



Product Information Documentation

Contains (as applicable) for each device on this order:

Configuration

Calibration Certificates

Pressure Test Certification

Please see applicable manual for statement of liability and declaration of conformity

Manuals are located on the CD/DVD provided with your order and also on our website at www.seabird.com

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Instrument Configuration

Instrument Serial Number: 56-04591
Instrument Firmware Version: 0.96
Communications Format: RS232

Installed Devices/Sensors

Data Format	Measurement	Sensor Type	Serial Number	Rating
Count	Temperature	Internal	N/A	N/A

Maximum Depth: 1500m

CAUTION - The maximum deployment depth will be limited by the measurement range of the pressure sensor, if installed, an attached sensor, if installed, or the housing.

13431 NE 20th Street, Bellevue, WA 98005-2010 USA

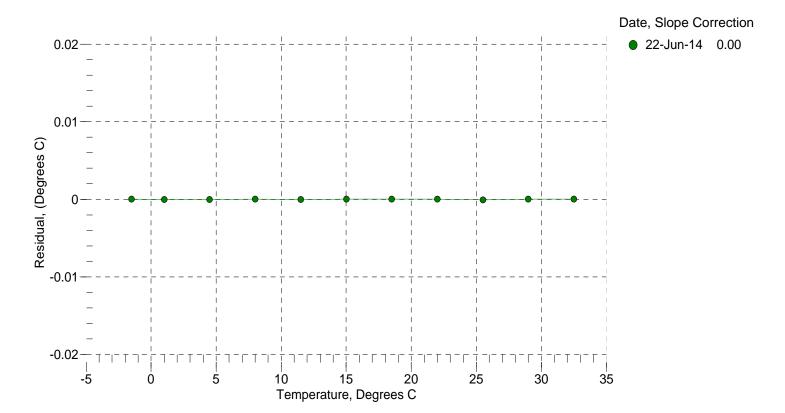
Phone: (+1) 425-643-9866 Fax (+1) 425-643-9954 Email: seabird@seabird.com

SENSOR SERIAL NUMBER: 04591 CALIBRATION DATE: 22-Jun-14 SBE 56 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

a0 = -1.220287e-003 a1 = 3.408670e-004 a2 = -6.307232e-006 a3 = 1.981315e-007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
-1.5000	20844332.3	-1.5000	0.0000
1.0000	18614334.4	1.0000	-0.0000
4.5000	15933656.9	4.5000	-0.0000
8.0000	13684183.6	8.0000	0.0000
11.5000	11790186.7	11.5000	-0.0000
15.0000	10190102.9	15.0000	0.0000
18.5000	8833970.8	18.5000	0.0000
22.0000	7680972.5	22.0000	0.0000
25.5000	6697684.3	25.4999	-0.0001
29.0000	5856574.8	29.0000	0.0000
32.5000	5135030.9	32.5000	0.0000



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Email: seabird@seabird.com

Pressure Test Certificate

Test Date: 06/13/14 Description: SBE-56 Temperature Sensor

Sensor Information:

Model Number: 56

Serial Number: 04591

Pressure Test Protocol:

Low Pressure Test: 40 PSI Held For: 15 Minutes

High Pressure Test: 2300 PSI Held For: 15 Minutes

Passed Test: Yes

Pressure

Pressure

Typical Test Profile

High pressure is generally equal to the maximum depth rating of the instrument

Typical Test Profile



Instrument Configuration

Instrument Serial Number: 56-04593
Instrument Firmware Version: 0.96
Communications Format: RS232

Installed Devices/Sensors

Data Format	Measurement	Sensor Type	Serial Number	Rating
Count	Temperature	Internal	N/A	N/A

Maximum Depth: 1500m

CAUTION - The maximum deployment depth will be limited by the measurement range of the pressure sensor, if installed, an attached sensor, if installed, or the housing.

