Radiogram No. 2183u

Form 24 for 10.28.2001

PLASMA CRYSTAL

TV Coverage: TV AOS Ku-band

07:29-07:48, 08:58-09:18 11:10-11:25, 11:50-12:05, 19:30-19:45

	i ta bana	11.10 11.20, 11.00 12.00, 10.00 10.00
GMT	Crew	Activity / ODF or R/G
05:40-06:10	CR ¹ -1	Personal hygiene (post-sleep)
06:00-06:15	CR-2	Conference with Cite de l'Espace (France) on VHF2
06:00-06:10	ISS3, CR-3	Morning inspection
06:10-06:40	CDR	Personal hygiene (post-sleep)
06:10-06:40	CR-1	BREAKFAST
06:10-06:40	CR-3	
06:10-06:35	FE-1, PLT	Personal hygiene (post-sleep)
06:15-06:40	CR-2	
06:35-06:55	FE-1	DIURESIS: experiment end (day 2 ops) / ? ?, item 7, pages 7-1 to 7-10 +r/g 2179
06:35-06:40	PLT	
06:40-07:20	CR-3	BREAKFAST
06:40-07:15	CR-2	
06:40-07:30	CDR	
06:40-08:40	CR-1	DIURESIS: experiment end (day 2 ops) / ? ?, item 7, pages 7-1 to 7-10 +r/g 2179
06:50-06:55	PLT	
07:10-07:15	FE-1, PLT	
07:15–07:25	PLT	Dran for TV conference / CM Video & Audio item 2.4 pages 2.5 to 2.7
07:15–07:30	CR-2	Prep for TV conference / SM Video & Audio, item 3.4, pages 3-5 to 3-7
07:20-08:00	CR-3	PLASMA CRYSTAL-3: pre-run vacuum purge (start) / r/g 2200
07:25–07:50	PLT, FE-1	DIURESIS: experiment end (day 2 ops) / ? ?, item 7, pages 7-1 to 7-10 +r/g 2179
07:30-08:00	CDR	Work prep
07:30-08:00	CR-2	TV report: ANDROMEDE Research Program
07:50-08:40	FE-1, PLT	BREAKFAST
08:00-08:45	CR-2	COGNI: experiment setup: <i>Three-Dimensional Navigation / SM ANDROMEDE, item 6.2 +r/g 2213</i>
08:45–09:35	CR-1	COGNI: Three-Dimensional Navigation experiment / SM ANDROMEDE, item 6.3 +r/g 2213
08:50-09:20	CR-3, CR-2	PLASMA CRYSTAL-3: video downlink / r/g 2200
09:00–09:40	FE-1	Monitoring of ISS microecosphere / MO Vol. 2, items 4.1.2.2 - 4.1.2.3, pages 4-4 to 4-6
09:25-09:50	CDR	LAB payload daily status check
09:35–10:25	CR-2	COGNI: Three-Dimensional Navigation experiment / SM ANDROMEDE, item 6.3 3 +r/g 2213
10:15–10:45	CR-1	DIATOMEA: study of world's oceans / r/g 2212
10:25–11:15	CR-3	COGNI: Three-Dimensional Navigation experiment / SM ANDROMEDE, item 6.3 +r/g 2213
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¹ CR – Cosmonaut Researcher (*translator's note*)

