

ATLAS  
HGTD

# Support unit

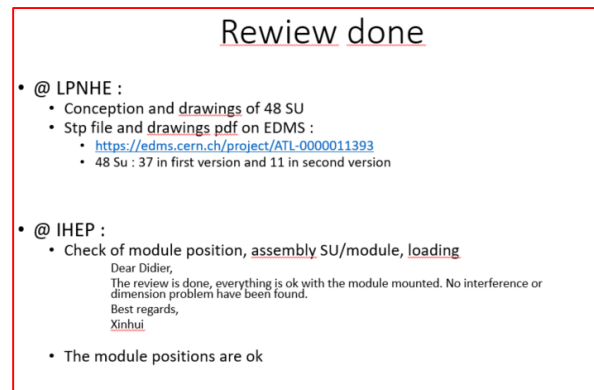
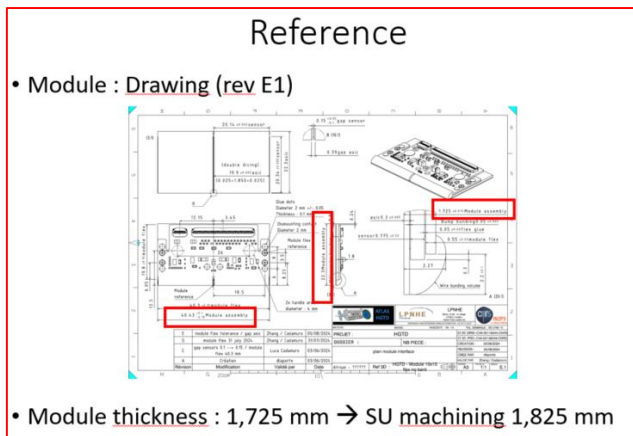
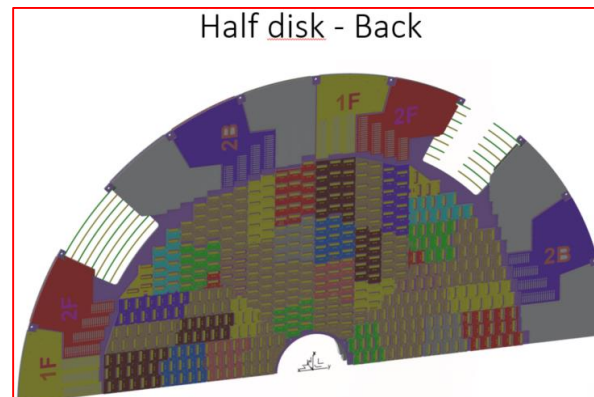
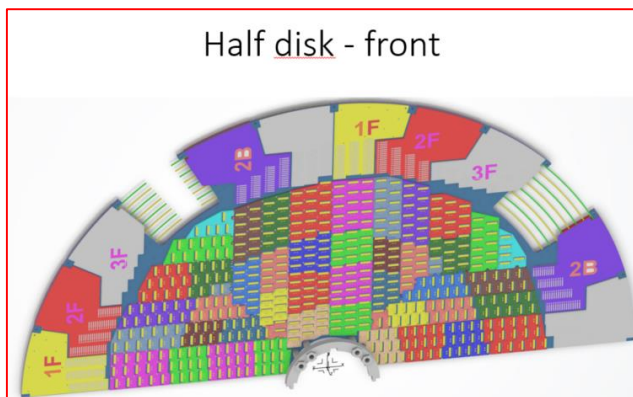
# Statut

