(FD 04)

MET	TDRS EW	GND	SAA	ORB	ORB ATT	FSS	HST S/A	TDRS	CDR	PLT	MS2 (RMS)	GND CMD	MCC
Day 002 12:00				38									
(A10)B11 AUTO/VERN													
												HST PGSCA ON ORBIT CHECKOUT	
13:00				39					SLEEP	SLEEP	SLEEP	GYRO-3 CONTROL HEATER ENABLE	
					-ZLV	-V3	0						
14:00					-XVV								
									POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	FDO4 EZ ACTIVITIES: PGSC REBOOT OCAC FILTER INSPECTION TEPC (STATUS CHECK) (ORB OPS, CREW SYS) OSVS POWERCYCLE			
				40					A13 GPS PRE AMPL UC-OFF LC-MN A Inform MCC When Complete.			HST PGSCA ON ORBIT CHECKOUT	
										POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)			
15:00									SUPPLY WATER DUMP USING FES (ORB OPS, ECLS) Step 1	GALLEY MORNING CONFIG (ORB OPS, GIRA)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)		
									POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)				
				41									
16:00													

REPLANNED

(FD 04)

MET	TDRS EW	GND	SAA	ORB	ORB ATT	FSS	HSTS/A	TDRS	MS1 (EV1)	MS3 (EV2)	MS4	MS5	MCC
Day 002 12:00				38									
13:00				39					SLEEP	SLEEP	SLEEP	SLEEP	
14:00					-ZLV -XVV	-V3	0		POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)			
				40									
15:00								O6 √UHF MODE - OFF PRIVATE MEDICAL CONFERENCE		O6 √UHF MODE - OFF PRIVATE MEDICAL CONFERENCE	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PMC - A/G
				41					POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)			
16:00													

REPLANNED

(FD 04)

PET Rel | TDRS EWS | GND | SAA | ORB | MET | ORB ATJ | FSS | HSTS/A | TDRS | CDR | PLT | MS2 (RMS) | GND CMD | MCC

Day 002

16:00

(A10)B11 AUTO/VERN

10.2 PSI MAINTENANCE (EVA, 10.2 PSI CABIN) Ref. MSC019, Item 3 — RCS RGLTR RCNFG (ORB OPS, RCS)

10.2 PSI MAINTENANCE (EVA, 10.2 PSI CABIN) Ref. MSC019, Item 3 — RCS RGLTR RCNFG (ORB OPS, RCS)

L17 Check MCIU filter screen

HST PGSCA ON ORBIT CHECKOUT

P/TV13 SETUP (PHOTO/TV, SA OPERATIONS)

P/TV14 SETUP (PHOTO/TV, HST EVA)

TERMINATE HST PGSCA ON ORBIT CHECKOUT

TFL 179

41

EXERCISE

17:00

EXERCISE

-ZLV -XVV

MFR AIRLOCK INGRESS/EGRESS (PDRS, MFR OPS)

DGS

Z

FREE/VERN

18:00

42

PIVOT HST DN (to 85 DEG) (PL OPS, INBAY OPS)

P/TV13 OPERATIONS (PHOTO/TV, SA OPERATIONS) Item 2

PIVOT HST DN (to 85 DEG) (PL OPS, INBAY OPS)

-V3

0

(A10)B11 AUTO/VERN

PRIORITY PWRUP GROUP B (ORB PKT, PRIOR PWRDN) STEPS 5 (iADI/DDU) 6 (DUAL G2, NBAT 1221)

PRIORITY PWRUP GROUP B (ORB PKT, PRIOR PWRDN) STEPS 5 (iADI/DDU) 6 (DUAL G2, NBAT 1221)

UPLINK β ONLY 15 +BOX -175<AZ<10 -89<EL<-35

P/TV13 OPERATIONS (PHOTO/TV, SA OPERATIONS) Item 3

EVA 1 PET 00:00 at 2/18:45 MET

00:00 EVA1

SUN PROTECT

19:00

P/TV14 OPERATIONS (PHOTO/TV, HST EVA) Items 1-10

INITIAL SETUP (EVA, EVA 1)

A10(B11) AUTO/VERN

DGS

43

< MNVR (TRK) BIASED -ZLV -XVV TG=2 BV=5 P=135 Y=0 OM=13 A/AUTO/VERN INIT TRK (2/19:15)

Z

FREE/VERN

PIVOT HST UP (to 90 DEG) (PL OPS, INBAY OPS)

P/TV13 OPERATIONS (PHOTO/TV, SA OPERATIONS) Item 2

01:00

(A10)B11 AUTO/VERN

20:00

REPLANNED

(FD 04)

