

8 JANUARY 1991

## 1st EVA OF MIR-CREW (Derbents):

During the 1st EVA on 7 Jan. 1991, between 1647UTTC and appr. 2157UTC they succeeded in replacing a damaged (bent) support bar of the exithatch of Module-D. During the preparations for their EVA the cosmonauts were ahead of their schedule, but during the first 2 hours of the EVA they had lost a lot of time and were behind their schedule. Manarov did not succeed in loosening the bolts of the support bar (or a clamp of it). During rehearsing the procedure on Earth there had been no problems, but now something hampered the operation. The journalists in TsUP were very pessimistic. (Soviet journalists are inclined to give space exploration in the S.U. a negative image. They are still angry about the fact, that the first journalist to fly on MIR has been a Japanese and not a Soviet.) Manarov and Afanasyev switched over to an alternative method. When MIR for the first time came in our range (orb. 28006, 2035-2043UT) it was a pleasure to hear the conversations. All went well and a very calm Manarov coached and helped his captain Afanasyev during his movements. Manarov reported that they had lost time, but did all what had to be done sofar and he said that they were sure to complete the operation as planned. During the next pass the cosmonauts were again in the airlock and building up pressure and closing and opening valves, hatches etc. The following pass TsUP congratulated them with their success. (orb. 28008/28009 at abt. 2354UT). Manarov had the damaged support bar in his hands during this pass. Last pas with radiotraffic has been in orb.28009/28010, appr. 0125UT.

## MORE EVA-S CAN BE EXPECTED:

Possibly 5 or 6, among which a very complicated one: the removal of the Kristall's (Module-T) solarbatteries to the Kvant-1. During one of the next EVA-s they also will install a special antenna for the Arem project.

## AREM:

uring Austromir (Austrian cosmonaut o/b MIR) there will be ham-activities named Arem (Amateur Radio o/b MIR). The equipment for that project will not -as previously announced- be ferried to MIR by Progress-M6 15/16 Jan 1991. The soviet technicians wished to spend another month to check the systems. So this will be ferried to MIR by Pr-M7 in the midst of March 1991.

## GEOS/R-M1/RUDAK-2:

Launch postponed due to holiday (Russ. Orth. Christmas) on 7 Jan. 1991. Launch will take place this month, but not before 18 Jan. Carrier will be SL-14 (Tsyklon-rocket). UA3CR will be in his control-station in Mosco during the launch. There will also be a controlcrew in the station in Molodechno. The first 3 days there will only be service-telemetry. (All amateurs: 73-s from Leonid Labutin, UA3CR).

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