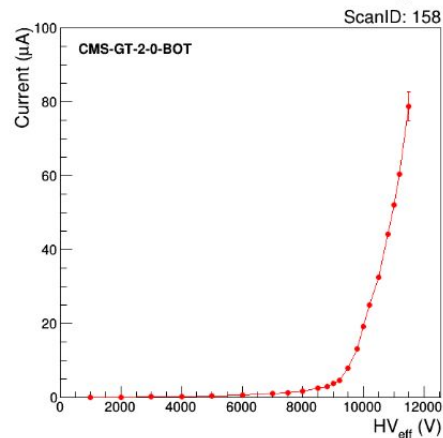
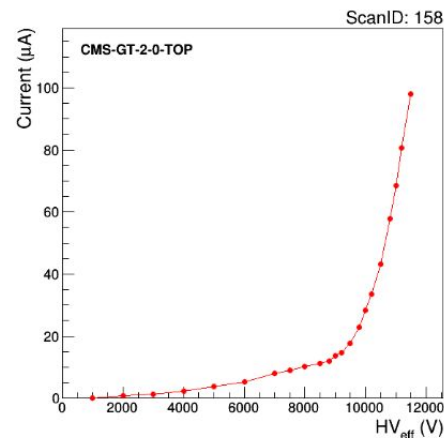
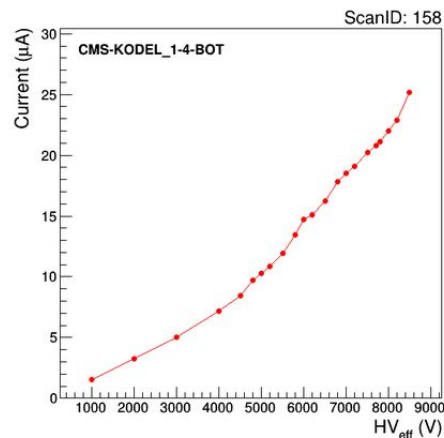
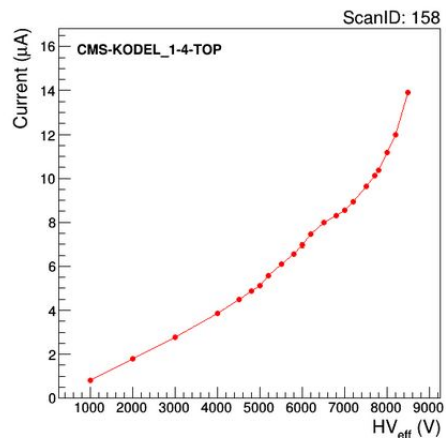
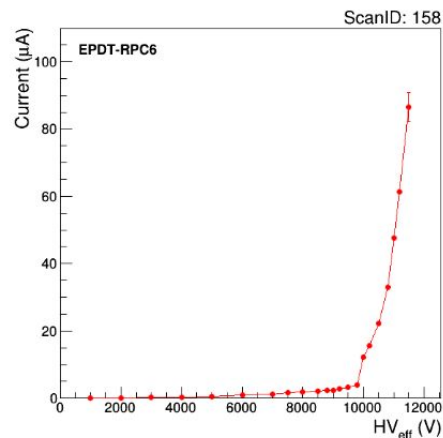


