

Data Formats and Procedures Working Group
17th International Workshop on Laser Ranging
May 16th, 2011

- Randy leads introductions to new members, and all present introduce themselves
- Refraction Study Group Reports:
 - Erricos sent a presentation about the status about 2-color ranging in the Network
 - Stephan Riepl discussed a new Refraction Server where stations can send data to have refraction corrections calculated.
 - A question about data latency (6 hours?)
 - Horst says that the normal point data is useless, and the full-rate data would only be useful if the data is taken simultaneously. There is very little to gain from the 2-color data if the returns are not simultaneous.
- CRD Status
 - Network conversion has been delayed due to station delays, Data Center delays, and contract changes.
 - Website is now showing only station that need to be converted and validated.
 - Format Issues – Standard station names, satellite names
 - EDC Status
 - Christian reports that he has new software that saves all data in database
 - He suggests that he modify all data for system and satellite name issues. We agree to table this discussion until we can discuss with the CB and Carey.
 - Modifications to current CRD format –
 - Kalvis discussed whether we use the Engineering data format
 - Lunar Mods –
 - APOLLO would like to report # of fires
 - Processing version?
 - Changes for Software version?
 - Chris Moore suggests that we modify the format to accept a continuous time from start of pass. The start time will be in header, and we can count from this time in the data record. We will table this discussion for the CB as well.
- Data Distribution
 - Data Flow walkthrough chart (Christian Schwatke)

- EDC status
 - New FTLRS (7822) is in quarantine
 - CRD for FTLRS is in quarantine as well (note that the data will need to be CRD verified, but Monique says that the data is being produced by the same software that produces the Grasse CRD data. This data is already verified)
 - Still have several stations in CRD verification
- Question about whether we should synchronize the way that the data is stored at both the EDC and CDDIS. What happens if Data Center is down?
 - Horst points out that we have agreed at the AWG in Paris that the Data Centers should continue the way that they are storing data. This is tabled.
- Review of the ILRS Data Formats and Procedures Working Group Charter
 - Predictions still refer to IRVs – Need to update for CPF. Chris Moore suggests that we make it more general
 - We should add something for Tracking Restrictions
 - Station Information – Should we drop the configuration flags – SCI, SCH?

Attendees:

Hiroo Kunimori	NICT	kuni@nict.go.jp
Schwatke, C.	DGFI	Schwatke@dgfi.badw.de
Julie Horvath	HTSI	julie.horvath@honeywell.com
Zhao You	NAOC	youzhao@bao.ac.cn
Yin Zhiqiang	NAOC	yinzhq@nao.cas.cn
Nikki Desch	ITT	nikki.desch@itt.com
Bob Stelmaszek	ITT	bob.stelmaszek@itt.com
Matt Wilkinson	NSGF	matwi@nerc.ac.uk
Mark Davis	NRL	mark.davis@nrl.navy.mil
Chris Moore	EOSSG	cmoore@eos-aus.com
Mark Torrence	SGT/GSFC	mark.h.torrence@nasa.gov
Stefan Riepl	BKG	stefan.riepl@bkg.bund.de
Horst Mueller	DGFI	mueller@dgfi.badw.de
David McCormick	NASA	david.r.mccormick@nasa.gov
Kalvis Salminsh	LUAI	kalvis.salmins@lu.lv
Florent Deleflie	GRGS/IMCCE	florent.deleflie@imcce.fr
Franck Reinquin	GRGS/CNES	franck.reinquin@cnes.fr
Han Xing Wei	Changchun SLR station	hanxw@cho.ac.cn
Liu Cheng Zhi	Changchun/China	lcz@cho.ac.cn
Monique Pierron	GRGS/OCA	monique.pierron@obs-azur.fr
David Carter	NASA	David.L.Carter@nasa.gov
Randall Ricklefs	UT/CSR	ricklefs@csr.utexas.edu