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SENSOR SERIAL NUMBER: 4551
CALIBRATION DATE: 28-May-26

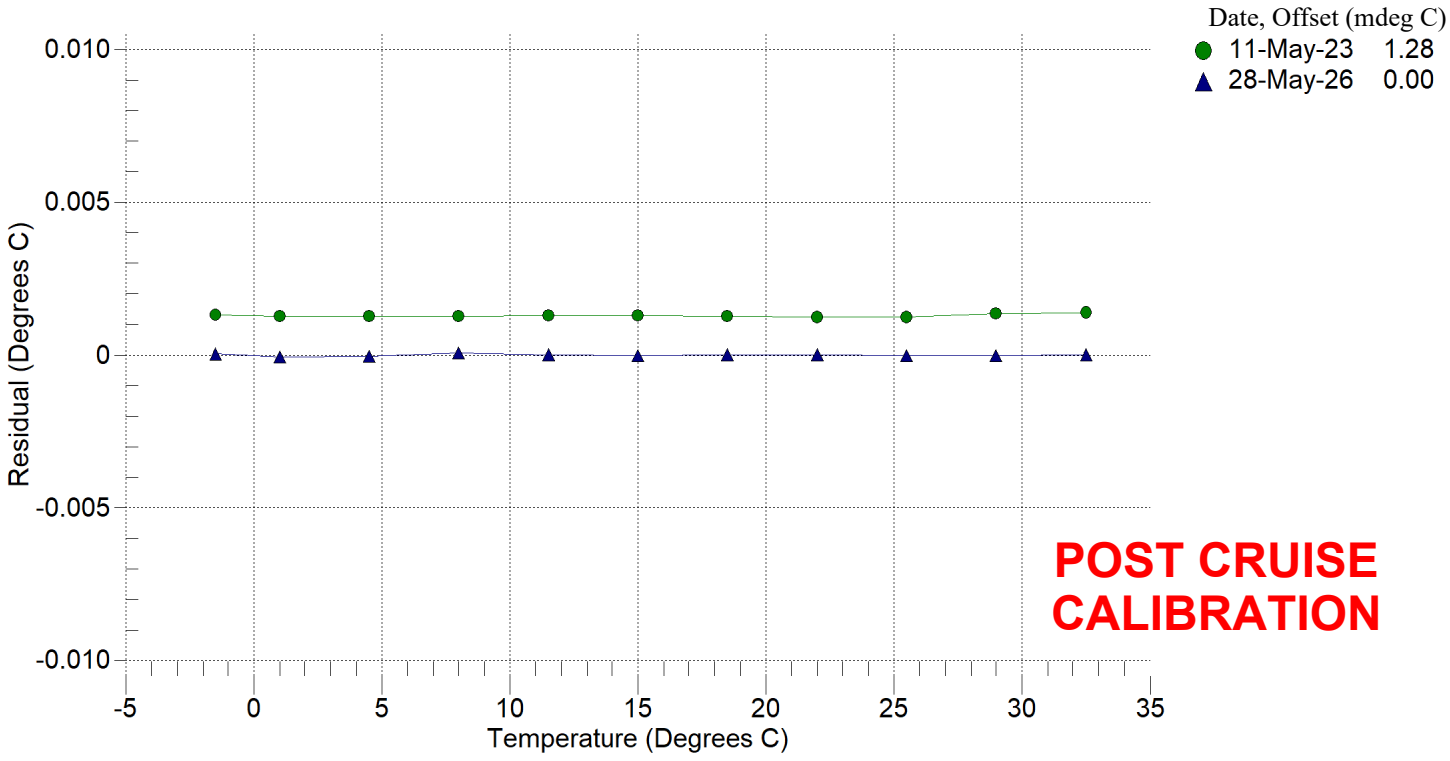
SBE 3 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

```
g =  4.35643789e-03
h =  6.36921856e-04
i =  2.21979320e-05
j =  2.08118675e-06
f0 =  1000.0
```

| BATH TEMP (° C) | INSTRUMENT OUTPUT (Hz) | INST TEMP (° C) | RESIDUAL (° C) |
|---|---|---|---|
| -1.5000 | 2997.649 | -1.5000 | 0.00004 |
| 1.0000 | 3171.674 | 0.9999 | -0.00006 |
| 4.5000 | 3427.464 | 4.5000 | -0.00003 |
| 8.0000 | 3697.796 | 8.0001 | 0.00005 |
| 11.5000 | 3983.054 | 11.5000 | 0.00000 |
| 15.0000 | 4283.640 | 15.0000 | -0.00001 |
| 18.5000 | 4599.930 | 18.5000 | 0.00000 |
| 22.0000 | 4932.287 | 22.0000 | 0.00002 |
| 25.5000 | 5281.058 | 25.5000 | -0.00002 |
| 29.0000 | 5646.590 | 29.0000 | -0.00002 |
| 32.5000 | 6029.211 | 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