STS-93 (FD03)

TDRS EW | ORB | MET | ATT

Day 001

MET	ATT	CDR E.Collins	PLT J.Ashby	MS1 C.Coleman	MS2 S.Hawley	MS3 M.Tognini	MCC
18:00	-ZLV -XVV	MONITOR LATENT VIRUS (BIOMED, DSO 493)	MONITOR LATENT VIRUS (BIOMED, DSO 493)	MONITOR LATENT VIRUS (BIOMED, DSO 493)	MONITOR LATENT VIRUS (BIOMED, DSO 493)	MONITOR LATENT VIRUS (BIOMED, DSO 493)	
A1(B1) AUTO/VERN			STL Tape Change				
		POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) GALLEY MORNING RECONFIG (ORB OPS,GIRA)				
29		MNVR -ZLV +YVV TGT=2 BV=3 OM=270 A/AUTO/VERN Init TRK					
		SUPPLY/WASTE WATER DUMP (ORB OPS, ECLS) Initiate Supply Dump		POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)			UPDATE H2O SPLY DUMP QTY TK A & B
19:00			FD03 EZ ACTIVITIES: -CPA OPS(ORB OPS,CREW SYS) -OCAC Filter Inspect -Re-boot PGSCs -RCD Scenes with HDTV for a flight total of 5 hrs			POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
	-ZLV	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)			POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)		
	+YVV	SUPPLY/WASTE WATER DUMP (ORB OPS, ECLS) Terminate Supply Dump		OCA DOWNLINK (ORB OPS, OCA) Close Outlook			OCA OPS OST(Mail)⇑⇓ Spoc ⇑
			L1 FLASH EVAP CNTLR PRI A(B)-OFF				
		POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)					
30			STL Tape Change				
20:00		VOICE OPS(SCHOOL*) (PL OPS, SAREX-C) Contact: VK6IU W1, AOS=20:11 LOS=20:20 Frequency C1 (backup: C2) * Harbor View Elem.	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)		SWUIS SETUP Reattach SWUIS to side hatch window.		
				POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)			
	Venus	MNVR -Y VENUS (SWUIS) R=238.69 P=257.15 Y=337.57 A/AUTO/VERN Init MNVR Config DAP B to B5	Take 35mm Photo of CDR with CCM			EXERCISE (ergometer)	
(A1)B5 AUTO/VERN		CCM-C STATUS CHECK BRIC STATUS CHECK (PL OPS, MDDK SCI)			SWUIS TSM SCI RUN(VENUS 1) (PL OPS, SWUIS) Sun Set=1/20:59 Venus Set=1/21:05 Ref FD03 RSP		
31		On MS Go, DAP:B5/AUTO/VERN (NLT 20:58)		COMM STR 1 C/O, Part A (ORB OPS, COMM) Cmd to string 1			TDRS EARLY H/O TV DNLK SWUIS (MD)
21:00							

STS-93 (FD03)

TDRS EW | ORB | MET | ATT | CDR E.Collins | PLT J.Ashby | MS1 C.Coleman | MS2 S.Hawley | MS3 M.Tognini | MCC

Day 001

21:00

(A1)B5
AUTO/VERN

MNVR -Y VULCAN (SWUIS)
R=168.18 P=91.70 Y=31.07
A/AUTO/VERN Init MNVR
When in Att, DAP:B5/AUTO/VERN(NLT 21:24)

PGIM STATUS CK
(PL OPS, MDDK SCI)

SWUIS TSM SCI RUN(VENUS 1)
(PL OPS, SWUIS)
Sun Set=1/20:59
Venus Set=1/21:05
Ref FD03 RSP

CGBA STATUS CHECK
(PL OPS, MDDK SCI)

TV DNLK
SWUIS

OCA DOWNLINK
(ORB OPS, OCA)
PGIM DATA D/L

OCA OPS
PGIM⇓

P/TV 15 OPS (HDTV)
(PHOTO/TV, DTO 700-17A)

SWUIS TSM SCI RUN (VULCAN 1)
(PL OPS, SWUIS)
Vul Rise=1/21:25
Sun Rise=1/21:33
Ref FD03 RSP

31

Vul

P/TV 10 OPS
(PHOTO/TV, STL-B)
Config for Rcd only

P/TV 15 OPS (HDTV)
(PHOTO/TV, DTO700-17A)
Interviews of crew
performing various tasks

VOICE OPS (SCHOOL*)
(PL OPS, SAREX-C)
Contact: VK6IU
AOS=21:46
LOS=21:55
Frequency C1 (backup: C2)
* Awty International

STL Tape Change

22:00

EXERCISE

(ergometer)

