

## 1. Run DAQ

**From home directory type: godaq**

code location: ~/Current/readout/

run readout: ./godaq

## 2. HiRA Si Control Software

**Be logged into spdaq20 (ssh spdaq20)**

For E's:

**From home directory type: goASIC\_E**

then

- load bit file: hira\_xlmxxv\_2mb\_rev273.bit

- load config file: MB0MB1MB2MB3MB4\_lowgainSmallDelays.setup

code location: ~/Current/ASIC\_control\_E/

run : ./CHIP

For dE's

**From home directory type goASIC\_dE**

then

- load bit file: hira\_xlmxxv\_2mb\_rev273.bit

- load config file: e07037\_de\_external\_9ch\_9ch.setup

code location: ~/Current/ASIC\_control\_DE/

run : ./CHIP

**DON'T CHANGE ANYTHING IF YOU DON'T KNOW WHAT YOU'RE DOING!!!**

## 3. Load Csl

**Be logged into spdaq20 (ssh spdaq20)**

**From home directory type gopico**

Open Shaper File: shaper\_07037.dat

Open Disc File: disc\_07037.dat

code location: ~/Current/Pico/

run: wish pico.tcl

## **4. Scalers**

**From home directory type goscaler**

code location: ~/Current/others/scaler  
run: ./ScalerDisplay e07037.tcl

## **5. Power supply for HiRA Si and Csl**

**From terminal type gocaen**

user name : admin  
password: admin

Address location: telnet 35.9.56.159 1527

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## **6. Pulsers**

From the home directory type goBLUE, goWHITE, or goGREEN depending on which pulser you want to use

White is connected to dE's  
Blue is connected to the E\_backs  
Green is connected to the E\_fronts

(N.B. The Blue and Green are triggered off of White)

## **7. Server**

From the home directory type goserver

You must be on the u6pc2 computer to use the server (only use that physical computer)

## **8. E-Log**

From the home directory type goelog

You must be ssh'd into a u6 account (u6pc2 or u6pc3)

## 9. SpecTcL

**From home directory type gospec**

code location: ~/Current/spectcl/  
run: ./SpecTcl