

Calibration History:	Certificate	Date
	67594	02 July 2021
	73196	12 September 2022
	82114	20 March 2024

20/03/2024 14:40

Instrument Serial Number	77730
Transducer Type, mm	50
Transducer Ser No	176665
PCB Part No	0650505F4
PCB Ser No	1015259
Processor Firmware Version	0650713C6
FPGA Firmware Version	0650714C
Certificate Number	82114

Calibration Equipment used		
Instrument	Type	Serial No
Temp Bridge	Micro K 250	33492/1
PRT	909M	381

As Received Spot Check

	SOS from unit	SOS from Standard	Error
Fresh	1415.224	1414.744	0.480
Saline	#	#	#VALUE!

Stage 1: First order fit

Temp °C90	SoS from Bilaniuk & Wong m/s	Measured ToF nsec*100	Coefficients	Calc SoS from coefficients m/s	Error (Calc - True) m/s	Acceptable Error m/s	Pass/Fail
2.5249	1414.744	7434973	3.836600E+05	1414.744	0.000	±0.001	Pass
15.8202	1468.785	7175532	1.002426E+07	1468.785	0.000	±0.001	Pass

Stage 2: Enter calibration string

#022;10024259;383660

Stage 3: Check point

Temp °C90	Actual SoS m/s	Measured SoS m/s	Error SoS Reading Actual m/s	Acceptable Error m/s	Pass/Fail
15.8201	1468.785	1468.784	-0.001	±0.005	Pass

Name:	L.Bicknell
Date:	19 March 2024
Signature:	