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SENSOR SERIAL NUMBER: 16565
CALIBRATION DATE: 12-Mar-25

SBE 37 V2 CONDUCTIVITY CALIBRATION DATA
PSS 1978: C(35,15,0) = 4.2914 Siemens/meter

COEFFICIENTS:

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g = -9.827859e-001
h =  1.332709e-001
i = -5.080515e-005
j =  2.361524e-005

CPcor = -9.5700e-008
CTcor =  3.2500e-006
WBOTC =  0.0000e+000
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BATH TEMP (° C)	BATH SAL (PSU)	BATH COND (S/m)	INSTRUMENT OUTPUT (Hz)	INSTRUMENT COND (S/m)	RESIDUAL (S/m)
22.0000	0.0000	0.00000	2715.21	0.00000	0.00000
0.9999	34.5773	2.95747	5428.90	2.95748	0.00001
4.4999	34.5584	3.26277	5634.40	3.26276	-0.00002
14.9999	34.5201	4.23909	6245.57	4.23909	-0.00001
18.5000	34.5122	4.58236	6446.42	4.58236	0.00000
24.0000	34.5042	5.13731	6758.20	5.13732	0.00001
29.0000	34.5006	5.65640	7037.01	5.65639	-0.00001
32.5003	34.4991	6.02693	7228.99	6.02638	-0.00055

f = Instrument Output(Hz) * sqrt(1.0 + WBOTC * t) / 1000.0

t = temperature (°C); p = pressure (decibars); δ = CTcor; ε = CPcor;

Conductivity (S/m) = $(g + h * f^2 + i * f^3 + j * f^4) / (1 + \delta * t + \varepsilon * p)$

Residual (Siemens/meter) = instrument conductivity - bath conductivity