STS-124 / 1J

FD 12 Execute Package

MSG	Page(s)	Title
102A	1 - 14	FD12 Flight Plan Revision **(pdf)**
103	15 - 16	FD12 Mission Summary **(pdf)**
104	17	FD12 Activate WLES on STS5 (RPOP) **(pdf)**
105	---	MS5 Midodrine Constraint Reminder **(pdf - Electronic Only)**

Approved by FAO: *Jaime Marshik*

Last Updated: Jun 11 2008 6:34AM GMT
JEDI *(**J**oint **E**xecute package **D**evelopment and **I**ntegration), v2.04.0003*

MSG INDEX

MSG NO.	TITLE
102	FD12 Flight Plan Revision
103	FD12 Mission Summary
104	FD12 Activate WLES on STS5 (RPOP)
105	MS5 Midodrine Constraint Reminder

1. FD12 Post Sleep Cryo Config

For today's cryo config prior to undocking, additional O2 tanks will be activated to mitigate the effects of cryo tank destratification. After completion of the separation burns, EGIL will provide steps realtime to reconfigure to the nominal cryo config.

R1 O2, H2 MANF VLV TK2 (two) - OP (tb-OP)
O2 TK3 HTR A - AUTO

A11 CRYO TK4 HTR O2 A – AUTO

2. FD11 MMT Summary

The MMT met today to review the vehicle status, mission progress and poll the team for undocking. The team continues to be impressed with your hard work and how much was accomplished on this docked mission. The MMT was polled and all members were GO for undocking.

3. OBSS Survey Procedure Delta

The LCS vendor has requested the following delta to the post-undock OBSS survey procedures to workaround the Y-galvo anomaly seen during the FD5 OBSS Sensor Checkout:

OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS NOM OPS) step 5b, after "Maximize LCC software", insert "Under Auto Exposure, uncheck 'Use Auto-Exposure'."

Attempt all three area scans and disregard any GCP error messages generated during LCS characterization. Also, remember to ignore the "If performing Late Inspection" callouts throughout the OBSS survey procedures, as the procedures are to be completed in full.

4. Midodrine Note for MS5

Garrett, in preparation for your return home and as part of your SMO-006 - *Test of Midodrine as a Countermeasure Against Postflight Orthostatic Hypotension "Midodrine"* participation, please refer to MSG 105 - MS5 Midodrine Constraint Reminder. This message contains constraints that need to be followed for FD12 and FD14.

5. REPLACE PAGES 2-40, 2-42, 2-44 and 3-126 through 3-135.

END OF PAGE 1 OF 14, MSG 102A

06/11/08 01:16:24 **REPLANNED**

GMT 06/10/08 (162) 010/00 22 01 23 02 06/11 03 01 04 02 05 03 06 04 07 05 08 06 09 07 10 08 11 09 12

MET Day 010

FD11

STS-124	CDR KELLY	ODS LEAK CHECK	N2-TATHO*	BLEED OMS^	PRE SLEEP	PMC A/G	PRE SLEEP	SLEEP						POST SLEEP
	PLT HAM	RNDZ TOOLS C/O			PRE SLEEP			SLEEP						POST SLEEP
	MS1 NYBERG	RNDZ TOOLS C/O			PRE SLEEP			SLEEP					LOG	POST SLEEP
	MS2 GARAN	PRE SLEEP	EMU INST		PRE SLEEP			SLEEP					LOG	POST SLEEP
	MS3 FOSSUM	EXER CISE	EMU INST		PRE SLEEP			SLEEP					SLVA	POST SLEEP
	MS4 HOSHIDE	ODS LEAK CHECK			PRE SLEEP			SLEEP					SLVA	POST SLEEP
	MS5 REISMAN				PRE SLEEP			SLEEP					SLVA	POST SLEEP
EXP 17	ISS CDR VOLKOV	DPC	PS	PMC	PS			SLEEP (8.5)						PS
	FE-1 KONONENKO	DPC	PS	PMC	PS	♣		SLEEP (8.5)					⊕	PS
	FE-2 CHAMITOFF	DPC	PS	PMC	PS			SLEEP (8.5)						PS