HGTD – 2025 March 07<sup>th</sup>

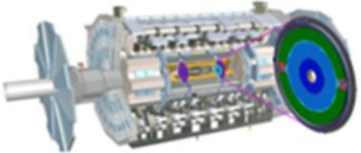
D. Laporte on behalf of LPNHE team

ATRIUM-1071607

Show Friday 17 jan 2025 : <https://indico.cern.ch/event/1489567/>



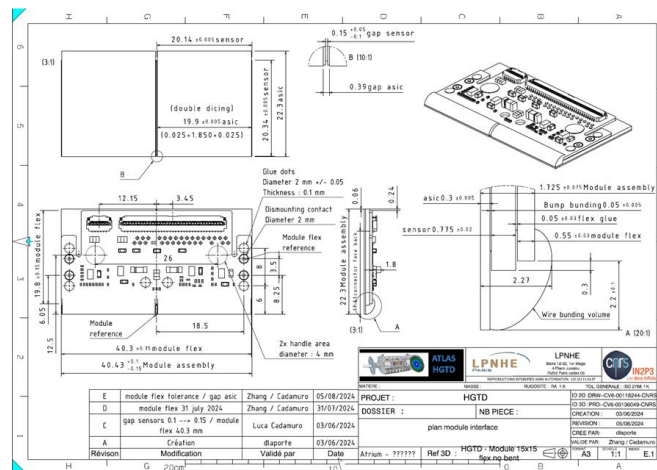
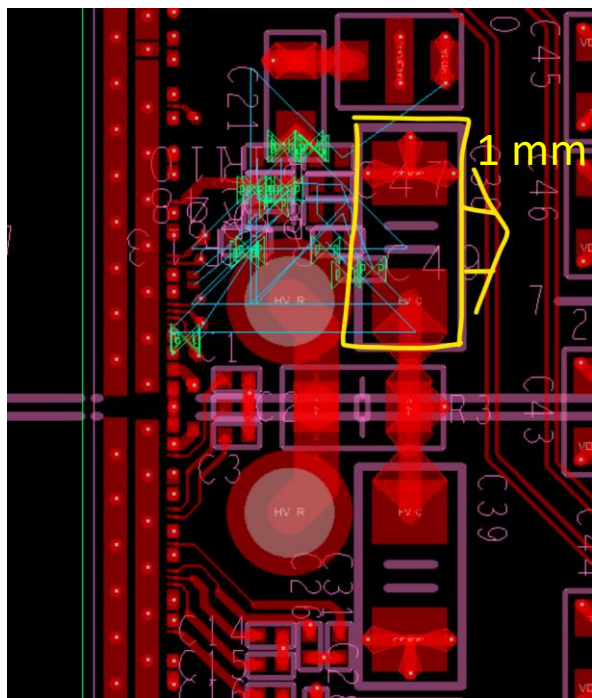
3D & Drawings availables : <https://edms.cern.ch/project/ATL-0000011393>



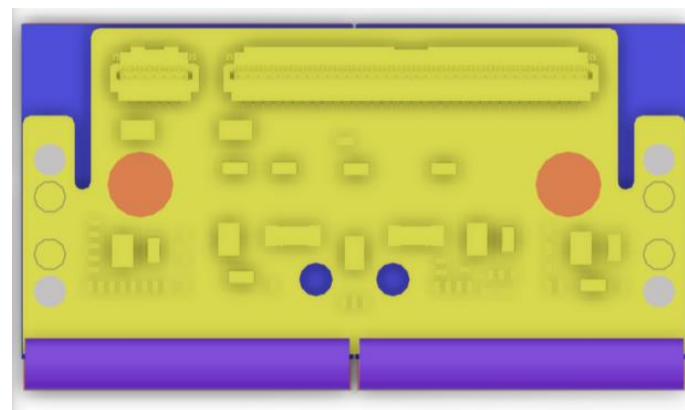
# Module flex change

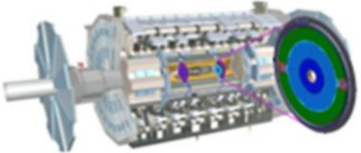
- Move the HV caps with the HV holes to right side by about 1 mm

- Module : Drawing (rev E1)



