

KRISTALL (MODULE-T) REDOCKED FROM AXIAL TO LATERAL DOCKING PORT TRANSITION SECTION:

This operation, lasting appr. 1 hr. 36 min. started on 11 June 1990 at 0500 UTC and was successfully concluded at abt. 0630UTC. The Kristall had been redocked by the use of manipulator arm. During the first pass after the redocking the cosmonauts were still equalizing the pressure between Kristall and the base block. The hatch was still closed. The following pass (orb. 24719, 0938UTC) the hatch was open and Solovyov was already in Kristall. Balandin observed the solarpanels of Kristall through one of the portholes in the base block using a videocamera. The rest of the day the cosmonauts were very busy, among other things deploying electrical cables between Kristall and the MIR station.

KRISTALL: The cosmonauts hope to start the first experiments on semiconductor materials in Kristall already on Friday 15 June 1990.

SOYUZ-TM9:

- a. Thusfar there is no news about an eventual redocking of this ship from the aft to the forward docking port.
- b. The cosmonauts or TsUP did not mention the presence of a ladder on board Kristall. (In the U.S.A. Serebrov told that such a ladder might be delivered by Kristall for a repair mission to Soyuz-TM9)

CONFIGURATION MIRCOMPLEX:

- a. Axial: MIR - Kvant1 - Soyuz-TM9.
- b. On 2 opposite lateral ports resp. Kristall (Module-T) and Kvaht-2 (Module-D). So a nice symmetrical T-shape.

ALTITUDE OF COMPLEX: Observations on 11 June 1990 confirmed the fact, that Kristall has NOT been used for an orbitcorrection. So this operation is not