**PBO SEED Channels**

Each data stream is defined by the network code, site code, channel code, and location code. For PBO data the site code is the 4 character B-number. The channel code is a three-character alphanumeric code that describes the sample rate, measurement and orientation of the sensor. The location code is used to differentiate between similar measurements.

* Network Code = PB
* Channel Sample Rates
	+ L = 1 sps
	+ B = 20 sps
	+ E = 100 sps
	+ R sample interval greater than 1 s
* Measurements
	+ S = Strain
	+ H = horizontal seismic
	+ D = Pressure
	+ K = Temperature
	+ E = Voltages and Amps
	+ R = Rainfall
* Orientation/Position Codes (Instrument Dependent)
	+ Seismic
	+ Horizontal = 1 , 2 or N, E
	+ Vertical = Z
	+ BSM Strain
	+ CH0=1 CH1=2 CH2=3 CH3=4
	+ Environmental
	+ D=Downhole
	+ O=Outside (Letter O, not zero)
* Location Codes
	+ Blank-blank Seismic, high rate pressure
	+ TS Surface GTSM21 Environmental
	+ T0 (zero) GTSM1 CH0 CH1 CH2 CH3 Strain Channels
	+ T[1..8] GTSM21 State Of Health channels
	+ LI, LM, LR LSM, Interferometer, Mid-point, Retroreflector

For example:

1-sps strain measurements from gauge CH0 from strainmeter at site B004 is PB.B004.LS1.T0

5-min strain data from LSM Cholame 1 is PB.CHL1.RS1.LM

100-sps seismic, vertical, from seismometer at site B081 is PB.B081.EHZ