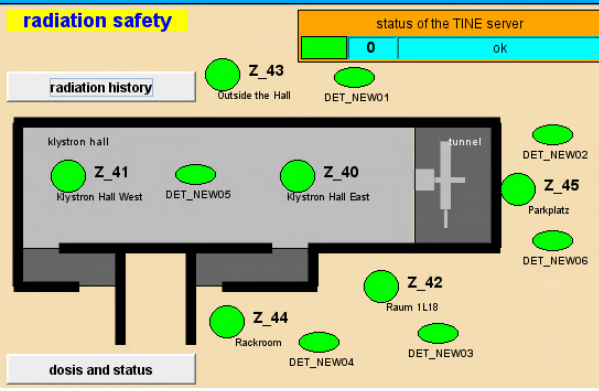


PPS 24.03.2016 AOB

- **Radiation sensors alarm**
- **MATLAB scripts for shifts**
- **AFS space cleaning**
- **Old hardware in the tunnel: Wire scanner, Streak measurements**
- **Steerer cooling**

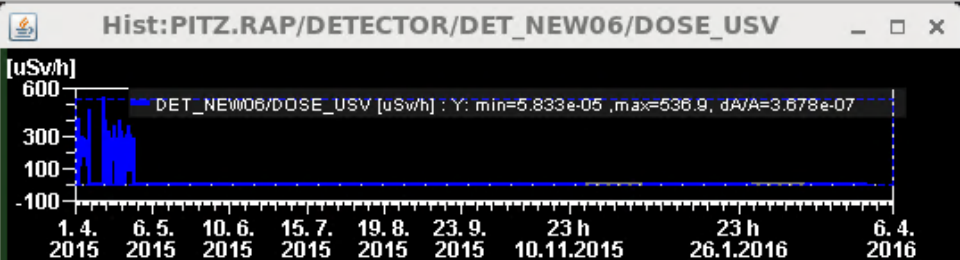
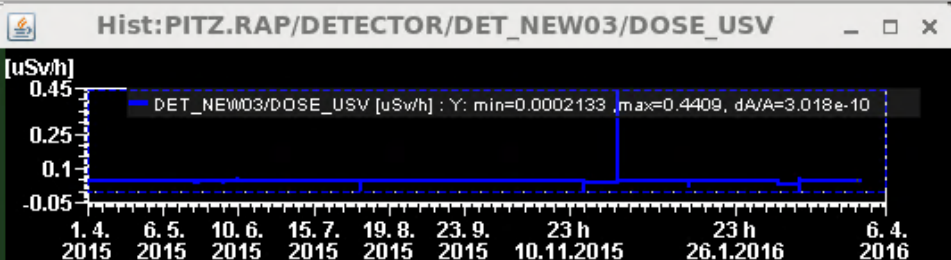
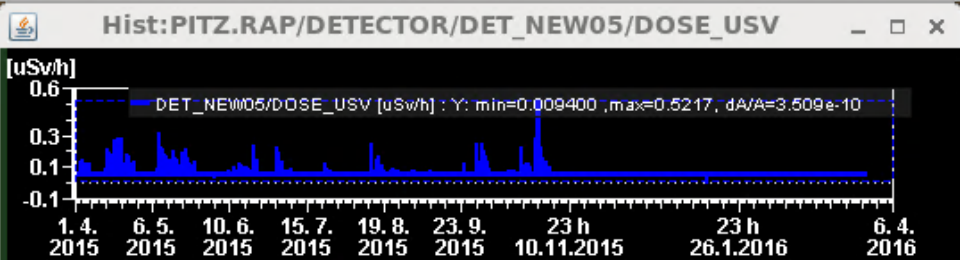
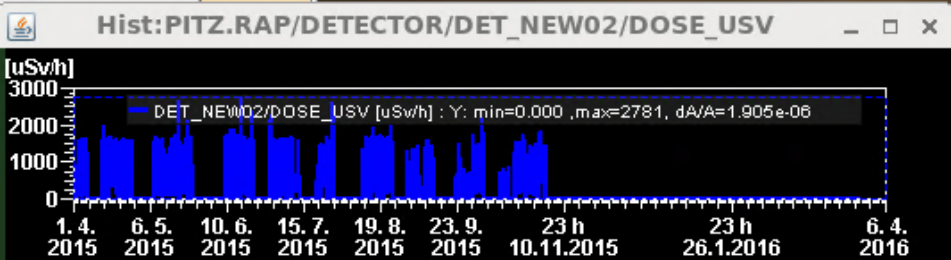
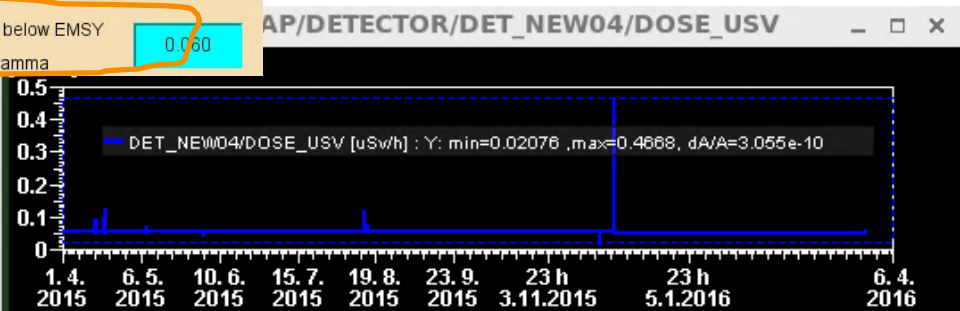
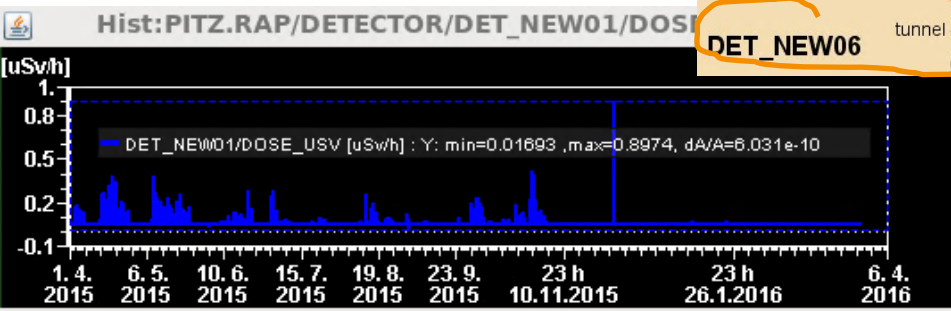
Igor Isaev
PPS
24 March 2016

