

Radiogram No. 9227u

Form 24 for 05/18/2012

Soyuz 705 Cargo Transfers

| GMT | CREW | ACTIVITY |
|-------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 06:00-06:10 | CDR, FE-2 | Morning Inspection |
| 06:00-06:10 | FE-1 | Morning Inspection. SM ПСС [Caution & Warning Panel] Test |
| 06:00-06:15 | FE-3 | Reaction Self Test |
| 06:00-06:05 | FE-5, FE-6 | Reaction Self Test |
| 06:05-06:15 | FE-5, FE-6 | Morning Inspection |
| 06:10-06:35 | CDR, FE-1, FE-2 | Post-sleep |
| 06:15-06:45 | FE-3, FE-5, FE-6 | Post-sleep |
| 06:35-06:40 | CDR, FE-1, FE-2 | HAM Radio Session Setup |
| 06:40-06:55 | CDR, FE-1, FE-2 | Ham Radio Session |
| 06:45-07:35 | FE-3, FE-5, FE-6 | BREAKFAST |
| 06:55-07:35 | CDR, FE-1, FE-2 | BREAKFAST |
| 07:35-08:00 | | Daily Planning Conference (<i>S-band</i>) |
| 08:00-08:15 | | ISS Crew and ГОГУ (RSA Flight Control Team Management) Weekly Conference (<i>S-band</i>) |
| 08:15-08:25 | CDR | Work Prep |
| 08:15-08:35 | FE-2, FE-3, FE-6 | Work Prep |
| 08:15-08:20 | FE-5 | ENERGY Diet Log of Breakfast |
| 08:20-08:40 | FE-5 | ENERGY - Urine Sample Collection |
| 08:20-08:35 | FE-1 | PLAZMIDA. Mobilization activation in Recomb-K #7 and Setup in Thermostatic Container at +37 deg C. <i>Tagup with specialists (S-band)</i> |
| 08:25-08:45 | CDR | Elektron-[BM] Liquid Unit pressurization prior to activation |
| 08:35-08:50 | FE-1 | PLAZMIDA. Mobilization activation in Recomb-K #8 and Setup in Thermostatic Container at +37 deg C. <i>Tagup with specialists (S-band)</i> |
| 08:35-08:40 | FE-6 | ISSAC Lab Window Shutter Open |
| 08:40-09:40 | FE-3 | Crew time for ISS adaptation and orientation |
| 08:40-08:50 | FE-5 | ENERGY - Water Sample Collection |
| 08:40-09:00 | FE-6 | ENERGY - Urine Sample Collection |
| 08:50-09:05 | CDR, FE-1, FE-2 | IMS Tagup (<i>S-band</i>) |
| 08:50-09:25 | FE-5 | Sensewear Activity Monitor Data Saving |
| 09:00-09:05 | FE-6 | G1 Camcorder Activation |
| 09:05-10:05 | CDR | Bringing ODF up to date using Soyuz 705 delivered files |
| 09:05-10:35 | FE-1 | Installation of ЛКТ (ТА251МБ) and ПЗУ in Soyuz 705 БО |
| 09:05-10:05 | FE-2 | Crew time for ISS adaptation and orientation |
| 09:05-09:50 | FE-6 | Image Processing Unit (IPU) Power Supply Check |

