





Powering Tests Coordination meeting #105

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General info

NEXT WEEK: Access possible everyday between 9am and 5pm, **except Thursday**

Monday: IP8 cryo compressor filter regeneration - loss of cryo conditions for about 24h

Link to access constraints

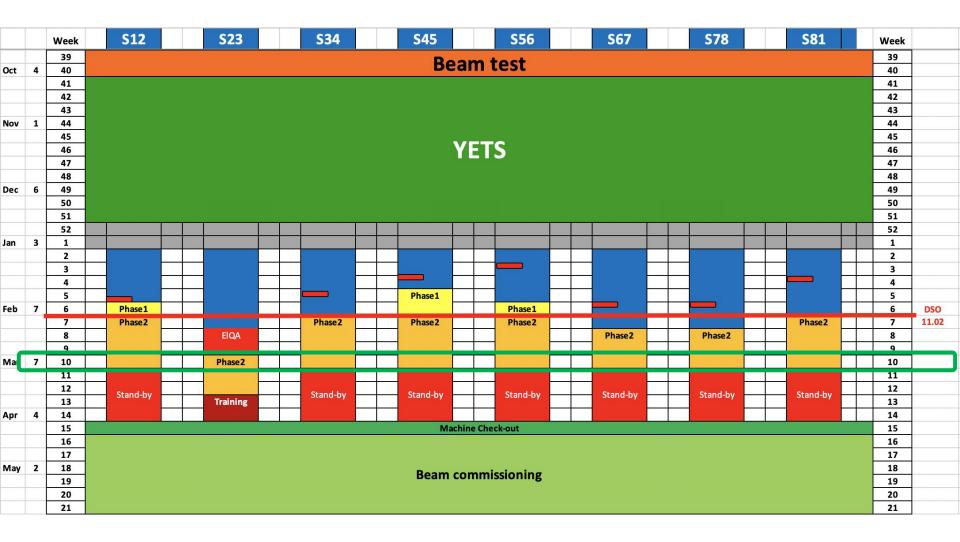






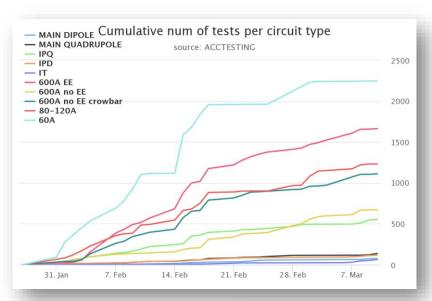
Powering tests planning

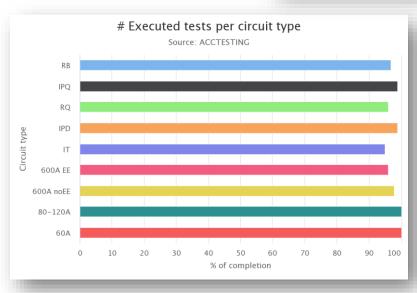






Powering tests advancement





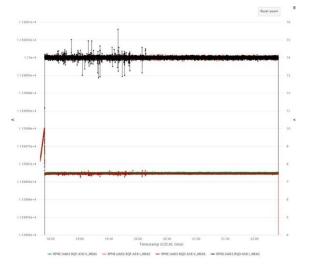




All sectors BUT S23

All circuits commissioned, but:

- RCBV24.L4B1 high resistance EIQA investigation revealed no problem in the cold part of the circuit. EPC intervention this afternoon
- RQX.L1 completed
- RQX.R1 completed
- RQD/F.A56 completed, noise on RQD I_MEAS
- ROF.A45B2 I_Earth fault detected by PC, PNO.a3 repeated successfully
- RQ6.R7B1 OK after PC replacement

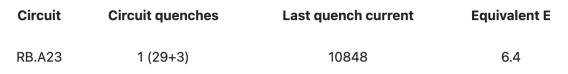


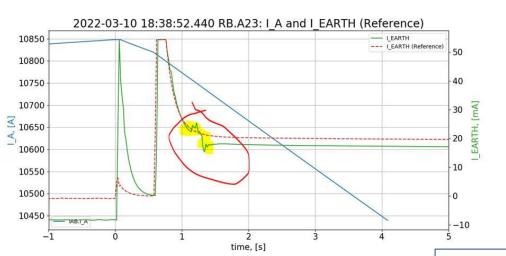
IP8 cryo compressor filter regeneration on Monday 14th March Loss of cryo conditions for about 24h

