

Radiogram No. 3689nu (**finalized**) Form 24 for 09.21.06  
**ACH Test. Soyuz 219 Unloading Operations. Crew Handover.**

| GMT         | CREW            | ACTIVITY   |
|-------------|-----------------|--|
| 04:00-04:10 | .               | Morning inspection   |
| 04:10-04:15 | SFP             | Post-sleep   |
| 04:10-04:40 | ISS13, ISS14    | Post-sleep   |
| 04:15-04:25 | SFP             | Private Family Conference (VHF)  |
| 04:25-04:50 | SFP             | Post-sleep   |
| 04:40-05:30 | ISS13,<br>ISS14 | BREAKFAST  |
| 04:50-05:40 | SFP             | BREAKFAST  |
| 05:30-05:45 | ISS13,<br>ISS14 | Morning Planning Conference (S-band)   |
| 05:40-05:55 | SFP             | Private medical conference (VHF)   |
| 05:45-06:15 | ISS13,<br>ISS14 | Work prep  |
| 05:55-06:25 | SFP             | Work prep  |
| 06:15-06:55 | CDR             | VOLNY [WAVES]. Hardware setup, checkout and activation. <i>Tagup (S-band)</i>                                |
| 06:15-06:45 | FE-2            | PGB (Portable Glove-Box). Uninstall and stow.  |
| 06:15-07:30 | CDR-14, FE-1    | Expedition 13 / Expedition 14 crew handover  |
| 06:35-06:45 | FE-1-14         | CONJUGATION. Unstow Rekomb-K hardware from CRYOGEM -03M. <i>Tagup w/specialists (S-band)</i>                 |
| 06:45-07:15 | FE-2            | SOZh maintenance   |
| 07:05-07:20 | CDR, SFP        | TV downlink prep ( <b>To=07:05, T1, T2, T3 from ЦПП</b> )  |
| 07:15-07:55 | FE-1-14         | CONJUGATION. Process activation. <i>Tagup (S-band)</i>   |
| 07:20-07:30 | CDR,SFP         | TV-downlink for CNN Interview  |
| 07:30-07:45 | CDR             | IMS Tagup ( <i>S-band</i> )  |
| 07:30-08:30 | FE-2            | KUBIK. Transferring KUBIK-1 and 2 data to memory card for return. <i>Tagup (S-band)</i>                      |
| 07:30-08:30 | FE-1            | Physical Exercise (TVIS)   |
| 07:45-08:00 | CDR             | CONJUGATION. Photo of Recomb-K hardware ops.   |
| 08:00-09:00 | CDR             | ODF replacement  |
| 08:20-09:20 | FE-1-14         | Install ЛКТ (local signal commutator) (TA251МБ) and ПЗУ (ROM) in Soyuz БО TK                                 |
| 08:30-08:40 | FE-1,CDR-14     | O2 level check   |
| 08:40-08:55 | FE-2            | Taking readings of AOK ГАНК-4М   |
| 08:40-10:10 | CDR-14,FE-1     | Expedition 13 / Expedition 14 crew handover  |
| 08:55-09:35 | FE-2            | ALTCRISS. Transfer of dosimeters from Soyuz and install in SM. <i>tagup (S-band)</i>                         |
| 09:10-10:10 | CDR             | Female FSP urine collector prep and assembly from Soyuz 219 to Soyuz 218. <i>Tagup as required. (S-band)</i> |
| 09:20-10:20 | FE-1-14         | ODF replacement  |
| 09:35-11:05 | FE-2            | Physical Exercise (RED)  |
| 10:10-11:10 | CDR             | Physical Exercise (TVIS) -3  |

