

# Switch ON/OFF the active filters of the 8 arc dipoles converters

## MOTIVATION:

In **preparation** for the MD#3 proposal to detect the source of the “50 Hz harmonic” observed on the beam spectra (action of the [220th LMC](#)). See also <https://hackmd.web.cern.ch/s/Sy4F9I2zm>.

## QUESTIONS to rMPP:

1. Can we switch ON/OFF the filters with PILOT at injection (possibly during a PHYSICS FILL)? **BUT** with PILOT not enough signal the 50 Hz harmonics NOT visible...

2. After this test, **could we aim for an EoF test?**  
What are the different steps/tests suggested?



