MCC SCP and E166 DAQ Notes

S. Berridge and J. C. Sheppard, Update: 6/30/04

To start SCP from an Onsite XP machine: X-Win32

X-Win32: slc.slac.stanford.edu
userid
password
Launch SCP from Application drop down menu
Accept all offers, a series of popups (at least 3, maybe 4) appear asking if you accept the connection to mcc

To start SCP from an Onsite XP machine: SSH

Start X-Win32 (or equivalent) on your machine
SSH to mcc.slac.stanford.edu, enter *userid* and *password* as required
At prompt: MCC> type *scp*
You will be asked to id yourself (enter *userid*) and to enter a session type. Carriage return to see options (I use *XT* or *XB*)

To start SCP from an Offsite XP machine: VPN

VPN to SLAC
X-Win32: slc.slac.stanford.edu
userid
password
Launch SCP from Application drop down menu
Accept all offers, a series of popups (at least 3, maybe 4) appear asking if you accept the connection to mcc

To start SCP from an Offsite machine XP or MAC: SSH

Start X-Win32 (or equivalent) on your machine.
Add mcc-lavc.slac.stanford.edu and localhost (or 127.0.0.1) in your X-Win32 configuration, securities tab (X-Host list).
In Terra Term (ttssh), setup, SSH forwarding, you must check the 'display remote X apps on local X server' in the X forwarding box.
SSH to mcc-lavc.slac.stanford.edu, enter *userid* and *password* as required
At prompt: MCC> type *scp xt (or xb)*
You will be asked to id yourself (enter *userid*)

To read BPMs or TOROs (3/17/04):

SCP comes up on **PEP-II index**
Push **FFTB Index**
Push **BPM Device Panel**
Push **FFTB (SLC)** BPM Measurement Definitions
Push **Device** and select **TORO**
Push **BPM Values Disply**
Push either **Start/Stop** or **Single Shot** buttons

Triggers (3/18/04): Call MCC before changing values, call when done

SCP comes up on **PEP-II index**
Push **FFTB Index**
Push **FFTB TRIGS Panel**
Push **CB02 TRIG Panel**
Enter **Beam Prompt** (use **3**); note if have looked at BPMs then beam prompt is likely already set.
Select a trigger (try **TRG806 E144 CCM**)
Push **Timing Data Disply** to see trigger values
Change trigger setting by either assigning to a **Knob** or via **ENTER TDES**; note that units are **ns** and range is **-1000000 to 1600000.**

E166 DAQ Data Storage Location (6/2/04)

E166 DAQ write data to: **/afs/slac.stanford.edu/g/e166/data**

Mapping E166 Data Storage Location to XP (6/2/04)

Right click My Computer
Enter Drive (**T:**) Letter
Enter folder: **\\slaccfs\slac_afs\g\e166**
Click Reconnect at Login
Do NOT login as a different user