

Torun (Tr) Station Report

(Apr 26th, 2021)

Recent EVN Sessions

Feb/Mar 2021 session.

Tr was scheduled in 26 regular disk projects. Observations were carried out at L, C and K bands without major problems.

Comments on the topics.

In 2021 we plan to install additional 336TB of flexbuff disk space in Toruń. Our DBBC3 unit works without major issues with DDC_U 1.25 firmware; overheating incidents were fixed by isolating hardware compartment in the control room and improving air conditioning. The station has 10Gbit/s connectivity via PIONIER/GEANT network. Currently we can use IF bandwidth up to 2GHz on C/M(6-8GHz), X(8-16GHz) and K(20-25GHz) receivers. The X-band receiver was completed this year, is now being commissioned and prepared to a fringe test experiment at 8GHz.

Changes/Upgrades Made to Software

Current software versions

- Mark5B unit:
 - Debian “Wheezy” version 7.11 (64-bit)
 - StreamStor driver version: 11.50 (SDK 9.4), API version 12.06, firmware version 13.05
- Field System version: 9.13.2
- jive5ab version: 2.9.0
- The DBBC firmware version in “tunable” mode is 1.07.

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