STS

ORBIT 159 160 161 162 163 164 165 166

DAY/NIGHT

TDRS W -171 E -46 Z 275

ORB ATT BIAS -XLV -ZVV

NOTES

*STS TO CMG
^I'CNCT RETURN
♣МБИ-12-EXP-INIT
⊕МБИ12 DCNCT

06/11/08 01:16:24 **REPLANNED**

GMT 06/11/08 (163) — MET Day 010

		12–13	13–14	14–15	15–16	16–17	17–18	18–19	19–20	20–21	21–22	22–23	23–011/00
STS-124	FD12 CDR KELLY	POST SLEEP; IMS UT; PSE; SALTEO P*; MNVR; UNDK; GRPB; PWRUP	UNDOCK OPS	FLYAROUND/SEP (SEP1^ SEP2^)	GRPB; PWRDN; RCS*; IFCS-TI; TIE#	MEAL	MNVRD; STBD	MNOVRE; NOSE	HTRBT; CESBT; MNVRT	EXERCISE	COND; T/D	POST ISS EVA ENTPREP	-ZVV; PSLEEP
STS-124	PLT HAM	POST SLEEP; OPCS2; OPCU^	MCIU; GRPB; PWRUP; SSRV-3	UNDOCK OPS	FLYAROUND/SEP	GRPB; PWRDN; OIU>	MNVR FLT FLD	MEAL	OBSS STBD SURVEY	OBSS PORT SURVEY		EXERCISE	PRE SLEEP
STS-124	MS1 NYBERG	POST SLEEP	C/L CAMR INST	UNDOCK OPS	FLYAROUND/SEP		MNVR FLT FLD	MEAL	OBSS STBD SURVEY	NOSE CAP SURVEY	OISU; DSEOR; DEACT; EXERCISE	FCMS OPS	PRE SLEEP
STS-124	MS2 GARAN	POST SLEEP		UNDOCK OPS	FLYAROUND/SEP	POST UNDK PGSC CONFG	MEAL	EXERCISE	NOSE CAP SURVEY	OBSS PORT SURVEY		POST ISS EVA ENTPREP	PRE SLEEP
STS-124	MS3 FOSSUM	POST SLEEP	P/TVO3 UNDOCK S/U	P/TVO3 UNDOCK OPS		POST UNDK PGSC CONFG	MEAL	OBSS STBD SURVEY	NOSE CAP SURVEY	OBSS PORT SURVEY		PRE SLEEP	EXER CISE
STS-124	MS4 HOSHIDE	POST SLEEP	C/L CAMR INST	UNDOCK OPS	FLYAROUND/SEP	PD/TVC3; DEACT; UNDYKBK	MEAL		EXERCISE			LDRI D/L	♣
STS-124	MS5 REISMAN	POST SLEEP		UNDOCK OPS	FLYAROUND/SEP		MEAL	EXERCISE					PRE SLEEP
EXP 17	ISS CDR VOLKOV	PS; PW; DPC; PW		PMA2 DPRT CNFG; UNDK BKWY	RS PAO; RED	TRASH REL	MEAL	ТКГ-29-IMS-XFER1	CTTC; IMS	TVIS		PRE SLEEP; DPC	PS
EXP 17	FE-1 KONONENKO	PS; PW	DPC; PW	МБИ12; DWNLD; ТКГ-29-IMS-XFER1	RS PAO	TVIS	MEAL	ЕДВ-FILL; СОЖ-MNT	A/L DCNFG	VELO+RED	РБО 3 2 FE1 MSR; ИП 1 MNT	PS; DPC	PS
EXP 17	FE-2 CHAMITOFF	PS; PW	WIND; DPC; PW; PMA2 DPRS	PMA2 DPRS PT 1	BSTSOMWU; CAP; DPMA22	WRM CWC INIT; PMA2 DPRS PT 3	MEAL	CTWCC; TERM; ANITA; MINIOTX; CEVIS	RED	EXER	PS; DPC	PS	

STS

ORBIT	166	167	168	169	170	171	172	173	174				
DAY/NIGHT													
TDRS W -171													
TDRS E -46													
TDRS Z 275													
ORB ATT	BIAS -XLV -ZVV	UNDOCK	FLYAROUND/SEP	-ZLV -XVV	BIAS +YSI	BIAS +XSI	BIAS -YSI						

