

Radiogram No. 4580u

Form 24 for 11/05/02

DAY 5 OF JOINT FLIGHT WITH VISITING CREW-4

| GMT | CREW | ACTIVITY |
|-------------|---------------------------|--|
| 08:30–08:40 | | Morning inspection |
| 08:40–08:50 | VC CDR | VIRUS: saliva sample collection |
| 08:40–08:55 | VC FE-1 | |
| 08:40–09:05 | FE-2 | Post-sleep |
| 08:40–09:10 | VC FE-2, FE-1 | |
| 08:40–09:00 | CDR | |
| 08:50–09:05 | VC CDR | DIURESIS: equipment prep |
| 08:55–09:00 | VC FE-1 | ARISS: prep for amateur radio comm pass |
| 09:00–09:10 | | ARISS: amateur radio comm pass |
| 09:00–09:05 | CDR | DIURESIS: end of urine collection |
| 09:10–09:25 | VC FE-1 | Post-sleep |
| 09:05–09:30 | VC CDR | |
| 09:05–09:10 | FE-2 | DIURESIS: end of urine collection |
| 09:10–09:20 | CDR | DIURESIS: collection of capillary blood samples, hematocrit determination |
| 09:10–10:00 | FE-1, VC FE-2 | BREAKFAST |
| 09:20–09:30 | FE-2 | DIURESIS: collection of capillary blood samples, hematocrit determination |
| 09:25–10:15 | VC FE-1 | BREAKFAST |
| 09:30–10:00 | VC CDR | DIURESIS: collection of venous blood samples, second sample for <i>BIOTEST</i> |
| 09:30–09:45 | CDR | |
| | FE-2 | DIURESIS: urine sampling, storage in CRYOGEM, discarding waste |
| | CDR | |
| 09:45–10:00 | FE-2 | DIURESIS: collection of venous blood samples, second sample for <i>BIOTEST</i> |
| 10:00–10:15 | VC FE-2 | SLEEP: filling out questionnaire |
| 10:00–10:50 | CDR, FE-2 | BREAKFAST |
| 10:00–10:25 | FE-1 | Prep for work |
| | VC CDR | DIURESIS: centrifugation of venous blood samples and closeout ops |
| 10:15–10:25 | VC FE-1 | MESSAGE: incubation of microbial culture |
| 10:15–10:35 | VC FE-2 | Prep for work |
| 10:25–11:00 | VC CDR | BREAKFAST |
| 10:25–10:40 | VC FE-1 | SLEEP: filling out questionnaire |
| 10:30–10:40 | FE-1 | Daily payload status check |
| 10:35–11:05 | VC FE-2 | URAGAN: observations and photographing |
| 10:40–10:55 | FE-1 | Food questionnaire |
| 10:50–11:00 | FE-2 | Prep for work |
| 11:00–11:15 | ISS-5, VC CDR, VC FE-1 | Daily planning conference (<i>S-band</i>) |
| 11:05–11:15 | VC FE-2 | |

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| 11:15–11:30 | VC CDR | BREAKFAST |
| | FE-2 | Prep for work |
| 11:15–11:45 | CDR, VC FE-1 | |
| 11:30–11:50 | FE-1 | Monthly CEVIS maintenance |
| | FE-2 | 24-hour ECG recording (term) |
| 11:30–12:00 | VC FE-2 | NEUROCOG: payload prep |
| 11:30–11:45 | VC CDR | SLEEP: filling out questionnaire |
| 11:45–11:50 | | AQUARIUS-B: temperature check |
| 11:50–12:50 | FE-1 | Physical exercise (CEVIS) |
| 11:50–12:05 | VC FE-1 | Private conference via IP phone (<i>Ku-band</i>) |
| 11:50–12:10 | FE-2, CDR | 24-hour ECG recording (init) |
| 12:00–12:45 | VC FE-2, VC CDR | NEUROCOG: Halley payload prep (FE-2) |
| 12:10–13:55 | FE-2 | Condensate Water Processor (CPB-K): Gas-Liquid Mixture Filter (ΦГC) R&R • Water Conditioning Unit (БКБ): Column Unit (БК) R&R |
| 12:10–12:15 | CDR | PLANTS-2: payload status check |
| 12:15–12:20 | | Inspection of БРПК separator |
| 12:20–12:25 | | Inspection of BP fan in CKB1 (2) |
| 12:25–12:35 | | Weekly TVIS gyro inspection |
| 12:35–14:05 | | Physical exercise (TVIS + Active Rest)-2 |
| 12:45–12:55 | VC FE-1 | DCCO: videotape removal |
| 12:45–13:10 | VC FE-2 | NEUROCOG: <i>Virtual Turns in Fixed Position</i> (FE-2) |
| 12:50–12:55 | FE-1 | Weekly TVIS maintenance |
| 12:55–14:25 | | Physical exercise (RED) |
| 12:55–13:05 | VC FE-1 | DCCO: powerdown |
| 13:00–13:10 | VC CDR | NEUROCOG: <i>Virtual Turns in Fixed Position</i> (FE-2) |
| 13:05–13:25 | VC FE-1 | DCCO: stowage |
| 13:10–13:35 | VC CDR, VC FE-2 | NEUROCOG: <i>Virtual Turns in Free Floating Position</i> (FE-2) |
| 13:30–13:35 | VC FE-1 | |
| 13:35–14:05 | VC FE-2 | NEUROCOG: closeout ops (FE-2) |
| 13:55–14:55 | FE-2 | Physical exercise (TVIS-2) |
| 14:05–14:30 | VC CDR, VC FE-2 | NEUROCOG: <i>Orientation in Free Floating Position</i> (FE-2) |
| 14:05–14:10 | VC FE-1 | |
| | CDR | Weekly TVIS maintenance |
| 14:10–14:50 | | COЖ maintenance |
| 14:25–14:40 | FE-1 | Periodic inspection of RED |
| 14:25–14:35 | VC FE-1 | PROMISS: tape replacement |
| 14:30–14:50 | VC FE-2 | NEUROCOG: <i>Orientation in Fixed Position</i> (FE-2) |
| 14:45–14:50 | VC FE-1 | |
| 14:50–15:10 | VC FE-2 | NEUROCOG: closeout ops, payload powerdown, teardown (FE-2) |
| 14:55–15:55 | ISS-5 | LUNCH |
| 15:10–16:10 | VC-4 | |
| 15:55–16:55 | ISS-5 | Prep for crew departure |

