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Operation for TOTEM

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The TOTEM experiment requires special running conditions in terms of beams, optics and stability around IR5. In addition TOTEM requests short one day runs at regular time intervals. Similar requirements apply to luminosity measurement runs at IR1. Dedicated time will have to be devoted to the commissioning of the TOTEM machine cycle and for each run, additional setup time must be foreseen for machine and optics checkout. Strategies for scheduling beam time for TOTEM will be discussed in the light of the experience with polarization at LEP that had similar requirements. Some delicate points, like collimation with very small emittance, extreme requirements on beam position stability and accuracy will be analysed.

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