

Location of additional sensors on the outer 11T –A CM

- Objective:
 - Measure the temperature distribution during CD/WU for various cryogenic inputs
 - Benchmark FEM model to propose reliable mitigation actions
- Proposal :
 - Benefit from CM envelope accessibility to instrument intensely with PT100 sensors
 - Connect sensors and acquire signals based on priorities
- Aim
 - Measure radial and longitudinal temperature gradients in the CM standard structure during CD/WU transients
 - Estimate the influence of features (secondary channels & busbars) in T-distribution

