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SENSOR SERIAL NUMBER: 6310
CALIBRATION DATE: 29-May-26

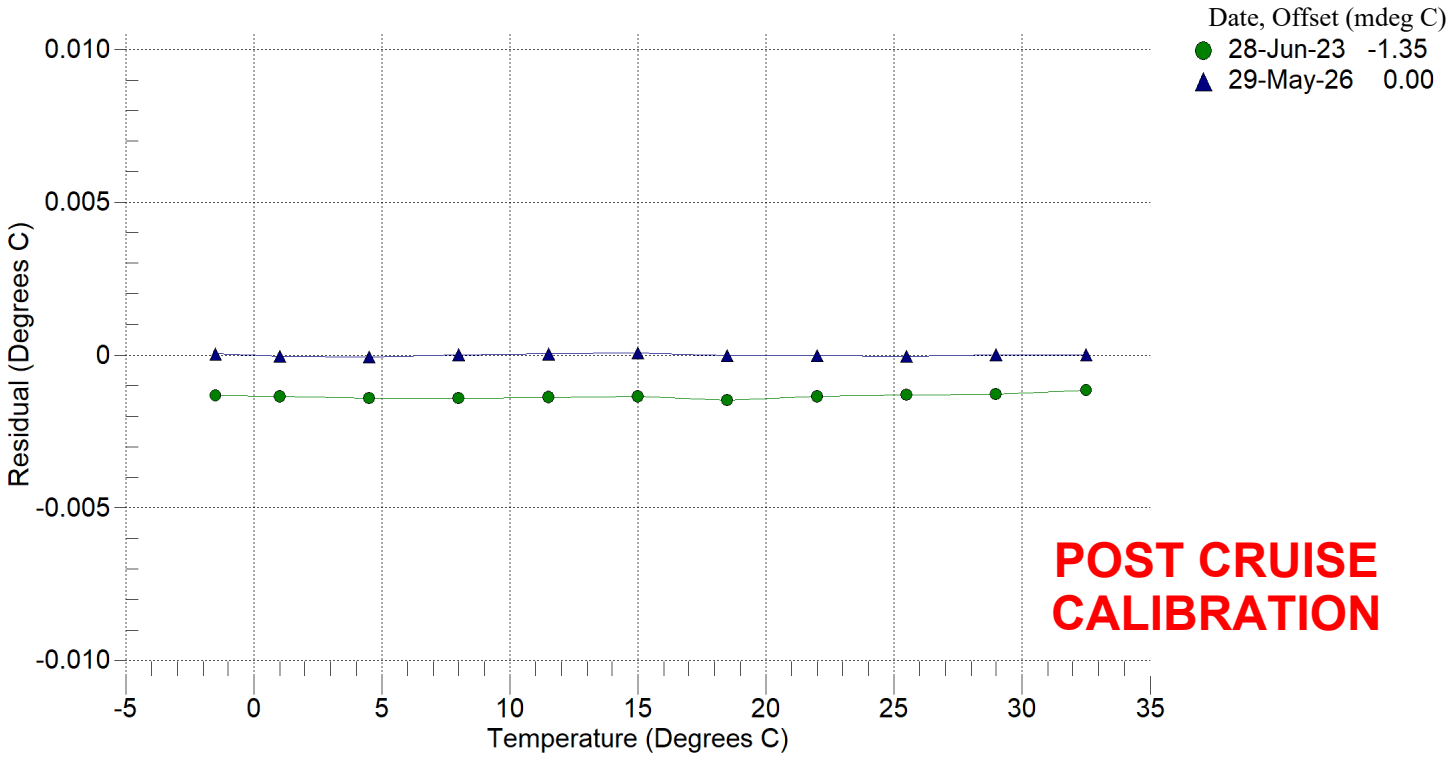
SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

```
g =  4.41072301e-03
h =  6.43820802e-04
i =  2.33901660e-05
j =  2.19847623e-06
f0 =  1000.0
```

BATH TEMP (° C)	INSTRUMENT OUTPUT (Hz)	INST TEMP (° C)	RESIDUAL (° C)
-1.5000	3247.652	-1.5000	0.00004
1.0000	3435.495	1.0000	-0.00003
4.5000	3711.531	4.4999	-0.00006
8.0000	4003.193	8.0000	0.00001
11.5000	4310.895	11.5000	0.00004
15.0000	4635.050	15.0001	0.00005
18.5000	4976.051	18.5000	-0.00001
22.0000	5334.297	22.0000	-0.00001
25.5000	5710.150	25.5000	-0.00005
29.0000	6103.981	29.0000	0.00000
32.5000	6516.120	32.5000	0.00002

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