

Shanghai Astronomical Observatory, P. R. China

## **Sheshan Station Observations**

During the period 2011-2012, Shanghai (Sheshan) 25m radio telescope participated in EVN sessions at 18, 6, 5, 3.6 and 1.3 cm bands. There were no known problems during the observations. Sheshan station was absent from the May 2012 session because of the antenna maintenance.

## **Update and current status of equipments**

A VLBA sampler and VSI-C card with a Mark 5B recorder worked well in the EVN February 2012 session.

A MKIV formatter with a Mark 5A recorder used in all e-VLBI sessions.

A CDAS terminal, an DBBC with Mark5B+ recorder participated in all fringe test experiments in the February 2012 session. Fringes were confirmed for all the bands.

## **e-VLBI**

The Sheshan radio telescope participated in 512 Mbps e-VLBI observations organized by the EVN. We got the first Mark5B fringe in eg063a on 20<sup>th</sup> June, 2012.

## **Prospects**

A new telescope with diameter of 65m will be built ~6 km west of the current site of the Sheshan 25m radio telescope. It is planned to be available for C, L and S/X bands in this year.