

HydroScat-2 Calibration Certification

Cert Date: **March 26, 2011**

Serial Number: **H2010336**

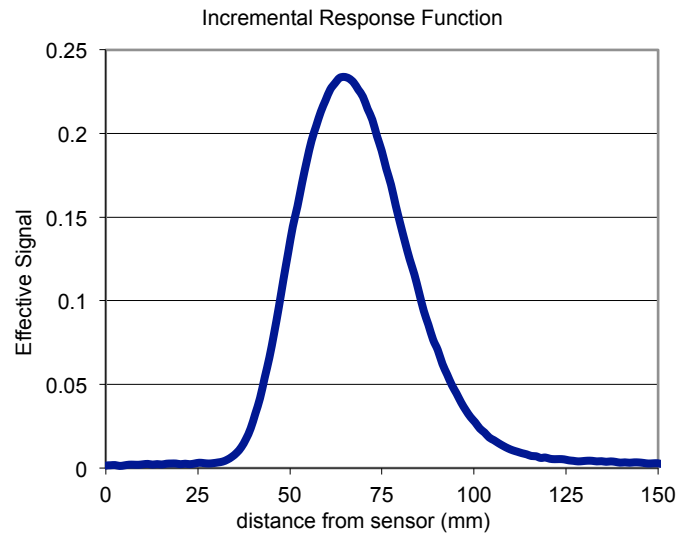
Configuration: **W1B1R0F0S0T1I2**

Technician: **SM**

Channel 1: bb420

mu:	38.36
mu Rho:	1.1
SigmaExp:	0.143
TempCoeff:	-0.00183

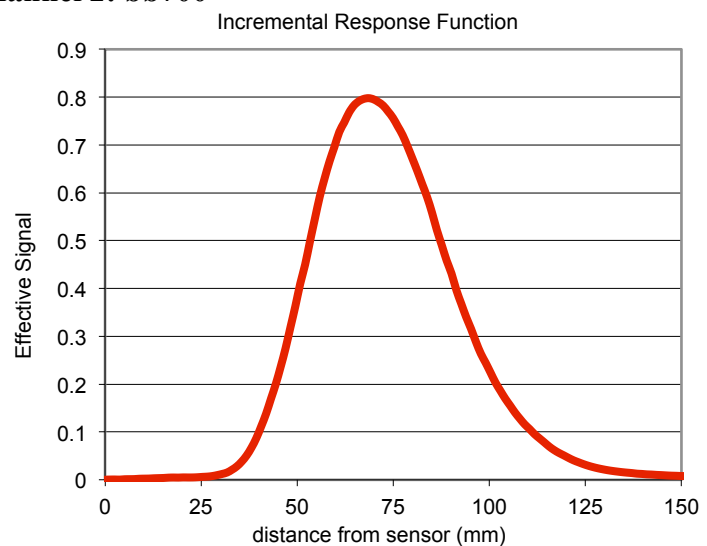
	Gain Factor	Dark Offset
Gain 1:	1.000	29
Gain 2:	9.612	30
Gain 3:	95.862	27
Gain 4:	836.71	29
Gain 5:	9509.4	-14

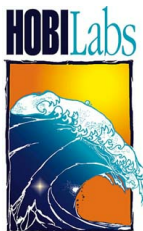


Channel 2: bb700

mu:	9.421
mu Rho:	1.1
SigmaExp:	0.152
TempCoeff:	-0.00183

	Gain Factor	Dark Offset
Gain 1:	1.000	14
Gain 2:	9.517	15
Gain 3:	93.007	16
Gain 4:	922.41	7
Gain 5:	9720.1	8





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Depth Calibration

Technician:

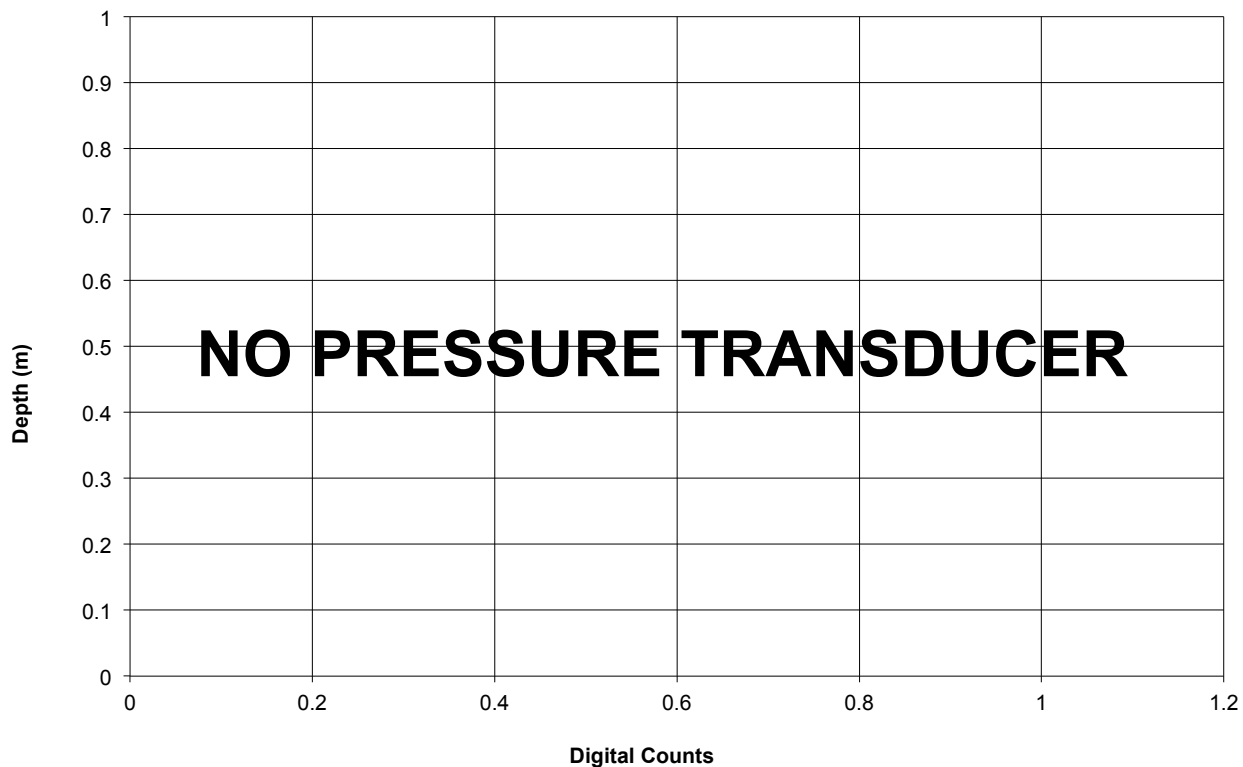
Date:

Coefficient:

meter / count

Offset:

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.