PET Rel | MET | Day 002

TDRS EW | GND | SAA | ORB | ORB ATJ | FSS | HSTS/A | TDRS | MS1 (EV1) | MS3 (EV2) | MS4 | MS5 | MCC

16:00

EVA PREP (EVA, EVA PREP) — MS1, MS3, MS4, MS5

On MCC GO, CHANGE HST PGSC DATA RATE
Configure for 32K TLM
EVA PREP (EVA, EVA PREP) — MS5

17:00

ZLV-XVV — SUN PROTECT

EMU PURGE/PREBREATHE (EVA, EVA PREP) — MS1, MS3, MS4, MS5

DGS 41 42 43

Z

V3 0

18:00

PIVOT HST DN (to 85 DEG) (PL OPS, INBAY OPS)
EMU PURGE/PREBREATHE (EVA, EVA PREP) — MS5

DEPRESS (DEPRESS/REPRESS, CC) — MS1, MS3, MS4, MS5

EVA 1 PET 00:00 at 2/18:45 MET

00:00 EVA1

PST DEPRSS(DEP/REP,CC)
EVA EGRESS (EVA CUFF, 3) — MS1, MS3

EVA SUPPORT (EVA, EVA 1) — MS4, MS5

19:00

INITIAL SETUP (EVA, EVA 1) — MS1, MS3

Z

01:00

PIVOT HST UP (to 90 DEG) (PL OPS, INBAY OPS)
EVA SUPPORT (EVA, EVA 1) — MS4, MS5

20:00

REPLANNED

(FD 04)

PET Rel | TDRS EWS | GND | SAA | ORB | MET | ORB ATT | FSS | HST S/A | TDRS | CDR | PLT | MS2 (RMS) | GND CMD | MCC

Day 002

20:00 (A10)B11 AUTO/VERN

02:00 EVA1

03:00

04:00

05:00

00:00

DGS

43 44 45 46

SUN PROTECT

-ZLV -XVV

-V3

0

Z

Z

< MNVR BIAS +XSI
R=64 P=141 Y=327
A/AUTO/VERN INIT MNVR (2/20:12)

< MNVR (TRK) BIASED -ZLV -XVV
TG=2 BV=5 P=135 Y=0 OM=13
A/AUTO/VERN INIT TRK (2/20:45)

< MNVR BIAS +XSI
R=64 P=141 Y=327
A/AUTO/VERN INIT MNVR (2/21:48)

< MNVR (TRK) BIASED -ZLV -XVV
TG=2 BV=5 P=135 Y=0 OM=13
A/AUTO/VERN INIT TRK (2/22:22)

< MNVR (TRK) -ZLV -XVV
TG=2 BV=3 OM=0
A/AUTO/VERN INIT TRK (2/23:25)

P/TV14 OPERATIONS
(PHOTO/TV, HST EVA)
Items 1-10

RSU 1,2,3 CHANGEOUT
(EVA, EVA 1)

OPEN NICMOS VALVES
(EVA, EVA 1)

AFT SHROUD DOOR CLOSURE
(EVA, EVA 1)

MFR SWAP
(EVA, EVA 1)

VIK INSTALLATION
(EVA, EVA 1)

