# Fixing Common/Current Run Control Issues

Jeff Landgraf

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Masking/Unmasking Receiver Boards:

If any boards need to be masked during production running, please make an entry in the shift log, contact Tonko using the "critical support" tab on the DAQ monitoring page, and email "starops-l" to make sure the underlying problem is addressed. Then proceed to the following.
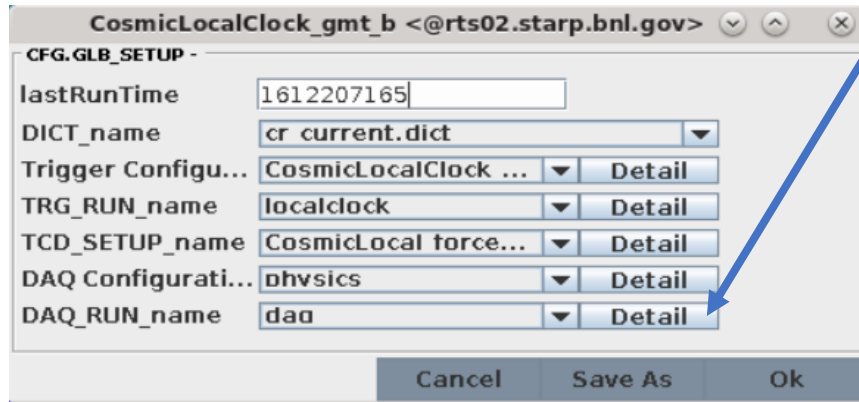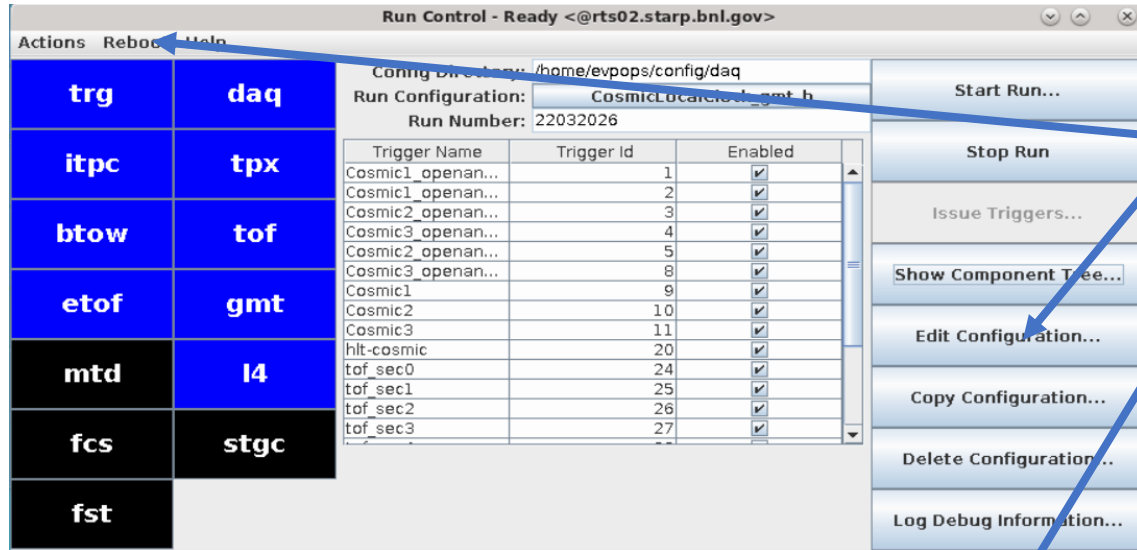
1. Press "Edit Configuration"
2. Press "Detail" on the DAQ_RUN_name line
3. Select the Detector
4. Select the Sector
5. Uncheck to remove, Check to add. Boards start at 1 and numbered from the left
6. Press "Ok" on both dialogs (do NOT press Save-As)
7. REBOOT iTPC/TPX after masking
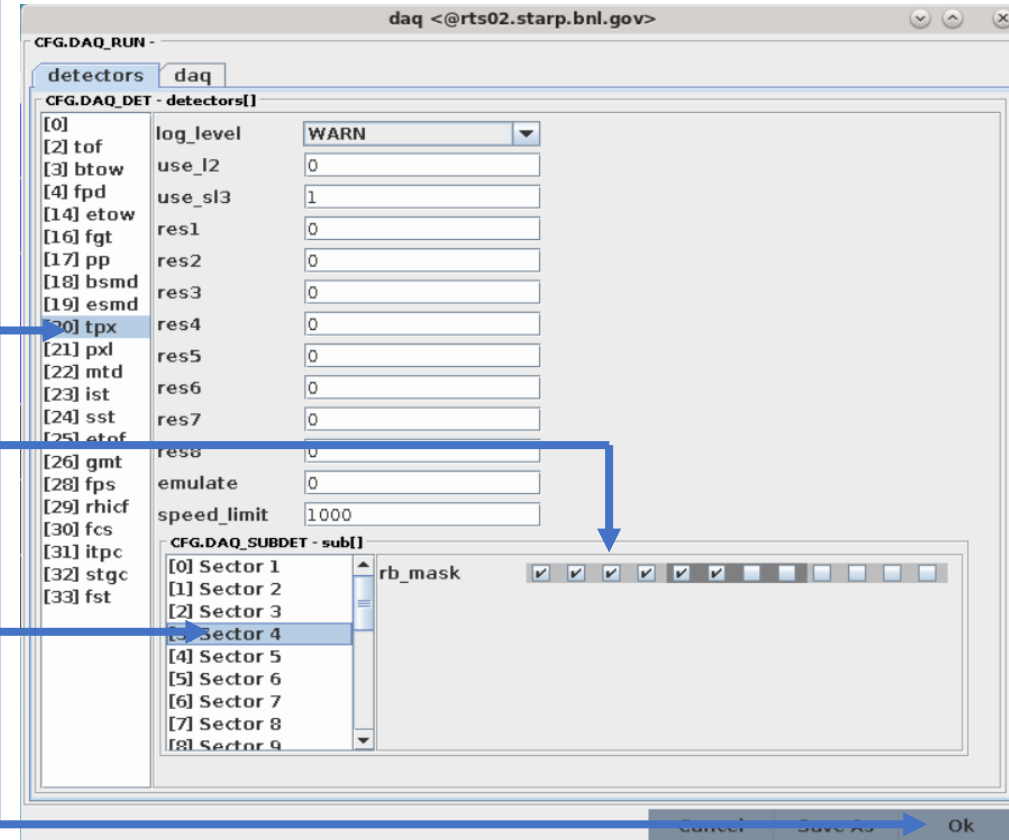
Dead TPX computers:

