STS-123 / 1J / A

FD 16 Execute Package

MSG	Page(s)	Title
143B	1 - 14	FD16 Flight Plan Revision **(pdf)**
144	15	FD16 Mission Summary **(pdf)**
148	16 - 17	Entry Day Fluid-Loading and Anti-G Suit Ops **(pdf)**
145	---	FD15 MMT Summary **(pdf - Electronic Only)**
146B	---	FD16 ESA PAO Event-France **(pdf - Electronic Only)**
147A	---	FD16 PAO Event-CNN, AP, KTVI-TV ST. Louis **(pdf - Electronic Only)**

Approved by FAO: *Telisha M. Harris*

Last Updated: Mar 25 2008 1:32PM GMT
JEDI *(**J**oint **E**xecute package **D**evelopment and **I**ntegration), v2.04.0003*

MSG INDEX

MSG NO.	TITLE
143	FD16 Flight Plan Revision
144	FD16 Mission Summary
145	FD15 MMT Summary
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148	Entry Day Fluid-Loading and Anti-G Suit Ops

1. Foam Stowage in External Airlock

   Please stow the green mesh bag of foam transferred from ISS in the External Airlock in the same manner that you stow laundry in the External Airlock.

2. Outlook

   Prior to KU Stow this afternoon, we will downlink your Outlook Personal Folders so that you may have them when you return to Houston. Please move any messages that you would like to keep out of your INBOX, SENT ITEMS and WORK RELATED folders and into your Personal Folder before **MET 14/18:00**. We will also perform one final mail sync at the same time to deliver any last minute messages you want to send. We will not lock you out of your e-mail during this time so that you can still read it after KU stow.

3. REPLACE PAGES 2-56 THROUGH 2-58 AND PAGES 3-174 THROUGH 3-183.

03/25/08 07:49:31 **REPLANNED**

GMT 03/25/08 (085) 07 08 09 10 11 12 13 14 15 16 17 18

MET β=53 Day 014 014/00 01 02 03 04 05 06 07 08 09 10 11 12

STS-123	FD15		FD16		
CDR GORIE	PRE SLEEP	SLEEP	POST SLEEP	OA^ OA BURN	-ZLV -XVV IMU
PLT JOHNSON	PRE SLEEP*	SLEEP	SLEEP POST SLEEP	W/B* OA BURN	POST SLEEP
MS1 BEHNKEN	PRE SLEEP	SLEEP	SALOG DRY POST SLEEP DRY POST SLEEP		CABIN STOW
MS2 FOREMAN	PRE SLEEP	SLEEP	SALOG DRY POST SLEEP DRY POST SLEEP		FLTR CLEAN
MS3 DOI	PRE SLEEP	SLEEP	POST SLEEP		MRLN EXER CISE
MS4 LINNEHAN	PRE SLEEP	SLEEP	POST SLEEP		BLOOD SETUP DRACULA
MS5 EYHARTS	PRE SLEEP	SLEEP	DRY SLVA POST SLEEP DRY POST SLEEP		BLOOD DRAW SUBJ

STS									
DAY/NIGHT									
ORBIT	222	223	224	225	226	227	228	229	230
GND		-DFR ·MLA	—WSS —DFR —MLA	—WSS —DFR ·MLA	—DFR				
TDRS W -171 E -46 Z -275									
ORB ATT	-ZLV -XVV							OA	