Radiation sensors alarm: which detectors? which alarm values?



gamma detector	location	dosis (mikroSv/h)
DET_NEW01	outside hall - nord	0.054
DET_NEW02	tunnel - in HEDA du	0.132
DET_NEW03	1L18	0.047
DET_NEW04	rack roo0	0.055
DET_NEW05	klystron0	0.058
DET_NEW06	tunnel - below EMSY	0.060

All alarm devices					
SENDER					
KLYS1_VAC	detail	0	SPS_ALARW1	detail	0
KLYS2_VAC_WG1	detail	0	SPS_ALARW2	detail	0
KLYS2_VAC_WG2	detail	0	SPS_ALARW3	detail	0



➤ Proposal: A GUI window with buttons for MATLAB script running:

- Running via MATLAB but w/o MATLAB environment GUI
- Running via MATLAB w/o any GUI (java is off)
- Running w/o MATLAB – Compiled version of a script

MATLAB GUI	w/o MATLAB GUI	Compiled	w/o java
TDS measurement	OSS	Charge measurement	
Long ph sp (Malyutin)		LILI	
uTCA stability		Phase scan GUI	
Stability measurements		LT scan	
		DC scan	
		Mirror 56	
		OMA	
		BBA	
		QE (to be checked)	
		QE map (to be checked)	

AFS space cleaning: doocs/data volume MUST BE CLEANED

Quota	Usage	Perc	Volume	Mount Point
5.0M	21.0k	0%	root.afs	/afs
35.0M	54.0k	0%	root.cell	/ifh.de
5.0M	37.0k	0%	group	/group
200.0M	28.0k	0%	group.pitz	/pitz
50.0M	5.4M	10%	group.pitz.doocs	/doocs
150.0G	23.7G	15%	gn.p.d.data5	/DAQdata
100.0G	69.9G	69%	g.pitz.user1	/Isaev/ownv1m
150.0G	135.4G	90%	g.pitz.user2	/Isaev/ownv1m2
100.0G	96.7G	96%	gn.p.d.sim1	/Ivanis/sim1
110.0G	107.7G	97%	gn.p.d.data7	/Ivanis/sim2

Statistics

folder size

folder

```
1693 /doocs/data/Isaev/Slan/doc
122 /doocs/data/Isaev/Slan/examples/clans
34 /doocs/data/Isaev/Slan/examples/clans2
20283 /doocs/data/Isaev/Slan/examples/slans
8 /doocs/data/Isaev/Slan/examples/slans2
2 /doocs/data/Isaev/Slan/examples
135 /doocs/data/Isaev/Slan/fonts
261 /doocs/data/Isaev/Slan/genmesh2
489 /doocs/data/Isaev/Slan/Mtfview
1268 /doocs/data/Isaev/Slan/slans
1371 /doocs/data/Isaev/Slan/slans2
12639 /doocs/data/Isaev/Slan
```

Statistics results

```
q:\group \pitz \data \Isaev \ownv1m2 \get_AFS_dir_info \results \folder_name
```

> Old hardware in the tunnel:

- Wire scanner
- Streak measurements

> Steerer cooling for High1.St1, High1.St2, High1.St4 (MMP Electronics - #13)

- Proposal: **Heat pipe**