Downlink of ??? data		1	
11:10-11:25	10:35–10:40		Downlink of ?? counter data
11:15–11:35	10:40–10:45	FE-1	Downlink of ??? data
11:35-11:35	11:10–11:25		,
11:35-12:05 PLT Family videoconference (Ku-band) 11:55-12:15 CR-3, CR-1 Item 6.4 + r/g 2213 12:15-12:35 CR-2, CR-1 COGNI: Visual Orientation experiment (CR-1 - assist) / SM ANDROMEDE, Item 6.4 + r/g 2213 12:15-12:35 CR-2, CR-1 COGNI: Visual Orientation experiment (CR-2 - assist) / SM ANDROMEDE, Item 6.4 + r/g 2213 12:30-13:10 CDR Maintenance of ?? ? 12:35-12:55 CR-2 COGNI: data backup to removable HD and ??? ? IA / SM ANDROMEDE, Item 6.5 + r/g 2213 12:55-13:10 COGNI: concluding ops / SM ANDROMEDE, Item 6.6 + r/g 2213 12:10-14:10 LUNCH LUNCH 14:10-17:50 CR-3 PLASMA CRYSTAL: experiment (assist) / r/g 2200 14:10-17:10 CR-1 Payload photo/video ops / r/g 2210 14:10-15:05 CR-2 PLASMA CRYSTAL: experiment prep / r/g 2200 15:05-16:30 CR-2 PLASMA CRYSTAL: experiment run / r/g 2200 16:55-17:55 CDR Physical exercise (TVIS) 17:00-17:50 CR-2 PLASMA CRYSTAL: HDD data backup / stowage of video camera / r/g 2200 17:55-18:10 Report prep 18:10-18:25 ISS3, CR-1 CR-2 AQUARIUS: embryo fixation / SM ANDROMEDE, Item 1.3 + r/g 2213 18:10-18:25 CR-1 Charging camcorder battery / SM Video & Audio, Item 3.2, page 3-2 18:45-19:30 Reviewing plan for the next day 19:30-20:00 CR-3 CR-1 Charging camcorder battery / SM Video & Audio, Item 3.2, page 3-2 18:45-20:00 CDR Passing conference (Ku-band) Family videoconference (Ku-band) 19:30-20:00 CR-3 CR-1 CR-3 Personal hygiene (pre-sleep) 19:30-21:30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200 19:30-21:30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200 10:50-21:30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200 10:50-21:30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200 10:50-21:30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200 10:50-21:30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200 10:50-21:30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200 10:	11:15–11:35	CR-2	
11:55–12:15	11:35–11:55	CR-2, CR-1	
Item 6.4 + r/g 2213 Item 6.5 + r/g 2213 Item 6.6 + r/g 2214 Item 6.6 + r/g 2213 Item 6.6 + r/g 2200 Item 6.6 + r/g 2213 Item 6.6 + r/g 2200 Item 6.6 + r/g 2213 Item 6.6 + r/g 2200 Item 6.6 + r/g 2200	11:50–12:05	PLT	Family videoconference (Ku-band)
Item 6.4 +r/g 2213 Item 6.4 +r/g 2213 Item 6.4 +r/g 2213 Item 6.5 +r/g 2210 Item 6.5 +r/g 2200 Item 6.6 +r/g 2213 Item 6.6 +r/g 2213 Item 6.6 +r/g 2213 Item 6.6 +r/g 2213 Item 6.5 +r/g 2200 Item 6.6 +r/g 2213 Item 6.6 +r/g 2200 Item 6.6 +r/g 2200 Item 6.	11:55–12:15	CR-3, CR-1	
12:35-12:55 CR-2	12:15–12:35	CR-2, CR-1	
12:35-12:55 CR-2	12:30–13:10	CDR	Maintenance of ???
13:10-14:10	12:35–12:55	CR-2	
14:10-17:50 CR-3 PLASMA CRYSTAL: experiment (assist) / r/g 2200 14:10-17:10 CR-1 Payload photo/video ops / r/g 2210 14:10-15:05 CR-2 PLASMA CRYSTAL: experiment prep / r/g 2200 15:25-16:55 CDR ? ? -TVIS 16:30-17:00 CR-2 PLASMA CRYSTAL: experiment run / r/g 2200 16:55-17:55 CDR Physical exercise (TVIS) 17:00-17:50 CR-2 PLASMA CRYSTAL: HDD data backup / stowage of video camera / r/g 2200 17:55-18:10 Report prep 18:10-18:30 CR-2 AQUARIUS: embryo fixation / SM ANDROMEDE, item 1.3 +r/g 2213 18:25-18:35 CR-1 Charging camcorder battery / SM Video & Audio, item 3.2, page 3-2 18:45-19:30 Reviewing plan for the next day 19:30-20:00 FE-1, PLT, VC² DINNER 19:45-20:00 CDR Daily food ration prep 20:30-21:30 CR-1, CR-2, ISS3 CR-1, CR-2, ISS3 20:30-21:30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200	12:55–13:10		COGNI: concluding ops / SM ANDROMEDE, item 6.6 +r/g 2213
