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SENSOR SERIAL NUMBER: 1573
CALIBRATION DATE: 21-Dec-20

SBE 18 pH CALIBRATION DATA

pH COEFFICIENTS:

pHslope = 4.6240
pHoffset = 2.5420

pH BUFFER	TEMPERATURE (°C)	INSTRUMENT OUTPUT (volts)	COMPUTED pH	RESIDUAL (pH)
4.0	21.5	1.730	3.996	-0.004
7.0	21.5	2.544	7.007	0.007
10.0	21.5	3.352	9.996	-0.004

Vout = Instrument pH sensor output in volts

$$\text{pH} = 7.0 + (\text{Vout} - \text{pHoffset}) / (\text{pHslope} * ^\circ\text{K} * 1.98416\text{E-}4)$$

Residual (pH) = instrument pH - buffer pH

