

## **LARES: Analysis of the first months of data**

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LARES is a new geodetic satellite in Earth's orbit since February 2012. This satellite currently has the smallest area-to-mass ratio amongst all artificial satellites. We analyze the first half year of SLR data to LARES and compute weekly solutions together with the LAGEOS and Etalon satellites. The solutions follow the standard procedures used to generate the LAGEOS-Etalon solutions within the ILRS Analysis Working Group (AWG).

The orbit quality that could be achieved for LARES in such type of solution is addressed.

The estimated range bias parameters and the range residuals are analyzed in view of station specific characteristics. Both can be an indication whether the preliminary center-of-mass correction is appropriate or whether an improvement is needed.