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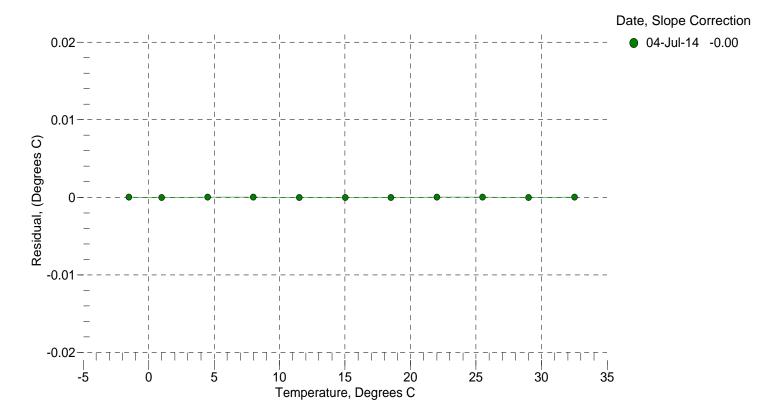
Phone: (+1) 425-643-9866 Fax (+1) 425-643-9954 Email: seabird@seabird.com

SENSOR SERIAL NUMBER: 04593 CALIBRATION DATE: 04-Jul-14 SBE 56 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

a0 = -1.210059e-003 a1 = 3.400429e-004 a2 = -6.232137e-006 a3 = 1.944719e-007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
-1.5000	20833688.9	-1.5000	0.0000
1.0000	18594814.2	1.0000	-0.0000
4.5000	15905321.8	4.5000	0.0000
8.0000	13650303.8	8.0000	0.0000
11.5000	11753055.3	11.5000	-0.0000
15.0000	10151431.7	15.0000	-0.0000
18.5000	8794950.7	18.5000	-0.0000
22.0000	7642436.5	22.0000	0.0000
25.5000	6660198.0	25.5000	0.0000
29.0000	5820572.6	29.0000	-0.0000
32.5000	5100719.9	32.5000	0.0000



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A Fax: Email

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Email: seabird@seabird.com

Pressure Test Certificate

Test Date: 06/13/14 Description: SBE-56 Temperature Sensor

Sensor Information:

Model Number: 56

Serial Number: **04593**

Pressure Test Protocol:

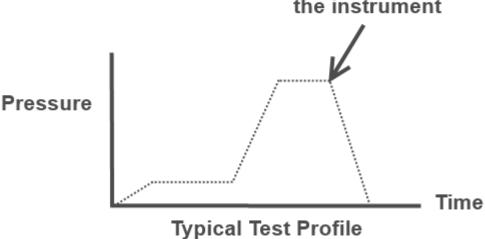
Low Pressure Test: 40 PSI Held For: 15 Minutes

High Pressure Test: 2300 PSI Held For: 15 Minutes

Passed Test: Yes

Tested By: DC

High pressure is generally equal to the maximum depth rating of the instrument





Instrument Configuration

Instrument Serial Number: 56-04611
Instrument Firmware Version: 0.96
Communications Format: RS232

Installed Devices/Sensors

Data Format	Measurement	Sensor Type	Serial Number	Rating
Count	Temperature	Internal	N/A	N/A

Maximum Depth: 1500m

CAUTION - The maximum deployment depth will be limited by the measurement range of the pressure sensor, if installed, an attached sensor, if installed, or the housing.

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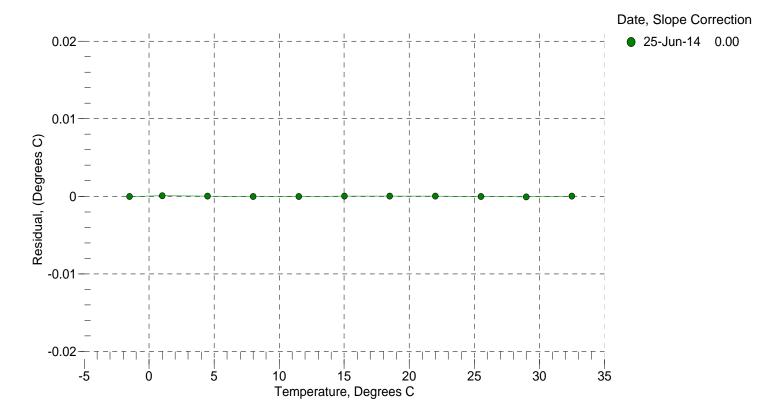
Phone: (+1) 425-643-9866 Fax (+1) 425-643-9954 Email: seabird@seabird.com

