RT130 setup procedure with PFC_130 on Clie: Parameter configuration

PFC130 (RT130 v. 3.4.3)

Editing Parameters- *(Work with Configuration-Edit)*

On the main menu select:

Work with Configuration

Select **Load or New**

select from the pre-loaded das configuration files

From the Configuration menu, select:

Select **Edit**

Fill in **Station** *[5-character code] **can be done at site*

Fill in **Experiment** *[short mnemonic and/or network code]*

Select **Channels**

Highlight each channel (1-3) in turn

Select **Detail** (existing channel) **or Activate** (new channel)

Check and modify the following entries:

Name [for a 3C sensor, 1, 2, or 3 // Z, N, or E, etc]

Azimuth

Incline

Sensor *[type; e.g., STS-2]*

Sensor # *[serial number/identifier] **can be done at site*

Gain *[Unity for broadband, High for short-period]*

select **Apply**

select **Apply**

Select **Streams**

Highlight each stream in turn (check D for Disk)

Select **Detail**

Check and modify the following entries:

Name [short mnemonic]

Channels Included [check all that apply], select

Format [**32** (32-bit integer) or **CO** (STEIM1) or **C2** (STEIM2)]

Rate [sampling rate]

NOTE: Sample rates 1000, 500, 250, 125, 25 can not be used with another sample rate. In FW v.3.4.3, 50 sps may be recorded with other sample rates, however this CAN NOT be programmed with the Clie. See the iFSCconfig documentation for use with an iTouch.

Trigger [Continuous]

Select **Details**

enter number of seconds per record

select **OK**

select **Apply**

select **Apply**

select **Aux DATA** **(For Broadband Sensors ONLY)**

Destination check **D**

Included Channels check 1,2, and 3

Sample Period 10

Record length enter 86400

Select **Apply**

select **Auto Center** **(For Broadband Sensors ONLY)**

Cycle Time

[The number of days, not hours between auto centering events]

select **Apply**

NOTE: In FW v.3.4.3, **Threshold Centering** can be programmed – NOT with the Clie. Use the iFSC program to set this parameter if needed. See the iFSCconfig documentation for use with an iTouch.

select **Sensor Test** **(For Broadband Sensors ONLY)**

Ch. Group *1-3*

Enable *ON*

Signal Type *Step*

Amplitude*0.7V*

Duration *1000 sec*

Pulse Width *300 sec*

Pulse Interval *600 sec*

select **Apply**

select **Apply**

Turn Over

Save As *[if this "new" configuration will be used to clone future sites]*
or **Save** *[if this is an existing configuration with the same name]*
Send to DAS *[transfers current configuration to DAS, overwriting any existing setup] **If a DAS is connected.*
From DAS *[check to make sure transfer was successful; iterate until all params are correct] **If a DAS is connected.*

select **Done**