

ACTION	STATUS
88 <sup>th</sup> TCC: Get estimates of the dose on the Q4 when inverting the sign of the crossing angle and also in the case of a variation of the crossing angle.	WP10 ready to report at TCC.
88 <sup>th</sup> TCC: Check if a scenario where we can survive Run 4 exists (without Q4 rotation), and what could be improved.	
88 <sup>th</sup> TCC: O. Brüning asked to prepare a summary describing the full impact of rotating the Q4 magnets and the related impact on the service module (DCL) of the QRL. Dose estimates when changing crossing angles orientation shall be given for end of Run4 and HL-LHC	Ongoing
88 <sup>th</sup> TCC: In the DS, in case of replacing MCBC with MCBY, if tungsten inserts (or other materials?) into the MCBY magnets can be implemented as a shielding layer, then D. Schoerling suggested to Rob van Weelderen to estimate if the current design of the shielding is conform to cooling requirements.	Ongoing
88 <sup>th</sup> TCC: O. Brüning asked to identify also the dose for magnets further downstream than Q9 so that one can discuss the possible consequences before Run4	No MCBC correctors beyond Q9. Action can be closed ?
88 <sup>th</sup> TCC: Provide a summary table clearly outlining the contributions due to Run 3 and the post LS3 HL-LHC era with separation into Run4 and Run5 + Run6 contributions	Slide 10 provided by Marta on her <a href="#">presentation</a> but not presented at TCC

