

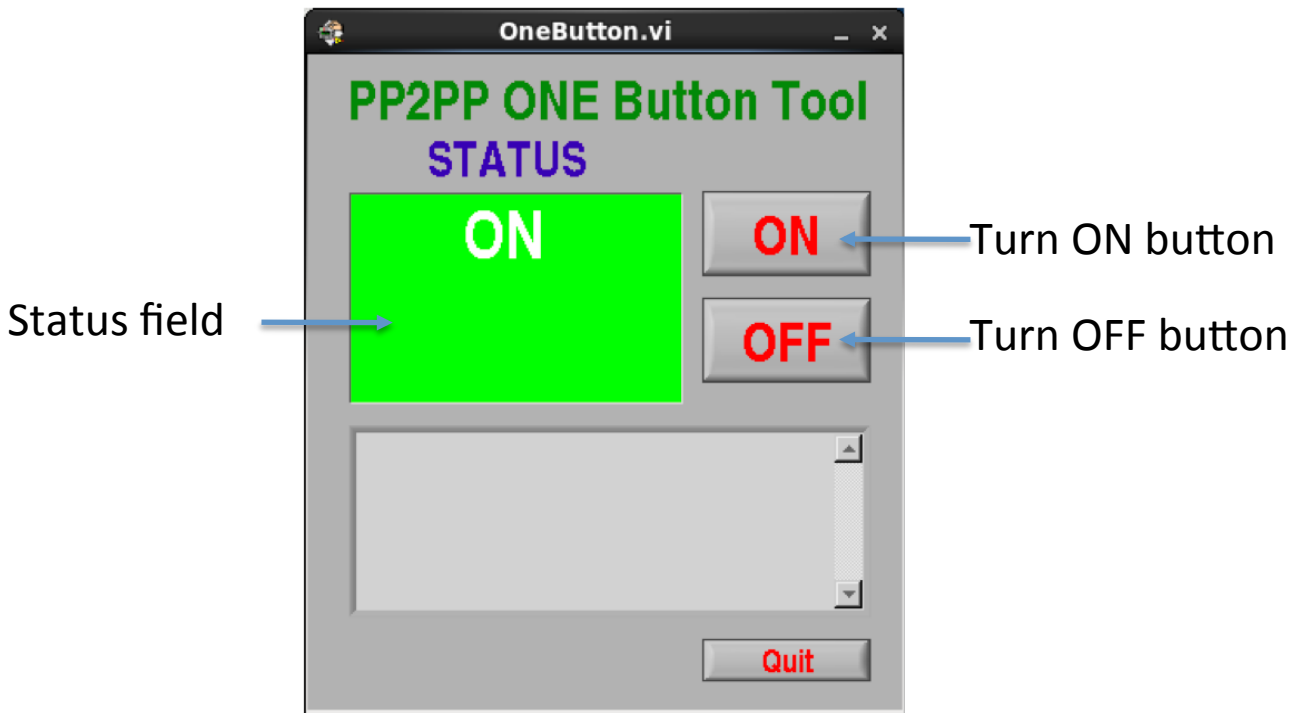
# Roman Pot Slow Control Operations Instructions

## Getting detector ready for operation

1. Check that the “OneButton” control (see picture below) on the right monitor on Roman Pot desk is in the OFF state.
2. If the “OneButton” control is not there try to start it using icon on the desktop .