# RPC Ecogas Study – Remote shift report



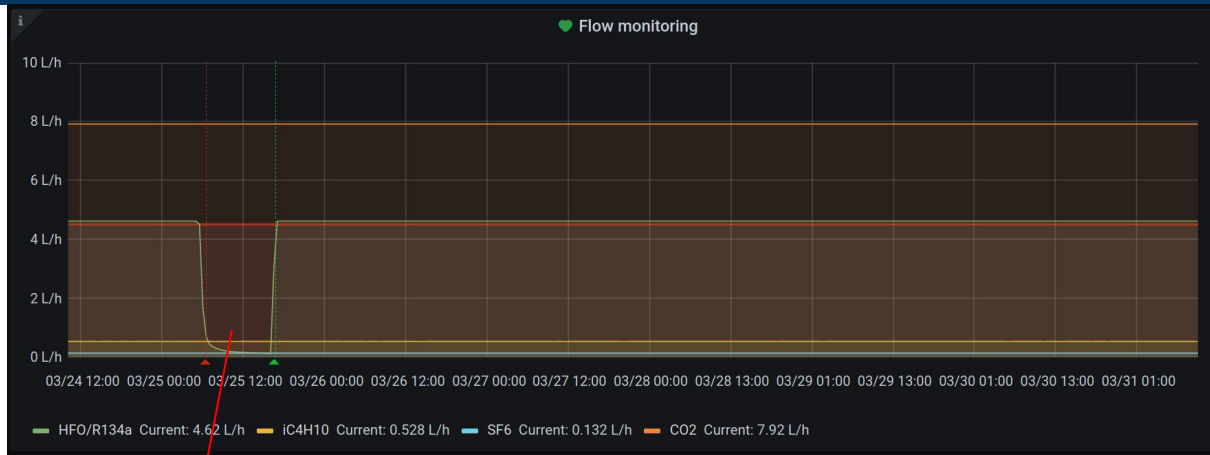
Amrutha Samalan

- **ECOGAS1: 45% HFO, 50% CO<sub>2</sub>, 4% iC<sub>4</sub>H<sub>10</sub>, 1% SF<sub>6</sub>**
- **ECOGAS2: 35% HFO, 60% CO<sub>2</sub>, 4% iC<sub>4</sub>H<sub>10</sub>, 1% SF<sub>6</sub>**
- **Performed three HV scans on March 24 when the source was OFF**
- **After HV scans chambers were turned OFF, since the HFO gas bottle was about to finish**
- **HFO got finished on March 25 and replaced on the same day evening by Mapse (2470 L was used)**
- **Chambers were turned on March 26 morning and Initiated stability run**
- **Today, weekly HV scan will be conducted**

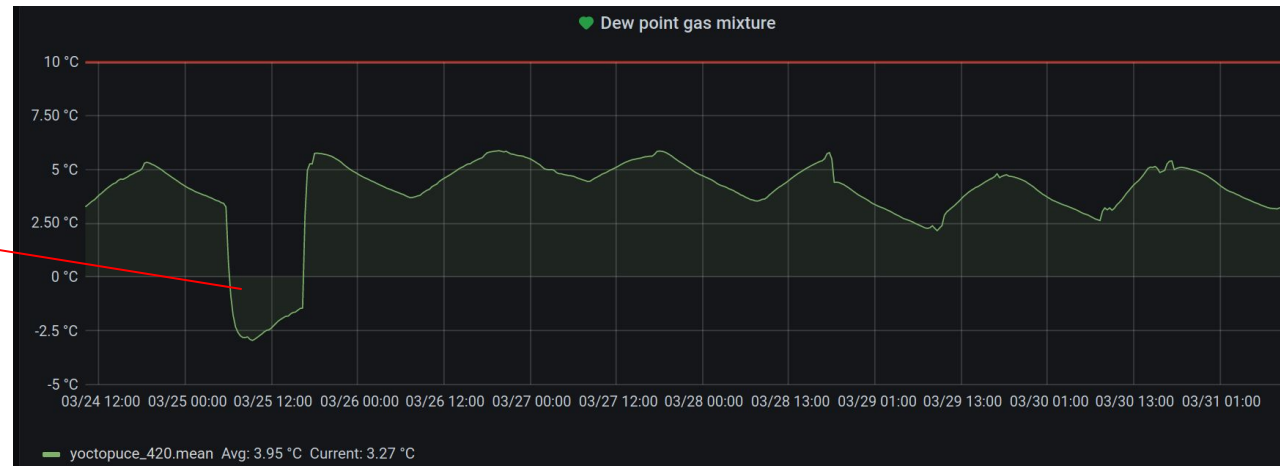


**The value of the dark current observed for all chambers is less compared to the previous scan except the CMS-GT-2-0-BOT gap**