NOTES

*CMG TO STS
^DEACT

*REG RCNFG
#B-C BUS TIE
^DEACT

***UNDOCK 10/14:40**

♣PRE SLEEP

06/11/08 01:16:24 **REPLANNED**

GMT 06/11/08 (163) 011/00 22 23 06/12 01 02 03 04 05 06 07 08 09
MET Day 011 01 02 03 04 05 06 07 08 09 10 11 12

FD12

STS-124	CDR KELLY	PRE SLEEP	PMC OCA	PRE SLEEP	SLEEP		POST SLEEP
	PLT HAM	PRE SLEEP			SLEEP		POST SLEEP
	MS1 NYBERG	PRE SLEEP			SLEEP	LOG	POST SLEEP
	MS2 GARAN	PRE SLEEP			SLEEP	LOG	POST SLEEP
	MS3 FOSSUM	EXERCISE	PRE SLEEP		SLEEP		POST SLEEP
	MS4 HOSHIDE	PRE SLEEP			SLEEP		POST SLEEP
	MS5 REISMAN	PRE SLEEP			SLEEP		POST SLEEP
EXP 17	ISS CDR	PS	MBI 12	SLEEP (8.5)			
	FE-1	PS		SLEEP (8.5)			
	FE-2 CHAMITOFF	PS		SLEEP (8.5)			

STS

ORBIT		174 175 176 177 178 179 180 181 182
DAY/NIGHT		
TDRS	W -171	
	E -46	
	Z 275	
ORB ATT		-ZLV -XVV

NOTES

STS-124 FD12

REPLANNED

GMT Date 06/11 (163) | W | T D R S E | Z | D / N | O R B | MET Day 010 | STS ATI

CDR GREEN EGGS | PLT AND SPAM | MS1 SPECIAL K | Notes

06:00 07:00 08:00 09:00

08:00 09:00 10:00 11:00 12:00

164 165 166

BIAS -XLV -ZVV

SLEEP

SLEEP

SLEEP

FD12 EZ ACTIVITES
√OCAC FILTER
HARD REBOOT ALL PGSCs EXCEPT:
STS7(WLES) & OCA ROUTER.

FLIGHT SLEEP LOG (ORB OPS, SDBI)

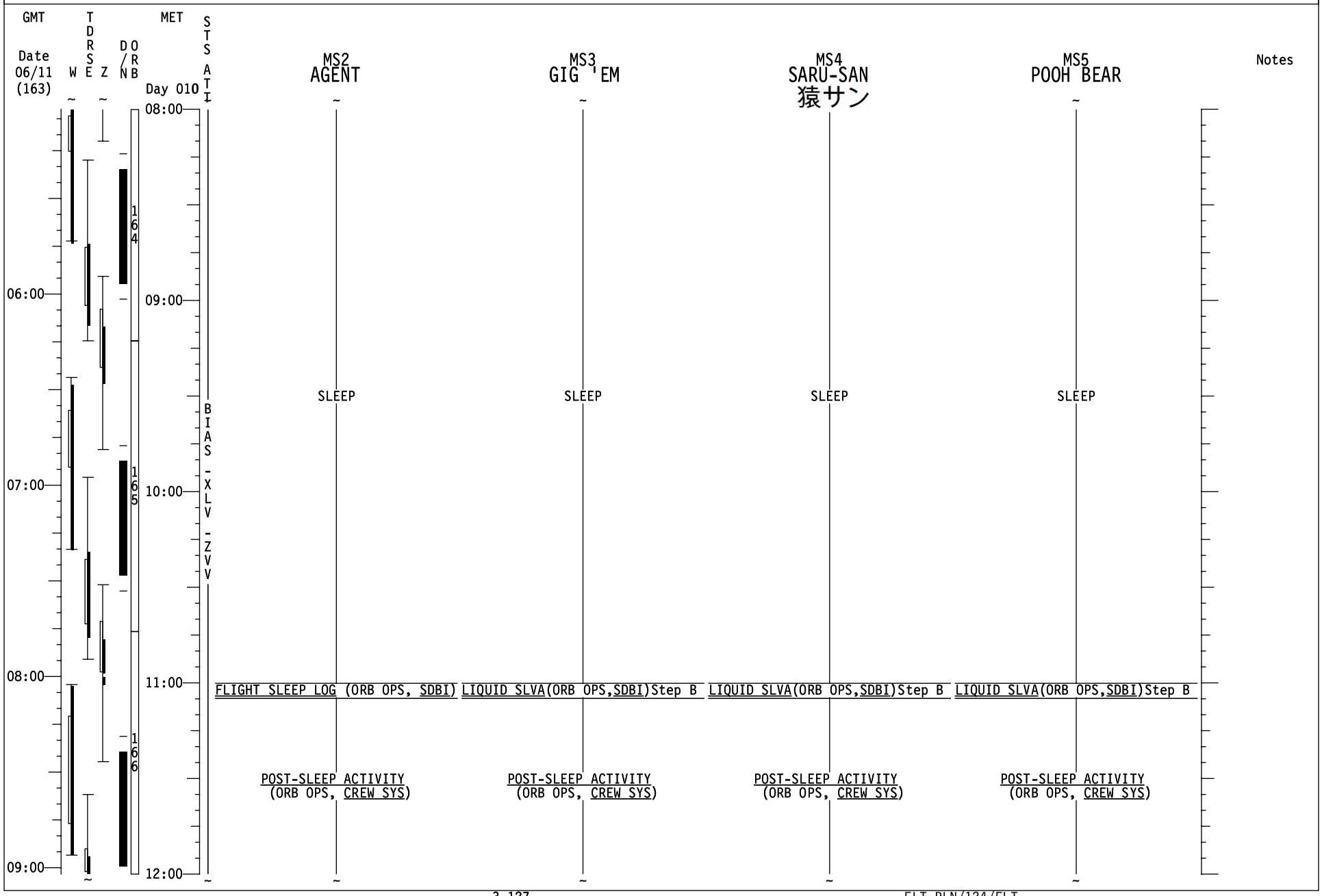
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

