

Minutes of APA Consortium meeting

29th April 2024

Chicago update - Ed Blucher

2 weeks ago, Chicago were preparing the frame for APA 2. Now: the X-layer is finished on APA 2 and they are currently doing the tension testing. Waiting for a new set of V-layer boards to be delivered from Daresbury to enable the V-layer winding to begin.

Chicago also need material (photon detector rails and cables, and mesh panels) so that they can start pre-production of APA 3.

Daresbury update - Sotiris Vlachos

Daresbury currently have 3 APAs being wound: 9, 10 and 15. They are all at some stage of the V layer.

On winder number 2, where APA 9 is, the V-layer tension measurement showed only 2 wires out of tension, which is by far the best ever result achieved on a diagonal layer.

APA 12 shorted channel root cause analysis - Justin Evans

See the slides reporting the investigations undertaken by Anthony, Sotiris, Brian and Justin. The full root cause document is available in

<https://edms.cern.ch/document/3082407/1>

and also provides the recommendation of proceeding with the APA with all wires in place on the shorted channels. This will be approved and released if there are no further comments in the next 28 hours.