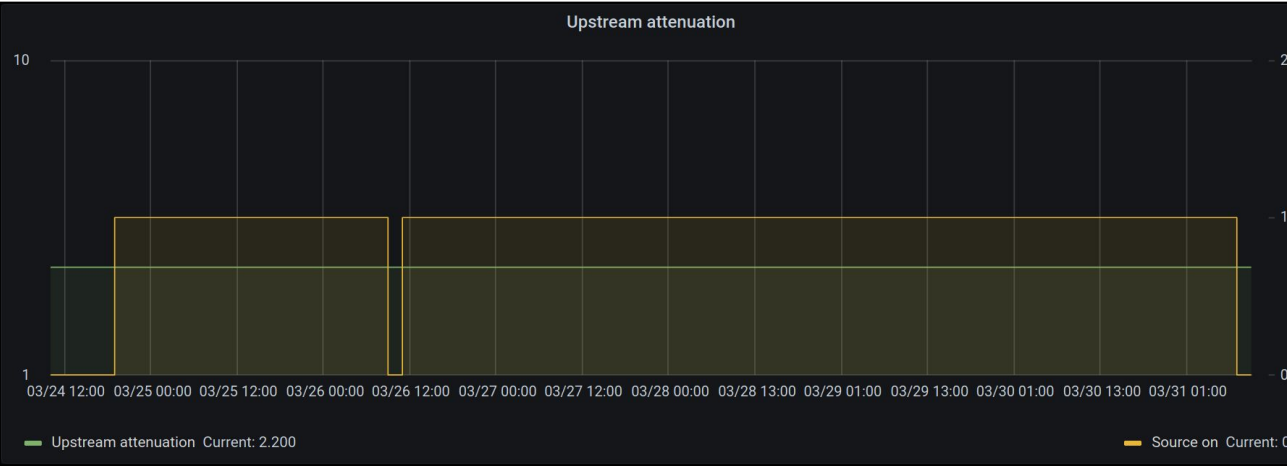
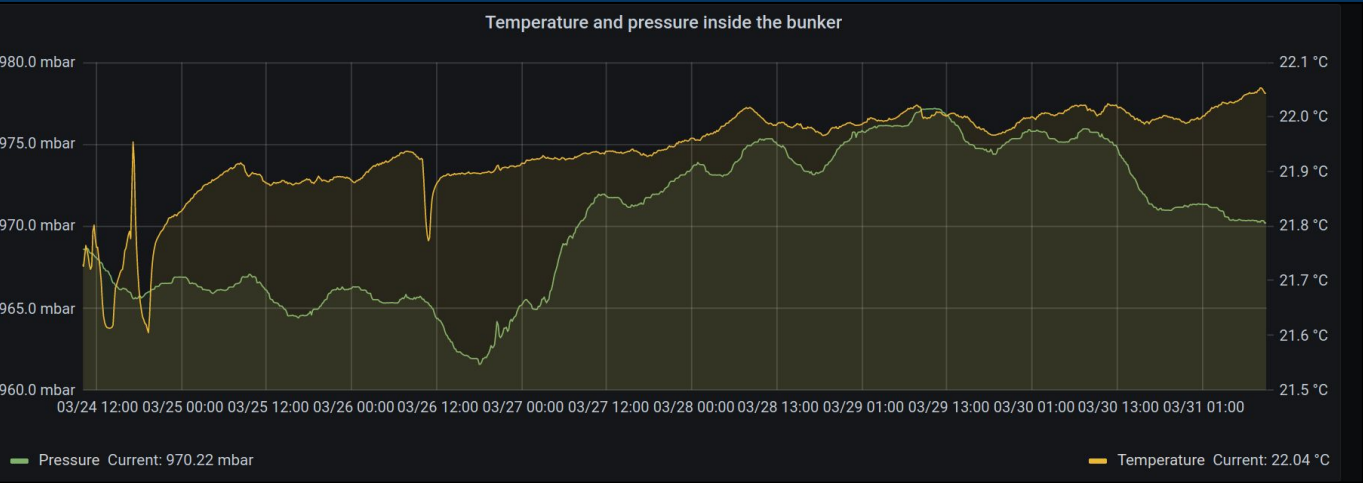
# Gas flow and Dew point