*HUM SEP CHECK *HEATER ACT

NOTES

03/25/08 07:49:31 **REPLANNED**

GMT 03/25/08 (085) 19 20 21 22 23 03/26 01 02 03 04 05 06

MET β=53 Day 014 12 13 14 15 16 17 18 19 20 21 22 23 015/00

FD16

STS-123

Crew	Activities
CDR GORIE	FCS C/O; RCS HF; PILOT OPS; CABIN STOW; EXERCISE; MEAL; L-1 COMM CHK; PAO EVENT; CABIN STOW; L-1 COMM CHK; KU STW; D/O BRIEF; COMM 2; MADS^; ENTRY #; PRE SLEEP; PMC A/G; *PRE SLEEP
PLT JOHNSON	FCS C/O; RCS HF; PILOT OPS; EXERCISE; FLUID LOADING PREP; MEAL; PAO EVENT; CABIN STOW; FES-I; CABIN STOW; FES-T; D/O BRIEF; FUT; MNVR; OMS*; PRE SLEEP
MS1 BEHNKEN	BLOOD; DRAW; SUBJ; CABIN STOW; EXERCISE; DRY; CABIN STOW; PAO; SETUP; MEAL; PAO; SETUP; PAO EVENT; CABIN STOW; DRY; CABIN STOW; WLEAS; DECT; PGSC STOW PART I; D/O BRIEF; PRE SLEEP; DRY; PRE SLEEP
MS2 FOREMAN	FCS C/O; RCS HF; PILOT OPS; BLOOD; DRAW; SUBJ; DRY; CABIN STOW; EXERCISE; MEAL; PAO EVENT; ENTRY; VIDEO; STOW; DRY; ERG STOW; CABIN STOW; KU STW; D/O BRIEF; PRE SLEEP; DRY; PRE SLEEP
MS3 DOI	EXERCISE; CABIN STOW; MEAL; CABIN STOW; PAO EVENT; CABIN STOW; RCMBNT SEAT S/U; CABIN STOW; D/O BRIEF; PRE SLEEP
MS4 LINNEHAN	DRAC; CABIN STOW; EXERCISE; ULA; STOW; CABIN STOW; MEAL; CABIN STOW; PAO EVENT; CABIN STOW; RCMBNT SEAT S/U; LAUNCH ENTRY SUIT CK; D/O BRIEF; PRE SLEEP
MS5 EYHARTS	EXERCISE; CABIN STOW; DRY; CABIN STOW; ESA PAO; MEAL; PAO EVENT; CABIN STOW; DRY; CABIN STOW; CABIN STOW; LAUNCH ENTRY SUIT CK; D/O BRIEF; MRLN; PRE SLEEP; DRY; PRE SLEEP

STS

DAY/NIGHT

ORBIT 230 231 232 233 234 235 236 237 238

GND: —MLA; —WSS -DFR —MLA; —WSS —DFR; -WSS —DFR; —DFR

TDRS W -171 E -46 Z -275

ORB ATT -ZLV -XVV

NOTES

^PWR ON
#COOLING CNFG
*HTR RCNFG

*LEB TOWEL CHECK

GMT 03/26/08 (086) | MET β=52 Day 015

015/00 07 08 09 10 11 12 13 14 15 16 17 18 01 02 03 04 05 06 07 08 09 10 11 12

STS-123

	FD16	FD17
CDR GORIE	*PRE SLEEP; ^ MNVR TO -ZLV -YVV; SLEEP	POST SLEEP; PMC A/G; POST SLEEP; GRP B; PWR UP; IMU ALIGN & VERIF; TRK; -XSI; D/O PREP
PLT JOHNSON	PRE SLEEP; SLEEP	SLEEP; POST SLEEP; DOFF*; GRP B; PWR UP; POST SLEEP; OCAC; STOW; D/O PREP
MS1 BEHNKEN	PRE SLEEP; SLEEP	SLEEP; POST SLEEP; SALSTW; DOFF*; PGSC^; D/O PREP
MS2 FOREMAN	PRE SLEEP; SLEEP	SLEEP; POST SLEEP; MADS^; DOFF*; GIRA; STOW; D/O PREP
MS3 DOI	PRE SLEEP; SLEEP	POST SLEEP; D/O PREP
MS4 LINNEHAN	PRE SLEEP; SLEEP	POST SLEEP; SAMPL; D/O PREP
MS5 EYHARTS	PRE SLEEP; SLEEP	POST SLEEP; PMC A/G; POST SLEEP; TEPC; PWR DN; MRLN; D/O PREP

STS

DAY/NIGHT	
ORBIT	238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246
GND	239: -DFR -MLA; 240: —WSS —DFR —MLA; 241: —WSS —DFR; 242: -DFR
TDRS W -171	
TDRS E -46	
TDRS Z -275	
ORB ATT	-ZLV -YVV; IMU; -XSI

NOTES

*LEB TOWEL CHECK

*ACTIWATCH ^STOW PART II *ACTIWATCH ^ENABLE *ACTIWATCH

STS-123 (FD16)