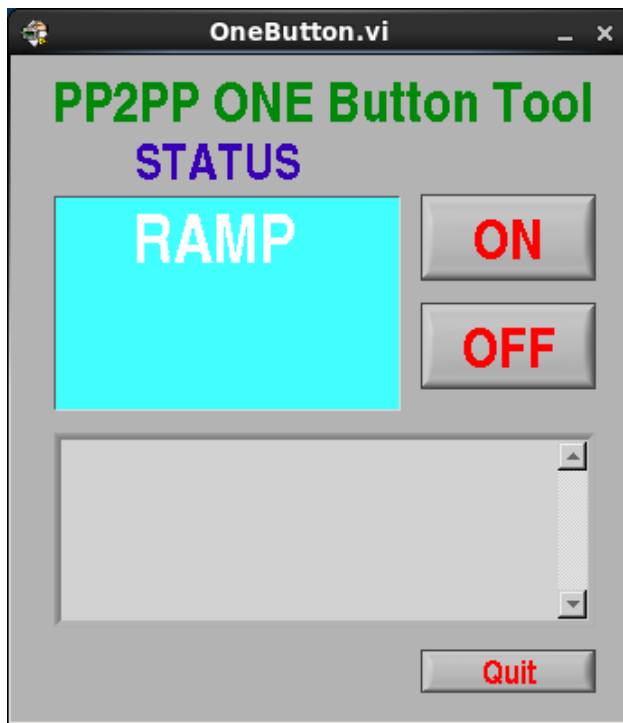
3. If the “OneButton” is there click the red ON button.



**Expert for the Roman Pot Slow Control:  
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## Getting detector ready for operation (cont.)

4. The status should change to "RAMP" (pale blue like in picture below) immediately. If it doesn't, hit "ON" again. ( If it still doesn't after a few trials, call the expert. ) The "RAMP" will last for 2 minutes.
5. Afterwards, you should see the picture on the previous page showing the ON status of the control (green field).
6. If ALARM state is shown (it will be red field) try "OFF" and "ON" again. If "ALARM" persists call expert



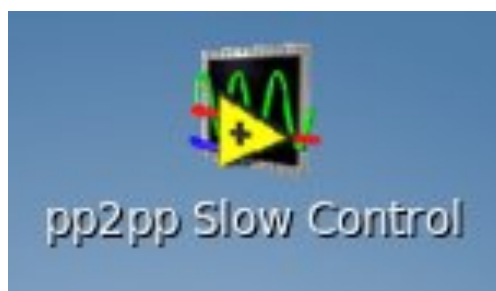
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# What to do in case of alarms?

- **VME-reset:** If the new run cannot be started because of the "PP2PP RDO1/... Too many recoveries" error, the DOs should reset the VME by clicking this VME-reset icon on the desktop



- When there is communication error in **lv-pp2pp-slow**, window, everything is blue, the DOs
  - should not interrupt data taking, they should monitor QA plots.
  - fix when there is no data taking by closing the **lv-pp2pp-slow** window and restarting that window by clicking on pp2pp Slow Control icon on the desktop.



RP low voltage and Bias are turned OFF by pressing “OFF” on the “OneButton” control for the following situations:

1. before the beam dump;
2. before the injection;
3. before the Vernier scan;
4. on ALARM (temperature, inactivity);
5. After bam abort.

If trying to turn off using OneButton control GUI fails (it is BLUE in the STATUS field), proceed to turn LV and HV OFF manually by:

starting the browser (probably the web page is already there but just minimized) to connect to the East and West APC websites:

- East: <http://130.199.90.26>, user: apc, password: apc
- West: <http://130.199.90.38>, user: apc1, password: apc1

