

Jupiter in Telementor

Telescope: **Telementor** (Zeiss C63/840 mm)

Eyepieces:

ATC8 - ATC f8E, $f=8\text{mm}$, ($105\times$, $38'$)

O-7 - Vintage Zeiss Ortho, $f=7\text{mm}$, ($120\times$, $21'$)

Time: 2014/03/11 19:00-19:25UT

Location: Říčany

Weather: Good transparency with excellent seeing.

Accessories: Baader 1.25" zenith prism



This was very short session. I had just 20 minutes so I took out my smallest refractor, Telementor with 63mm lens. The thermal properties of the scope are crucial as I keep my telescopes at warm room. The temperature was still dropping down below zero and this little scope is able to cope with such harsh conditions. It provides good and crisp images almost immediately after being taken out.

My effort with setting up the telescope was well rewarded at the end. Seeing was excellent. In addition, Jupiter was showing its more interesting half. Great Red Spot was just rising at the eastern edge and there were plenty of details visible in Jupiter's belts and in between. In particular, the long white spot in South Equatorial Belt was quite distinct.

As the atmosphere was cooperating so well, I could push the magnification up to $120\times$. For that purpose, I used vintage Zeiss orthoscopic eyepiece that I found recently in local shop with old cameras and optics. It served quite well even after almost one

hundred years. It helped me with confirming the observations at $105\times$ and with placing the details more properly.

This was clearly the best Jupiter I have experienced so far in Telementor during the last opposition.

Alexander Kupčo

