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SENSOR SERIAL NUMBER: 1401  
CALIBRATION DATE: 28-Mar-23

SBE 18 pH CALIBRATION DATA

pH COEFFICIENTS:  
pHslope = 4.6179  
pHoffset = 2.5567

pH BUFFER	TEMPERATURE (°C)	INSTRUMENT OUTPUT (volts)	COMPUTED pH	RESIDUAL (pH)
4.0	20.8	1.745	3.986	-0.014
7.0	20.8	2.564	7.027	0.027
10.0	20.8	3.361	9.986	-0.014

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

