## 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: 04-Feb-14 SBE 49 PRESSURE CALIBRATION DATA 508 psia S/N 2013

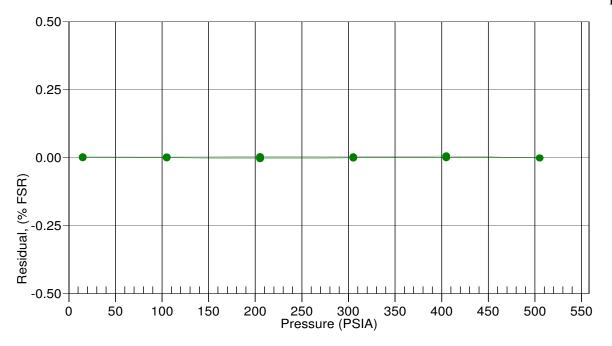
## COEFFICIENTS:

PA0 =	8.801237e-002	PTCA0	=	5.251656e+005
PA1 =	1.560282e-003	PTCA1	=	6.713024e+000
PA2 =	7.826295e-012	PTCA2	=	-1.791274e-001
PTEMPA0	= -7.750950e+001	PTCB0	=	2.492563e+001
PTEMPA1	= 5.320483e+001	PTCB1	=	7.250000e-004
PTEMPA2	= -1.175422e+000	PTCB2	=	0.000000e+000

PRESSURE SPAN PRESSURE INS PSIA OUTP	T THERMISTOR	R COMPUTEI PRESSURE			MAL CORREC THERMISTC OUTPUT	
14.75 53462	5.0 1.9	14.74	-0.00	32.50	2.17	535391.15
105.01 59248	9.0 1.9	105.01	-0.00	29.00	2.10	535397.89
205.02 65654	7.0 1.9	204.99	-0.00	24.00	2.00	535410.96
305.02 72058	6.0 1.9	305.01	-0.00	18.50	1.88	535424.97
405.03 78458	0.0 1.9	405.03	-0.00	15.00	1.81	535419.56
505.04 84852	7.0 1.9	505.03	-0.00	4.50	1.60	535384.72
405.04 78460	6.0 1.9	405.07	0.01	1.00	1.53	535363.46
305.04 72060	8.0 1.9	305.05	0.00			
205.03 65658	2.0 1.9	205.05	0.00	TEMP(	ITS90) SI	PAN(mV)
105.02 59250	5.0 1.9	105.03	0.00	-5	.00 2	24.92
14.75 53463	3.0 1.9	14.76	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



• 04-Feb-14 -0.00