

# Minutes of the 9<sup>th</sup> BLM Threshold Working Group Meeting March 10, 2015

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*Present:* B. Auchmann, C. Bracco, E. B. Holzer, M. Kalliokoski, O. Picha, N. Shetty, E. Skordis, A. Verweij

## **Final Thresholds Checks for Arc/DS (M. Kalliokoski)**

First, the discussion on family naming was resumed. Including “ARDS” in the family names of MBMB and MQ families will help localizing them in an alphabetically ordered list of families.

Matti reports that debugging of the thresholds generation tool has taken more time than expected, but that by now MBMB and MQ-position-1 families have been created and thresholds were generated – not yet including Ondrej’s last changes to the templates which should improve the monotonicity with energy of thresholds at the low-energy rows of the thresholds table. No position-2 families have been created yet. Matti also showed plots of newly created thresholds vs. pre-LS1 thresholds.

It was discussed that over the next weeks Ondrej could help with the double-checking of thresholds generated by the tool vs. his Excel sheets. Moreover, once thresholds are deployed to the cards, Ondrej could run scripts that access the logging database and verify the actual thresholds. Note however that Ondrej will be around only until the end of March!

## **Status of Injection Families (E. B. Holzer)**

Barbara recalled that the most critical families that must be created with new thresholds for startup are of course arc and DS families, as well as families containing those monitors affected by injection showers which have been equipped with new RC filters, or where IC monitors have replaced LIC monitors during LS1. Barbara commits to guarantee that these aforementioned families will be ready by startup. Beyond that, we will produce as many updated families as time permits. All monitors that are not updated will have pre-LS1 thresholds at startup.

Bernhard and Ondrej report that the only additional data that they will provide are new templates for the family of monitors affected by wire-scanner losses, as well as new thresholds for MQWs.

It was agreed to create a spreadsheet that allows to monitor the progress of all generation and verification steps of updated thresholds around the machine.

## Next Meeting

The next BLMTWG meeting will be on Tuesday, March 17, 10h30 in Bldg 864 1-C02. Topics will include

- Status of thresholds generation for Run 2 (M. Kalliokoski et al.).

Minutes by B. Auchmann (TE-MPE)