**TEX-20 - PLASMA CRYSTAL** 

| GMT         | CREW        | ACTIVITY   |
|-------------|-------------|--|
| 06:00-06:10 |             | Morning inspection of the station  |
| 06:10-06:15 | CDR         | PLASMA CRYSTAL: Activation of turbo pump.  |
| 06:10-06:40 | FE-1<br>CDR | Post-sleep   |
| 06:15-06:40 |             |  |
| 06:40-07:30 |             | BREAKFAST  |
| 07:30-08:00 |             | Prep for work  |
| 08:00-08:15 |             | Daily planning conference (S-band)   |
| 08:15-09:30 | FE-1        | Stored laptop network items inventory  |
| 09:10-09:15 | CDR         | PLANTS-2. Data downlink  |
| 09:15-10:45 |             | Physical exercise TVIS-1   |
| 09:30-10:45 | FE-1        | Physical exercise CEVIS  |
| 10:45-12:15 |             | Robotic items checkout   |
| 12:15-13:15 |             | LUNCH  |
| 13:15-13:55 | CDR         | ПЗУ replacement in ЛКТ1Г2  |
| 13:25-14:25 | FE-1        | IWIS data downlink   |
| 13:55-14:35 | CDR         | СОЖ maintenance  |
| 14:25-16:20 | FE-1        | IWIS batteries replacement   |
| 14:35-15:35 | CDR         | Physical exercise (ВЕЛО+НС-1)-1  |
| 15:35-16:20 |             | PLASMA CRYSTAL. Experiment prep. Tagup with specialists (S-band)   |
| 16:20-16:55 |             | PLASMA CRYSTAL -3. <b>TB Б-Ц (To=16.05,T1,T2,T3 οτ CΠΠ)</b> Experiment (beginning). Tagup with specialists ( <i>S-band</i> ) |
| 16:20-16:25 | FE-1        | Disconnect UOP bypass cable to DCP panel   |
| 16:25-17:40 | FE-1        | Physical exercise RED  |
| 16:55-17:35 | CDR         | IMS file prep  |
| 17:40-18:10 | FE-1        | Daily plan review  |
| 17:45-18:05 | CDR         | PLASMA CRYSTAL. Final phase of the experiment Tagup with specialists (S-band)  |
| 18:05-18:35 |             | PLASMA CRYSTAL. Hard disk data copying and storage in container  |
| 18:10-18:30 | FE-1        | PAO set up   |
| 18:30-18:40 |             | PAO prep   |
| 18:40-18:50 |             | PAO prep   |
| 18:50-19:10 |             | Educational broadcast for the exploration school from Ames Research Center ( <i>Ku+S-band</i> )                              |
| 19:15-19:30 |             | Daily planning conference (S-band)   |
| 19:30-20:00 |             | Daily food ration prep   |
| 20:00-20:30 |             | Dinner   |
| 20:30-21:30 | FE-1        | Pre-sleep  |
| 20:30-21:25 | CDR         |  |
| 21:25-21:30 |             | PLASMA CRYSTAL: Deactivation of turbo pump.  |
| 21:30-06:00 |             | Sleep  |

Note: See OSTP for references to US activities.

End of radiogram