

ATLAS update on YETS

L. Pontecorvo

ECT Repair Status

- In September 2015 a non-conformity on the Bellows on the current leads of the ECT-C was found
- In December a review (P. Chiggiato Chair) was hold and the reviewers strongly suggested to proceed with the repair during this YETS



ECT repair Status

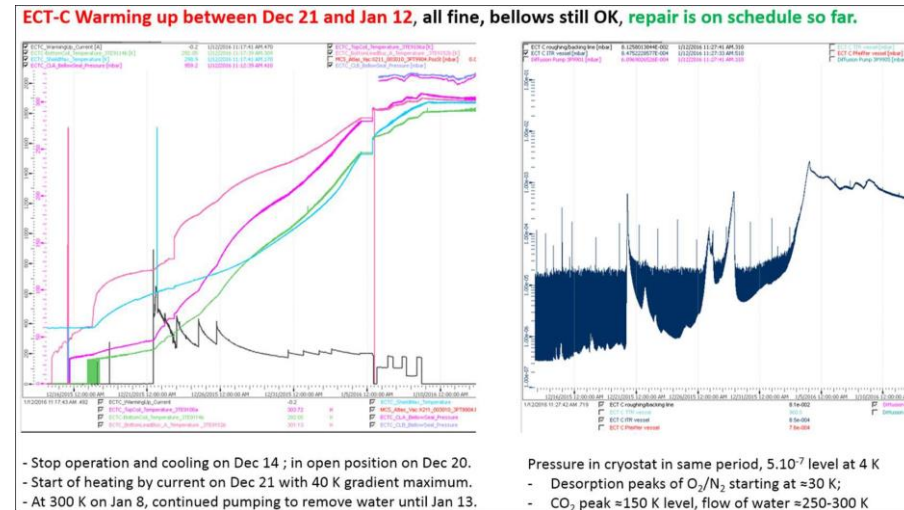
- Preparation of a rubber seal bag was done by Paul Cruikshank & his team (TE-VSC)
- Preparation of the welding procedure was done by (G.Fabre Central workshop)
- New Bellows were ordered and received after Christmas



Huge thanks to P. Cruikshank and team and G. Fabre and team for the wonderful collaboration and for their dedication and commitment

ECT Repair Status

- ECT was warmed up during Christmas
- Reached 300 K on the 7 of January
- The damaged bellows elongated by 35 mm without breaking and also the rubber seals withstood the procedure
- The ECT Volume was pumped up to the 18 of Jan to remove water, and then the Vacuum was broken



ECT Repair Status

- Check of internal damage was performed with an endoscope on the 19 of Jan
- No damage was found and a decision NOT TO OPEN the turret was taken.

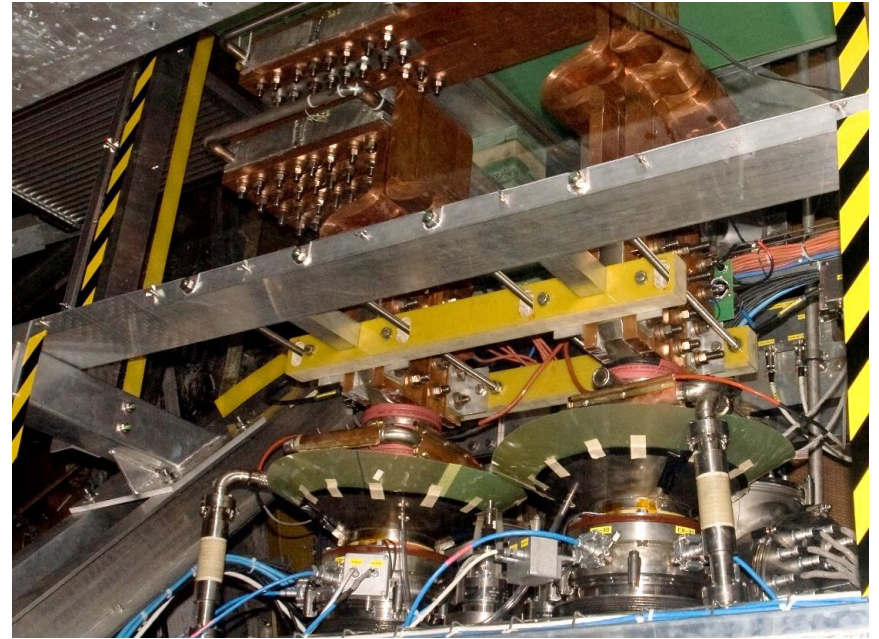


ECT Repair Status

- The new larger bellows have been welded Thursday and Friday last week
- Last check on tightness will be finished on Thursday (About one week ahead of schedule)



ECT Repair Status



- Now restoring operational conditions
 - Reconnect Helium and vacuum lines
 - Vacuum pumping and leak testing
 - Recommissioning of all lines
 - Then move ECT inside ATLAS and start cooling
- ATLAS can be fully closed on the 10 of March