GMT Date 03/25 (085) | W | TDRSE | Z | DORB | ORB | MET Day 014 | STS ATT | CDR GORIE | PLT JOHNSON | MS3 DOI | MCC | NOTES

08:00 | 15:00 | 16:00 | 17:00 | 18:00 | 09:00 | 10:00 | 11:00 | 12:00

14 | 227 | 15 | 228 | 1 | 229 | 2 | 230

-ZLV -XVV | OA

SLEEP | SLEEP | SLEEP

FLIGHT SLEEP LOG (ORB OPS, SDBI)

FD16 EZ ACTIVITES
Check TEPC Status
Hard Reboot PGSCs
(Except KFX & RPOP2)

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) | POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) | POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

W/B STEAM VENT HTR ACT A

ON-ORBIT +X RCS BURN (ORB OPS, RCS) | ON-ORBIT +X RCS BURN (ORB OPS, RCS)

A R2 √BLR CNTLR/HTR(three) -B
PWR (three) -ON

UPDATE ORBITAL MNVR PAD

< OA TIG (11:25)

MNVR (TRK) -ZLV -XVV
TG=2 BV=3 OM=0
A/AUTO/VERN Init TRK

ASSY OPS: MERLIN STATUS CK (CC)

IMU STAR OF OPPTY ALIGN (ORB OPS) | POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) | EXERCISE

STS-123 (FD16)

GMT Date 03/25 (085) | W | T D R S E | Z | D O R B | O R B | MET Day 014 | STS ATT

08:00 — 09:00 — 10:00 — 11:00 — 12:00 — 15:00 — 16:00 — 17:00 — 18:00

ZLV-XVV

OA

DORB 14 / 15 / 1 / 2 — ORB 227 / 228 / 229 / 230

MS1 BEHNKEN	MS2 FOREMAN	MS4 LINNEHAN	MS5 EYHARTS	NOTES
SLEEP	SLEEP	SLEEP	SLEEP	
LIQ SALIVA & LOG (ORB OPS,SDBI) DRY SALIVA CLCT(ORB OPS, SDBI)	LIQ SALIVA & LOG (ORB OPS,SDBI) DRY SALIVA CLCT(ORB OPS, SDBI)		DRY SALIVA CLCT(ORB OPS, SDBI) LIQUID SLVA SAMPLE(ORB OPS,SDBI)	
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)		POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
DRY SALIVA CLCT(ORB OPS, SDBI)	DRY SALIVA CLCT(ORB OPS, SDBI)		DRY SALIVA CLCT(ORB OPS, SDBI)	
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
	FILTER CLEANING (IFM, SCHEDULED MAINTENANCE)	SDBI 1900, INTGRT IMN BLD CLCT (ORB OPS, SDBI) Perform SETUP FOR BLOOD SAMPLE CLCT		
CABIN CONFIG/STOW		SDBI 1900, INTGRT IMN BLD CLCT (ORB OPS, SDBI) Perform BLOOD SAMPLE CLCT(OPR)	SDBI 1900, INTGRT IMN BLD CLCT (ORB OPS, SDBI) Perform BLOOD SAMPLE CLCT(SUBJ)	

STS-123 (FD16)

GMT Date 03/25 (085) | W | TDRSE | Z | DORB | ORB | MET Day 014 | STS ATT | CDR GORIE | PLT JOHNSON | MS3 DOI | MCC | NOTES

19:00 | 20:00 | 21:00 | 22:00

12:00 | 13:00 | 14:00 | 15:00 | 16:00

2 | 3 | 4 | 5

230 | 231 | 232

-ZLV-XVV

CDR GORIE

FCS CHECKOUT
(ORB OPS, GNC)
Ref. MSG 007 and 141

RCS HOT FIRE TEST
(ORB OPS, RCS)

PILOT WITH RHC
(ORB OPS, PGSC)

CABIN CONFIG/STOW

EXERCISE

PLT JOHNSON

FCS CHECKOUT
(ORB OPS, GNC)
Ref. MSG 007 and 141

RCS HOT FIRE TEST
(ORB OPS, RCS)

PILOT WITH RHC
(ORB OPS, PGSC)