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| 10:10-11:10 | CDR-14,FE-1       | Expedition 13 / Expedition 14 crew handover   |
| 10:20-10:55 | FE-1-14           | CONJUGATION. Activation (terminate). <i>Tagup (S-band)</i>  |
| 10:40-10:55 | SFP               | E-mail activities   |
| 11:00-12:00 | FE-1-14           | LUNCH   |
| 11:05-11:10 | FE-2              | <b>On MCC Go</b> ISS O2 Repress from Progress №357 oxygen supply facility (initiation)                          |
| 11:10-12:10 | ISS13, SFP,CDR-14 | LUNCH   |
| 12:00-12:10 | FE-1-14           | CONJUGATION. Set up. Tag up via <i>S-band</i>   |
| 12:10-13:10 | FE-1,CDR-14       | CWC fill from condensate tank in Lab  |
| 12:10-13:00 | CDR,FE-1-14       | ISS13 to ISS14 Handover   |
| 13:00-13:55 | CDR,FE-1-14       | Replacement of individual h/w in Soyuz, seat liners reinstallation (end)  |
| 12:10-12:15 | FE-2              | ISS O2 Repress from Progress №357 oxygen supply facility (termination)  |
| 12:20-12:35 | FE-2              | YING/BASE. Camera set up. Illumination and camera fixing bracket preparation. Tag up via S-band if needed.      |
| 12:30-12:45 | SFP               | Private conference using IP-Phone   |
| 12:35-12:45 | FE-2              | YING/BASE. Removal of bio containers from exposure location. Tag up via S-band if needed.                       |
| 12:45-13:25 | FE-2              | YING/BASE. Photography of bio containers and final operations with photo camera. Tag up via S-band if needed.   |
| 13:40-15:10 | CDR-14            | SOYUZ №219 unloading  |
| 13:55-15:10 | FE-1-14           |   |
| 13:10-14:20 | FE-1              | Cargo stowage after 12A   |
| 13:25-13:35 | FE-2              | YING/BASE. Installation of bio containers at exposure location. Tag up via S-band if needed.                    |
| 13:55-14:05 | CDR               | "Criogem-03" activation at -22 deg. C with cold storage accumulators [AX]                                       |
| 14:05-14:25 | FE-2              | IMS data editing.   |
| 14:05-14:15 | CDR               | Air sampling for ammonia using ИПД samplers   |
| 14:20-15:20 | FE-1              | Physical Exercise (RED)   |
| 14:15-14:55 | CDR               | IMMUNO. H/W preparation for the experiment. Talks ( <i>S-band</i> )   |
| 14:25-15:25 | FE-2              | Physical Exercise (ВЕЛО+НС-1) -4  |
| 14:55-15:55 | CDR               | Physical Exercise (TVIS) -3   |
| 15:10-15:30 | SFP               | SAMPLE-collection of samples  |
| 15:10-15:30 | FE-1-14           | SAMPLE. Collection of samples. (Use SAMPLE COLLECTION KIT INC14-1-SAM-100 (00043166R ), ТПК219БО_divan)         |
| 15:30-15:45 | FE-1-14           | CGBA 2 - sample installation  |
| 15:35-15:45 | FE-1              | CWC audit   |
| 15:45-16:00 | MKC 14            | Private Medical Conference ( <i>S+Ku-band</i> )   |
| 15:45-16:00 | FE-2              | ИП-1 sensors installation check   |
| 15:45-16:00 | FE-1              | Questionnaire fill in   |
| 15:50-16:00 | SFP               | LOW BACK PAIN (MUSCLE) – Fill in questionnaire "Low back pain"  |
| 15:55-16:25 | CDR               | Transfer and set up of Soyuz 218 operator constraint at standard location. Tagup if necessary ( <i>S-band</i> ) |

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|-------------|-----------------|---|
| 16:25-16:40 | CDR, SFP        | HDD install at Laptop RSE1                  |
| 16:35-17:15 | ISS14,<br>FE-1  | Evening work prep                           |
| 16:40-17:15 | CDR,SFP         | Evening work prep                           |
| 16:45-16:50 | FE-2            | Transferring TVIS, RED, and HRM data to MEC |
| 16:50-17:15 | FE-2            | Evening work prep                           |
| 17:15-17:45 | SFP             | DINNER                                      |
| 17:15-17:30 | ISS13,<br>ISS14 | Daily Planning Conference ( <i>S-band</i> ) |
| 17:30-18:00 | ISS13,<br>ISS14 | DINNER                                      |
| 17:45-17:55 | SFP             | Daily food prep                             |
| 17:55-18:10 | SFP             | VC11 HAM radio session                      |
| 18:00-18:30 | ISS13,<br>ISS14 | Daily food prep                             |
| 18:10-18:30 | SFP             | Daily food prep                             |
| 18:30-19:30 | .               | Pre-sleep                                   |
| 19:30-04:00 | .               | SLEEP                                       |

**Note:** Check OSTP for US activities references  
End of R/G