Session Summary Report: Session 3

1. Session Name : Data Quality and its Products, SLR network
2. Chairs : Shinichi Nakamura (JAXA) & Florent Deleflie (GRGS/IMCCE)
3. Summary
   - ☐ 7 presentations (SSch,HMue,TOts,FDel,CSch,DMcC,TVar)
   - ☐ Recognition of current situation
     - ● SSC: **Since 2001, no improvement in the 3-D rms** at the level of 1 cm
     - ● Significant changes for some station coordinates in SLRF2008
     - ● Long Term: Quality of ILRS data is evaluated 1983-2012
     - ● Short Term: Bias of each station is **distributed every 6 hours (QC service)**
     - ● Statistic Evaluation and useful tools are distributed by EDC
     - ● NASA SLR Network is functioning well, as well as ILRS management
   - ☐ Topics
     - ● Quality of the set of station coordinates and velocities
     - ● Services offered: DCs, QC reports (now 4/day @ Hitotsubashi Univ.)
     - ● Keep including ETALON data in the routine process of the AWG ?
     - ● **Interaction between QC reports - ACs, and the stations**
     - ● Network evolution

Session 3 (cont.)

- ☐ Issues
  - ● New **CPF mailer**, new API available @ EDC
  - ● Influence of earthquakes, strategies to improve the SSCs dataset
  - ● Refurbishment of many stations (NASA network in particular)
  - ● 1983-2012: total of 130 stations, velocities for 90 stations
  - ● **Still things to be improved in the orbital modelling**
  - ● Station bias handling still a critical issue
  - ● Core stations: difference at the level of 3 mm between ILRSa/ILRSb
- ☐ Takeover items to next meeting
  - ● NASA NW: Improvements in data quantity/quality expected in 2014
  - ● LARES to be included in the official products of the ILRS ?
  - ● Interactions between QC serv/ ACs and stations in case of pbs (change of bias…, data to be quarantined): towards REAL TIME ??
  - ● **Is proposed a "clinical workshop", gathering station engineers and analysts**