EXERCISE

FLUID LOADING PREP
Ref. MSG 148

MS3 DOI

EXERCISE

CABIN CONFIG/STOW

MEAL

FD16 CABIN STOW ACTIVITES
- Remove loose items stored in A/L
- Perform SEAT INSTALLATION
- Perform
  ENTRY STOWAGE (FLTS W/RETN NET)
  (REF DATA, ENT STOW)

STS-123 (FD16)

GMT Date 03/25 (085) | W | TDRS E | TDRS Z | DORB 2 3 4 5 | ORB 230 231 232 | MET Day 014 | STS ATT -ZLV -XVV

MET	MS1 BEHNKEN	MS2 FOREMAN	MS4 LINNEHAN	MS5 EYHARTS	NOTES
12:00	SDBI 1900, INTGRT IMN BLD CLCT (ORB OPS, SDBI) Perform BLOOD SAMPLE CLCT(SUBJ)	FCS CHECKOUT (ORB OPS, GNC) Ref. MSG 007 and 141	SDBI 1900, INTGRT IMN BLD CLCT (ORB OPS, SDBI) Perform BLOOD SAMPLE CLCT(OPR)		
19:00	CABIN CONFIG/STOW		CABIN CONFIG/STOW	EXERCISE	
20:00		RCS HOT FIRE TEST (ORB OPS, RCS)			
		PILOT WITH RHC (ORB OPS, PGSC)			
14:00			EXERCISE		
21:00	EXERCISE			CABIN CONFIG/STOW	
		SDBI 1900, INTGRT IMN BLD CLCT (ORB OPS, SDBI) Perform BLOOD SAMPLE CLCT(SUBJ)	SDBI 1900, INTGRT IMN BLD CLCT (ORB OPS, SDBI) Perform BLOOD SAMPLE CLCT(OPR)		
15:00	DRY SALIVA CLCT(ORB OPS, SDBI)	DRY SALIVA CLCT(ORB OPS, SDBI)	SDBI 1900, INTGRT IMN BLD CLCT (ORB OPS, SDBI) STOW HARDWARE	DRY SALIVA CLCT(ORB OPS, SDBI)	
22:00	CABIN CONFIG/STOW	CABIN CONFIG/STOW	CABIN CONFIG/STOW	CABIN CONFIG/STOW	
	ANALOG PAO CC (PHOTO/TV, SONY PD100)	EXERCISE	MEAL		
16:00					

FD16 CABIN STOW ACTIVITES
- Remove loose items stored in A/L
- Perform SEAT INSTALLATION
- Perform ENTRY STOWAGE (FLTS W/RETN NET) (REF DATA, ENT STOW)

STS-123 (FD16)

GMT Date 03/25 (085) | W | TDRSE | Z | DORB | ORB | MET Day 014 | STS ATT | CDR GORIE | PLT JOHNSON | MS3 DOI | MCC | NOTES

16:00 — EXERCISE

FLUID LOADING PREP
Ref. MSG 148

MEAL

23:00 — MEAL

17:00 — MEAL

CABIN CONFIG/STOW

LANDING-1 COMM C/O
(ORB OPS, COMM/INST)
MLA AOS: 17:31 LOS: 17:40

00:00 — PUBLIC AFFAIRS EVENT
KU TDRE: 17:38-18:06
Ref. MSG 147

PUBLIC AFFAIRS EVENT
KU TDRE: 17:38-18:06
Ref. MSG 147

PUBLIC AFFAIRS EVENT
KU TDRE: 17:38-18:06
Ref. MSG 147

18:00 — CABIN CONFIG/STOW

CABIN CONFIG/STOW

01:00 — SPLY H2O DUMP USING FES (ORB OPS, ECLS)
Perform Step 1 using FES PRI B

19:00 — CABIN CONFIG/STOW

RECUMBENT SEAT KIT ATTACH
(ORB OPS, RSK ATTACHMENT)

