

Serial Number: 0002100 Firmware Rev: 6.1.4
Operator: ericrehm
Comment: Initial config for OSU CMS

Ancillary	Value	Setting	Value
Recorded Events	0	Baud Rate	115200
Stored Samples	0	CTD Power	false
Free Samples	883011	Temperature Units	Celsius
Power Supply Voltage	15.5	Pressure Units	Decibar
Main Battery Voltage	12.2	Conductivity Units	S/m
Clock Battery Voltage	3.2	Oxygen Units	ml/L
Isolated Circuit Voltage	5.9	Transmit Data Realtime	true
Clock Time	2024-04-19T22:15:16Z	Sample Interval (seconds)	60
		Pump Time (s)	38

Calibration Coefficients

Sensor	Coefficient	Value
pH	K0	-1.351291
pH	K2	-0.0011173
temperature	A0	-1.907535E-4
temperature	A1	3.136138E-4
temperature	A2	-4.494075E-6
temperature	A3	2.027639E-7
conductivity	G	-1.008414
conductivity	H	0.1412525
conductivity	I	-1.837782E-5
conductivity	J	2.129955E-5
conductivity	PCOR	-9.57E-8
conductivity	TCOR	3.25E-6
conductivity	WBOTC	5.303705E-7
conductivity	Z	0.0
pressure	PA0	0.0412594
pressure	PA1	1.340937E-4
pressure	PA2	-5.523956E-13
pressure	PTCA0	525023.5
pressure	PTCA1	7.395787
pressure	PTCA2	0.284667
pressure	PTCB0	25.08248
pressure	PTCB1	-0.001303258
pressure	PTCB2	0.0
pressure	PTEMPA0	-83.95917
pressure	PTEMPA1	0.04726277
pressure	PTEMPA2	-9.372689E-8
pressure	POFFSET	0.0

Sensor	Coefficient	Value
pressure	PRANGE	44.0
oxygen	TAU20	5.5
oxygen	OXA0	1.0513
oxygen	OXA1	-0.0015
oxygen	OXA2	0.437681
oxygen	OXB0	-0.254329
oxygen	OXB1	1.67168
oxygen	OXC0	0.103941
oxygen	OXC1	0.00443699
oxygen	OXC2	6.13409E-5
oxygen	OXTA0	7.441449E-4
oxygen	OXTA1	2.39927E-4
oxygen	OXTA2	1.77781E-6
oxygen	OXTA3	6.239731E-8
oxygen	OXE	0.011

Setting	Value
Device Type	SBE37SMP-ODO-RS232
Serial Number	03725627
Pressure Installed	true
Output Format	raw decimal
Sample Interval (seconds)	600
Transmit Data Realtime	false
Min Conductivity Frequency (Hz)	3171.1
Adaptive Pump Control	false
Pump Time Multiplier (OxNTau)	7.0
Pump On Time (seconds)	38.5