STS-124 FD12

REPLANNED



STS-124 FD12

REPLANNED

GMT Date 06/11 (163) | W | TDRSE | Z | D/N | ORB | MET Day 010 | STS ATT

CDR GREEN EGGS | PLT AND SPAM | MS1 SPECIAL K | Notes

12:00 — BIAS -XLV -ZVV

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

10:00 — 13:00

IMU STAR OF OPTY ALIGN (ORB OPS, GNC)
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

ATTITUDE HANDOVER [A]
MNVR (TRK) -XLV +ZVV (UNDOCK)
TG=2 BV=5 P=180 Y=0 OM=0
A12/AUTO/VERN Init TRK

PCS 1(2) CONFIG (ORB OPS, ECLS) [B]
SSPTS OPCU DEACT [C]
L17 Check MCIU filter screen

C/L CAMR INSTALL
(PHOTO/TV, C/L CAMR)
Perform Step 1 Only
(Locker: ML60B)

06 S TRK PWR - Z - ON
PRIORITY PWRUP GRP B(ORB PKT,PRI PWRDN)
Steps 12(Recover IMU3),6(Triple G2)[D]

06 S TRK PWR - Z - ON
PRIORITY PWRUP GRP B(ORB PKT,PRI PWRDN)
Steps 12(Recover IMU3),6(Triple G2)[D]

SSV OUTRATE - 3

11:00 — 14:00 — UNDOCK

UNDOCKING AND SEPARATION (RNDZ, UNDOCK/SEP T/L)

UNDOCKING AND SEPARATION (RNDZ, UNDOCK/SEP T/L)

UNDOCKING AND SEPARATION (RNDZ, UNDOCK/SEP T/L)

UPDATE
TFL 192

UPLINK
β21 Only
Box 31,30,56

UNDOCKING(10/14:40)

SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)

SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)

SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)

12:00 — 15:00 — FLYAROUND/SEP

[A] √MCC for proper DAP config for ATTH/O
When ISS is Free Drift,DAP:LVLH,
when rates<0.1,DAP:AUTO

[B] Configure to PCS 2
R13U PARAM NAME C/W CH LOWER LIMIT
CAB PRESS 004 3.45V/13.76psi
Report to MCC when complete

[C] A15 OPCU 1,2 CONV (two) - OFF
R1 MN BUS TIE B - OFF (tb-OFF)
C - OFF (tb-OFF)

[D] IMU 3 BITE MASK Removal:
SPEC 21
ITEM 26
EXEC

13:00 — 16:00

< SEP-1 TIG (15:55)