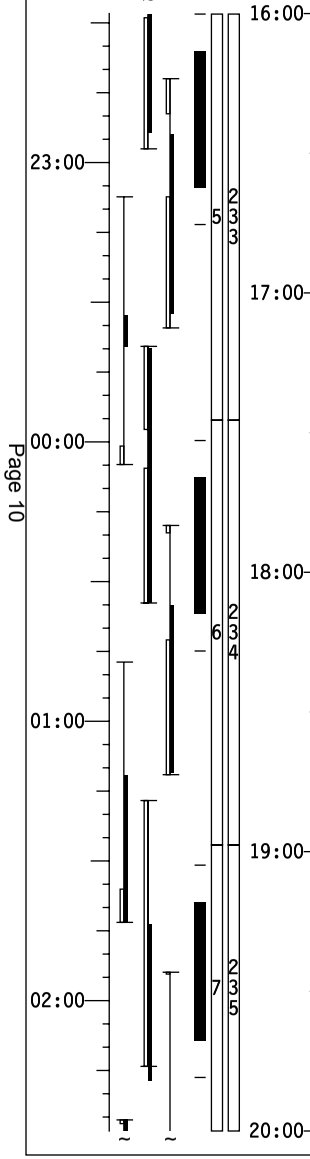
02:00 — CABIN CONFIG/STOW

20:00

Page 9

STS-123 (FD16)

GMT Date 03/25 (085) | W | TDRSE | Z | DORB | ORB | MET Day 014 | STS ATT



MET	MS1 BEHNKEN	MS2 FOREMAN	MS4 LINNEHAN	MS5 EYHARTS	NOTES
16:00	ANALOG PAO CC (PHOTO/TV, SONY PD100)			CABIN CONFIG/STOW	
		EXERCISE	MEAL	PUBLIC AFFAIRS EVENT KU TDRE: 16:01-16:28 Ref. MSG 146	
17:00	MEAL	MEAL	CABIN CONFIG/STOW	MEAL	
	ANALOG PAO CC (PHOTO/TV, SONY PD100)				
18:00	PUBLIC AFFAIRS EVENT KU TDRE: 17:38-18:06 Ref. MSG 147	PUBLIC AFFAIRS EVENT KU TDRE: 17:38-18:06 Ref. MSG 147	PUBLIC AFFAIRS EVENT KU TDRE: 17:38-18:06 Ref. MSG 147	PUBLIC AFFAIRS EVENT KU TDRE: 17:38-18:06 Ref. MSG 147	
	CABIN CONFIG/STOW	ENTRY VIDEO SETUP (P/TV FS, REF PROC)		CABIN CONFIG/STOW	
	DRY SALIVA CLCT(ORB OPS, SDBI)	DRY SALIVA CLCT(ORB OPS, SDBI)	CABIN CONFIG/STOW	DRY SALIVA CLCT(ORB OPS, SDBI)	
		CYCLE ERGOMETER OPS (ORB OPS, CREW SYS) Perform RECONFIG/STOW		CABIN CONFIG/STOW	
19:00	CABIN CONFIG/STOW		RECUMBENT SEAT KIT ATTACH (ORB OPS, RSK ATTACHMENT)		
20:00		CABIN CONFIG/STOW		CABIN CONFIG/STOW	

STS-123 (FD16)

GMT Date 03/26 (086) | W | TDRSE | Z | DORB | ORB | MET Day 014 | STS ATT

CDR GORIE | PLT JOHNSON | MS3 DOI | MCC | NOTES

20:00

CABIN CONFIG/STOW

CABIN CONFIG/STOW

CABIN CONFIG/STOW

03:00

LANDING-1 COMM C/O
(ORB OPS, COMM/INST)
DFR AOS: 20:36 LOS: 20:45

KU-BD ANT STW (ORB OPS, COMM/INST)
Deactivate CCTV

SPLY H2O DUMP USING FES (ORB OPS, ECLS)
On MCC GO: Perform Step 2, FES PRI B is req'd

21:00

DEORBIT PREP BRIEFING

DEORBIT PREP BRIEFING

DEORBIT PREP BRIEFING

04:00

COMM STRING 1 C/O (PART B)
(ORB OPS, COMM/INST)

C3 MASTER MADS POWER - ON
A6L MADS STRAIN GAGE - ON

ENTRY COOLING CONFIG [C]

FUTURE LOAD MNVR -ZLV -YVV
TG=2 BV=3 OM=90
A/AUTO/VERN (15/00:35) Init TRK

RCS/OMS HEATER RECONFIG [B]