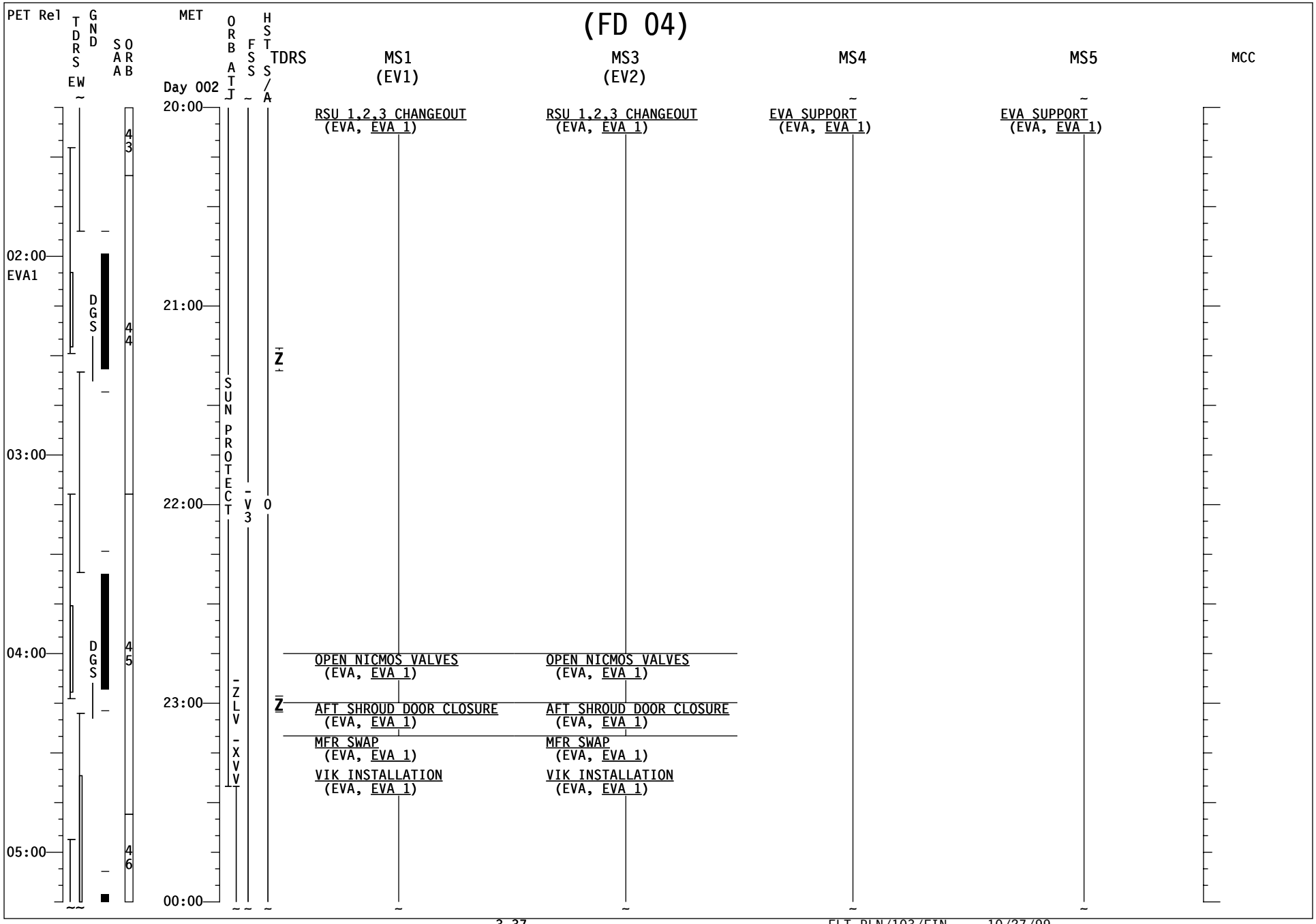
RSU CHANGEOUT
(INCLUDES PREP, C/O
ACTIVATION & A/T)

TURN FGEs OFF

CONFIGURE FOR VIK
INSTALLATION

REPLANNED

(FD 04)



REPLANNED

(FD 04)

PET Rel | TDRS EWS | GND | SAA | ORB | MET | ORB ATT | FSS | HST S/A | TDRS | CDR | PLT | MS2 (RMS) | GND CMD | MCC

Day 003

00:00
A10(B11) AUTO/VERN

06:00
EVA1

FREE/VERN
01:00

A10(B11) AUTO/VERN

07:00

02:00

03:00

04:00

DGS
DGS
46
47
48

-ZLV -XVV
BATT CHG
-V3

0
Z
ERLY H/O
100
ERLY H/O

CDR

SINGLE (DUAL) SA SLEW
(PL OPS, IN-BAY OPS)
Dual S/A Slew to 100 deg.

During FREE DRIFT:
MNVR BATT CHG ATT
R= 45 P=287 Y=75
A/FREE/VERN INIT MNVR
When S/A Slew Comp:A/AUTO/VERN
10.2 PSI MAINTENANCE
(EVA, 10.2 PSI CABIN)
Ref. MSG019, Item 3
IMU ALIGN - S TRK (ORB OPS, GNC)
Expect -Y:37 -Z:16
PRIOR POWERDOWN GROUP B
(ORB PKT, PRIOR PWRDN)
Steps 5,6 Single G2

SUPPLY WATER DUMP USING FES
(ORB OPS, ECLS) Step 1
Check EMU H2O RECHARGE is comp.
prior to initiating FES Dump.

VIDEO CONFERENCING (PMC)
(ORB OPS, OCA)

NEXT DAY'S EVA REVIEW

PLT

P/TV14 OPERATIONS
(PHOTO/TV, HST EVA)
Items 1-10

P/TV13 OPERATIONS
(PHOTO/TV, SA OPERATIONS)
Item 4

SUPPLY WATER DUMP USING FES
(ORB OPS, ECLS) Step 2.
FES Pri A is not req'd.

