Onsala Station Report

EVN session 1/2016

Onsala started to use its Flexbuff (size: 324 TB) as the production recorder since session 1/2016. Using the script developed by JIVE, all the data were automatically transferred to JIVE.

Fringes were found in all the ftp-fringe tests. Onsala had some minor failures in GM073B due to high winds, EM119A due to an improper setup of IP address and EG078D due to a late start.

EVN session 2/2016

Fringes were found in all the ftp-fringe tests. While, it was reported by JIVE that there were no K-band fringes to Onsala after the first user experiment EK037. Later, a frequency offset was found via checking P-Cal tones in the last K-band experiment EL054. Further investigation is still ongoing.

Technical Development

The K-band VLBI system has been recently modified. Now, new LO is fixed at 21500 MHz and IF frequency range is 10 – 1000 MHz. This change will enable Onsala to support wide-band EVN observations at 22 GHz.

VLBI Group, Onsala Space Observatory