

## 4.3

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### ABSTRACT

Many operation procedures are made automated since Changchun station (7237) first implemented kilohertz SLR operation. This presentation introduces key technologies we use to ease manual operation and enhance operation efficiency. They include daylight pointing model, real-time data recognition, daylight laser beam monitoring, etc. Plans of other automation procedures are also introduced, including air-traffic avoiding, target/beam screen-locking, echo rate optimizing, etc. We conclude that making good use of external resources is key to implement automation with limited budget.