

EBIT HV Duct Nov. 09, 2009 Meeting Minutes

Date & Location:

Nov. 10, 2009 @ 10:00 am. Design Office Lunch Area.

Present:

- 1.) Mel Good
- 1.) Daniel Rowbotham
- 2.) Dan Louie
- 3.) Zlatko Bjelic

Absent:

- 1.) Franco Mammarella

Minutes:

- 1.) Meeting called to order @ 10:07 am.
- 2.) A short discussion ensued about Franco's absence; it was decided to continue the meeting in Franco's absence. Daniel R. suggested that since it was Franco who wanted the meeting, he should be the one to schedule another one if he wishes to have input on any of the issues discussed.
- 3.) There was a short discussion concerning the mechanical assembly and structure supporting the High Voltage Duct. No major issues were identified, but it was stressed that all gaps between the High Voltage and Ground Surfaces MUST be Minimum six (6) inches.
- 4.) A discussion about easily removable vs. tool removable panels occurred. Clarification was required as per the locking method for all types of panels. Dan L. recommended that we follow the accepted industry standards; ie. Panels that are designed to be opened on a regular basis without tools MUST have the TRIUMF standard key locking system implemented so that the key accessing procedure makes the system safe for access. Panels that require tools to remove do not require a key for access, but a maintenance procedure must be written that renders the system safe before maintenance work commences. This procedure MUST conform to all existing electrical safety requirements and it MUST be understood and followed by all the qualified technicians involved.
- 5.) Dan L. wanted a method that provides continuous grounding to the exterior (ground) surfaces during maintenance work when some parts of neighboring panels may be removed. Mel G. suggested using thin continuous strips of copper that bridge panels. This method is common on similar duct systems installed by the ISIS Group.
- 6.) A short discussion about the function and design of the EBIT followed to provide everybody with an understanding of its construction and operation.
- 7.) Daniel R. requested a rough time line showing when the High Voltage Duct is required for the EBIT.
- 8.) Meeting concluded @ 10:25 am. Mel G. took Dan L. to the TITAN Platform to show him the existing set-up.

Thanks! Mel. Nov. 09, 2009