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Transfer and Injection

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Based on the TI8 experience, the measures needed to reach the required state of readiness of TI 2 and TI 8 to deliver beam to the LHC during the commissioning phase are discussed. The main objectives for the performance of the transfer lines and injections at this stage of the LHC commissioning are outlined, and the impact of the lower demanded intensities on equipment and machine protection commissioning is addressed. The procedures for commissioning the first injection in the LHC are described. Subsystem dependencies –radiation, instrumentation, controls –and the necessary pre-testing phases with beam are highlighted.

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