SENSOR SERIAL NUMBER: 04611 CALIBRATION DATE: 25-Jun-14 SBE 56 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

a0 = -1.170492e-003 a1 = 3.323216e-004 a2 = -5.742699e-006 a3 = 1.851827e-007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
-1.5000	20555438.1	-1.5000	-0.0000
1.0000	18351770.0	1.0001	0.0001
4.5000	15703802.1	4.5000	0.0000
8.0000	13482695.3	8.0000	-0.0000
11.5000	11613198.9	11.5000	-0.0000
15.0000	10034346.1	15.0000	0.0000
18.5000	8696679.6	18.5000	0.0000
22.0000	7559732.0	22.0000	0.0000
25.5001	6590376.7	25.5001	-0.0000
29.0001	5761457.9	29.0000	-0.0001
32.5000	5050543.3	32.5000	0.0000



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Pressure Test Certificate

Test Date: 06/14/14 Description: SBE-56 Temperature Sensor

Sensor Information:

Model Number: 56

Serial Number: 04611

Pressure Test Protocol:

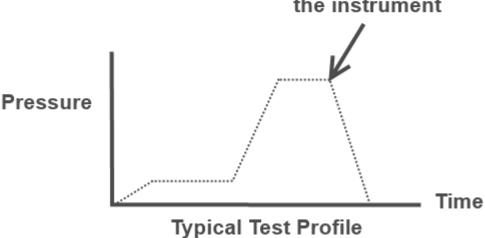
Low Pressure Test: 40 PSI Held For: 15 Minutes

High Pressure Test: 2300 PSI Held For: 15 Minutes

Passed Test: Yes

Tested By: DC

High pressure is generally equal to the maximum depth rating of the instrument





Instrument Configuration

Instrument Serial Number: 56-04612
Instrument Firmware Version: 0.96
Communications Format: RS232

Installed Devices/Sensors

Data Format	Measurement	Sensor Type	Serial Number	Rating
Count	Temperature	Internal	N/A	N/A

Maximum Depth: 1500m

CAUTION - The maximum deployment depth will be limited by the measurement range of the pressure sensor, if installed, an attached sensor, if installed, or the housing.

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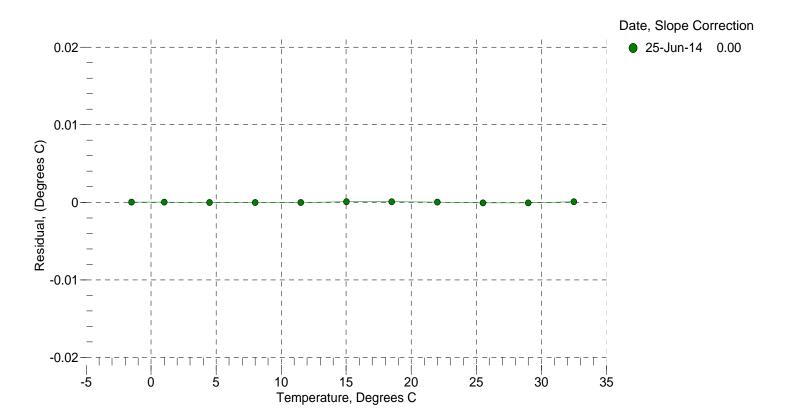
Phone: (+1) 425-643-9866 Fax (+1) 425-643-9954 Email: seabird@seabird.com

