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SENSOR SERIAL NUMBER: 1410
CALIBRATION DATE: 09-Jan-23

SBE 18 pH CALIBRATION DATA

pH COEFFICIENTS:
pHslope = 4.6724
pHoffset = 2.5343

pH BUFFER	TEMPERATURE (°C)	INSTRUMENT OUTPUT (volts)	COMPUTED pH	RESIDUAL (pH)
4.0	21.5	1.713	3.993	-0.007
7.0	21.5	2.538	7.013	0.013
10.0	21.5	3.352	9.993	-0.007

Vout = Instrument pH sensor output in volts

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

Residual (pH) = instrument pH - buffer pH

