

**ILRS Governing Board Meeting
Bad Koetzting, Germany
May 18, 2011**

Plaques for Special Recognition were awarded for Wolfgang Seemueller and Yang Fu Min, both of whom died over the last year. A similar plaque was sent to the widow of Werner Gurtner who died last year.

Organization

The ILRS elections returned the following slate:

Director of the Central Bureau	Mike Pearlman (appointed)
Secretary of the Central Bureau	Carey Noll (appointed)
President of IAG Commission 1	Zuheir Altamimi (appointed)
IERS Representative	Bob Schutz (appointed)
EUROLAS Network Representatives	Pippo Bianco, Francis Pierron
NASA Network Representatives -	David Carter, Jan McGarry
WPLTN Representatives -	Ramesh Govind, Hiroo Kunimori
Data Center Representative -	Horst Mueller
Analysis Representatives -	Erricos Pavlis, Cinzia Luceri
LLR Representative -	Juergen Mueller
At-Large Representatives -	Graham Appleby, Georg Kirchner

Graham Appleby was chosen as the Chair of the Governing Board.

Working Group chairs and Co-chairs are:

Analysis	Erricos Pavlis and Cinzia Luceri
Missions	Graham Appleby and Scott Wetzel
Data Formats and Procedures	Horst Mueller and Randy Ricklefs
Networks and Engineering	George Kirchner and Matt Wilkinson
Transponders	Ulli Schreiber and Jan McGarry/John Degnan

Task Forces continue with Mark Torrence and Graham Appleby/Toshi Obsubo

Network Status

Several new SLR stations are underway in Russia; the first to be operational is the station in Arkhyz. Badari, Zelenchukskaya, and Svetloe are about to join the ILRS.

New Task Forces

Beam Divergence Task Force

Beam divergence has long been an uncertainty in link calculation and performance evaluation. The Beam Divergence Task force has been formed under Mark Davis and Georg Kirchner to establish a standardized means of beam divergence estimation.

Normal Point Definition Task Force

SLR systems with higher repetition rates are populating normal points much faster than the legacy systems and often reducing their normal point intervals. A study committee of Georg Kirchner, Peter Dunn, and Jan Mc Garry was formed to seek a revised normal point recipe that will allow systems to reduce normal point duration yet maintain a consistency among the various data intervals with out overweighing the high repetition rate data..

Safety

A Safety Task Force has been established under Jorge Del Pino to begin looking at Station Safety issues; members included Graham Appleby and Buddy Donovan.

Data Issues

There is a very wide range in network station performance. The analysts are being very careful not to overweight the extremely high producing stations. It was agreed that we would continue to rate stations as operational and associate based on their performance.

Annual data yield was flat over the past year as a result of having a number of stations under repair or upgrade. Many of these systems have or will come back into operation and we look forward to some significant improvement in network performance in 2011 – 2012. Charts were presented that showed data production by region. The real disappointment has been North America, but once again that situation is improving rapidly. Data charts provided by the Central Bureau show some improvement in the number of stations that are meeting the Shanghai criteria.

It was noted that some stations are out of operation while awaiting a replacement component. Georg suggested that we consider setting up a mechanism for network spares that might be available when needed.

Data Formats

There are still a number of stations that have not yet been qualified for CRD format or are not yet in the qualification process. The transition date will probably be at the end of the year; stations that have not qualified will be forward converted for some limited period.

Missions

It was agreed that increased Etalon tracking should be encouraged to test its usefulness for the ITRF. The AWG was asked to verify contribution of Etalon to ITRF before changing tracking priorities.

It was suggested that if the AWG finds Etalon tracking to be useful for the ITRF, we might ask stations to acquire two Etalon passes per week

Lunar Ranging

Juergen Mueller pointed out that there is a need for greater visibility and cohesiveness in the LLR community

Web Site

Work is underway on the new ILRS Website. The Working Groups are requested to update their pages for inclusion.

Biannual Report (2009 – 2010)

We are considerably behind schedule on the production of the 2009 – 2010 Biannual Report. Contributions are needed ASAP. A deadline of 01 July 2011 was set.

Upcoming Meeting

The next GB meetings are planned for the AGU in San Francisco and the EGU in Vienna.