Page 7

STS-124 FD12

REPLANNED

GMT Date 06/11 (163) | W E Z | D/N | ORB | MET Day 010 | STS ATI

MS2 AGENT | MS3 GIG 'EM | MS4 SARU-SAN 猿サン | MS5 POOH BEAR | Notes

12:00 / 13:00 / 14:00 / 15:00 / 16:00

10:00 / 11:00 / 12:00 / 13:00

166 / 167 / 168 / 169

BIAS-XLV-ZVV

UNDOCK

FLYAROUND/SEP

MS2 AGENT

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

UNDOCKING AND SEPARATION (RNDZ, UNDOCK/SEP T/L)

UNDOCKING(10/14:40)

SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)

MS3 GIG 'EM

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

P/TV03 UNDOCK (PHOTO/TV, SCENES) Perform SETUP

P/TV03 UNDOCK (PHOTO/TV, SCENES) Perform OPS

MS4 SARU-SAN 猿サン

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

C/L CAMR INSTALL (PHOTO/TV, C/L CAMR) Perform Step 1 Only (Locker: ML60B)

UNDOCKING AND SEPARATION (RNDZ, UNDOCK/SEP T/L)

SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)

MS5 POOH BEAR

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

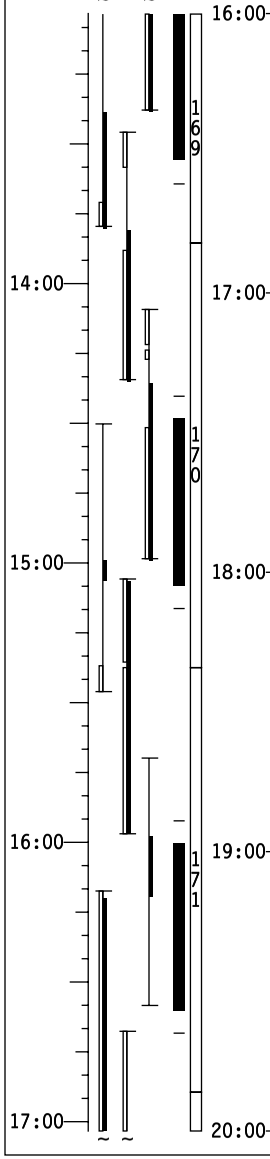
UNDOCKING AND SEPARATION (RNDZ, UNDOCK/SEP T/L)

SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)

STS-124 FD12

REPLANNED

GMT Date 06/11 (163) | W | TDRSE | Z | D/N | ORB | MET Day 010 | STS ATT



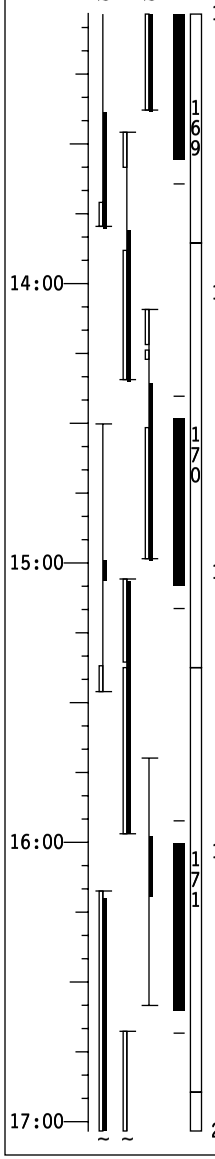
MET	CDR GREEN EGGS	PLT AND SPAM	MS1 SPECIAL K	Notes
16:00	SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	
	< SEP-2 TIG (16:23)			
	PRIORITY PWRDN GRP B(ORB PKT,PRI PWNDN) Steps 5,6,9,10,12(In Step 6,Single G2) (In Step 12, IMU 3 STBY - ITEM 23 EXEC)	PRIORITY PWRDN GRP B(ORB PKT,PRI PWNDN) Steps 5,6,9,10,12(In Step 6,Single G2) (In Step 12, IMU 3 STBY - ITEM 23 EXEC)		UPLINK β21 + Mask UPLINK TFL 188
	RCS REG RCNFG (ORB OPS, RCS)	SSP1 OIU PWR - OFF (tb-bp) E		
	I'CNCT: R OMS TO RCS (OPCL, RCS)	OBSS MNVR TO FLAT FIELD (PDRS, UNDOCKED OPS) Delay L10(VTR) steps at end of OBSS MNVR TO FLAT FIELD until start of OBSS LDRI/IDC RCC SURVEY - STBD	OBSS MNVR TO FLAT FIELD (PDRS, UNDOCKED OPS) Delay L10(VTR) steps at end of OBSS MNVR TO FLAT FIELD until start of OBSS LDRI/IDC RCC SURVEY - STBD	
	SPLY H2O DUMP USING FES(ORB OPS, ECLS) Step 1 using FES Pri A			
17:00	R1 MN BUS TIE B - ON (tb-ON) C - ON (tb-ON)			
	MEAL	MEAL	MEAL	
18:00	MNVR (TRK) BIAS +YSI (STBD Survey) TG=4 BV=5 P=0 Y=45 OM=275 A14/AUTO/VERN On MCC GO, Init TRK	OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS NOM OPS) Ref. MSG 102, Item 3	OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS NOM OPS) Ref. MSG 102, Item 3	
19:00				
20:00	MNVR (TRK) BIAS +XSI (NOSE CAP Survey) TG=4 BV=5 P=330 Y=0 OM=300 A14/AUTO/VERN On MCC GO, Init TRK		OBSS LDRI/IDC RCC SURVEY - NOSE CAP (PDRS, OBSS NOM OPS)	

