

AOBs, 96th IWG meeting

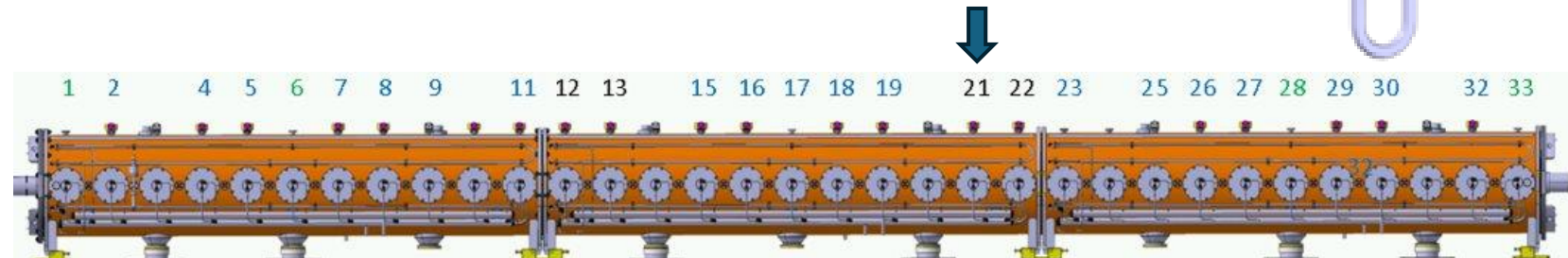
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938 MHz HOM failure in SPS 200 MHz TWC



Pictures & illustrations from SY-RF-AC team

- First one (11/07/2024) with vacuum problem due to crack in ceramic window during LHC filling preparation with $1.6e11$ ppb. However, just before, we had $2.4e11$ ppb at injection.
- For details, see Giulia's talk at IPP meeting: https://indico.cern.ch/event/1434561/contributions/6036246/attachments/2900059/5091949/20240719_IPP.pdf
- Now (17/01/2025, again cavity 3): no damage to the ceramic, but Teflon burned.



Measurement Requests/ Pending Requests/ Next IWG Topics

- **SY-ABT:**

- measurement of the MKP-L (spare magnet), after re-assembly.
- MKDH status?

- **SY-BI:**

- Possibility to install the SPS-BGI into the LHC during YETS 25/26 for study purposes.

- **Next IWG(s):**

- Presentation of TCPC goniometer stabilities during 2024 Pb run (D. Mirarchi, re-scheduled);
- Surface resistance and impedance effects of LESS processing for Q5 magnets (M. Himmerlich);
- PSB Bypass Measurements and Status (J. Bento).