SEA-BIRD ELECTRONICS, INC.

NE 20th Street, Bellevue, Washington, 98005-201

one: (425) 643 - 9866 Fax (425) 643 - 9954 Email: seabird@seabird.c

SENSOR SERIAL NUMBER: 1810
CALIBRATION DATE: 19-Aug-11

COEFFICIENTS:

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g = -9.825810e-001
h =  1.367683e-001
i = -2.603362e-004
j =  4.306551e-005
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BATH TEMP (ITS-90)	BATH SAL (PSU)	BATH COND (Siemens/m)	INST F (Hz)
22.0000	0.0000	0.00000	2684
1.0000	34.9919	2.98954	5392
4.4999	34.9715	3.29791	5596
15.0000	34.9279	4.28385	6204
18.5000	34.9186	4.63047	6403
24.0000	34.9080	5.19075	6713
29.0000	34.9006	5.71457	6990
32.5000	34.8942	6.08803	7180

f = INST FREQ * sqrt(1.0 + WBOTC * t) / 1000.0

Conductivity = $(g + hf^2 + if^3 + jf^4) / (1 + \delta t + \varepsilon p)$ Siemens

t = temperature[°C)]; p = pressure[decibars]; δ = CTcor; ε

Residual = instrument conductivity - bath conductivity