## Sea-Bird Electronics, Inc.

## 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: 0043 CALIBRATION DATE: 17-Jan-12 SBE 49 PRESSURE CALIBRATION DATA 508 psia S/N 2013

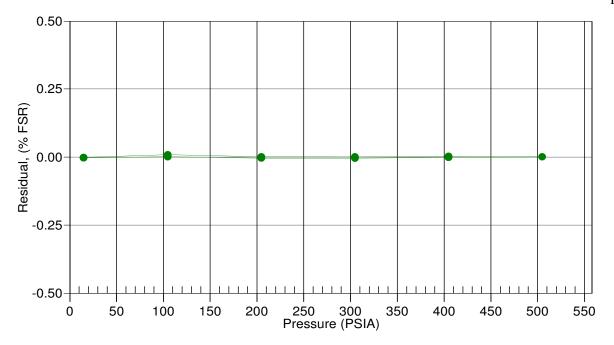
## COEFFICIENTS:

PA0 = 9.178119e-002 PTCA0 = 5.251883e+005 PA1 = 1.560264e-003 PTCA1 = 7.204239e+000 PA2 = 7.976077e-012 PTCA2 = -1.911356e-001 PTEMPA0 = -7.850884e+001 PTCB0 = 2.492563e+001 PTEMPA1 = 5.419887e+001 PTCB1 = 7.250000e-004 PTEMPA2 = -1.421706e+000 PTCB2 = 0.000000e+000						
PA2 = 7.976077e-012 PTCA2 = -1.911356e-001 PTEMPA0 = -7.850884e+001 PTCB0 = 2.492563e+001 PTEMPA1 = 5.419887e+001 PTCB1 = 7.250000e-004	P	A0 =	9.178119e-002	PTCA0	=	5.251883e+005
PTEMPA0 = -7.850884e+001	P	A1 =	1.560264e-003	PTCA1	=	7.204239e+000
PTEMPA1 = 5.419887e+001 PTCB1 = 7.250000e-004	F	A2 =	7.976077e-012	PTCA2	=	-1.911356e-001
	P	TEMPA0	= -7.850884e+001	PTCB0	=	2.492563e+001
PTEMPA2 = -1.421706e+000 $PTCB2 = 0.000000e+000$	F	TEMPA1	= 5.419887e+001	PTCB1	=	7.250000e-004
	F	TEMPA2	= -1.421706e+000	PTCB2	=	0.000000e+000

PRESSURI PRESSURI PSIA	E SPAN CAL E INST T OUTPUT	_	R COMPUTE PRESSURE	_		MAL CORREC THERMISTO OUTPUT	,
14.51	534490.0	1.9	14.49	-0.00	32.50	2.17	535432.14
104.74	592350.0	1.9	104.75	0.00	29.00	2.10	535447.78
204.77	656419.0	2.0	204.75	-0.00	24.00	2.00	535462.60
304.78	720446.0	2.0	304.75	-0.00	18.50	1.88	535466.93
404.76	784429.0	2.0	404.75	-0.00	15.00	1.81	535465.84
504.75	848372.0	2.0	504.75	0.00	4.50	1.60	535427.58
404.77	784449.0	2.0	404.78	0.00	1.00	1.53	535407.17
304.79	720472.0	2.0	304.79	0.00			
204.81	656459.0	2.0	204.81	0.00	TEMP(I	TS90) SE	PAN(mV)
104.78	592396.0	2.0	104.82	0.01	-5.	00 2	24.92
14.51	534495.0	2.0	14.50	-0.00	35.	00 2	24.95

```
y = thermistor output; t = PTEMPA0 + PTEMPA1 * y + PTEMPA2 * y^2
x = pressure output - PTCA0 - PTCA1 * t - PTCA2 * t^2
n = x * PTCB0 / (PTCB0 + PTCB1 * t + PTCB2 * t^2)
pressure (psia) = PA0 + PA1 * n + PA2 * n^2
```

Date, Avg Delta P %FS



17-Jan-12 0.00