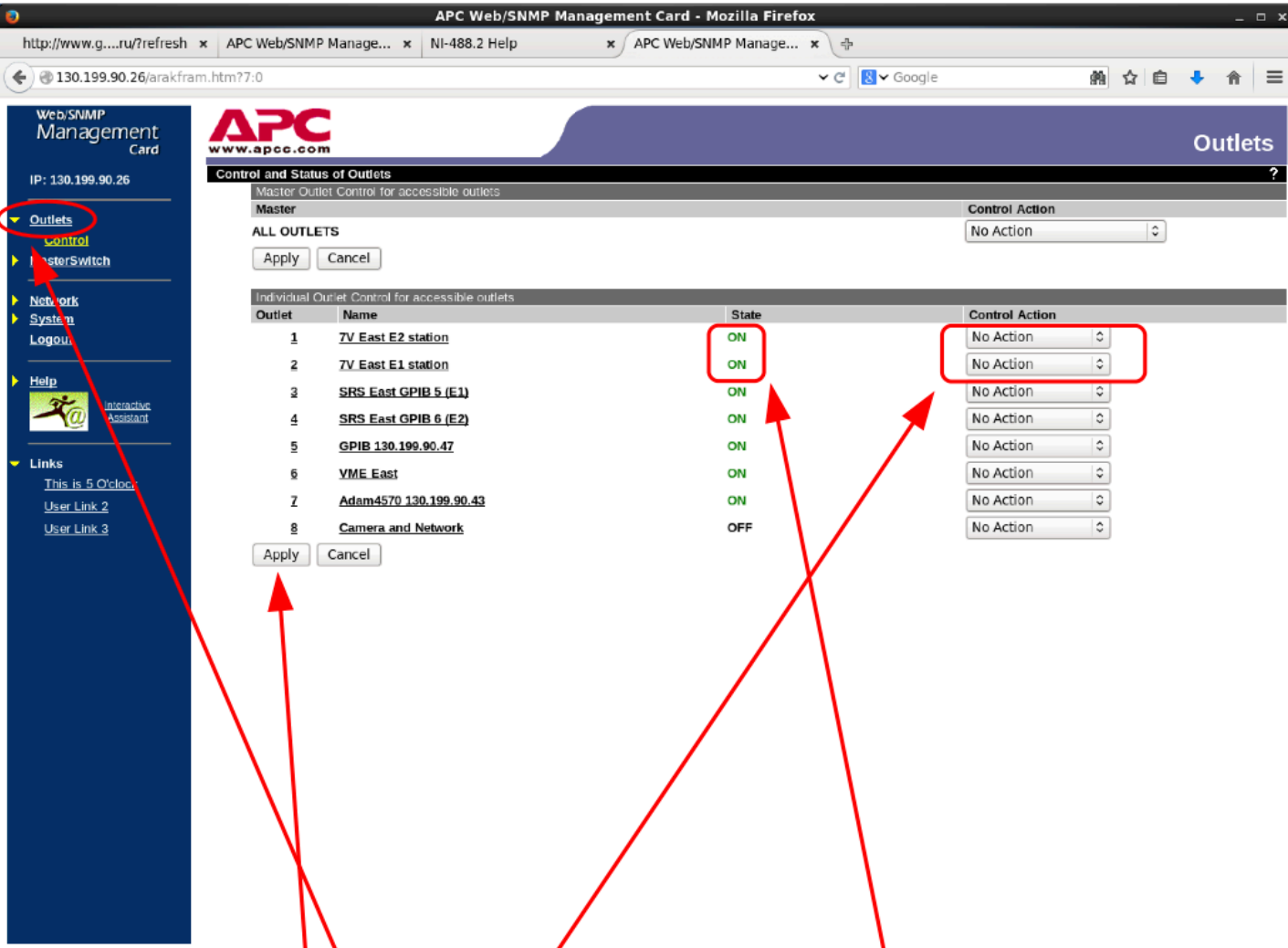
and then switching off the first four outlets (which have names “7V ...” for LV and “SRS ...” for HV). See the picture of the above on the next page. Call the experts afterwards.

If during normal operations the one button GUI shows OFF, but you see on the expert window that all is normal hit the ON button on the OneButton GUI and you should see it in the RAMP status for about 2 mins after which it will change to ON status.

In case ALARMS are displayed in the oneButton GUI, follow instructions listed there.

If instructions are not provided or problem persists call expert.

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**A**

Sequentially on both web pages:

1. Click on 'Outlets' in the left side menu
2. For the first two lines ('TV East/West E1/E2 station') in the right column ('Control action') choose 'Immediate Off'
3. Press 'Apply' button on the bottom left of the page
4. After 5-10 seconds check that the 'Status' column shows 'OFF' for the first two lines.

**B**

Call for experts. The phone numbers are on the last page of the latest pp2pp logbook.