EUROLAS Data Center (EDC) – A new website for tracking the SLR data flow

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Since the foundation of the International Laser Ranging Service (ILRS) in 1998, the EDC acts as one of the two global ILRS data centers, the Crustal Dynamics Data Information System (CDDIS) and the EU-ROLAS data center (EDC) at the DGFI. In 2009, the EDC became also an ILRS Operation Center (OS), which has the responsibility to verify the format of all incoming SLR observations. The SLR observations are submitted in different formats (Normal Points (CSTG), Normal Point (CRD), Full Rate (MERIT-II) and Full Rate (CRD)). In addition to the SLR observations, the EDC treats predictions (CPF), orbits and station coordinates.

All data and products are handled in the internal data flow at the EDC. After processing data and products successful without errors they will be stored on the FTP at EDC (ftp://edc.dgfi.badw.de) or send via mail to the users.

This web site (http://edc.dgfi.badw.de) contains an interface for station managers for uploading and quality control of tracking data. The interface gives feedback in case the upload was sucessful or a detailed description of errors is displayed. In addition summary information is provided on the latest data acquired by satellite and station.