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| 16:15–16:50 | VC FE-1 | NANOSLAB: payload setup |
| 16:15–16:40 | VC FE-2 | NANOSLAB: photography |
| 16:40–17:45 | VC CDR, VC FE-2 | Commemorative activity. Video recording of commemorative activity |
| 16:50–17:00 | VC FE-1 | NANOSLAB: payload activation |
| 16:55–18:25 | FE-1 | Pre-pack and transfer for 11A |
| 16:55–17:35 | FE-2 | БРПК-2 separator R&R |
| 17:00–17:30 | VC FE-1 | Photo/video ops |
| 17:15–18:15 | CDR | Physical exercise (TVIS-2) |
| 17:30–17:45 | VC FE-1 | Private medical conference (<i>S-band</i>) |
| 17:45–18:15 | | E-mail ops |
| 17:45–18:00 | VC FE-2 | AKUSTIKA-M: prep operations with Sound Level Meter (SLM) and Laptop3 |
| 17:55–18:25 | FE-2 | IMS file prep |
| 18:00–18:15 | VC FE-2 | AKUSTIKA-M: measurements during voice comm pass (<i>VHF-1</i>) |
| 18:00–18:10 | VC CDR | Private medical conference (<i>VHF-2</i>) |
| 18:15–18:30 | VC CDR, VC FE-2 | AKUSTIKA-M: measurements between voice comm passes |
| 18:25–18:55 | ISS-5 | ISS-5/ISS-6 crew conference (<i>S-band</i>) |
| 18:30–19:20 | VC CDR, VC FE-2 | Commemorative activity. Video recording of commemorative activity |
| 18:55–19:55 | FE-1, CDR | Pre-EVA EMU config |
| 18:55–19:10 | FE-2 | Private medical conference (<i>S-band</i>) |
| 19:20–19:35 | VC CDR, VC FE-1 | PAO TV event prep (T₀=19:21, T1, T2, T3 will be activated by the СПП Automated Daily Timeline) |
| 19:20–20:50 | FE-2 | Physical exercise (TVIS + Active Rest.)-2 |
| 19:35–19:45 | VC FE-2 | Private medical conference (<i>VHF-2</i>) |
| 19:35–19:50 | VC FE-1, VC CDR (assist) | PAO TV event with Belgian TV stations (<i>VHF-1</i>) |
| 19:50–20:20 | VC FE-2 | DIATOMEA: ocean observations |
| 20:00–20:15 | FE-1 | Private medical conference (<i>S-band</i>) |
| 20:15–20:30 | CDR | |
| 20:20–20:50 | VC FE-2 | Photo/video ops |
| 20:25–20:55 | VC FE-1, VC CDR | Report prep |
| 20:45–21:15 | CDR, FE-1 | Daily plan review |
| 20:50–21:15 | FE-2 | |
| 20:50–21:10 | VC FE-2 | Report prep |
| 20:55–21:10 | VC CDR, VC FE-1 | Setup for PAO TV event (T₀=20:55, T1, T2, T3 will be activated by the СПП Automated Daily Timeline) |
| 21:10–21:25 | VC FE-1, VC CDR (assist) | PAO TV event with Belgian TV stations (<i>VHF-1</i>) |
| | VC FE-2 | AKUSTIKA: measurements during voice comm pass (<i>VHF-2</i>) |
| 21:15–21:45 | ISS-5 | Prep for work |
| 21:25–21:40 | VC FE-2 | AKUSTIKA-M: closeout ops |
| 21:25–21:45 | VC FE-1 | Daily plan review |
| 21:25–21:30 | VC CDR | AQUARIUS-B: temperature check |

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| 21:30–21:45 | | Daily plan review |
| 21:45–22:00 | | Daily planning conference (<i>S-band</i>) |
| 22:00–22:30 | | DINNER |
| 22:30–22:45 | VC FE-2 | Prep for video downlink (Belgian program) (To=22:27, T1, T2, T3 will be activated by the CПП Automated Daily Timeline) |
| 22:30–23:00 | ISS-5, VC FE-1, VC CDR | Daily food prep |
| 22:45–23:00 | VC FE-2 | Video downlink (Belgian program) |
| 23:00–00:00 | ISS-5, VC CDR, VC FE-1 | Pre-sleep |
| 23:00–23:50 | VC FE-2 | |
| 23:50–00:00 | | |
| 00:00–08:30 | | SLEEP |

Note: See OSTP for references to US procedures

End of radiogram