

Title: TDI - past observations/limitations and improvements for 2016

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In Run 1, the LHC injection absorbers (TDIs) were affected by several anomalies including structural damage of the beam screens and elastic deformations of the jaws due to heating during fills. Other issues became apparent in 2015, like excessive vacuum spikes, which gave rise to several beam dumps, as well as quality issues affecting the hBN absorber blocks. This presentation briefly summarizes past observations and issues (like impedance), and describes the modifications which have been implemented in LS1 and which are foreseen to be implemented in the YETS 2015/2016. In addition, the expected implications and improvements for operation in 2016 are discussed.