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SENSOR SERIAL NUMBER: 1401
CALIBRATION DATE: 10-Mar-23

SBE 18 pH CALIBRATION DATA

pH COEFFICIENTS:

pHslope = 0.4713
pHoffset = 2.6103

pH BUFFER	TEMPERATURE (°C)	INSTRUMENT OUTPUT (volts)	COMPUTED pH	RESIDUAL (pH)
4.0	20.9	2.527	3.970	-0.030
7.0	20.7	2.612	7.061	0.061
10.0	20.7	2.692	9.972	-0.028

Vout = Instrument pH sensor output in volts

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

$$\text{Residual (pH)} = \text{instrument pH} - \text{buffer pH}$$

