

New elog features

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EP-DT
Detector Technologies

New tab: Alarms



Alarms and Warnings from LHC and non-LHC experiments

The aim is to help us quickly look at the alarms received

It's automatically updated every 10 minutes

Columns:

- **Date:** date of when the entry was inserted
- **Email timestamp:** when the email was received
- **Alarm timestamp:** the date parsed from the subject of the email
- **Category:** *unProcessAlarm*, *unProcessWarning*, *PLC* alarms or *PGS* alarms

Elog gas

ID	Date	Category	Alarm Name	Alarm Value	Alarm Unit	Alarm Timestamp	Alarm Category
41	2020-08-17 11:25:38	unProcessAlarm	LL Straw_Di_PT6375-08172020112538	5.3060007095337	mbar	2020-08-17 11:25:38	unProcessAlarm
42	2020-08-17 11:25:38	unProcessWarning	LL Straw_Di_PT6375-08172020112538	5.3060007095337	mbar	2020-08-17 11:25:38	unProcessWarning
43	2020-08-17 11:25:38	unProcessWarning	LL Straw_Di_PT6375-08172020112538	5.3060007095337	mbar	2020-08-17 11:25:38	unProcessWarning
44	2020-08-17 11:25:38	unProcessWarning	LL Straw_Di_PT6375-08172020112538	5.3060007095337	mbar	2020-08-17 11:25:38	unProcessWarning
45	2020-08-17 11:25:38	unProcessWarning	LL Straw_Di_PT6375-08172020112538	5.3060007095337	mbar	2020-08-17 11:25:38	unProcessWarning
46	2020-08-17 11:25:38	unProcessWarning	LL Straw_Di_PT6375-08172020112538	5.3060007095337	mbar	2020-08-17 11:25:38	unProcessWarning
47	2020-08-17 11:25:38	unProcessWarning	LL Straw_Di_PT6375-08172020112538	5.3060007095337	mbar	2020-08-17 11:25:38	unProcessWarning
48	2020-08-17 11:25:38	unProcessWarning	LL Straw_Di_PT6375-08172020112538	5.3060007095337	mbar	2020-08-17 11:25:38	unProcessWarning
49	2020-08-17 11:25:38	unProcessWarning	LL Straw_Di_PT6375-08172020112538	5.3060007095337	mbar	2020-08-17 11:25:38	unProcessWarning
50	2020-08-17 11:25:38	unProcessWarning	LL Straw_Di_PT6375-08172020112538	5.3060007095337	mbar	2020-08-17 11:25:38	unProcessWarning
51	2020-08-17 11:25:38	unProcessWarning	LL Straw_Di_PT6375-08172020112538	5.3060007095337	mbar	2020-08-17 11:25:38	unProcessWarning
52	2020-08-17 11:25:38	unProcessWarning	LL Straw_Di_PT6375-08172020112538	5.3060007095337	mbar	2020-08-17 11:25:38	unProcessWarning
53	2020-08-17 11:25:38	unProcessWarning	LL Straw_Di_PT6375-08172020112538	5.3060007095337	mbar	2020-08-17 11:25:38	unProcessWarning
54	2020-08-17 11:25:38	unProcessWarning	LL Straw_Di_PT6375-08172020112538	5.3060007095337	mbar	2020-08-17 11:25:38	unProcessWarning
55	2020-08-17 11:25:38	unProcessWarning	LL Straw_Di_PT6375-08172020112538	5.3060007095337	mbar	2020-08-17 11:25:38	unProcessWarning
56	2020-08-17 11:25:38	unProcessWarning	LL Straw_Di_PT6375-08172020112538	5.3060007095337	mbar	2020-08-17 11:25:38	unProcessWarning
57	2020-08-17 11:25:38	unProcessWarning	LL Straw_Di_PT6375-08172020112538	5.3060007095337	mbar	2020-08-17 11:25:38	unProcessWarning
58	2020-08-17 11:25:38	unProcessWarning	LL Straw_Di_PT6375-08172020112538	5.3060007095337	mbar	2020-08-17 11:25:38	unProcessWarning
59	2020-08-17 11:25:38	unProcessWarning	LL Straw_Di_PT6375-08172020112538	5.3060007095337	mbar	2020-08-17 11:25:38	unProcessWarning
60	2020-08-17 11:25:38	unProcessWarning	LL Straw_Di_PT6375-08172020112538	5.3060007095337	mbar	2020-08-17 11:25:38	unProcessWarning