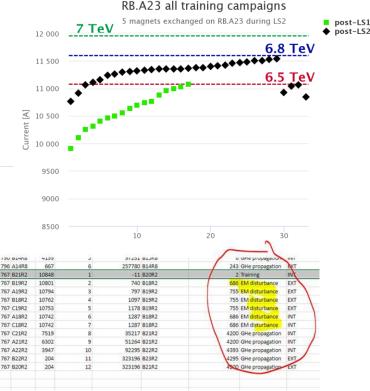
RB.A56, RB.A81 had 1 quench on flatop



Sector 23







RQD/F: ready for nominal current

IPQ/D: a few tests at I_PNO missing

• 600A: very well advanced

• 80/120A: almost completed

So many EM disturbances after the 1st quench cannot be normal. And what one can see on the FGC earth current decay is not normal as well. It is correlated in time with a batch of EM-disturbance trips.

Ad-hoc MP3 meeting @10am

Cryo intervention needed following the quench (electrical lock-out of DFB??)



Intervention on R2E-LHC600A-10V

- Problem with the ventilation of the R2E 600A converters identified
- It can be solved by adjusting a potentiometer that controls the fans (1 day per RR)
- PCC tests to be repeated after the intervention
 - RR13: Fri 11.03
 - RR17: Wed 9.03
 - RR53: Mon 14.03
 - RR57: Tue 15.03
 - RR73: Wed 16.03
 - RR77: Thu 17.03
 - + Fri 18.01 as additional day for IP7



EE maintenance validation

RB.A67+RQD/F.A67 - EE in IP6 maintenance only took place in the YEST

+

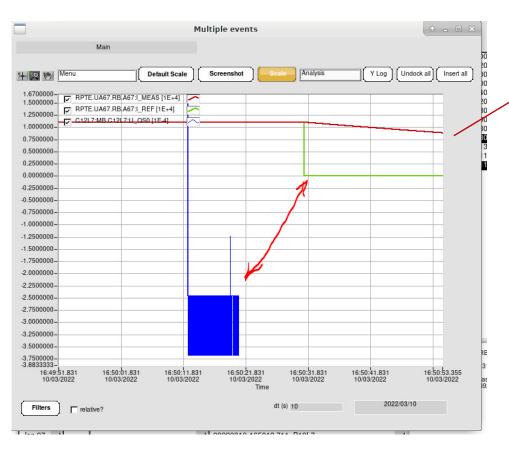
RB.A23 and RB.A34 to be repeated, due to maintenance in IP3

			PLI1.b3	PLI2.
		RQD.A12	27.09	27.09
		RQF.A12	27.09	27.09
			28.09	28.09
		RQF.A23	28.09	29.09
		BOD 434	16.00	16.09
				16.09
PLI1.b2	PLI2.b2	110(13/10-1	10.03	10.00
27.09	27.09	RQD.A45	13.09	13.09
09.03.2022 (28.09)	09.03.2022 (29.09)	RQF.A45	13.09	13.09
22.02.2022 (16.09)	24.02.2022 (16.09)			
13.09	13.09	RQD.A56	13.09	13.09
13.09	13.09	RQF.A56	13.09	13.09
22.02.2022	24.02.2022			
6.10	7.10	RQD.A67	22.02.2022	24.02.20
RB.A81 23.09	27.09	RQF.A67	22.02.2022	25.02.20
				6.10
		RQF.A78	6.10	6.10
		ROD 481	22.09	27.09
				27.09
	27.09 09.03.2022 (28.09) 22.02.2022 (16.09) 13.09 13.09 22.02.2022 6.10	27.09 27.09 09.03.2022 (28.09) 09.03.2022 (29.09) 22.02.2022 (16.09) 24.02.2022 (16.09) 13.09 13.09 22.02.2022 24.02.2022 6.10 7.10	RQF.A12 RQD.A23 RQF.A23 RQF.A23 RQD.A34 RQF.A34 PLI1.b2 PLI2.b2 27.09 27.09 RQD.A45 RQD.A45 22.02.2022 (28.09) 09.03.2022 (29.09) RQF.A45 22.02.2022 (16.09) 24.02.2022 (16.09) RQD.A56 13.09 13.09 RQD.A56 13.09 RQF.A56 22.02.2022 6.10 7.10 RQD.A67	RQF.A12 27.09 RQD.A23 28.09 RQF.A23 28.09 RQP.A23 28.09 RQP.A23 16.09 RQP.A34 13.09 RQP.A45 13.09 RQP.A45 13.09 RQP.A45 13.09 RQP.A45 13.09 RQP.A45 13.09 RQP.A45 13.09 RQP.A56 13.09



RB.A67 & RB.A78 special tests





Maybe to be repeated??
Pay attention at the timing between iQPS snapshot activation and FPA

