

## **Progress of Transportable Cabin-Based SLR system**

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### **Abstract:**

This presentation gives an overview of a Transportable Cabin-Based SLR system which is designed to support of tracking Beidou satellites orbit determination. The SLR system is with 60cm aperture tracking telescope and 2mJ energy, 532nm laser system with one kHz repetition rate of 30ps pulse width. Currently the SLR system has already successfully observed satellites in the ILRS priority list in both day and night time.

The potential observatory sites where the SLR system is going to work in the future are also considered.