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Quality control and bias analysis at DGFI-TUM

To maintain the quality of present SLR observations ILRS has established a Quality Control Board (QCB) which has the task to monitor nearly real time the SLR observations delivered to the data centres. DGFI has established a new procedure to examine all observation to spherical satellites on a 12 hourly basis. The results are available on the DGFI-TUM Web pages and an alert service using the ILRS/Rapid Service Mail has been established. We will show how stations can benefit from our service. Additionally we have analysed long term series of station biases to show the improvement of SLR observations in the past years. An other aspect of bias estimation is the set of station coordinates used for the processing Therefore we have compared the the present SLRF2008 and the three new 2014 coordinate sets from IGN, JPL and DGFI-TUM