Email

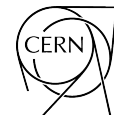
Reply Reply All Forward X Junk Close

LL Straw_Di_PT6375- 08/17/2020 11:25:38 (milli: 970)
NA62GCS@cern.ch [NA62GCS@cern.ch]

Sent: 17 August 2020 11:25
To: ScadaApp-GCS-NA62-SMS-unProcessAlarm (GCS NA62 unProcessAlarm SMS Users list)

Value=5.3060007095337 mbar Back-up pressure too low Rack 63
System: GCS_NA62
Category: unProcessAlarm
DS Host Name: cs-ccr-gcs01.cern.ch
DS IP Address: 172.18.202.77
web link:

New tab: Alarms statistics



Alarms and Warnings from LHC and non-LHC experiments

The aim is to count alarms vs. warnings, during working hours vs. holidays

It's automatically updated every 10 minutes

It counts the alarms and put the value in the 4 last columns

Alarms are grouped: each row is unique combination of ***Experiment*** and ***Week***

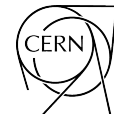
Working hours: **8:30-17:30, Mon-Fri**

The festivities in this link are excluded from working hours:

<https://home.cern/official-holidays>

Full Summary Threaded								
ID	Date	Author	Experiment	Week	Alarms during working hours	Alarms outside working hours	Warnings during working hours	Warnings outside working hours
8	24/08/2020, 12:37	Gas Dip (bot)	LHCb	35	1	0	0	0
9	24/08/2020, 20:50	Gas Dip (bot)	CMS	35	3	0	5	1
7	24/08/2020, 04:21	Gas Dip (bot)	ATLAS	35	0	0	0	3
10	25/08/2020, 09:15	Gas Dip (bot)	ALICE	35	14	0	0	0
4	20/08/2020, 15:21	Gas Dip (bot)	NA62	34	3	1	0	0
6	21/08/2020, 13:38	Gas Dip (bot)	LHCb	34	8	0	0	0
3	20/08/2020, 15:21	Gas Dip (bot)	CMS	34	0	5	0	4
1	20/08/2020, 15:21	Gas Dip (bot)	ATLAS	34	1	0	0	0
5	21/08/2020, 08:13	Gas Dip (bot)	ALICE	34	6	0	0	0
2	20/08/2020, 15:21	Gas Dip (bot)	CMS	33	0	2	0	0

New section: Material



Material Section:

- **Aging_validation**: the usual one
- **Material_borrowed**: the usual one
- **Material_Bought**: the new one for expensive orders



New tab: Procedures



Procedures:

- To be used for particular procedures for systems (ex start of of some systems, maintenance of some modules, use of some particular devices. etc.)
- Ideally 1 document word per module

The screenshot shows a web interface for the Gas System Status. At the top, there is a navigation bar with tabs: eLog Mainpage, Maintenance and Operation, CHG, New Projects, Gas System Status, and Mat. Below this, there is a sub-navigation bar with tabs: GASSYSOperationMaintenance, GAS PIQUET, Non-LHC Experim, and Procedures. A red arrow points to the 'Procedures' tab. Below the navigation is a blue header with the text: 'Detailed documents on operation of the system. To be used to insert guides on h'. Below the header is a form with the following fields:

Submit	Save	Preview	Restore	Delete
Entry time:	28/08/2020, 15:11			
Author:	Gas Monitor			
Experiment:	ALICE			
Detector:	TPC			
Module:	<input type="checkbox"/> Mixer <input type="checkbox"/> Distribution <input type="checkbox"/> Pump <input type="checkbox"/> Purifier <input type="checkbox"/> Analysis <input type="checkbox"/> Exhaust			

Below the form is a rich text editor toolbar with various icons for text formatting, alignment, and editing. The toolbar includes buttons for bold (B), italic (I), underline (U), strikethrough (S), subscript (x₂), superscript (x²), subscript (I_x), bulleted list, numbered list, indent, outdent, quote, link, unlink, and a help icon (?). Below the toolbar are dropdown menus for Styles, Format, Font, and Size, followed by color selection buttons and a help icon (?).