EBeam5 Operating Procedures

1. Enter Windows Logon account: UCSB with password: UCSB
2. Turn on power to: 1 – ST Power supply, 2 – Kaufman source controller, 3 – Sweep controller.
3. Logon – Click current user and select "Operator" using password: qubit_dog
4. Vent loadlock by clicking the "LLVent" button, then open the loadlock door when at atmosphere.
5. Check crystal (target = 5.7 or greater, change if 5.5 or lower)
6. Remove wafer fixture from chuck by pushing down and rotating counterclockwise.
7. Load wafer onto fixture by removing clamping ring screws, placing wafer on the fixture and replacing the clamping ring and screws.
8. Install wafer fixture onto chuck by pushing down and rotating clockwise.
9. Close the loadlock door and pump down by clicking the "LLPump" button.

Selecting recipe and running process:

1. Select "Run Process" button
2. Browse recipe folder (DaLEK/prg/UCSB)
3. Select recipe (ex: UCSB_TKT_Recipe)
4. Select "open"
5. Select "Execute

10. When process is complete, select "Vent LL" button
11. When the loadlock is at atmosphere, open the door and remove the wafer fixture from the chuck (see step 6)
12. Close the loadlock door and click "LLPump"
13. Log out of operator mode by clicking on "File" then "Log off"