

Wuhan SLR station progress and time synchronization for multi-station ranging

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In order to improve the ranging ability and ranging accuracy of Wuhan SLR station, we studied daytime ranging and time synchronization technology between two SLR stations. The daytime navigation satellite ranging was realized. Moreover, we developed a GNSS clock using precise point positioning (PPP) method, and its timing accuracy is better than 1ns. This GNSS clock supports post high time transfer, and the precision is better than 50ps in post mode.