

- page 1, lines 12-14: I guess this description needs an update

Fixed.

- page 3, Introduction: Tile data path is not mentioned at all, while TREX gets mentioned for the first time only at the bottom of the page (line 75 - which is quite confusing, one may think TREX is another LAr board). Could you add here a brief description of TREX/Tile input ?

TREX is now mentioned in the first paragraph, could you perhaps provide some brief description to further add to the second paragraph?

- page 3, line 59: broken reference, i.e. "Sec. ??".

Fixed.

- page 3, line 76: "fibre labelling" instead of "fibre ordering" (the order is not mentioned in this section) ?

Adopted.

- page 3, line 77: could also add a reference to TREX documentation, e.g.:
https://edms.cern.ch/ui/file/1533071/0.2/TREX_TechSpecs_v0.2.pdf

Very nice addition, thank you. I've added a reference after the one for Latomes.

- page 4, Table 1: same comment as Murrough, the Tile towers cover the eta range 0-1.5 (as EMB).

Fixed.

- page 5, line 79: each TREX covers a phi range of 1.570 (16 towers in phi) and not 0.780 (only 8 towers). This is identical to the first column in Table 2 (i.e. for EMB and EMEC).

I was working in pi instead of 2pi accidentally, this has now been fixed.

- page 7, section 2.4 "Fibre Usage": again, Tile input is not described at all.

I grabbed this information from Latome people, it would be great if you could provide some TREX information to be added.

- page 12, Figure 6: I am a bit confused by Murrough's previous comment on this figure. I thought LArFOX_B does not receive fibres from TREX/Tile. Probably he meant LArFOX_D? In any case, I guess Figures 9, 10, 20 and 21 would need to be updated, too.

LArFOX_B does not receive any TREX fibres. Anyway, this diagram was updated, and hopefully addresses any comment on this side. Indeed LArFOX_D receives the eFEX inputs from TREX.

- page 13, Figure 7 (bottom): I do not understand the TREX numbering convention. Could you please explain it? Also, as already suggested by Murrough, please enlarge the font of the TREX text.

The text has now been enlarged and the naming updated. I now give the naming in the already prepared bundles that you will send in the agreed scheme. Hopefully the naming is now more

logical, with respective “C” and “A” sides, numbers 1-4 for the quadrant. If you want an individual name for each bundle, you can just remove the “eFEX”, “jFEX”, or “gFEX” part of the string name.

- page 45, line 534: I cannot access the ribbon mapping GoogleDoc. Is the link valid? I would like to have a look at the mapping of the TREX fibres/ribbons.

I've now moved this to an EDMS document: <https://edms.cern.ch/document/1865818/1>