

TC report

Davide Fiorina – GSSI & INFN LNGS

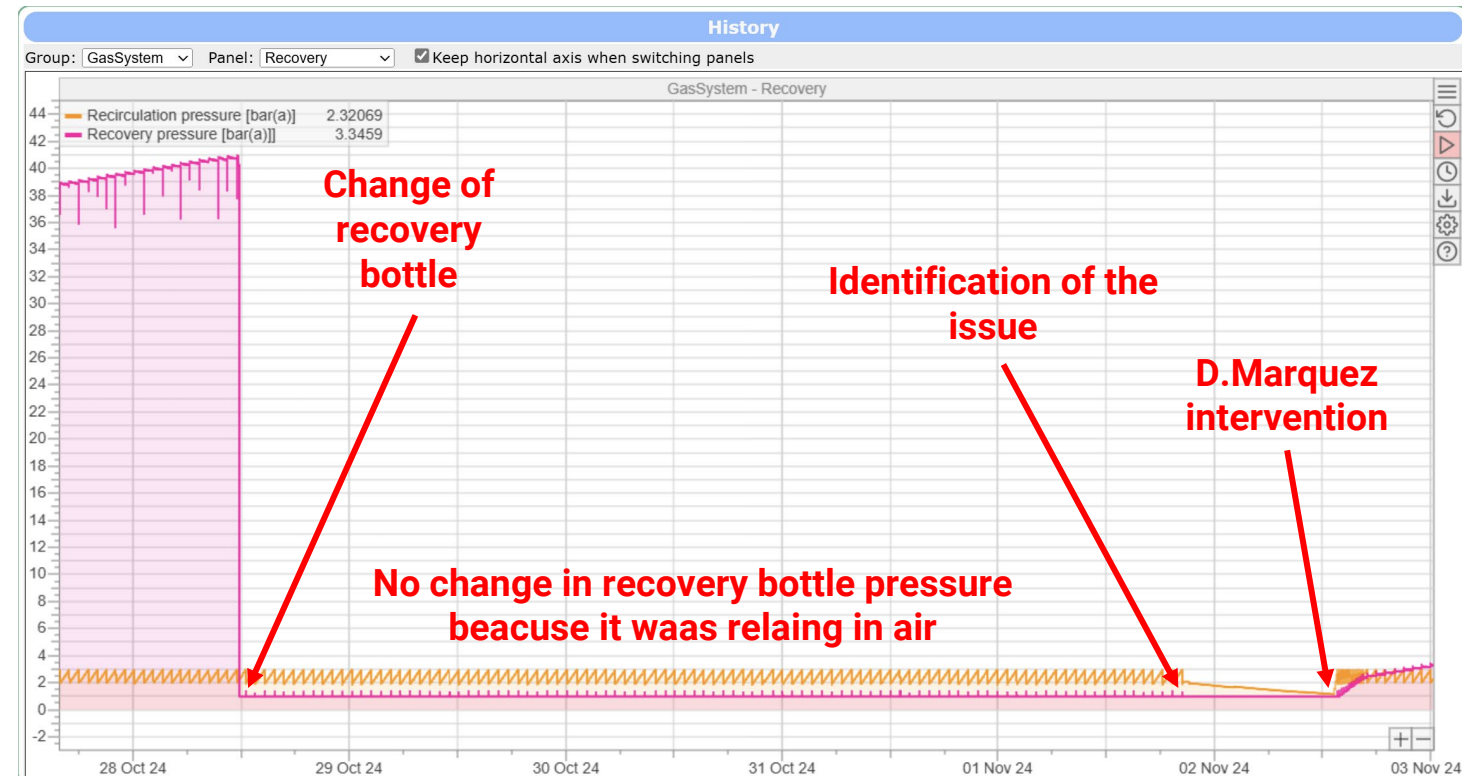
Report

Environmental radon dosimeter substitution 06/11/2024

- We asked for the reading of the previous sensor

Event of the 01/11/2024:

- Oxygen Deficiency Alarm triggered around 8 pm
 - Check with the independent instrument by the Fire department service did not reveal any oxygen deficiency
 - LIME sensor reading was good after a brief time
 - The fire department suggests that the **fake alarm was triggered by the migration of their service that happened in the same period**
- However, we discovered that the **recovery bottle** was connected to the gas system but **open in the air** i.e., we were realising gas in the air
- Not a safety hazard but an environmental issue and a violation of the operations standards
- Issue was identified and the new procedure for the recovery will be managed by the RC+TC



AmBe test:

- Inspection tomorrow (Cavoto) to check the polyethylene bars
 - We'll investigate with the Radioprotection expert if these are enough or if we need more shielding/simulation
- Source will be freed next week by Xenon
- LNF express support with technicians

- **Data taking with AmBe expected 2-18 Dec 2024**
- **Afterward, a test on the gas filters is expected during Winter break**
- **Possible R&D runs afterward tbd before LIME decommissioning**

HallF works:

- Contract signed by the company
- We plan to ask for a dedicated meeting company-WP4, comments?