E Expect S62 BCE BYP PSP 1 SSV OUTRATE -4

STS-124 FD12

REPLANNED

GMT Date 06/11 (163) | W | TDRSE | Z | D/N | ORB | MET Day 010 | STS ATI



MET	STS ATI	MS2 AGENT	MS3 GIG 'EM	MS4 SARU-SAN 猿サン	MS5 POOH BEAR	Notes
16:00		SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	P/TV03 UNDOCK (PHOTO/TV, SCENES) Perform OPS	SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	
		POST UNDK PGSC CONFIG Configure PGSCs per EVA/RMS usage chart and MSG 104 WLES PRIME: STS7 (WLES) WLES BACKUP: STS5 (RPOP)	POST UNDK PGSC CONFIG Configure PGSCs per EVA/RMS usage chart and MSG 104 WLES PRIME: STS7 (WLES) WLES BACKUP: STS5 (RPOP)	P/TV03 UNDOCK (DEACT) (PHOTO/TV, SCENES) Step 2		
				PLAYBACK (DIGITAL) (PHOTO/TV, CUE CARD) UNDOCK KU TDRE (16:51-17:18)		
17:00	-ZLV -XVV	MEAL	MEAL	MEAL	MEAL	
18:00			OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS NOM OPS) Ref. MSG 102, Item 3			
19:00	BIAS +YSI	EXERCISE			EXERCISE	
20:00		OBSS LDRI/IDC RCC SRVY-NOSE CAP (PDRS, OBSS NOM OPS)	OBSS LDRI/IDC RCC SRVY-NOSE CAP (PDRS, OBSS NOM OPS)			

STS-124 FD12

REPLANNED

GMT Date 06/11 (163) | W | TDRSE | Z | D/N | ORB | MET Day 010 | STS ATT

CDR GREEN EGGS	PLT AND SPAM	MS1 SPECIAL K	Notes
MNVR (TRK) BIAS +XSI (NOSE CAP Survey) TG=4 BV=5 P=330 Y=0 OM=300 A14/AUTO/VERN On MCC GO, Init TRK		OBSS LDRI/IDC RCC SURVEY - NOSE CAP (PDRS, OBSS NOM OPS)	
HTR RECONFIG-CFG B(ORB OPS, EPS) CABIN TEMP CONT RECNFG 2(1)(ORB OPS, ECLS) SPLY H2O DUMP USING FES(ORB OPS, ECLS) Step 2. FES Pri A req'd	OBSS LDRI/IDC RCC SURVEY - PORT (PDRS, OBSS NOM OPS) Do Not Berth OBSS PARAM-PORT TEMP JOINT-CRIT TEMP	JOINT OPS: 6.106 SSOR DEACT	
MNVR (TRK) BIAS -YSI (PORT Survey) TG=4 BV=5 P=0 Y=323 OM=355 A14/AUTO/VERN On MCC GO, Init TRK			
EXERCISE		EXERCISE	
SHUTTLE CONDENSATE COLLECTION (ORB OPS, ECLS) Perform TEARDOWN Temp stow s/n 5050 for dumping on FD14			
POST ISS EVA ENTRY PREP (EVA, POST EVA ENTRY PREP)	EXERCISE	FC MONITORING SYS (FCMS) OPS (ORB OPS, EPS)	
MNVR (TRK) -ZLV -XVV TG=2 BV=3 OM=0 A1/AUTO/VERN Init TRK			
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	