P/TV 10 OPS
(PHOTO/TV, STL-B)
Config for Rcd & Dnlk

TV DNLK
STL

MEMS STATUS CHECK
STL-B STATUS CHECK
(PL OPS, MDDK SCI)

MNVR -Y JUPITER (SWUIS)
R=239.85 P=83.94 Y=26.85
A/AUTO/VERN Init MNVR
On MS Go, DAP:B5/AUTO/VERN (NLT 22:35)

BRIC FREEZE OPS 3
(PL OPS, BRIC)

P/TV 15 OPS (HDTV)
(PHOTO/TV, DTO700-17A)
Payload Bay terminator
Zero G Effects

SWUIS TSM SCI RUN (JUPITER)
(PL OPS, SWUIS)
Jupiter Rise=01/22:36
Sun Rise=01/23:03
(SWUIS Data recorded, no live D/L)

Jupiter

32

23:00

MEAL

P/TV 13 SETUP
(PHOTO/TV, CGBA)
P/TV 13 OPS (CGBA)
(PHOTO T/V, CGBA)
Downlink Video
From Experiment

TV DNLK
CGBA

EXERCISE

(ergometer)

P/TV 16 OPS (DCC)
(PHOTO/TV, DTO 631)

Cal

MNVR -Y CAL (SWUIS)
R=34.59 P=162.81 Y=329.39
A/AUTO/VERN Init MNVR

33

STL Tape Change

MEAL

00:00

STS-93 (FD03)

TDRS EW	ORB	MET	ATT	CDR E.Collins	PLT J.Ashby	MS1 C.Coleman	MS2 S.Hawley	MS3 M.Tognini	MCC
		Day 002 00:00	~On MS Go, DAP:B5/AUTO/VERN (NLT 23:59)~			~			
		(A1)B5 AUTO/VERN				EXERCISE (ergometer)	SWUIS TSM SCI RUN (CAL 1) (PL OPS, SWUIS) Vega SS=2/00:00 SR=2/00:33	P/TV 16 DOWNLINK (PHOTO/TV, DTO 631)	TV DNLK DCC (MD)
	33		Cal		MEAL		Unmount SWUIS prior to OMS burn	P/TV 04 SETUP (PHOTO/TV, PAO)	UPDATE ORBITAL MNVR PAD
		01:00	SPX	ON-ORBIT OMS BURN (ORB OPS, OMS) 1 ENG BURN (2 Cmn) Kwajalein	ON-ORBIT OMS BURN (ORB OPS, OMS) 1 ENG BURN (2 Cmn) Kwajalein	MEAL	MEAL	MIR CONTACT A/G 2 THRU W5RRR AOS = 02/01:02 LOS = 02/01:12 Ku Avail 00:56 -01:06	CONFIG A/G 2 MIR CONTACT
				< TIG (01:18:03)					
						STL Tape Change			
					P/TV 15 OPS (HDTV) (PHOTO/TV, DTO700-17A) Crew performing various tasks				TDRS EARLY H/O TV DNLK SWUIS (MD)
		(A1)B5 AUTO/VERN					Reattach SWUIS to Side hatch window	MEAL	
	34	02:00	Vul	MNVR -Y VULCAN (SWUIS) R=153.95 P=149.43 Y=10.60 A/AUTO/VERN Init MNVR Config DAP B to B5 On MS Go, DAP:B5/AUTO/VERN (NLT 01:35) When in Att, DAP:B5/AUTO/VERN		P/TV 15 OPS (HDTV) (PHOTO/TV, DTO700-17A) Crew at Orbiter Controls	SWUIS TSM SCI RUN (VULCAN 2) (PL OPS, SWUIS) Vul Rise=02/01:56 Sun Rise=02/02:03 Ref FdO3 RSP		
			SPX	ON-ORBIT OMS BURN (ORB OPS, OMS) 1 ENG BURN (2 Cmn) Alice Springs	ON-ORBIT OMS BURN (ORB OPS, OMS) 1 ENG BURN (2 Cmn) Alice Springs		Unmount SWUIS prior to OMS burn		UPDATE ORBITAL MNVR PAD
			Moon	< TIG (02:38)			Reattach SWUIS to Side hatch window		
	35	03:00		MNVR -Y MOON (SWUIS) R=2.21 P=95.45 Y=12.69 A/AUTO/VERN Init MNVR Config DAP B to B5 When in Att, DAP:B5/AUTO/VERN		~			

STS-93 (FD03)

TDRS EW | ORB | MET | ATT

Day 002

03:00 — (A1)B5 AUTO/VERN

CDR E.Collins

HEATER RECONFIG-Config B
(ORB OPS, EPS)

RCS REGULATOR RECONFIGURE
(ORB OPS, RCS)

