**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