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## Status of Gas Systems

*This information is updated by the Gas Expert on stand-by every Monday*

### ALICE

\*Subsystem\*|\*Status\*|\*24h Piquet\*|\*Comments\*|\*detector expert\*

TPC	ON	-	Run mode. Ar / CO2
TRD	ON	-	Run mode. Xe / CO2
HMPID	OFF	-	CR5 Argon backup to flushing chambers. On the weekend, check the flow cells
TOF	OFF	-	C2H2F4 Backup
MTR	OFF	-	The outlet bubbler to the distribution is disconnected. Chambers to the p. atmospheric. Call 163763 if action is needed
MCH	ON	-	Run mode. Ar / CO2 [80 - 20]
CPV	OFF	-	Backup is Argon..... Ar-CO2 [83 - 17] One chamber to the channel 2 around 17.0 l/h. Rack 61 Envelop View PHOS N2 to Channels 1-2-3-4 each around 55 l/h
PMD	OFF	-	Backup is Argon .....Ar / CO2 [70 - 30]

### ATLAS

Subsystem	Status	24h Piquet	Comments	detector expert
TGC	Off	-	Run CO2-nC5H12 [55+45]	Henso 162530 and George 160507
RPC	On	-	Run Argon [100] + Purifier 1 et 2 ON in Manual/ Purifier 3 OFF	Giulio Aielli 162143
CSC	On	-	Run CO2-Ar [80-20]	Philipp Fleischmann 169676
MDT	On	-	Run Ar-CO2-H2O [93-7-0.008]	Philipp Fleischmann 169676
TRT	Off	-	Run Xe-CO2-O2	Konstantin Zhukov 160446 and Serguey Konovalov 163713
ID Flushing	On	-	CO2	Kerstin Lantsch 165897
TFC	Off	-	Run Air	Konstantin Zhukov 160446 and Serguey Konovalov 163713

CMS				
Subsystem	Status	24h Piquet	Comments	detector expert
CSC	<b>STOP</b>	-	Run CO2-Ar [50-40]+CF4 10%	Xiaofeng Yang 160270
CSC SX5	<b>STOP</b>	-	Run CO2-Ar [60-40]	Victor Perelygin 162185
RPC	<b>STOP</b>	-	Run C2H2F4-iC4H10-SF6 [95.2+4.5+0.3] + Purifier 1 et 2 ON/ Purifier 3 OFF	Anto Dimitrov 162692
DT	<b>RUN</b>	-	Run Ar-CO2 [85-15] Purifier OFF	Ignacio Redondo 168661
DT SX5	<b>STOP</b>	-	Run Ar-CO2 [85-15]	
GEM	<b>RUN</b>	-	Argon 100%	
CF4 RECOVERY	<b>STOP</b>			Andrea d'AURIA 160021 Roberto Guida 162146
			Valve CMSDT_Mx_YC1008 is in AUTO mode	

Flushing	<b>ON</b>	-	Check that there is flow in all lines (with the exception of ColdBox, i.e. #5)	165503; 165350; CMS-TC 165000
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TOTEM	Comments			
Subsystem	Status	24h Piquet	Comments	detector expert
T1 CSC	<b>RUN MIXER</b>	-	Argon 60% + CO2 40%	
T2 GEM	<b>STOP</b>	-	Argon 70% + CO2 30%	Turini 162474, 160907

LHCb	Comments	detector expert		
Subsystem	Status	24h Piquet	Comments	detector expert
GEM	<b>On</b>	YES	Run normal	
OT	<b>On</b>	YES	Run (YV-5003 Forced CLOSED and Purifier off, Pump Mix: Argon-CO2-O2 70-28.5-1.5 *in case of stop, restart system as soon as possible *	
Muon	<b>On</b>	YES	Run Normal	
Rich1	<b>Stop</b>	NO		
Rich2	<b>On</b>	YES	Run Normal, mixer auto	

Gas Supply to experiments			
	from	to	phone
D. JAILLET	2015		16 7151
	Ou	16 9439	

M. Wilhelmsson	Reserve	16 0056
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## Gas Piquet Log Book

\* Gas\_Piquet\_Interventions\_2013.xls: Gas Piquet Interventions 2013

### test

\* [[http://cms.web.cern.ch/] [http://prova.it]]

## Link to some of our Web Pages

- [GWG](#) home page
- [EDMS](#) and [MTF](#) pages
- [Maintenance & Operation pages](#)
- [Gas Chromatograph/Mass Spectrometer pages](#)
- [Gamma Irradiation Facility Logbook pages](#)

Here link to the CMS CSC SWC Gas Monitoring System: [CscMonitoring](#).

## Obsolete Information

Rack Test program

- The CompleteList and Status of mixers & distribution racks
- The TentativeSchedule (with names) for the tests

## Site Tools of the LHCgas Web

- (More options in [WebSearch](#))
- [WebChanges](#): Display recent changes to the LHCgas web
- [WebIndex](#): List all LHCgas topics in alphabetical order. See also the faster [WebTopicList](#)
- [WebNotify](#): Subscribe to an e-mail alert sent when something changes in the LHCgas web
- [WebStatistics](#): View access statistics of the LHCgas web
- [WebPreferences](#): Preferences of the LHCgas web ([TWikiPreferences](#) has site-wide preferences)

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