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## Operational Experience with PSI High Intensity Proton Accelerator

The Paul Scherrer Institute operates a 590 MeV high intensity proton accelerator with a beam current of up to 2.4 mA. During the past years an availability of around 90% of the facility was achieved. The high beam power of 1.3 MW demands a careful operation to protect the accelerator complex. We will report on the operational experience with the facility and the measures taken to allow a safe and reliable operation. Procedures of handling beam interruptions due to the failure of components as well as strategies to further improve the reliability of the facility will be discussed.

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