14:10–17:10 CR-1 Payload photo/video ops / r/g 2210 14:10–15:05 CR-2 PLASMA CRYSTAL: experiment prep / r/g 2200 15:05–16:30 PLASMA CRYSTAL: experiment run / r/g 2200 15:25–16:55 CDR ? ? -TVIS 16:30–17:00 CR-2 PLASMA CRYSTAL: concluding ops / r/g 2200 16:55–17:55 CDR Physical exercise (TVIS) 17:00–17:50 CR-2 PLASMA CRYSTAL: HDD data backup / stowage of video camera / r/g 2200 17:55–18:10 Report prep 18:10–18:30 CR-2 AQUARIUS: embryo fixation / SM ANDROMEDE, item 1.3 +r/g 2213 18:10–18:25 ISS3, CR-1, CR-3 Daily planning conference 18:25–18:35 CR-1 Charging camcorder battery / SM Video & Audio, item 3.2, page 3-2 18:45–19:30 Reviewing plan for the next day 19:30–19:45 CDR Family videoconference (Ku-band) 19:30–20:00 FE-1, PLT, VC² DINNER 20:00–20:30 Daily food ration prep 20:30–21:00 CR-3, ISS3 Personal hygiene (pre-sleep) 20:30–21:30 CR-1, CR-2, ISS3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200	13:10–14:10		LUNCH
14:10-15:05 15:05-16:30 PLASMA CRYSTAL: experiment prep / r/g 2200 PLASMA CRYSTAL: experiment run / r/g 2200 PLASMA CRYSTAL: experiment run / r/g 2200 PLASMA CRYSTAL: experiment run / r/g 2200 PLASMA CRYSTAL: concluding ops / r/g 2200 Physical exercise (TVIS) PLASMA CRYSTAL: HDD data backup / stowage of video camera / r/g 2200 PLASMA CRYSTAL: HDD data backup / stowage of video camera / r/g 2200 PLASMA CRYSTAL: HDD data backup / stowage of video camera / r/g 2200 PLASMA CRYSTAL: HDD data backup / stowage of video camera / r/g 2200 PLASMA CRYSTAL: HDD data backup / stowage of video camera / r/g 2200 PLASMA CRYSTAL: HDD data backup / stowage of video camera / r/g 2200 PLASMA CRYSTAL: HDD data backup / stowage of video camera / r/g 2200 PLASMA CRYSTAL: HDD data backup / stowage of video camera / r/g 2200 PLASMA CRYSTAL: HDD data backup / stowage of video camera / r/g 2200 PLASMA CRYSTAL: HDD data backup / stowage of video camera / r/g 2200 PLASMA CRYSTAL: HDD data backup / stowage of video camera / r/g 2200 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200 PLASMA CRYSTAL: vacuum purg	14:10–17:50	CR-3	PLASMA CRYSTAL: experiment (assist) / r/g 2200
15:05-16:30	14:10–17:10	CR-1	Payload photo/video ops / r/g 2210
15:05-16:30	14:10–15:05	CR-2	PLASMA CRYSTAL: experiment prep / r/g 2200
16:30-17:00 CR-2 PLASMA CRYSTAL: concluding ops / r/g 2200 16:55-17:55 CDR Physical exercise (TVIS) 17:00-17:50 CR-2 PLASMA CRYSTAL: HDD data backup / stowage of video camera / r/g 2200 17:55-18:10 Report prep 18:10-18:30 CR-2 AQUARIUS: embryo fixation / SM ANDROMEDE, item 1.3 +r/g 2213 18:10-18:25 ISS3, CR-1, CR-3 Daily planning conference 18:25-18:35 CR-1 Charging camcorder battery / SM Video & Audio, item 3.2, page 3-2 18:45-19:30 Reviewing plan for the next day 19:30-19:45 CDR Family videoconference (Ku-band) 19:30-20:00 FE-1, PLT, VC2 DINNER 19:45-20:00 CDR Daily food ration prep 20:30-21:00 CR-3 Personal hygiene (pre-sleep) 19:30-21:30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200 19:30-21:30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200 19:30-21:30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200 19:30-21:30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200 19:30-21:30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200 19:30-21:30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200 19:30-21:30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200 19:30-21:30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200 19:30-30-30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200 19:30-30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200 19:30-30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200 19:30-30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200	15:05–16:30		PLASMA CRYSTAL: experiment run / r/g 2200
16:55–17:55 CDR	15:25–16:55	CDR	??-TVIS
