

News of the RadioAstron mission

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At present all systems and units of the SC "Spectr-R" work in a normal mode.

- Until **August, 30th** it was impossible to implement completely a highly stable signal of the onboard hydrogen maser due to the absence of synchronization by a signal of the hydrogen generator.
- **August, 31st** -- the command on switching on of **the second** onboard hydrogen maser has been given. The second hydrogen maser was switched on and from that moment it works stable and keeps all the specified parameters.
- At the same day (**August 31st**) for the functioning checking, all the scientific devices and units of the focal container have been switched on: the shaper of heterodyne micro-wave frequencies, the micro-wave signals selector, the block of pulse calibration, the control and analysis block (BUAS-F), four thermostats of receivers on 18 and 92 cm. Also the part of instrumentation container devices was switched on. A successful switching on of the rubidium standard of frequency (two complete sets RUS01 and RUS02) produced by Neuchatel Observatory (Switzerland) also has been carried out. There are no remarks to the devices operation.