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EPICS based remote control system for ECR-IS & LEBT in SCL Demo at RISP

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SCL Demo(Superconducting linear accelerator demonstration) was installed in SRF test facility at RISP. SCL Demo has ECR-IS, LEBT, RFQ, MEBT, QWR cryomodule, RF, and beam diagnostics. ECR-IS and LEBT section is the starting point to extract and accelerate heavy ion beam. ECR-IS started to beam extraction experiment, and remote control system is a precondition to run the the machine. In short term, the control system was developed on the EPICS platform. This system is the first self-developed remote control system for real machine at RISP. This report is about the beginning and the end of ECR-IS & LEBT remote control system development.

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