CABIN TEMP CNTL RECONFIG
MD44F Pin CAB TEMP CNTL act link to secondary act
L1 CABIN TEMP CNTLR - 2

PLT J.Ashby

MS1 C.Coleman

P/TV 15 OPS (HDTV)
(PHOTO/TV, DTO700-17A)
Crew at Orbiter Controls

LFSAH SETUP
LFSAH OPS
Ref. MSG014, item 3

LFSAH RESTOW
(PL OPS, LFSAH)

MS2 S.Hawley

SWUIS TSM SCI RUN (MOON 3)
(PL OPS, SWUIS)
SS = 2/03:00
Moon Set = 2/03:32
Ref FD03 RSP

Take 35mm photo of MS3 working with LFSAH

MS3 M.Tognini

P/TV 11 SETUP
(PHOTO/TV, LFSAH)

LFSAH SETUP
LFSAH OPS

LFSAH RESTOW
(PL OPS, LFSAH)

MCC

TDRS
EARLY H/O

TV DNLK
SWUIS (MD)

Moon

35

04:00

MNVR -Y LYNN (SWUIS)
R=257.36 P=264.60 Y=339.64
A/AUTO/VERN Init MNVR
On MS Go, DAP:B5/AUTO/VERN
(NLT 04:29)

CCM-C STATUS CHECK
BRIC STATUS CHECK
(PL OPS, MDDK SCI)

EXERCISE
(ergometer)

STL Tape Change

Lynn

TV DNLK
SWUIS (MD)

SWUIS TSM SCI RUN (LYNN 1)
(PL OPS, SWUIS)
SS = 02/04:30
Lynn Set = 02/04:39

SWUIS TSM SCI RUN (LYNN 1)
(PL OPS, SWUIS)
SS = 02/04:30
Lynn Set= 02/04:39

MNVR -Y VULCAN (SWUIS)
R=167.86 P=91.75 Y=31.06
A/AUTO/VERN Init MNVR
When in Att,DAP:B5/AUTO/VERN

P/TV 04 SETUP
(PHOTO/TV, PAO)

36

05:00

SWUIS TSM SCI RUN (VUL 3)
(PL OPS, SWUIS)
Vul Rise = 2/04:56
SR = 2/05:04
Ref FD03 RSP

CGBA STATUS CHECK
(PL OPS, MDDK SCI)

Vul

PAO VOICE CHECK/EVENT
TV at TDRE
(05:05 to 05:25)

PAO VOICE CHECK/EVENT

SWUIS TEMP STOW

Temp stow SWUIS for sleep period

P/TV 13 SETUP
(PHOTO/TV, CGBA)

P/TV 13 OPS (CGBA)
(PHOTO T/V, CGBA)
Downlink Video from Experiment

PGIM STATUS CK
(PL OPS, MDDK SCI)

MSX OMS/PRCS BURN
(ORB OPS, MSX)
Steps 1,2,3a,3c,4,5,6

MSX OMS/PRCS BURN

MSX

37

MEMS STATUS CHECK
STL-B STATUS CHECK
(PL OPS, MDDK SCI)

STL Tape Change

06:00

STS-93 (FD03)

MET

TDRS EW

ORB

ATT

Day 002

06:00

A1(B1)
AUTO/VERN

37

38

39

07:00

08:00

09:00

HUD

-ZLV -XVV

CDR E.Collins

TIG 06:01:16

MSX OMS/PRCS BURN
(ORB OPS, MSX)
Steps 1,2,3a,3c,4,5,6

MNVR IMU (A1)
A/AUTO/VERN Init MNVR
R=25 P=230 Y=295

IMU ALIGN - S TRK

MNVR HUD CAL

HUD CALIBRATION
(ORB OPS)
Star:23 Betelguese

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

06 √UHF MODE - OFF
PRIVATE MEDICAL CONF

VOICE OPS(PERSONAL)
(PL OPS, SAREX-C)
Contact:AH6NM
W1, AOS=07:45
LOS=07:54
Frequency C8 (backup: C9)

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

PLT J.Ashby

MSX OMS/PRCS BURN

TOPPING FES STARTUP (ORB OPS, ECLS)

MNVR HUD CAL
R=354 P=284 Y=82
A/AUTO/VERN INIT MNVR

PRE SLEEP ACTIVITY
(ORB OPS, CREW SYS)
GALLEY OVERNIGHT CONFIG
(ORB OPS, GIRA)

STL Tape Change

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

STL Tape Change

MS1 C.Coleman

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

OCA DOWNLINK
(ORB OPS, OCA)
Close Outlook

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

MS2 S.Hawley

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

MS3 M.Tognini

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

MCC

TDRS
EARLY H/O

OCA OPS
OST(Mail)⇑⇓