[B] A14 RCS/OMS HTR L POD B - OFF
A - AUTO
R POD B - OFF
A - AUTO

[C] ENTRY COOLING CONFIG
R12 √VPU PWR - OFF(LED-off)
Minimize use of P/TV equipment
Dim cabin lighting to 25%

-ZLV -XVV

22:00

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

05:00

06 √UHF MODE - OFF
PRIVATE MEDICAL CONFERENCE
Perform via A/G 2

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

23:00

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

*Perform LEB TOWEL CHECK.
Change out if req'd.
Report status to MCC

06:00

00:00

STS-123 (FD16)

GMT Date 03/26 (086) | W | TDRSE | Z | DORB | ORB | MET Day 014 | STS ATT

MS1 BEHNKEN | MS2 FOREMAN | MS4 LINNEHAN | MS5 EYHARTS | NOTES

20:00

CABIN CONFIG/STOW

WLES DEACTIVATION & TEARDOWN (ORB OPS, WLE SENSORS)

CABIN CONFIG/STOW

LAUNCH ENTRY SUIT CHECK Verify Fit

LAUNCH ENTRY SUIT CHECK Verify Fit

03:00

PGSC DEACT COLOR PRINTER STOW (ORB OPS, PGSC) Stow everything but WINDECOM post KU-Stow.

KU-BD ANT STW (ORB OPS, COMM/INSI) Deactivate CCTV

21:00

DEORBIT PREP BRIEFING | DEORBIT PREP BRIEFING | DEORBIT PREP BRIEFING | DEORBIT PREP BRIEFING

04:00

ASSY OPS: MERLIN STATUS CK (CC)

-ZLV-XVV

22:00

PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) | PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) | PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

05:00

PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

23:00

DRY SALIVA CLCT(ORB OPS, SDBI) | DRY SALIVA CLCT(ORB OPS, SDBI) | DRY SALIVA CLCT(ORB OPS, SDBI)

06:00

PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) | PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) | PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

