**Westerbork VLBI station report for the EVN TOG
Meeting, Torun, Dec 13, 2023**

Overview:

Westerbork is contributing to VLBI projects with a single dish,
equipped with a modified Multi-Frequency Front-End (MFFE) providing
circular polarization and a DBBC backend. Two radio telescopes are
available for VLBI operations, one equipped with the MFFE receiver,
and the other with the 5cm receiver, currently sharing the
DBBC/FlexBuff backend.

DBBC:

Our DBBC (used operationally since Session 2015-3), has four Core2
boards and eight BBC's and an internal Fila10G card and its running
on Windows 7 and firmware version 1.07.

The WSRT DBBC is capable of delivering 2Gbps setups to a FlexBuff
(though the relatively narrow MFFE IF, limits the data rate to
>~1Gbps).

FlexBuff:

The WSRT's local FlexBuff disk space is expanded, it now has 6 x
16TB disks and 20 x 8TB disks bringing the usable disk space to
238TB.

Fieldsystem:

Fieldsystem version 9.13.2.

Session Participation:

Westerbork participated in the X, C, M and L-band experiments of
sessions 2023-1,2023-2 and 2023-3

Operational issues during recent sessions:

EVN 2023-1

One observation setup we received from Jive had an LO setting we never used
before. Added the LO setting to the RXG files. The receiver could do it an the
antab file looks ok. Next time it will not be a problem.

EVN 2023-2

The flexbuff had a broken disk, this disk is replaced no data was lost.

EVN 2023-3

No issues during this session.

Richard Blaauw
Technical VLBI friend