

Historical development of the SLR data holding at EDC between 1976 and 2014

Christian Schwatke (DGFI)

On October 31, 2014, the 50th anniversary of the first successful SLR measurement will be celebrated. Since 1976, satellite laser ranging measurement have been archived at EDC using different data formats such as CRD, CSTG and MERIT-II. In 1991, the EDC has taken over the responsibility as an global data center within the ILRS.

In this poster, the historical development of the SLR data holding at EDC between 1976 and 2014 is shown. Hereby, statistics about all available number of normal point data and full-rate data are shown. Furthermore, detailed statistics for selected stations and satellites are presented. Moreover, the changes in the number of stations in the ILRS network and tracked satellites are shown for the last three decades.

In general, the poster will show the increase of the ILRS community over the last 30 years by presenting statistics about stations, satellites and data holding.