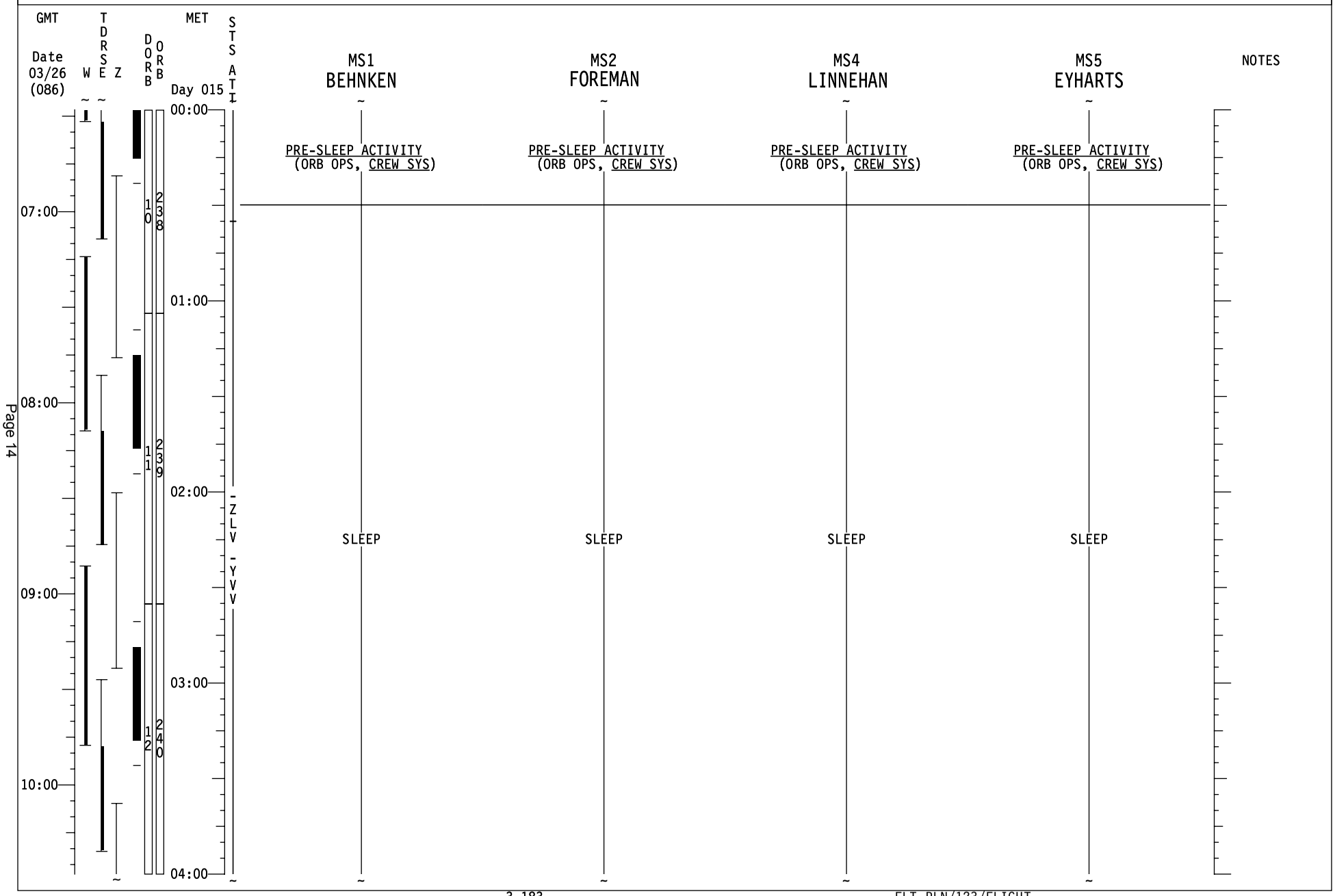
00:00

STS-123 (FD16)

GMT Date 03/26 (086) | W | TDRS E | Z | DORB 10 | DORB 11 | DORB 12 | ORB 238 | ORB 239 | ORB 240 | MET Day 015 | STS ATT

MET	STS ATT	CDR GORIE	PLT JOHNSON	MS3 DOI	MCC	NOTES
00:00		PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) *Perform LEB TOWEL CHECK. Change out if req'd. Report status to MCC	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)		
07:00	< MNVR -ZLV -YVV (FUT LOAD)					
01:00						
08:00						
02:00	-ZLV -YVV	SLEEP	SLEEP	SLEEP		
09:00						
03:00						
10:00						
04:00						

STS-123 (FD16)


GMT
Date 03/26 (086)
W
TDRSE
Z
DORB
ORB
MET
Day 015
STS ATT
MS1 BEHNKEN
MS2 FOREMAN
MS4 LINNEHAN
MS5 EYHARTS
NOTES
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
SLEEP
-ZLV
-YVV
10
11
12
238
239
240
07:00
08:00
09:00
10:00
00:00
01:00
02:00
03:00
04:00

Federal authorities may be there at EOM to question you about some alleged "crimes against fashion" committed during the Farewell Ceremony. Nothing to get too excited about, just answer their questions (but you might consider burying those shirts DEEP in the return laundry bin).

We've got FCS checkout, a little PILOT practice, packing, packing, packing, and if you run across Rick and his hypodermic kit today, there will be blood...

YOUR CURRENT ORBIT IS: 186 X 181 NM

NOTAMS:
EDW – LAKEBED RUNWAY 15/33 ELS ONLY. OTHER LAKEBED RWYS RED.
NOR – LAKEBED RUNWAYS GREEN.
HAW – RWY 31 CLOSED. RWY 13 TODA 8,994'.
WAK – CLOSED. NOT USABLE.
IKF – NO AGREEMENT. NOT USABLE.
BEN – POLITICALLY NOT RECOMMENDED/NOT SUPPORTED.
ZZA – FIRST 600M (~2,000') OF RWY 30L NOT AVAILABLE. 10,200' REMAINING.
GUA – RWY 06L/24R NOT USABLE – CONSTRUCTION.

