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SENSOR SERIAL NUMBER: 1401  
CALIBRATION DATE: 26-Feb-20

SBE 18 pH CALIBRATION DATA

pH COEFFICIENTS:

pHslope = 4.6491  
pHoffset = 2.5100

pH BUFFER	TEMPERATURE (°C)	INSTRUMENT OUTPUT (volts)	COMPUTED pH	RESIDUAL (pH)
4.0	22.8	1.688	3.989	-0.011
7.0	22.8	2.516	7.022	0.022
10.0	22.8	3.326	9.989	-0.011

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

