

## "LHC Operation: MP3 List of Issues" Status at 22 March 2010

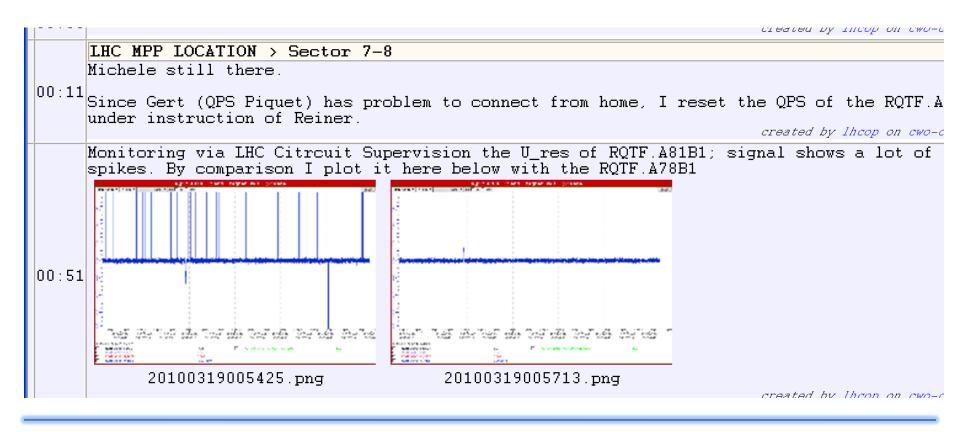
MP3 - Team

Problem	ACTION?	Remarks
Noisy QPS card	Yes	Card was changed
Beam Feedback request too high (see also below)	Under way	OP beam feedback software to be upgraded
		Do not precycle until the QPS intervention
Trip during precycle	planned)	(22/3)
	No (but	Do not precycle until the QPS intervention
Trip during proceeds		(22/3)
	plaineu)	(4475)
PC trip (earth fault)	Yes	PC piquet intervention
Faulty PC card	Yes	PC piquet intervention
Trip Origin not clear U DES to saturation		
	No	
within 5 ms, so not a natural quench.		
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soitware	Under way	OP beam feedback software to be upgraded
	No (but	
Trip due to cryo problem (TT)	planned)	CRYO intervention planned for 22/3
	Noisy QPS card Beam Feedback request too high (see also	Noisy QPS cardYesBeam Feedback request too high (see also below)Under wayNo (but planned)No (but planned)Trip during precycleNo (but 

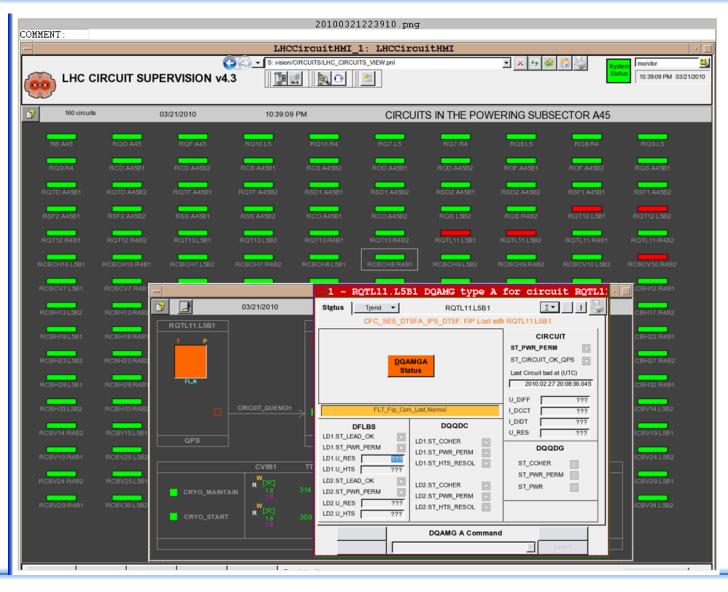
## Last night

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Circuit	Problem	<b>ACTION?</b>	Remarks
RCBXH1.L1			
(21/3 AM)	Trip at -133 A. probably related to PC.	no	
Sector 12		QPS picket called who	
(22/3 AM)	Trip at injection current. nQPS on RQD/F???	closed switches	To be analysed
Sector 56	Temperature excursion on current lead RSS.A56B2		To be evolved
(22/3 AM)	K55.A50D2		To be analysed

*Ex. (on the LEFT) of a noisy QPS board (that end frequently with a trip of the circuit). On the RIGHT a good signal for a similar circuit in another Sector. (NOTE: the noisy board was then changed)* 



## Problem of missing communication with controller of: RQTL11.L5B1&B2 and RQT12.L5B1&B2 (snapshot taken at 3.5 TeV)



MP3 Team

## *Ex. Of Beam Feedback correction "too hard to be digested" by PC and QPS.*

(Note Feedback was disactivated in yesterday runs at 3.5 TeV in order to avoid eventual trips during beam measurements)