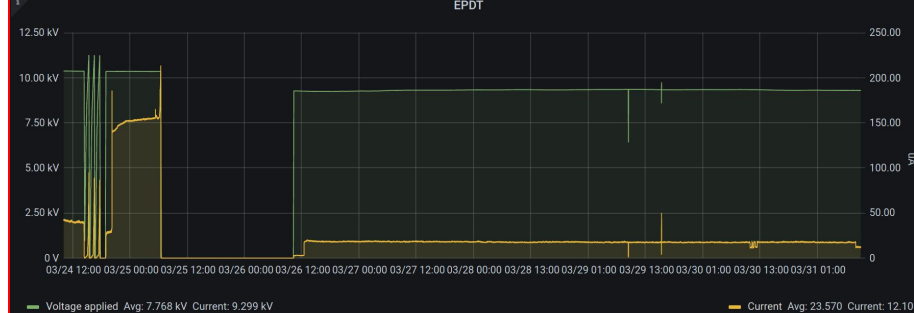
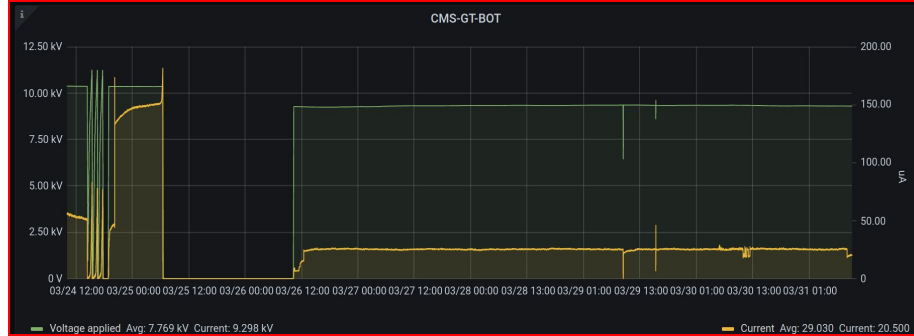
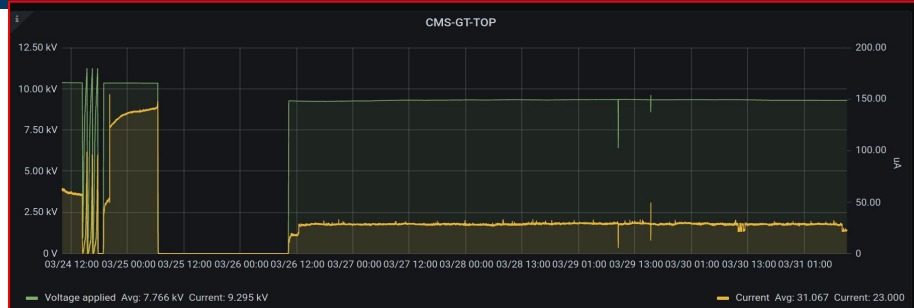
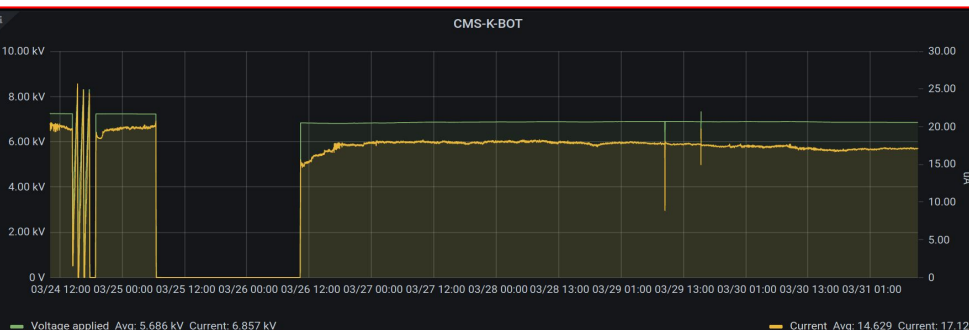
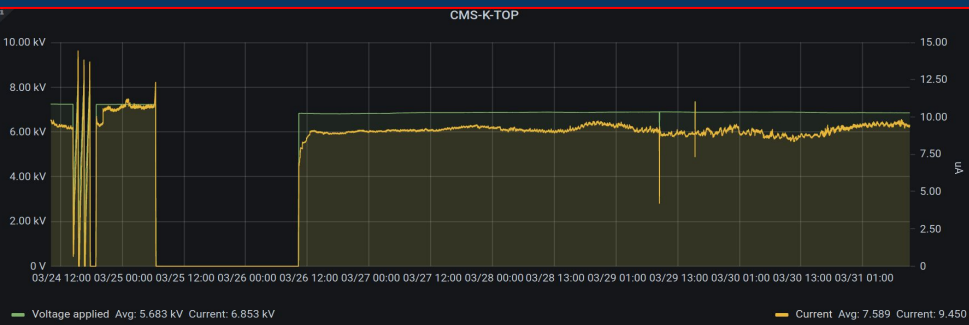
HFO bottle  
got empty



