

# ***Torun Station Report***

(January 20<sup>th</sup>, 2011)

## **Brief Report of Recent EVN Session Problems**

The **October-November 2010 session** generally passed with less problems than the two previous sessions. We observed all the scheduled experiments, but in one of them (ED030B) we found no data recorded on the diskpack for unknown reason (most likely it was the result of a negligence on the part of the operator). There were also a few problems of lesser consequence that resulted in data losses of the order of one hour or tens of minutes. These were related to an outage (N10M3) and FS hang-ups (during ED030A, EL040C and EL040F) or its misbehaviour (EY011). During another network monitoring experiment, N10C3, the phase-cal signal remained inadvertently switched on.

Post-session calibration results (Tcal and Tsys) are presented graphically under this link <http://www.astro.uni.torun.pl/~kb/Reports/Cal2010-3/Sesja10-3.html>

## **Personnel Changes**

From the beginning of this year the position of Director of Centre for Astronomy belongs to **Prof. Michal Hanasz** who replaces **Prof. Andrzej Kus** (**Prof. Marian Szymczak** continues as the chair of Radio Astronomy Department).

In July 2010 a young technician, **Mr Michal Skiwski**, joined our staff. His duties envelope software programming and building of electronic devices.

## **Changes/Upgrades Made to Hardware/Software**

There were no changes related to the VLBI terminal. Current software versions are as follows:

- Mark5A OS is Debian "Etch" version 4.0 with the package mark5a\_1.0.2-i386.deb
- Mark5A application code is Mark5A2007y.225d
- FS 9.9.2 version has been used.

Since August 2010 we have a new telescope control system in operation.

Purchase of DDBC is currently underway since June 2010 (the procedure is awfully complicated, requiring a special tender). We also plan to acquire Mark5B recorder.

## **e-VLBI**

Our station has participated in all regular and testing experiments organized by JIVE, 1024 Mb/s transfer speed being achieved routinely.

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