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| 09:25-10:25 | FE-5 | Inspection of Portable Breathing Apparatus (PBA) and Portable Fire Extinguisher (PFE) |
| 09:40-09:55 | FE-3 | WHC-Tank and Hose R&R Procedure Review |
| 09:50-11:30 | FE-6 | IPU Check |
| 10:05-11:20 | FE-2 | TK 705 Transfers and IMS Ops |
| 09:55-11:40 | FE-3 | Waste and Hygiene Compartment (WHS) Pre-Treat Tank and Pre-Treat Tank Hose Remove & Replace |
| 10:05-10:20 | CDR | ИП-1 Flow Sensor Position Verification |
| 10:20-10:30 | CDR | КОБ2 4ГБ4 Half-Coupling Shell Coolant Leak Check |
| 10:25-10:45 | FE-5 | NanoRacks - Module Reconfiguration |
| 10:30-12:00 | CDR | Physical Exercise (TVIS), Day 4 |
| 10:35-11:35 | FE-1 | TK 705 Transfers and IMS Ops |
| 10:45-12:15 | FE-5 | Columbus RACK Audit |
| 11:20-11:35 | FE-2 | CALCIUM. Transfer of Bioekologiya cases from Soyuz and setup in SM for exposure |
| 11:30-11:35 | FE-6 | G1 Closeout Ops. |
| 11:35-11:50 | FE-1 | PLAZMIDA. Complete the activation inside Recomb-K #7, setup the hardware in the thermal container at +37 deg C. <i>Tagup with specialists (S-band)</i> |
| 11:35-12:05 | FE-2 | PLAZMIDA. Photography of the Experiment |
| 11:50-12:05 | FE-1 | PLAZMIDA. Complete the activation inside Recomb-K #8, Setup in Thermostatic Container at +37 deg C. <i>Tagup with specialists (S-band)</i> |
| 12:00-12:40 | CDR | COЖ Maintenance |
| 12:00-12:10 | FE-6 | PAO Hardware Setup |
| 12:05-12:20 | FE-1 | MEMBRANA. Kit Transfer to MRM2 |
| 12:10-12:20 | FE-3, FE-6 | Crew Prep for PAO |
| 12:20-12:40 | FE-3, FE-6 | PAO Event |
| 12:20-12:35 | FE-1 | CONSTANTA. Transfer of Hardware from Soyuz 705 |
| 12:20-12:30 | FE-5 | CWC Audit |
| 12:30-12:40 | FE-5 | Sensewear Activity Monitor -Stowage |
| 12:40-13:40 | | LUNCH |
| 13:40-14:50 | | Reviewing crew roles and responsibilities in emergencies |
| 14:50-15:00 | | Emergency Roles and Responsibilities Review (<i>S-band</i>) |
| 15:00-15:30 | CDR | Sound Meter Equipment Preparation |
| 15:05-15:35 | FE-3 | Journal Entry |
| 15:05-15:50 | FE-2 | MATRYOSHKA-R. Installation ИД-3МКС in "Protective shutter". <i>Tagup with specialists (S-band)</i> |
| 15:15-15:20 | FE-5 | Video Camera Assembly (VCA1) Adjustment |
| 15:15-15:30 | FE-6 | IMS and Stowage Conference |
| 15:20-15:50 | FE-5 | Crew Support for Biolab Glovebox Health Check |
| 15:30-15:40 | CDR | Noise level measurements using RS Shumomer device with the Elektron system shut down |
| 15:30-16:00 | FE-6 | EXPRESS Rack 7 - Power and Thermal Control Mode Test |
| 15:45-15:55 | CDR | Noise level measurements using RS Shumomer device with the Elektron |

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| | | system activated |
| 15:45-16:00 | FE-1 | Private Medical Conference (<i>Ku+S-band</i>) |
| 15:50-16:50 | FE-5 | Physical Exercise T2 |
| 15:55-17:05 | CDR | Noise level measurements using RS Shumomer device with pnl 429 open, data downlink, cleanup |
| 16:00-17:30 | FE-6 | SPRINT Protocol Placeholder |
| 16:05-16:20 | FE-2 | Private Medical Conference (<i>Ku + S-band</i>) |
| 16:05-16:15 | FE-3 | CEVIS Exercise Protocol Swap |
| 16:20-16:50 | FE-1, FE-2, FE-3 | Counter Measure System (CMS) Exercise Overview |
| 16:50-17:05 | FE-1, FE-2 | CMS and ARED Introduction |
| 16:50-16:55 | FE-3 | Space Headaches - Weekly Questionnaire |
| 16:50-18:20 | FE-5 | Physical Exercise (ARED) |
| 17:00-17:30 | FE-3 | HAM Radio Power Up |
| 17:05-18:05 | CDR | Physical Exercise (VELO), Day 4 |
| 17:05-18:05 | FE-1, FE-2 | Crew time for ISS adaptation and orientation |
| 17:30-17:45 | FE-3 | Evening Work Prep |
| 17:30-18:30 | FE-6 | SPRINT Protocol Placeholder |
| 17:45-18:00 | FE-3 | Private Medical Conference |
| 18:00-18:30 | FE-3 | Evening Work Prep |
| 18:05-18:25 | CDR | IMS Update |
| 18:05-18:30 | FE-1, FE-2 | Evening Work Prep |
| 18:20-18:30 | FE-5 | Evening Work Prep |
| 18:30-18:55 | | Daily Planning Conference (<i>S-band</i>) |
| 18:55-19:10 | CDR, FE-1, FE-2, FE-3, FE-5 | Evening Work Prep |
| 18:55-19:10 | FE-6 | Journal Entry |
| 19:10-19:30 | . | Flight Director / ISS Crew Tagup (<i>S-band</i>) |
| 19:30-21:15 | FE-3 | Pre-sleep |
| 19:30-21:25 | FE-5 | Pre-sleep |
| 19:30-19:35 | FE-6 | P/TV Playback Start |
| 19:30-21:30 | CDR, FE-1, FE-2 | Pre-sleep |
| 19:35-21:20 | FE-6 | Pre-sleep |
| 21:15-21:30 | FE-3 | Reaction Self Test |
| 21:20-21:25 | FE-6 | Reaction Self Test |
| 21:25-21:30 | FE-5 | Reaction Self Test |
| 21:25-21:30 | FE-6 | P/TV Playback Stop |
| 21:30-06:00 | | SLEEP |
| Task List | CDR, FE-1, FE-2 | Preparation of reports for Roskosmos site |
| | CDR | ECON. Observations and Photography |

Notes:

1. SM Window #9 shutter opening is at crew discretion w/ **Report to MCC**
 2. See OSTP for references to US activities
 3. Pre-sleep ops: daily food prep, dinner, pre-sleep
- End of Radiogram