# Environmental parameters inside the bunker and source status



# Environmental parameters inside the bunker and source status



**Chambers were turned off on  
March 25 and 26**

Present status -stability run

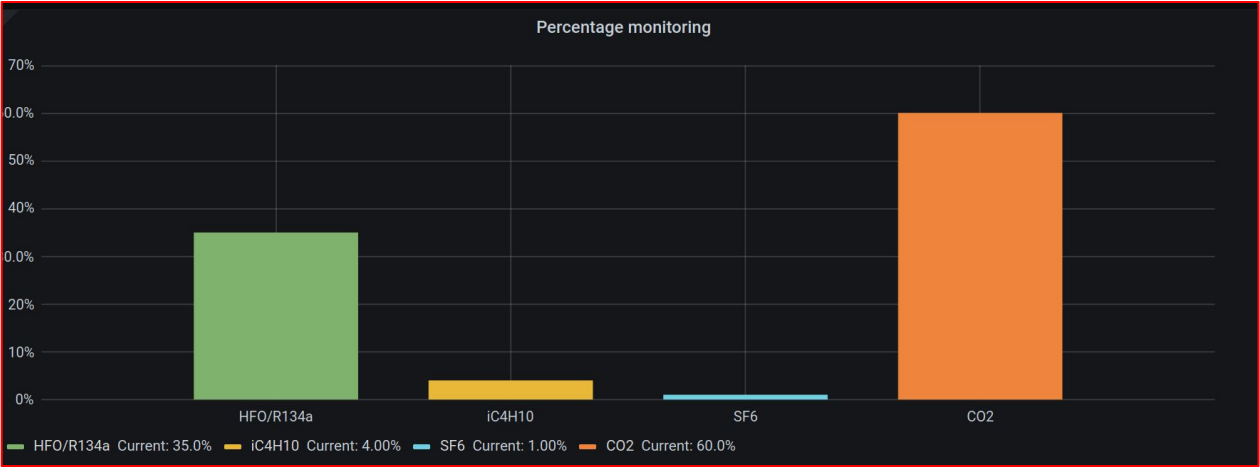
EPDT	CMS-K-BOT	CMS-K-TOP	CMS-GT-TOP	CMS-GT-BOT	ALICE
On	On	On	On	On	Off
9.30 kV	6.86 kV	6.85 kV	9.30 kV	9.30 kV	2 v

HFO used liters

630 L

Source status

0



# Thank you