

MIRNEWS.003 25 AUGUST 1989.

PROGRESS-M DOCKED WITH MIR.

On 25 Aug. 1989 at 0519UTC the freighter Progress-M docked to the MIR station.

The approach was guided by the system Kurs. This time the Progress docked to the axial docking port of the P.Kh.O. (Transition section, the ball-shaped compartment.) So the docking port of the Kvant module remains available for the reception of the manned Soyuz-TM on 7/8 Sept. 1989.

Progress-M is a modified version of the old Progresses and for the construction the concept of the Soyuz-TM spacecraft had been used.

Radiotraffic:

During the flight of Pr.-M to MIR the Pr-M continuously transmitted TLM on 166.140 and 165.885 mc and a carrier on 922.755 mc.

Immediately before the docking MIR and Progress-M were in our range and the Telemetry of Progress-M still could be heard. (orb. MIR 20192, 0504-0514UTC). The transmitter on 922.755 mc probably had been switched off. During the next pass in orb. 20193, the TLM of the MIR station worked from 0648-0650UTC on 166.125, 166.870 and 166.150 mc.

Orbitcorrections: With the engines of Progress-M the orbit of the station can be corrected. Whether this will be necessary or not is not sure. The complex station is still orbitting in a high orbit: Apogee: 404 KM and Perigee: 391 KM.

Chris van den Berg, NL-9165/A-UK3202.