



Sea-Bird Electronics, Inc. FAX: (425) 643-9954

1808 136th Place NE, Bellevue, Washington 98005 USA Tel: (425) 643-9866

Website: <http://www.seabird.com>

Email: seabird@seabird.com

2630225-0344

21-Feb-18

Pressure Range: 400 psia

Pressure sensor Serial Number: 84168

Pressure sensor Type: Quartzonix

Pressure offset correction for SBE 26 Wave and Tide Recorder

Pressure sensor output in the SBE 26 Wave and Tide Recorder is sensitive to ambient pressure (including elevation and atmospheric pressure) and orientation of the instrument. As part of the test of this instrument, the output of the pressure sensor was measured in the orientation noted below. This data was averaged and compared to the output of a precision barometer at an elevation of 43 feet above sea level. The difference between these two measurements has been entered into SeatermW as an offset correction. The slope correction for the SBE 26 is nominally set to 1.0 for new instruments. The offset correction should be recalculated by the end-user in a manner appropriate for the intended use of the instrument.

ATMOSPHERIC CALIBRATION DATA

Orientation: Vertical

Pressure Sensor Range 400 psia

Reference Pressure (psia)	SBE 26 pressure (psia)	Difference (psia)
14.6971	14.8578	-0.1607

These coefficients should be entered into SeatermW.

OFFSET = -0.1607

SLOPE = 1



Horizontal Orientation



Vertical Orientation