17:00-17:50 CR-2 PLASMA CRYSTAL: HDD data backup / stowage of video camera / r/g 2200 17:55-18:10 Report prep 18:10-18:30 CR-2 AQUARIUS: embryo fixation / SM ANDROMEDE, item 1.3 +r/g 2213 18:10-18:25 ISS3, CR-1, CR-3 Daily planning conference 18:25-18:35 CR-1 Charging camcorder battery / SM Video & Audio, item 3.2, page 3-2 18:45-19:30 Reviewing plan for the next day 19:30-19:45 CDR Family videoconference (Ku-band) 19:30-20:00 FE-1, PLT, VC² DINNER 19:45-20:00 CDR Daily food ration prep 20:30-21:30 CR-3 Personal hygiene (pre-sleep) 19:30-21:30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200 10:20:20:20:20:20:20:20:20:20:20:20:20:20	16:30–17:00	CR-2	PLASMA CRYSTAL: concluding ops / r/g 2200
17:50-17:50 CR-2 2200 17:55-18:10 Report prep 18:10-18:30 CR-2 AQUARIUS: embryo fixation / SM ANDROMEDE, item 1.3 +r/g 2213 18:10-18:25 ISS3, CR-1, CR-3 Daily planning conference 18:25-18:35 CR-1 Charging camcorder battery / SM Video & Audio, item 3.2, page 3-2 18:45-19:30 Reviewing plan for the next day 19:30-19:45 CDR Family videoconference (Ku-band) 19:30-20:00 FE-1, PLT, VC2 DINNER 19:45-20:00 CDR 20:00-20:30 Daily food ration prep 20:30-21:00 CR-3 20:30-21:30 CR-1, CR-2, ISS3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200	16:55–17:55	CDR	Physical exercise (TVIS)
18:10–18:30 CR-2 AQUARIUS: embryo fixation / SM ANDROMEDE, item 1.3 +r/g 2213 18:10–18:25 ISS3, CR-1, CR-3 Daily planning conference 18:25–18:35 CR-1 Charging camcorder battery / SM Video & Audio, item 3.2, page 3-2 18:45–19:30 Reviewing plan for the next day 19:30–19:45 CDR Family videoconference (Ku-band) 19:30–20:00 FE-1, PLT, VC² DINNER 19:45–20:00 CDR Daily food ration prep 20:30–21:30 CR-3 Personal hygiene (pre-sleep) 20:30–21:30 CR-1, CR-2, ISS3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200	17:00–17:50	CR-2	
18:10–18:25 ISS3, CR-1, CR-3 Daily planning conference 18:25–18:35 CR-1 Charging camcorder battery / SM Video & Audio, item 3.2, page 3-2 18:45–19:30 Reviewing plan for the next day 19:30–19:45 CDR Family videoconference (Ku-band) 19:30–20:00 FE-1, PLT, VC² DINNER 19:45–20:00 CDR Daily food ration prep 20:30–21:00 CR-3 Personal hygiene (pre-sleep) 20:30–21:30 CR-1, CR-2, ISS3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200	17:55–18:10		Report prep
18:10-18:25 CR-3	18:10–18:30	CR-2	AQUARIUS: embryo fixation / SM ANDROMEDE, item 1.3 +r/g 2213
18:45–19:30 Reviewing plan for the next day 19:30–19:45 CDR Family videoconference (Ku-band) 19:30–20:00 FE-1, PLT, VC² DINNER 19:45–20:00 CDR 20:00–20:30 Daily food ration prep 20:30–21:00 CR-3 Personal hygiene (pre-sleep) 20:30–21:30 CR-1, CR-2, ISS3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200	18:10–18:25		Daily planning conference
19:30–19:45 CDR Family videoconference (Ku-band) 19:30–20:00 FE-1, PLT, VC² DINNER 19:45–20:00 CDR 20:00–20:30 Daily food ration prep 20:30–21:00 CR-3 20:30–21:30 CR-1, CR-2, ISS3 21:00–21:30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200	18:25–18:35	CR-1	Charging camcorder battery / SM Video & Audio, item 3.2, page 3-2
19:30–20:00 FE-1, PLT, VC ² DINNER 19:45–20:00 CDR 20:00–20:30 Daily food ration prep 20:30–21:00 CR-3 Personal hygiene (pre-sleep) 20:30–21:30 CR-1, CR-2, ISS3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200	18:45–19:30		Reviewing plan for the next day
19:45–20:00 VC2 DINNER 19:45–20:00 CDR 20:00–20:30 Daily food ration prep 20:30–21:00 CR-3 Personal hygiene (pre-sleep) 20:30–21:30 CR-1, CR-2, ISS3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200	19:30–19:45	CDR	Family videoconference (Ku-band)
Daily food ration prep	19:30–20:00	FE-1, PLT, VC ²	DINNER
20:30–21:00 CR-3 20:30–21:30 CR-1, CR-2, ISS3 Personal hygiene (pre-sleep) 21:00–21:30 CR-3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200	19:45–20:00	CDR	
20:30–21:30	20:00–20:30		Daily food ration prep
20:30–21:30 ISS3 PLASMA CRYSTAL: vacuum purge (end) / r/g 2200	20:30–21:00	CR-3	Personal hygiene (pre-sleep)
	20:30–21:30		
21:30–06:00 SLEEP	21:00–21:30	CR-3	PLASMA CRYSTAL: vacuum purge (end) / r/g 2200
	21:30-06:00		SLEEP

NOTE: see OSTP for references to US activities

² VC – Visiting Crew (translator's note)