SENSOR SERIAL NUMBER: 04612 CALIBRATION DATE: 25-Jun-14 SBE 56 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

a0 = -1.174229e-003 a1 = 3.335737e-004 a2 = -5.822202e-006 a3 = 1.876178e-007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
-1.5000	20115150.1	-1.5000	0.0000
1.0000	17962075.4	1.0000	0.0000
4.5000	15374199.3	4.5000	-0.0000
8.0000	13202923.7	8.0000	-0.0000
11.5000	11374893.2	11.5000	-0.0000
15.0000	9830680.3	15.0001	0.0001
18.5000	8522054.8	18.5001	0.0001
22.0000	7409537.5	22.0000	0.0000
25.5001	6460792.7	25.5000	-0.0001
29.0001	5649305.5	29.0000	-0.0001
32.5000	4953196.0	32.5001	0.0001



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Pressure Test Certificate

Test Date: 06/14/14 Description: SBE-56 Temperature Sensor

Sensor Information:

Model Number: 56

Serial Number: **04612**

Pressure Test Protocol:

Low Pressure Test: 40 PSI Held For: 15 Minutes

High Pressure Test: 2300 PSI Held For: 15 Minutes

Passed Test: Yes

Pressure

Pressure

Time

Typical Test Profile



Instrument Configuration

Instrument Serial Number:56-04613Instrument Firmware Version:0.96Communications Format:RS232

Installed Devices/Sensors

Data Format	Measurement	Sensor Type	Serial Number	Rating
Count	Temperature	Internal	N/A	N/A

Maximum Depth: 1500m

CAUTION - The maximum deployment depth will be limited by the measurement range of the pressure sensor, if installed, an attached sensor, if installed, or the housing.

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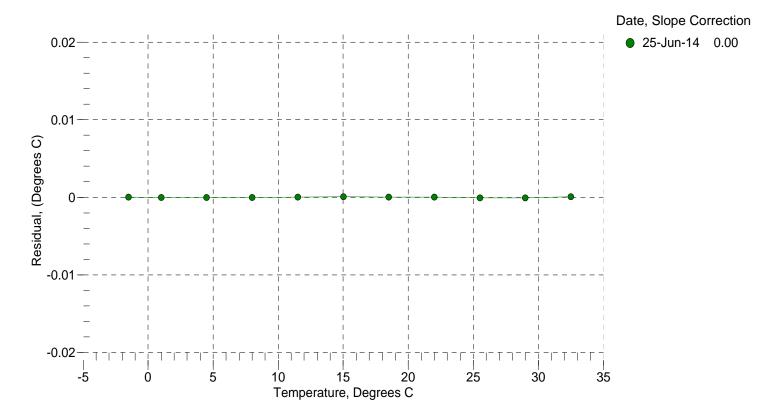
Phone: (+1) 425-643-9866 Fax (+1) 425-643-9954 Email: seabird@seabird.com

SENSOR SERIAL NUMBER: 04613 CALIBRATION DATE: 25-Jun-14 SBE 56 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

a0 = -1.176598e-003 a1 = 3.359748e-004 a2 = -6.025779e-006 a3 = 1.900468e-007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
-1.5000	20669514.0	-1.5000	0.0000
1.0000	18441607.5	1.0000	-0.0000
4.5000	15766444.9	4.5000	-0.0000
8.0000	13524523.1	8.0000	-0.0000
11.5000	11639145.9	11.5000	0.0000
15.0000	10048297.9	15.0001	0.0001
18.5000	8701607.7	18.5000	0.0000
22.0000	7557916.0	22.0000	0.0000
25.5001	6583621.0	25.5000	-0.0001
29.0001	5751127.0	29.0000	-0.0001
32.5000	5037702.5	32.5001	0.0001



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Pressure Test Certificate

Test Date: 06/14/14 Description: SBE-56 Temperature Sensor

Sensor Information:

Model Number: 56

Serial Number: 04613

Pressure Test Protocol:

Low Pressure Test: 40 PSI Held For: 15 Minutes

High Pressure Test: 2300 PSI Held For: 15 Minutes

Passed Test: Yes

