

cooperation with a visual observer, Wim Holwerda of the Workinggroup Artificial Satellites a provisional set could be calculated. Wim used my radio observations (TCA-s and LOS-s) over some days after the orbitchange.

MIR-keps:

EPOCH	89,081.734583
DRAG	0.00005
INCL	51.6214
RAAN	77.0023767
ECC	0.00105
ARG PER	215
MA	145
MM	15.655
ORB NR	17769
SMAX	6749.8956

This set has already been checked during passes of MIR on 25 March and the deviations were less than 1 minute. Well done Wim!

Orbit changes like this one are necessary to adjust the trajectory for future dockings (in this case in a few weeks with Progress-42).

SUMMERTIME:

In the night from 25 to 26 March 1989 the S.U. also shifted to summertime. The MTR cosmonauts and the controlstations did not change their time: they use the time UTC + 3 hrs (Moscow time is UTC + 4 hrs.)

Greetings,

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