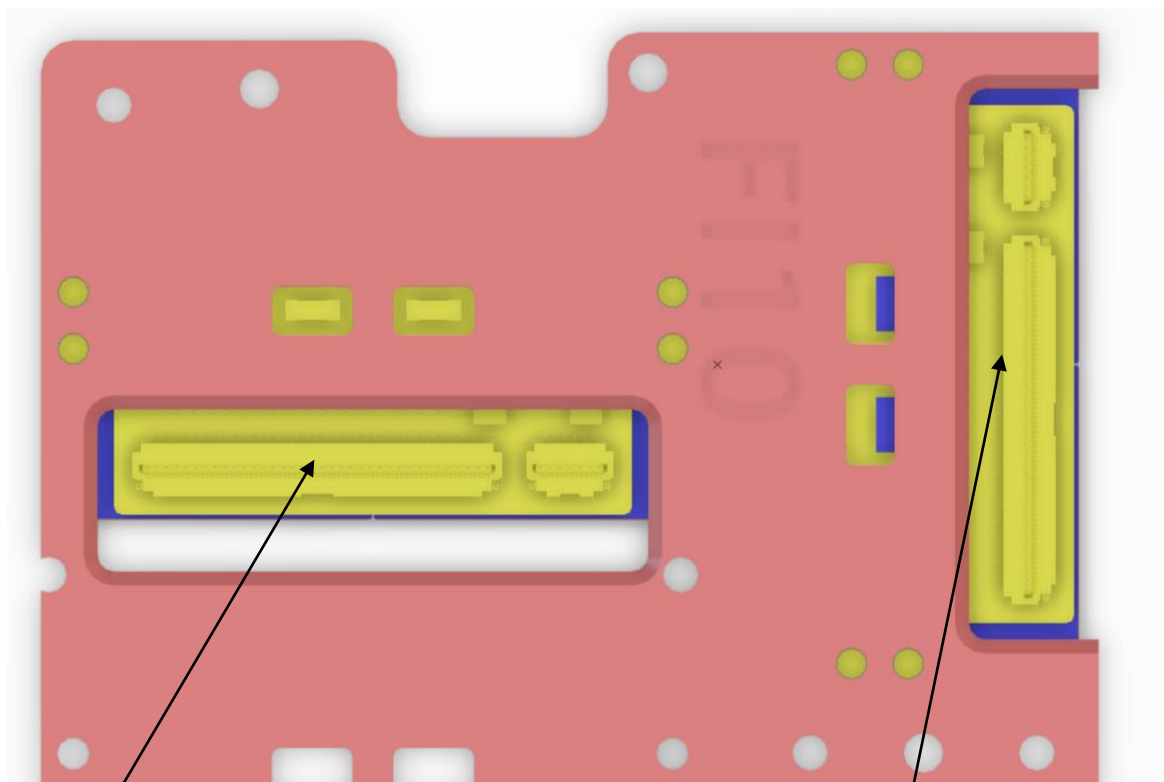
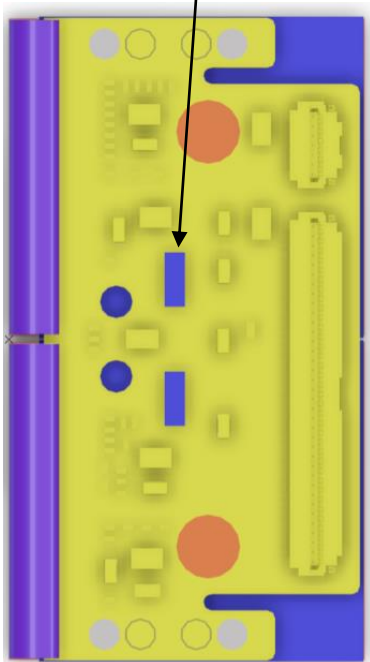
- Module thickness : 1,725 mm → SU machining 1,825 mm





New position capacitor

- FI10DU Loaded



Current version

New proposition



**SU design modifications**

- Work to modify the 48 SUs :
  - New module flex available
  - New module version drawing
  - Modify SU geometry to adapt
  - Validation Module & SU modification - T $\emptyset$
  - 3D & drawings new version (cad system)
  - 48 cad models modification
  - 48 drawings modification
  - Deposit drawings on EDMS

➤ Time needed T $\emptyset$  + 2 months