

LV GUI development ROC by ROC

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Issues

The slide from last week presentation.

- We can use only “ALL ON/OFF” switches.

The GUI “LV2 2W1” and “LV 2W3”

Mai made these ROC by ROC GUIs, Alarms and Detail GUIs.

ROC by ROC GUI



- The GUI designs are finalized.
- We are still working on the scripts for each switches to improve their behavior.

Use only “ALL ON” or “ALL OFF” which turn on or off all 8 ROCs together respectively.

* We also need to tune the alarm values.

- Due to the cooling issue, we need to turn on/off ROC by ROC for coming tests.

Developments and status

- “ALL ON” and “ALL OFF” for ROC by ROC functions are implemented. (Thanks to Takashi, Genki and Mai for help.)
- 2W1 and 2W3 RACKs for these LV are off now for some development. As soon as it becomes available, we will test these.

INTT LV and Thermistors - Main Window

Current Time: 03/09/2023 12:34 午後 Logged In: sPHENIX

sPHENIX

2W1 Unipolar LV 2W1 2W3 Unipolar LV 2W3 2W1 FVTX 2W3 FVTX North Thermistors South Thermistors FPHX_2W3 LV 2W1 test LV 2W3 test

ROC1	ROC2	ROC3	ROC4	ROC5	ROC6	ROC7	ROC8

	Active Time	Display Path	Current State	Priority	Event Id	Label
<input type="checkbox"/>	2023/02/28 14:49	VESDA/Urgent_Fault/Alarm	Active, Unacknowledged	Critical	11ae632f-2f34-430...	Urgent_Fault
<input type="checkbox"/>	2023/03/03 12:23	UPS/Ancillary/Ancillary_PSU/Anc...	Active, Unacknowledged	High	c4c30a74-a35c-469...	PSU0 DC Operating
<input type="checkbox"/>	2023/03/03 12:24	Gas_Mix/Gas_Mixing_House/KDR...	Active, Unacknowledged	High	4a1e78fa-65ae-4c7...	KDR1 Detected
<input type="checkbox"/>	2023/03/08 11:11	Access_Controls/Mode_8or17/M...	Active, Unacknowledged	High	0e1bbcb8-77d4-4af...	Mode 8_17 Detected
<input type="checkbox"/>	2023/03/09 12:31	3C8 above normal op temp.	Active, Unacknowledged	High	dbf32950-0d80-46c...	Above normal op te...
<input type="checkbox"/>	2023/03/06 15:25	2E1 below normal op te...	Active, Unacknowle...	Medium	f444e024-bf5...	Below normal ...
<input type="checkbox"/>	2023/02/27 11:02	UPS in battery operation.	Active, Unacknowle...	Low	460becec-a62...	Battery mode
<input type="checkbox"/>	2023/03/01 7:51	Access_Controls/_8X_Pl...	Active, Unacknowle...	Low	f8c15bf5-1ae...	8X Plug Door ...
<input type="checkbox"/>	2023/03/03 12:23	VESDA/Action/Alarm	Active, Unacknowle...	Low	de34d42d-9a...	Action
<input type="checkbox"/>	2023/03/07 12:26	Access_Controls/_8GE1...	Active, Unacknowle...	Low	49221743-85...	8GE1 Open
<input type="checkbox"/>	2023/02/28 16:35	DP_Panel/Program: 480...	Active, Unacknowle...	Diagnostic	0077af1c-9e6...	Rack Room (RR...
<input type="checkbox"/>	2023/03/01 10:04	DP_Panel/Program: 480...	Active, Unacknowle...	Diagnostic	460d174e-ec...	Chiller Platfor

What you need to know is..

1. Click the tab "LV 2W1 test" or "LV 2W3 test".
2. Use only "ALL ON", "ALL OFF" for ROC1 to ROC8 and for all.
Do not use the channel by channel buttons.
3. You can use "Detail" buttons to check if the voltages are really applied.

