

MIRNEWS.065 17 AUGUST 1990.

LAUNCH PROGRESS-M4:

Freighter Progress-M4 launched from Baykonur for flight to MIR on 15 Aug. 1990 at 0401UTC. During flight Pr-M4's TLM on 166.130 mc (+ and - very broad) and on 922.755 mc.
DOCKING PR-M4 WITH MIR 17 AUG. '90 AT 0526UTC:

The approach was in its final phase during pass in orb. 25764, 0516-0521UTC. The operation was executed automatically. TsUP was in charge of control and eventual action. The cosmonauts observed the approach on their displays. Now and then Manakov reported distances and approach speeds. During LOS Pr-M4 was in a distance from MIR of 120 Meters with an approach speed of 0.85 M/sec. Docking took place to the forward docking port on the P.Kh.O. This in contradiction to all Progress- and Soyuz docking during the last years! Obviously to have the Progress-M4 as close as possible to the centre of gravity of the complex during the orbit corrections. The centre of gravity shifted forward due to the docking in June this year of Kristall. So redocking of Soyuz-TM10 did not take place. S-TM10 also remained docked to the aft Kvant-1 docking port.

OPENING OF HATCHES: Cosmonauts waited to orbits before opening the hatches. During pass in orb. 25766, 0827-0834UTC at 083219UTC sharp Manakov was sure about air-seal and pressure equalisation and opened the hatches to Pr-M4.

PURPOSE PROGRESS-M4:

The delivery of fuel, food, water, equipment and mail. And of course the necessary orbit corrections. ORBITCORRECTIONS:

Will follow soon and give problems with predictions! So do not panic when MIR passes later than expected!

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