1.11

NAME   Christian Schwatke

EMAIL   christian.schwatke@tum.de

SESSION   Session 1: satellite tracking and scheduling

TYPE   Poster

TITLE   EUROLAS Data Center (EDC) - Updated Procedure for Station History Logs and Site Logs

ABSTRACT

Within the ILRS, automation and uniform standards have become more and more important in recent years. Especially for SLR analysts, complete and up-to-date descriptions of ILRS sites are required. Also, station upgrades such as laser repair, etc. have to be precisely documented. Both information are stored in the site log and station history log which are available on the FTP of the EUROLAS Data Center (EDC) and the Crustal Dynamics Data Information System (CDDIS).

In the last years, the procedure of submitting log files to the data centers was purely based on e-mail transfer without additional validation checks. The management of the log files was performed more or less manually.

In 2017, the procedure of submitting station history logs and site logs was updated and automated. In this poster, the new procedure is demonstrated in detail. Now, all site logs and station history logs are stored in a database at EDC. Station managers can easily update the log files using the EDC website. After logging in on the EDC website, updated site log and station history log files can be uploaded or modified directly. All performed changes are followed by a validation check which provides feedback to the station manager about errors immediately. Finally, when site logs and station history logs are updated successfully on the EDC website, they are transferred to CDDIS and stored on both FTPs automatically.