

HydroScat-2 Calibration Certification

Cert Date: **October 13, 2011**

Serial Number: **H2061250**

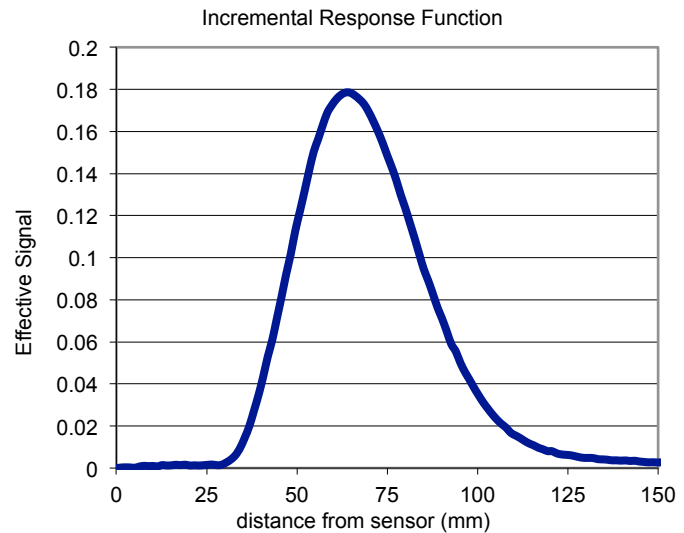
Configuration: **B0S0F1T1**

Technician: **DRD**

Channel 1: bb420

mu:	44.44
mu Rho:	1.1
SigmaExp:	0.145
TempCoeff:	0

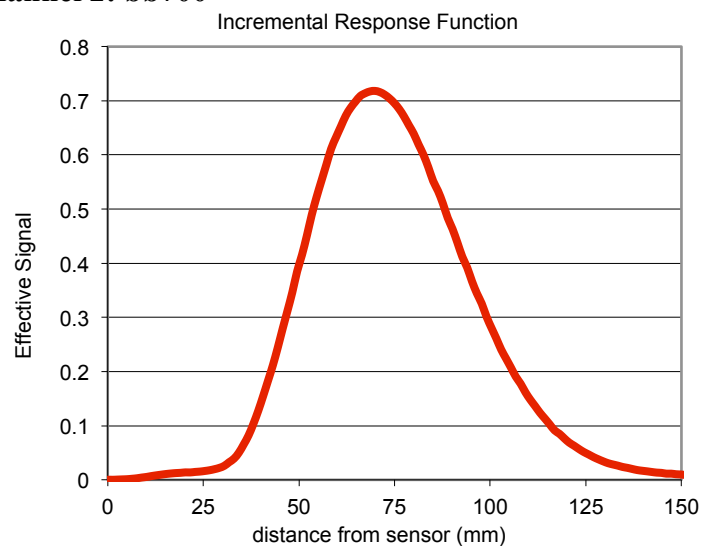
	Gain Factor	Dark Offset
Gain 1:	1.000	13
Gain 2:	9.534	11
Gain 3:	94.396	5
Gain 4:	863.40	-5
Gain 5:	9826.1	-258

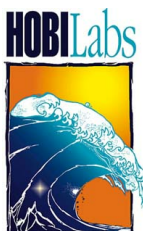


Channel 2: bb700

mu:	9.36
mu Rho:	1.1
SigmaExp:	0.154
TempCoeff:	0

	Gain Factor	Dark Offset
Gain 1:	1.000	6
Gain 2:	9.579	13
Gain 3:	94.787	12
Gain 4:	854.31	12
Gain 5:	8581.6	-398





HydroScat-2 Calibration Certification

Cert Date: **October 13, 2011**

Serial Number: **H2061250**

Configuration: **B0S0F1T1**

Depth Calibration

Technician:

DRD

Date:

10/13/11

Coefficient:

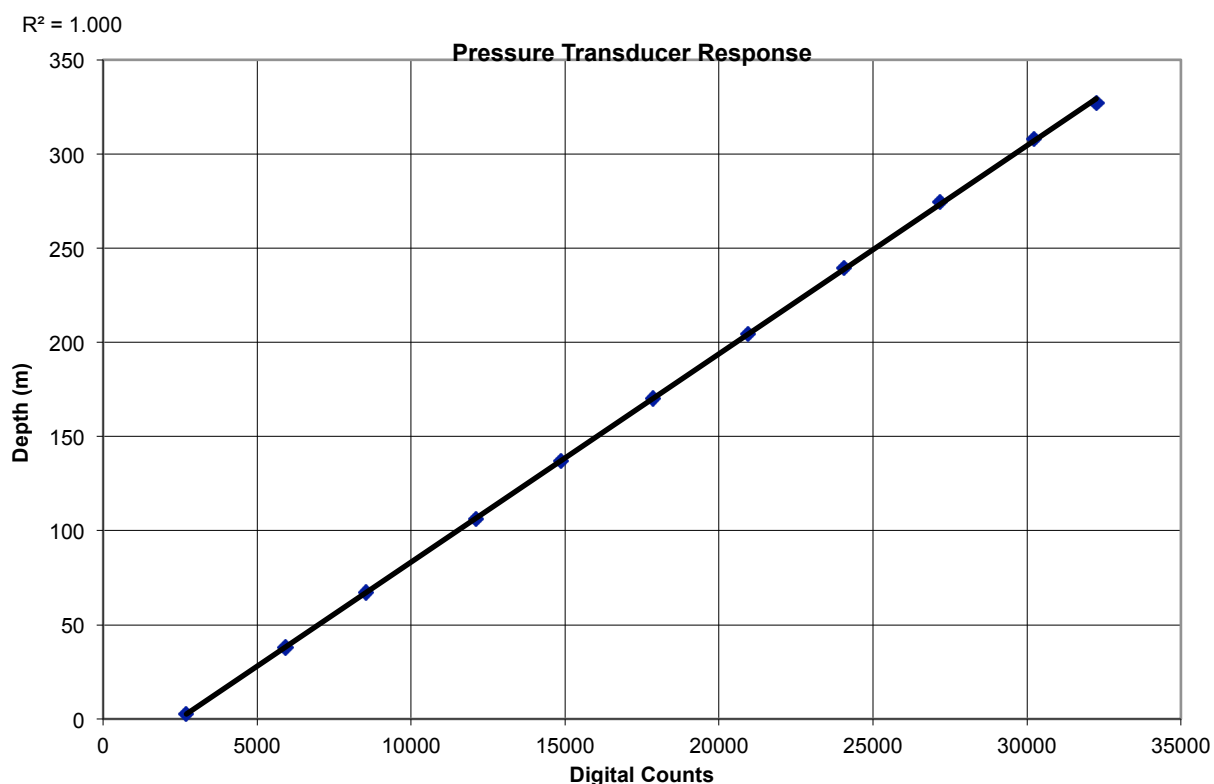
0.0111

meter / count

Offset:

27.9

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.