NEXT 2 PLS OPPORTUNITIES:
EDW22 ORB 235 – 14/19:49 (SCT 250 240/15P23)
NOR17 ORB 250 – 15/18:39 (SCT 250 210/14P22)

OMS TANK FAIL CAPABILITY:
L OMS FAIL: NO R OMS FAIL: NO

LEAKING OMS PRPLT BURN:
L OMS LEAK: ALWAYS BURN RETROGRADE
R OMS LEAK: ALWAYS BURN RETROGRADE

OMS QUANTITIES(%)
L OMS OX = 32.4 R OMS OX = 32.2
FU = 31.9 FU = 32.0

DELTA V AVAILABLE:

OMS	338 FPS
ARCS (TOTAL ABOVE QTY 1)	32 FPS
TOTAL IN THE AFT	370 FPS
ARCS (TOTAL ABOVE QTY 2)	65 FPS
FRCS (ABOVE QTY 1)	0 FPS
AFT QTY 1	66 %
AFT QTY 2	28 %

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

END OF PAGE 1 OF 1, MSG 144

Fluid loading water for one Entry opportunity should be pulled today. Fluid loading for a one orbit waveoff is not required to be pulled until waveoff is declared. Pulling water for fluid loading on EOM-1 will help maximize Supply Water quantities to support maximal deorbit landing opportunities.

Fluid Loading:

The following is the prescription for fluid loading on entry day:

Initiate fluid loading at 1 hour before TIG. Consume 8 ounces of water or artificially sweetened (A/S) drink with two salt tablets, or 8 ounces of Chicken Consommé every 15 minutes. Fluid loading must be completed by Entry Interface (EI).

CREWMEMBER	FLUID	TOTAL # OF SALT TABLETS
CDR (Gorie)	16 oz - Water 24 oz - Chicken Consommé	4
PLT (Johnson)	24 oz - Water 24 oz - Chicken Consommé	6
MS1 (Behnken)	24 oz - Chicken Consommé 24 oz - Orange Ade	0
MS2 (Foreman)	24 oz - Water 24 oz - Chicken Consommé	6
MS3 (Doi)	32 oz - Water	8
MS4 (Linnehan)	40 oz - Lemon-Lime Drink	10
MS5 (Eyharts)	32 oz - Water	8

Note: Chicken Consommé is only available in 12 oz. Servings. Prepackaged volume may exceed prescribed quantity.

If there is a one orbit wave-off and fluid loading was completed on the previous deorbit attempt, then the following prescription should be completed by EI:

CREWMEMBER	FLUID	TOTAL # OF SALT TABLETS
CDR (Gorie)	8 oz - Water 12 oz - Chicken Consommé	2
PLT (Johnson)	0 oz - Water 24 oz - Chicken Consommé	0
MS1 (Behnken)	24 oz - Chicken Consommé 0 oz - Orange Ade	0
MS2 (Foreman)	0 oz - Water 24 oz - Chicken Consommé	0
MS3 (Doi)	16 oz - Water	4
MS4 (Linnehan)	20 oz - Lemon-Lime Drink	6
MS5 (Eyharts)	16 oz - Water	4

If there is a greater than one orbit wave-off or a partial fluid load was performed on the previous deorbit attempt then the entire protocol above should be repeated.

Anti-G Suit Operations:
Anti-G suits must be inflated to 0.5 psi (one click) at or near entry interface and to at least 1.0 psi (two clicks) at one G.

Dosimeter Reminder:
Ensure that all dosimeters are stowed in your ACES suits.

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The MMT met today to review the current mission status. All orbiter systems continue to perform very well and the team looks forward to undock and fly-around later tonight. Both the Shuttle and ISS Program congratulated the team for a successful docked mission! The Entry plan was briefed by the Entry Flight Director and EOM weather looks favorable for KSC.

Orbiter system Status - The vehicle continues to perform well. Cryo margins are greater than 2 days above a 16+2 day mission with the limiting consumable being LiOH with EOM+2 capability.

EVA Gloves - The glove inspection for the EVA 5 gloves is complete and there are no constraints with either set of gloves used for this EVA.

Entry - The plan for EOM will be to target KSC only and an orbit adjust burn on FD16 will be completed to bring in a daylight landing for the first KSC opportunity. The EOM weather forecast looks good with scattered clouds and a crosswind of ~10 knots. The Entry team will keep you apprised of all the details in the uplink package including FCS C/O specifics, Entry Deltas, and landing weather updates.