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SENSOR SERIAL NUMBER: 0655
CALIBRATION DATE: 06-Oct-17

SBE 16 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:
g = 4.17163057e-003
h = 5.85534259e-004
i = 1.75486539e-006
j = -2.20091405e-006
f0 = 1000.0

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
1.0000	2459.749	0.9998	-0.00025
4.5000	2664.053	4.5004	0.00044
14.9999	3348.696	14.9996	-0.00028
18.5000	3602.117	18.4998	-0.00021
23.9999	4027.152	24.0002	0.00025
29.0000	4442.982	29.0003	0.00030
32.4999	4751.263	32.4996	-0.00026

f = Instrument Output (Hz)

Temperature ITS-90 (°C) = $1/\{g + h[ln(f0 / f)] + i[ln^2(f0 / f)] + j[ln^3(f0 / f)]\}$ - 273.15

Residual (°C) = instrument temperature - bath temperature

Date, Offset (mdeg C)
● 11-Mar-15 -1.69
▲ 06-Oct-17 -0.00

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