

Pressure Calibration Report

STS/ODF Calibration Facility

SENSOR SERIAL NUMBER: 0381

CALIBRATION DATE: 11-FEB-2016

Mfg: SEABIRD Model: 09P CTD Prs s/n: 58952

C1= -5.135991E+4

C2= 5.721624E-2

C3= 1.734992E-2

D1= 4.295954E-2

D2= 0.000000E+0

T1= 3.002161E+1

T2= -3.014548E-4

T3= 4.026456E-6

T4= 2.569452E-9

T5= 0.000000E+0

AD590M= 1.14700E-2

AD590B= -8.55248E+0

Slope = 1.00000000E+0

Offset = 0.00000000E+0

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

$t0 = t1 + t2 * td + t3 * td * td + t4 * td * td * td$

$w = 1 - t0 * t0 * f * f$

$Pressure = (0.6894759 * ((c1 + c2 * td + c3 * td * td) * w * (1 - (d1 + d2 * td) * w) - 14.7)$

Sensor Output	Standard	Sensor New_Coefs	Standard-Sensor Prev Coefs	Standard-Sensor NEW Coefs	Sensor_Temp	Bath_Temp
33320.008	0.23	0.16	0.10	0.07	28.34	26.995
33600.980	600.29	600.34	-0.03	-0.05	28.35	26.995
33879.122	1200.33	1200.30	0.04	0.03	28.36	26.996
34063.107	1600.36	1600.36	0.00	-0.01	28.37	26.995
34336.872	2200.39	2200.38	0.02	0.01	28.38	26.996
34517.955	2600.39	2600.39	0.01	0.01	28.38	26.995
34787.510	3200.41	3200.44	-0.02	-0.03	28.39	26.995
35231.316	4200.43	4200.46	-0.01	-0.02	28.40	26.995
34787.506	3200.44	3200.42	0.02	0.02	28.40	26.995
34517.957	2600.42	2600.39	0.04	0.03	28.41	26.995
34336.875	2200.40	2200.38	0.03	0.02	28.41	26.995
34063.118	1600.36	1600.38	-0.01	-0.02	28.42	26.995
33879.154	1200.33	1200.36	-0.01	-0.03	28.43	26.995
33600.981	600.28	600.32	-0.02	-0.04	28.43	26.995
33318.707	0.23	0.08	0.18	0.15	18.03	16.490
33599.666	600.29	600.36	-0.05	-0.07	18.04	16.489
33877.778	1200.32	1200.39	-0.07	-0.07	18.04	16.489

Sensor Output	Standard	Sensor New_Coefs	Standard-Sensor Prev Coefs	Standard-Sensor NEW Coefs	Sensor_Temp	Bath_Temp
34061.698	1600.34	1600.39	-0.06	-0.06	18.04	16.489
34335.406	2200.36	2200.41	-0.07	-0.05	18.04	16.489
34516.424	2600.40	2600.36	0.02	0.04	18.04	16.489
34785.925	3200.45	3200.41	0.01	0.04	18.04	16.489
35229.616	4200.49	4200.37	0.07	0.11	18.05	16.489
35666.834	5200.52	5200.53	-0.05	-0.01	18.05	16.489
35229.655	4200.46	4200.47	-0.04	-0.00	18.04	16.489
34785.948	3200.42	3200.46	-0.07	-0.04	18.04	16.489
34516.443	2600.38	2600.40	-0.04	-0.02	18.04	16.489
34335.395	2200.37	2200.39	-0.04	-0.02	18.03	16.489
34061.670	1600.35	1600.34	0.00	0.01	18.02	16.489
33877.758	1200.33	1200.35	-0.02	-0.02	18.02	16.489
33599.644	600.29	600.31	-0.01	-0.02	18.02	16.489
33316.570	0.23	0.06	0.27	0.18	8.19	6.483
33597.498	600.28	600.36	0.00	-0.08	8.19	6.483
33875.551	1200.32	1200.37	0.02	-0.05	8.18	6.482
34059.430	1600.34	1600.35	0.05	-0.01	8.18	6.483
34333.105	2200.38	2200.40	0.03	-0.02	8.17	6.483
34514.100	2600.38	2600.35	0.07	0.03	8.17	6.482
34783.530	3200.39	3200.35	0.08	0.05	8.16	6.483
35227.184	4200.39	4200.39	0.02	-0.01	8.16	6.482
35664.272	5200.42	5200.40	0.03	0.02	8.16	6.482
36095.109	6200.42	6200.55	-0.11	-0.13	8.15	6.483
35664.282	5200.45	5200.44	0.02	0.01	8.14	6.483
35227.157	4200.44	4200.35	0.11	0.09	8.13	6.483
34783.525	3200.43	3200.36	0.10	0.07	8.12	6.483
34514.078	2600.39	2600.34	0.09	0.05	8.11	6.483
34333.086	2200.36	2200.39	0.02	-0.03	8.11	6.483
34059.425	1600.32	1600.38	0.00	-0.06	8.11	6.483
33875.529	1200.30	1200.36	0.00	-0.06	8.10	6.482
33597.460	600.28	600.33	0.03	-0.05	8.10	6.483
33314.156	0.23	0.07	0.26	0.17	0.06	-1.517
33595.062	600.29	600.39	-0.02	-0.10	0.06	-1.518
33873.096	1200.31	1200.41	-0.03	-0.10	0.06	-1.518
34056.963	1600.33	1600.41	-0.01	-0.07	0.06	-1.518
34330.592	2200.38	2200.41	0.02	-0.03	0.06	-1.518
34511.579	2600.40	2600.39	0.06	0.01	0.06	-1.518
34780.970	3200.44	3200.35	0.13	0.09	0.06	-1.518
35224.579	4200.47	4200.40	0.10	0.07	0.06	-1.518
35661.616	5200.48	5200.39	0.12	0.09	0.06	-1.518
36092.383	6200.41	6200.47	-0.03	-0.06	0.06	-1.518
36432.582	7000.40	7000.47	-0.03	-0.07	0.06	-1.518
36092.386	6200.45	6200.48	0.00	-0.03	0.06	-1.518
35661.615	5200.46	5200.40	0.09	0.06	0.05	-1.518
35224.571	4200.46	4200.39	0.10	0.07	0.05	-1.518

Sensor Output	Standard	Sensor New_Coefs	Standard-Sensor Prev Coefs	Standard-Sensor NEW Coefs	Sensor_Temp	Bath_Temp
34780.980	3200.45	3200.38	0.10	0.06	0.05	-1.518
34511.585	2600.41	2600.42	0.04	-0.01	0.04	-1.518
34330.587	2200.38	2200.41	0.02	-0.04	0.04	-1.518
34056.969	1600.33	1600.44	-0.04	-0.10	0.04	-1.517
33873.106	1200.31	1200.45	-0.06	-0.13	0.04	-1.518
33595.044	600.29	600.37	0.00	-0.08	0.04	-1.518
33314.135	0.23	0.04	0.29	0.20	0.04	-1.518

