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Operation of the ATLAS detector with first collisions at 7 TeV at the LHC

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The ATLAS experiment at the LHC started to accumulate 7TeV pp collisions data early in 2010. We shall report on the operations of the detector, discussing e.g. details of the detector status, the data acquisition efficiency with beam, the online measurement of the LHC luminosity. The online monitoring and data quality assessment will be described.

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