibration Standard: Mfg: FLUKE Model: P3125 s/n: 70856

RP=Raw Pressure Tp=Pressure sensor Temperature

A=A1*Tp+A0; B=B1*Tp+B0; C=C1*Tp+C0; Pressure=A+B*RP+C*RP^2;

Sensor Output	Standard	Sensor New Coefs	Std-Sensor Prev Coefs	Std-Sensor NEW Coefs	Sensor_Temp	Bath_Temp
1778.500	0.33	-0.09	1.45	0.42	1827.25	6.99
5610.750	400.38	400.10	1.18	0.28	1845.00	6.99
9442.250	800.42	800.18	1.03	0.23	1868.75	6.99
13273.500	1200.44	1200.26	0.91	0.19	1879.00	6.99
17103.750	1600.48	1600.22	0.92	0.26	1888.00	6.99
22849.500	2200.53	2200.19	0.96	0.34	1898.00	6.99
26680.250	2600.56	2600.19	0.99	0.37	1904.00	6.99
32427.000	3200.61	3200.24	1.04	0.37	1912.00	6.99
36260.750	3600.63	3600.54	0.83	0.10	1915.25	6.99
42010.250	4200.66	4200.84	0.69	-0.18	1922.25	6.99
49668.250	5000.69	5000.38	1.45	0.31	1932.00	6.99
42010.750	4200.66	4200.90	0.64	-0.24	1921.50	6.99
36264.500	3600.64	3600.92	0.45	-0.29	1918.00	6.99
32434.000	3200.62	3200.96	0.33	-0.35	1916.00	6.99
26687.250	2600.57	2600.90	0.29	-0.34	1913.00	6.99
22856.500	2200.54	2200.89	0.26	-0.36	1913.25	6.99
17112.000	1600.48	1601.03	0.11	-0.55	1913.00	6.99
13280.750	1200.45	1200.95	0.21	-0.51	1914.00	6.99
9451.000	800.42	801.02	0.20	-0.60	1914.00	6.99
5620.000	400.38	400.95	0.33	-0.57	1914.00	6.99
1761.250	0.33	0.06	1.32	0.27	599.00	0.29
5590.250	400.38	400.03	1.29	0.34	605.00	0.29
9418.250	800.42	799.91	1.38	0.52	607.00	0.29
13250.750	1200.45	1200.25	1.00	0.20	608.00	0.29
17074.750	1600.49	1599.70	1.54	0.79	609.00	0.29
22818.000	2200.54	2199.62	1.63	0.92	613.00	0.29
26648.500	2600.57	2599.75	1.54	0.83	612.00	0.29

Sensor Output	Standard	Sensor New Coefs	Std-Sensor Prev Coefs	Std-Sensor NEW Coefs	Sensor_Temp	Bath_Temp
32397.250	3200.62	3200.24	1.14	0.39	614.00	0.29
36224.000	3600.65	3599.96	1.48	0.68	613.00	0.29
41977.000	4200.67	4200.89	0.69	-0.22	615.00	0.29
49635.250	5000.70	5000.83	0.99	-0.13	612.00	0.29
41976.500	4200.67	4200.87	0.71	-0.20	602.00	0.29
36226.500	3600.65	3600.27	1.18	0.38	597.00	0.29
32401.500	3200.62	3200.73	0.65	-0.10	594.00	0.29
26657.250	2600.57	2600.71	0.58	-0.14	590.00	0.29
22829.250	2200.54	2200.84	0.41	-0.30	590.00	0.29
17086.500	1600.49	1600.97	0.26	-0.48	585.00	0.29
13259.750	1200.45	1201.23	0.01	-0.78	584.00	0.29
9424.500	800.42	800.60	0.68	-0.18	582.00	0.29
5595.750	400.38	400.65	0.67	-0.27	581.00	0.29
1814.000	0.33	0.38	0.95	-0.06	3862.00	16.50
5644.500	400.37	400.23	0.98	0.14	3867.25	16.50
9475.500	800.40	800.12	0.99	0.28	3871.00	16.50
13309.500	1200.42	1200.31	0.72	0.12	3873.25	16.50
17144.750	1600.45	1600.61	0.37	-0.16	3874.00	16.50
22892.750	2200.49	2200.53	0.45	-0.04	3876.00	16.50
26726.250	2600.51	2600.61	0.40	-0.10	3878.00	16.50
32477.250	3200.55	3200.78	0.33	-0.23	3879.25	16.50
36310.250	3600.57	3600.78	0.43	-0.21	3880.00	16.50
42059.750	4200.58	4200.74	0.67	-0.16	3881.00	16.50
36311.250	3600.57	3600.91	0.31	-0.34	3870.00	16.50
32480.750	3200.55	3201.18	-0.07	-0.63	3865.00	16.50
26729.500	2600.51	2600.99	0.02	-0.48	3859.00	16.50
22899.500	2200.49	2201.27	-0.30	-0.78	3857.00	16.50
17146.750	1600.45	1600.86	0.12	-0.41	3853.00	16.50
13314.000	1200.42	1200.82	0.21	-0.39	3852.00	16.50
9482.000	800.40	800.84	0.28	-0.43	3849.25	16.50
5649.000	400.37	400.74	0.47	-0.37	3847.00	16.50
1843.750	0.33	0.25	1.06	0.08	5901.00	27.00
5676.250	400.37	400.12	1.03	0.25	5912.00	27.00
9509.500	800.41	800.05	0.97	0.36	5919.50	27.00
13343.750	1200.43	1200.06	0.86	0.37	5926.00	27.00
17178.500	1600.46	1600.10	0.76	0.36	5932.00	27.00
22930.250	2200.50	2200.08	0.77	0.42	5939.25	27.00
26767.500	2600.53	2600.33	0.56	0.20	5942.00	27.00
32518.750	3200.57	3200.16	0.85	0.41	5948.25	27.00
36353.750	3600.59	3600.12	1.02	0.47	5950.00	27.00
32520.250	3200.57	3200.33	0.68	0.24	5944.00	27.00
26769.500	2600.53	2600.55	0.34	-0.02	5937.25	27.00
22933.000	2200.50	2200.37	0.47	0.13	5936.00	27.00
17181.500	1600.46	1600.41	0.45	0.05	5931.50	27.00
13347.750	1200.43	1200.47	0.45	-0.04	5932.00	27.00
9514.500	800.41	800.55	0.47	-0.14	5932.00	27.00

Sensor Output	Standard	Sensor New Coefs	Std-Sensor Prev Coefs	Std-Sensor NEW Coefs	Sensor_Temp	Bath_Temp
5680.500	400.37	400.53	0.62	-0.16	5931.00	27.00
1846.000	0.33	0.43	0.87	-0.11	5930.00	27.00

