

**Station report to the EVN TOG  
Irbene station, Ventpils.**

In the 2015 continue refurbishment works of radio telescopes RT-32 and RT-16.

Refurbishment works include reconstruction of drive system for both antennas, development of new antenna control system, new carbon fibre surface and backup structure that will replace current radio telescope RT-16 antenna and renovation of RT-32 antenna backup structure and focal room.

After renovation both radio telescopes will be fitted with new cryogenic broadband receivers (4.5-8.8 GHz), delivered from TTI company. Each include two channels (RCP and LCP), intermediate frequency convertors, local oscillators, noise diodes and Pcal calibration units. Projected system temperature for RT-32 ~30 K.

Reconstruction works should be finished in the end of August 2015, next participation in the EVN session possible after September 2015.