

# **2015 ILRS Technical Workshop**

## **LATE ABSTRACTS**

### **1.5b Role of SLR on QZSS operation**

**Yoshimi Ohshima**

NEC Corporation

This presentation introduces the mission of QZSS (Quasi-Zenith Satellite System) under development directed by the Government of Japan.

The presentation will describe the role of SLR on QZSS operating using the result of usage of SLR data for orbit determination of the first satellite of QZSS, namely Michibiki or QZS-1.

Following is the near-future plan of QZSS, currently under development, for 4-satellite constellation and future plan of QZSS with 7-satellite constellation.

SLR related requirements for satellites currently under development will then be discussed followed by the challenging aspect of QZSS from SLR perspective.

Example of SLR data from QZS-1 will also be discussed and LRA(s) built for three more satellites will be introduced.