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PO12 - User interface of operation status and beam permit system for beam service at KOMAC

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The 100-MeV proton accelerator has been performing a variety of beam services seamlessly with multiple beamlines for 10 years at KOMAC. An improvement method for repeated operating mistakes during beam service has been applied to the user interface. These efforts have been partially applied to the user interface, and new ideas are still being created and prepared for application. Since automation technology for KOMAC proton accelerator and beam service operation is still in the research stage, we want to utilize various user interfaces to minimize human error. This paper describes the user interface for accelerator operation and beam service.

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