How to know if a node is Dead:

1. On the main Run Control screen the subsystem will be grey.
2. Press Show Component Tree.
3. The offending node will be red on the subsystem tree

What to do if a node is dead:

1. A node being "dead" means that it isn't connected to run control. In general, the subsystem that "owns" the node must fix it.
2. For most nodes (Detectors, DAQ, and L0,L1, TCD), contact the DAQ expert.
3. For other Trigger nodes, contact the trigger expert.
4. For L4, the contact the HLT expert.
5. You can simply remove the offending node by pressing the red square. However, the repercussion is that the function of the node will not be performed! (Detector nodes correspond to sections of detectors, but the importance of other nodes requires understanding their function, and understanding whatever special conditions may exist in the run)
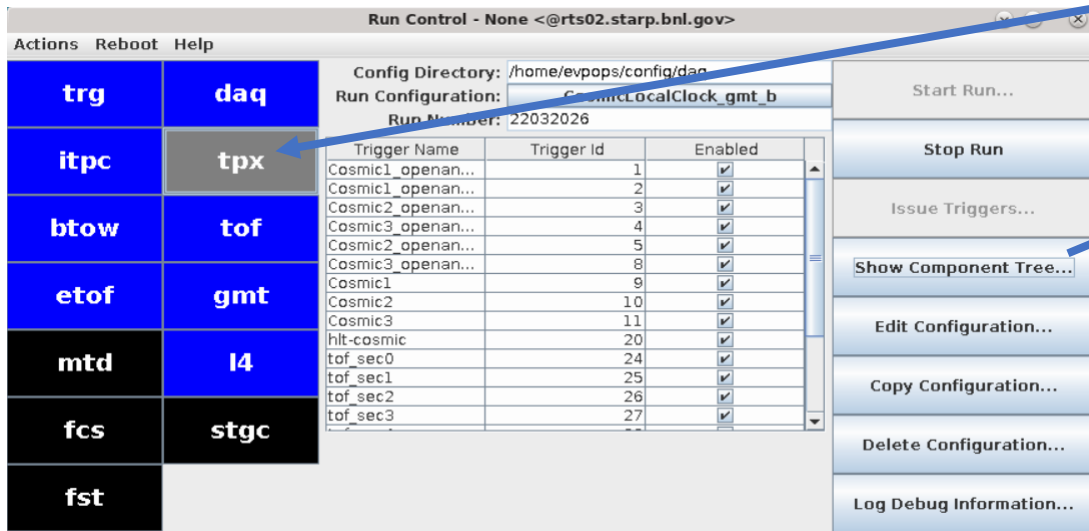
What to do if a TPX node is dead:

1. There have been several recent losses of TPX nodes. For TPX nodes ONLY…
2. Contact a DAQ expert. If you can not reach a DAQ expert ONLY…
3. You can try power cycling the computer.
   1. Locate the computer in the DAQ room
   2. Press the power button for ~10-15 seconds
   3. Press the power button again, then wait about 5 minutes, or until the button turns blue.

4. You should be familiar with the location of these computers. Ask the previous shift leader where they are before you start your shift. In general TPX01-24 are to the right of the center line in the DA rack rows. TPX25-36 are to the left of the center line in the DA rack rows.