Sensor type:

      Beckman, Module S/N 8-03-15

Sensor Current

m = 4.1115 E-7
b = -6.6901 E-9

The use of these constants in a linear equation of the form
$$I = mV + b$$
will yield DO sensor membrane current as a function of sensor output voltage.

Sensor Compensation Temperature

k = 9.0399
c = -6.6901

The use of these constants in a linear equation of the form
$$T = kV + c$$
will yield membrane temperature as a function of temperature channel voltage with a maximum error of about 0.5 deg C. The correction to dissolved oxygen resulting from the use of this calibration should be sufficient to achieve the precision of which the sensor is capable.

SEASOFT Coefficients based on Oxfit Calibration Results

Soc	2.1293	
Boc	-0.0041	
tcor	-0.033	(nominal)
pcor	1.50e-4	(nominal)
tau	2.0	(for profiling applications only)
tau	0.0	(for moored applications only)
wt	0.67	(for Beckman type sensors)
wt	0.85	(for YSI type sensors)
barometer	= 1014.253	mB
Twater	= 5.891	deg C
Tcomp	= 5.396	deg C
Isat	= 0.543	uA
Iair	= 0.904	uA
Izero	= 0.001	uA