

Table 4. Results of on-axis calibration performed at 10, 30, 55 and 70 m depth.

Depth (m)	10	30	55	70	Average	SD
Temperature (°C)	13.7	11.2	11.3	11.2	11.9	1.21
Salinity (PSU)	35.1	35.3	35.5	35.5	35.4	0.19
Sphere TS (dB)	-41.5	-41.4	-41.4	-41.4		
Transducer Gain (dB)	16.44	16.06	15.84	15.71	15.82	0.28
Sa Correction (dB)	-0.82	-0.88	-0.96	-1	-0.90	0.07
Athw. Beam Angle (°)	6.89	6.88	6.92	6.63	6.83	0.11
Along. Beam Angle (°)	6.74	6.69	6.7	6.59	6.69	0.07
Athw. Offset Angle (°)	0	-0.03	-0.09	-0.05	-0.03	0.03
Along. Offset Angle (°)	-0.06	-0.04	-0.06	-0.07	-0.06	0.02
Data deviation from beam model (RMS in dB)	0.19	0.19	0.24	0.23	0.20	0.02
Data deviation from polynomial model (RMS in dB)	0.12	0.14	0.21	0.19	0.15	0.02