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SESSION Session 2: Performance evaluation

TYPE Presentation

TITLE JCET Tools for the Assessment of the ILRS Stations' Performance

ABSTRACT

We will discuss and demonstrate web-accessed tools developed at JCET using the products of the ILRS Analysis and Associate Analysis Centers (AC & AAC) to aid stations assess their performance. The ILRS generates a wealth of analysis products that can be used to evaluate the performance of the systems providing the SLR data from which the products themselves are derived. Of interest to SLR data users and station operators are the time series of station position evolution (detecting unexpected discontinuities), offsets from the current ITRF model (monitoring consistent stability at each site), and systematic measurement error time series (the stability and smallness of magnitude of which characterizes the best stations). This presentation will highlight the various ways that JCET uses these products, and it will introduce the web portals from which users can access these diagnostic tools. Detailed examples can be demonstrated to interested users during the workshop.