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SENSOR SERIAL NUMBER: 1401
CALIBRATION DATE: 18-Aug-21

SBE 18 pH CALIBRATION DATA

pH COEFFICIENTS:

pHslope = 4.6360
pHoffset = 2.5160

pH BUFFER	TEMPERATURE (°C)	INSTRUMENT OUTPUT (volts)	COMPUTED pH	RESIDUAL (pH)
4.0	24.0	1.697	4.004	0.004
7.0	24.0	2.514	6.993	-0.007
10.0	24.0	3.337	10.004	0.004

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

