

Data Formats and Procedures Standing Committee

Horst Müller

Deutsches Geodätisches Forschungsinstitut (DGFI-TUM)
Technische Universität München

2017 ILRS Technical Workshop
Riga, Latvia, October 02 2017

1. Site Log Format Changes

- Major additions
- restricted tracking capabilities
- retain older survey ties as station revise site log
- more ground target and calibration information and SRP
- laser, and beam divergence information
- telescope change date stamps
- Some discussion, or clarifications (height distance)
- New online system at EDC
- Revised site log format was also presented at the NESC meeting

2. CPF and CRD Format Changes

- .Changes for unique mission (ELT)
- .Expanded configuration information for mets, software, camera
- .Correct oversights in original formats
- .Debris tracking will be included to avoid multiple format branches, some discussion on that point
- .Updates to manuals

•Schedule:

- Changes approved this week
- Finish manuals by end of 2017
- Finish sample code by end of April 2018
- Finish key implementations by end of July 2018
- Wrap up implementation of CPF and of CRD at some stations by fall 2018
- CRD implementation finished at stations by fall 2019

3. Data Harmonization and Dual Path Data Delivery

4. Software Resuse Study Group

- .Open sourced UT/MLRS lunar prediction, filtering, and normal point code with NASA permission. Now on ILRS web site

- .Herstmonceaux is open sourcing a Python version of their normal point processor, possibly later this year