Time scale: 18:00, 19:00, 20:00, 21:00 — 20:00, 21:00, 22:00, 23:00, 00:00

Orbits: 172, 173, 174

STS-124 FD12

REPLANNED

GMT Date 06/11 (163) | W | TDRSE | Z | D/N | ORB | MET Day 010 | STS ATI | MS2 AGENT | MS3 GIG 'EM | MS4 SARU-SAN 猿サン | MS5 POOH BEAR | Notes

Time scale: 18:00, 19:00, 20:00, 21:00

Orbit: 172, 173, 174

STS ATI: BIAS +XSI; BIAS -YSI

MS2 AGENT

OBSS LDRI/IDC RCC SRVY-NOSE CAP
(PDRS, OBSS NOM OPS)

OBSS LDRI/IDC RCC SURVEY - PORT
(PDRS, OBSS NOM OPS)
Do Not Berth OBSS
PARAM-PORT TEMP
JOINT-CRIT TEMP

POST ISS EVA ENTRY PREP
(EVA, POST EVA ENTRY PREP)

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

MS3 GIG 'EM

OBSS LDRI/IDC RCC SRVY-NOSE CAP
(PDRS, OBSS NOM OPS)

OBSS LDRI/IDC RCC SURVEY - PORT
(PDRS, OBSS NOM OPS)
Do Not Berth OBSS
PARAM-PORT TEMP
JOINT-CRIT TEMP

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

EXERCISE

MS4 SARU-SAN 猿サン

EXERCISE

PLAYBACK (DIGITAL) (PHOTO/TV, CUE CARD)
LDRI SURVEYS
KU TDRW (22:26-23:17)
KU TDRE (23:18-23:45)

