

HydroScat-2 Calibration Certification

Cert Date: May 26, 2012

(Calibration after service)

Serial Number: H2010337

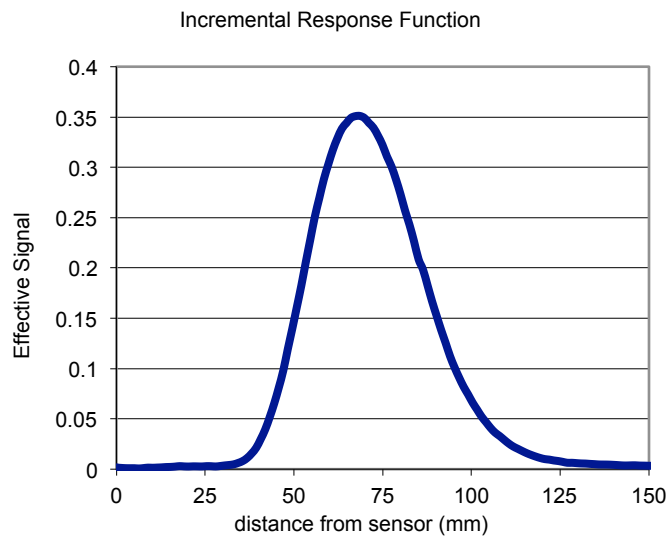
Configuration: W1B1R0F0S0T1I2

Technician: SM

Channel 1: bb420

mu:	24.57
mu Rho:	1.1
SigmaExp:	0.15
TempCoeff:	-0.0028

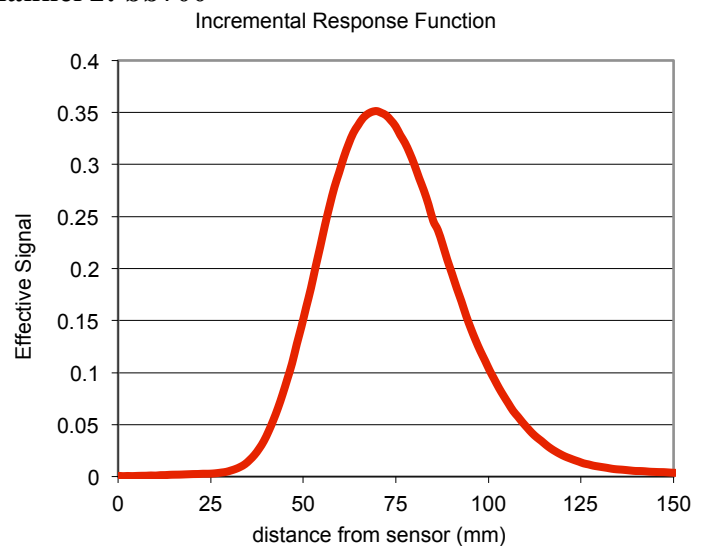
	Gain Factor	Dark Offset
Gain 1:	1.000	23
Gain 2:	9.475	16
Gain 3:	93.013	18
Gain 4:	927.46	15
Gain 5:	9536.6	-5

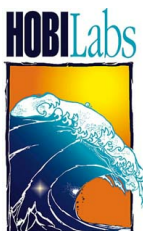


Channel 2: bb700

mu:	22.07
mu Rho:	1.1
SigmaExp:	0.153
TempCoeff:	-0.0008

	Gain Factor	Dark Offset
Gain 1:	1.000	10
Gain 2:	9.510	15
Gain 3:	93.722	16
Gain 4:	935.48	14
Gain 5:	9868.3	13





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Configuration: W1B1R0F0S0T1I2

Depth Calibration

Technician:

SM

Date:

5/26/12

Coefficient:

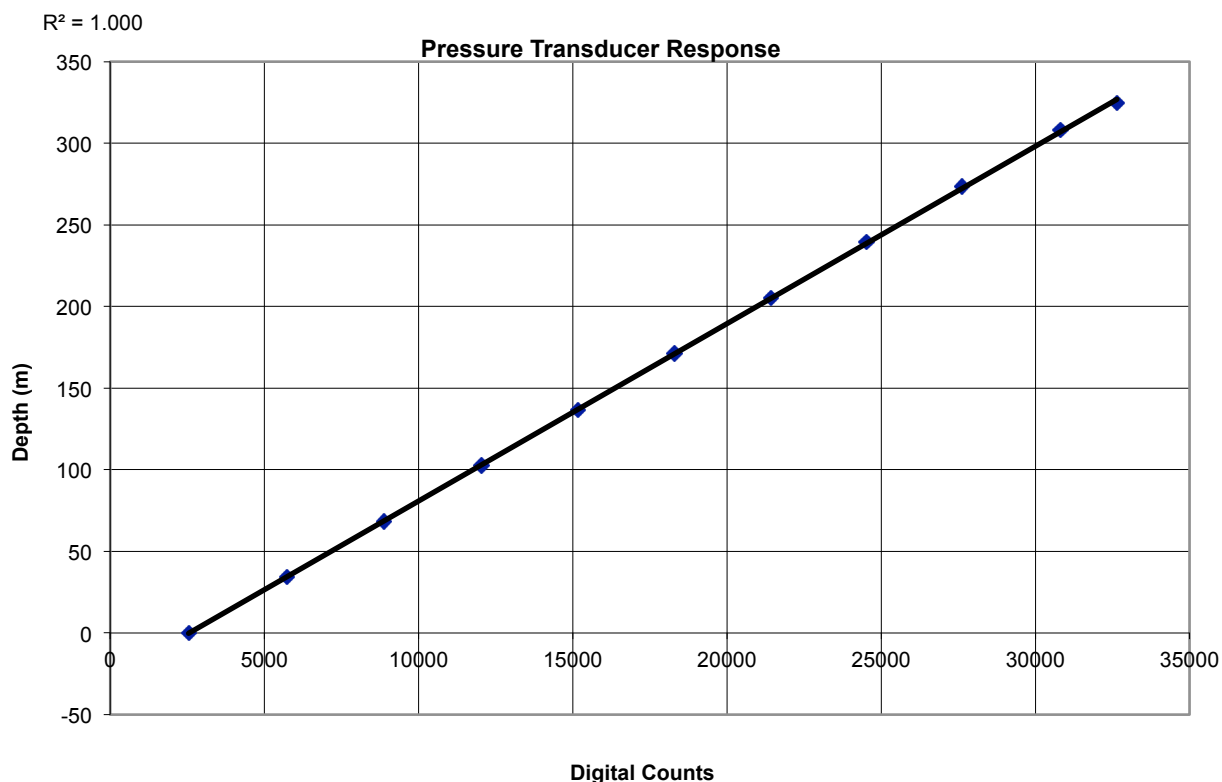
0.0109

meter / count

Offset:

28.0

meters



HOBILabs, Inc. certifies that this instrument was carefully calibrated and thoroughly tested for scientific accuracy and proper operating condition at our facility. The backscattering calibration was performed according to the methodology detailed in "Instruments and methods for measuring the backward-scattering coefficient of ocean waters," *Appl. Opt.*, **36**, 6057-6067, using a NIST-traceable reflectance standard.