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

MS5 POOH BEAR

EXERCISE

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

STS-124 FD12

REPLANNED

GMT Date 06/11 (163) | W | T D R S E | Z | D/N | O R B | MET Day 011 | STS ATT

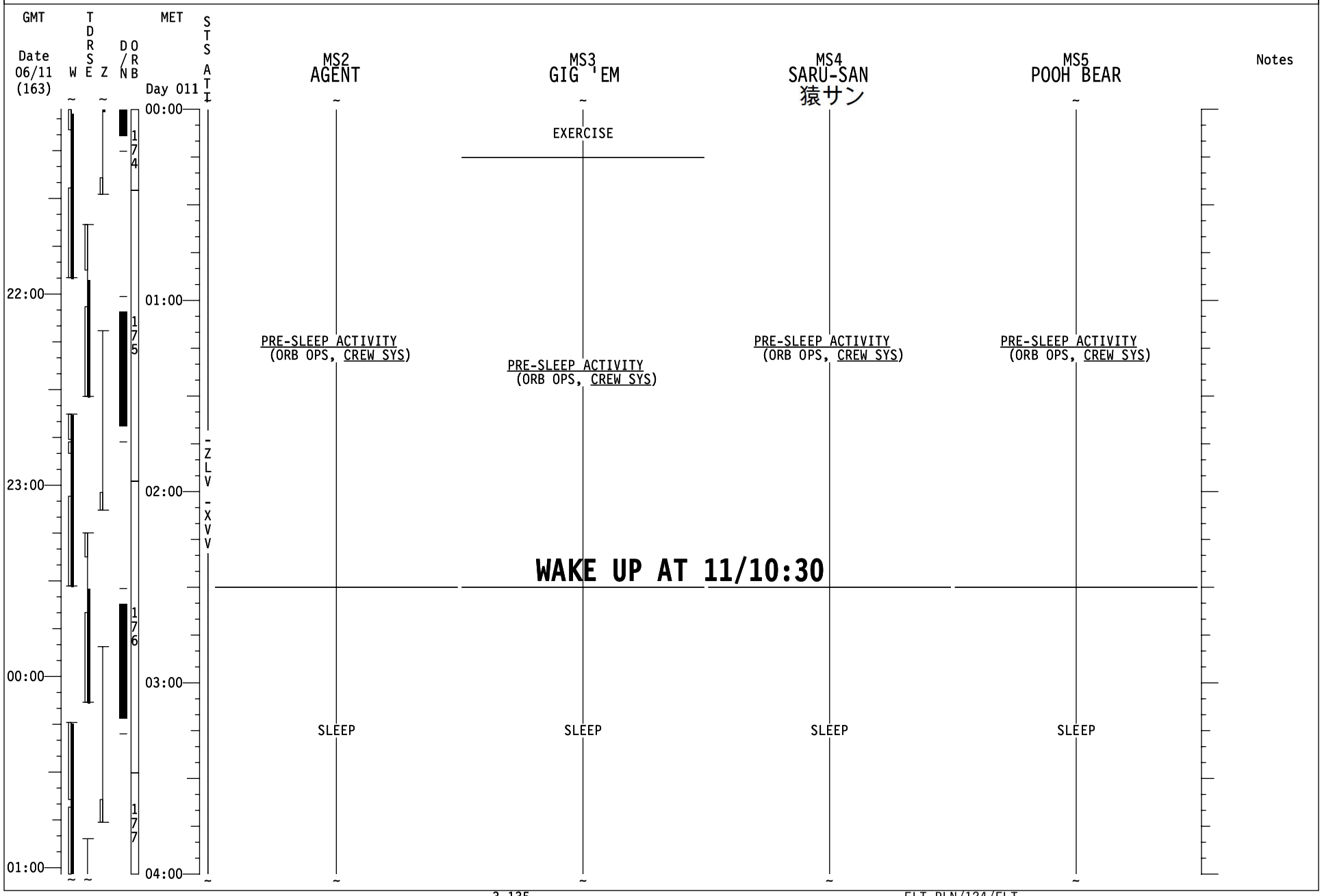
174 175 176 177

-ZLV -XVV

CDR GREEN EGGS	PLT AND SPAM	MS1 SPECIAL K	Notes
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)			
PMC: NETMEETING VID CONF (ORB OPS, PGSC) Omit VLHS item in Step 1, Omit Step 3 Use A/G2 for audio & WINDECOM PGSC	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)			
WAKE UP AT 11/10:30			
SLEEP	SLEEP	SLEEP	

STS-124 FD12

REPLANNED



MSG 103 - FD12 MISSION SUMMARY

Good Morning Discovery!!!

STS 124

!!!

MSG 103 - FD12 MISSION SUMMARY

DELTA V AVAILABLE:

OMS	312 FPS
ARCS (TOTAL ABOVE QTY1)	37 FPS
TOTAL IN THE AFT	349 FPS
ARCS (TOTAL ABOVE QTY2)	71 FPS
FRCS (ABOVE QTY 1)	18 FPS
AFT QTY 1	77 %
AFT QTY 2	39 %

THERE ARE NO FAILURE/IMPACT/WORK AROUNDS FOR TODAY.

END OF PAGE 2 OF 2, MSG 103

ACTIVATE WLES ON STS5 (RPOP)

STS5 (RPOP)

1. SETUP BACKUP WLES LAPTOP

√Laptop Receiver Unit secured to A31p with Velcro
Connect Laptop Receiver Unit to A31p serial port using thumbscrews
Verify line of sight between Laptop Receiver Unit and both CRUs
Verify 5-in minimum distance between Laptop Receiver Unit and both CRUs

2. LAUNCH WLES SOFTWARE

Double click the time in system tray (lower-right corner)
'Date and Time Properties'
'Time Zone'
Time zone – (GMT) Greenwich Mean Time
Click 'OK'

Double click 'Shuttle Apps'>'WLES'>'WLES'

'Backup Mode Selection'
Select 'Secondary'

STS7 (WLES)

3. CONFIGURE STS7 TO PRIMARY

'Enhanced Wideband MicroTAU – WLEFlight 3.0'
Click 'System Settings' (left side of display)

'Backup Mode Selection'
Click 'Primary'
Click 'Unit List' (left side of display)

4. REPORT WLES STATUS

Notify MCC-H: "WLES reconfig complete"

END OF PAGE 1 OF 1, MSG 104