P/TV12 SETUP
(PHOTO/TV, HST SURVEY)

P/TV12 OPERATIONS
(PHOTO/TV, HST SURVEY)
Item 1

VIDEO CAMCORDER PLAYBACK
Check if MCC Requires P/B
KU AVAIL TDRE (03:30-03:45)

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

GALLEY OVERNIGHT CONFIG
(ORB OPS, GIRA)

MS2 (RMS)

VIK INSTALLATION
(EVA, EVA 1)

DAILY CLOSEOUT
(EVA, EVA 1)

10.2 PSI MAINTENANCE
(EVA, 10.2 PSI CABIN)
Ref. MSG019, Item 3

RMS/MFR EXTENDED PARK
(PDRS OPS, MFR OPS)

OCA DNLK (MAIL SYNCH)
(ORB OPS, OCA)
Close OUTLOOK ON ALL PGSCs

EXERCISE

NEXT DAY'S EVA REVIEW

GND CMD

VIK ALIVENESS TEST

VIK FUNCTIONAL TEST

MCC

UPLINK
β ONLY 15 +BOX
-75<AZ<10
-89<EL<-35

DUAL S/A SLEW TO 100 DEG

TDRS H/O

TDRS H/O

PMC - OCA

REPLANNED

(FD 04)

PET Rel | TDRS EW | GND | SAA | ORB | MET | ORB ATT | FSS | HST S/A | TDRS | MS1 (EV1) | MS3 (EV2) | MS4 | MS5 | MCC

Day 003

06:00 EVA1

07:00

00:00

01:00

02:00

03:00

04:00

DGS

DGS

46

47

48

-ZLV -XVV

BATT CHG

-V3

0

Z

ERLY H/O

100

ERLY H/O

MS1 (EV1)	MS3 (EV2)	MS4	MS5	MCC
VIK INSTALLATION (EVA, EVA 1)	VIK INSTALLATION (EVA, EVA 1)	EVA SUPPORT (EVA, EVA 1)	EVA SUPPORT (EVA, EVA 1)	
DAILY CLOSEOUT (EVA, EVA 1)	DAILY CLOSEOUT (EVA, EVA 1)	VIK FUNCTIONAL TEST (PL OPS, IN-BAY OPS) Prior to S/A SLEW: STEP 1	VIK FUNCTIONAL TEST (PL OPS, IN-BAY OPS) Prior to S/A SLEW: STEP 1	
EVA INGRESS (EVA CUFF, 4)	EVA INGRESS (EVA CUFF, 4)	SINGLE (DUAL) SA SLEW (PL OPS, IN-BAY OPS) Dual S/A Slew to 100 deg.	SINGLE (DUAL) SA SLEW (PL OPS, IN-BAY OPS) Dual S/A Slew to 100 deg.	DUAL S/A SLEW TO 100 DEG
PRE REPRSS (DEP/REP,CC)	PRE REPRSS (DEP/REP,CC)			
REPRESS (DEPRESS/REPRESS, CC)	REPRESS (DEPRESS/REPRESS, CC)	REPRESS (DEPRESS/REPRESS, CC)		TDRS H/O
POST EVA With H2O Recharge (EVA, POST EVA)	POST EVA With H2O Recharge (EVA, POST EVA)	VIK FUNCTIONAL TEST (PL OPS, IN-BAY OPS) Post S/A SLEW: STEP 2	VIK FUNCTIONAL TEST (PL OPS, IN-BAY OPS) Post S/A SLEW: STEP 2	
		POST EVA With H2O Recharge (EVA, POST EVA)	POST EVA With H2O Recharge (EVA, POST EVA)	
EVA 2 TOOL CNFG (EVA, TIMELINES)	EMU SWAP (EVA, AIRLOCK CONFIG)	EVA 2 TOOL CNFG (EVA, TIMELINES)	EMU SWAP (EVA, AIRLOCK CONFIG)	
	HELMET LT/PGT BATT RCHG (INIT) (EVA, EMU MAINT/RCHG)			
	MDDK EMU BATT RCHG/LIOH REPLACEMENT (EVA, EMU MAINT/RECHARGE)		MDDK EMU BATT RCHG/LIOH REPLACEMENT (EVA, EMU MAINT/RECHARGE)	TDRS H/O
	EMU EQUIPMENT SWAP (EVA, EMU MAINT/RECHARGE)		EMU EQUIPMENT SWAP (EVA, EMU MAINT/RECHARGE)	
NEXT DAY'S EVA REVIEW	NEXT DAY'S EVA REVIEW	NEXT DAY'S EVA REVIEW	NEXT DAY'S EVA REVIEW	

REPLANNED

(FD 04)

TDRS EW	GND DGS	SAA	ORB	MET	ORB ATT	FSS	HST S/A	TDRS	CDR	PLT	MS2 (RMS)	GND CMD	MCC
				Day 003									
				04:00					NEXT DAY'S EVA REVIEW		NEXT DAY'S EVA REVIEW		
				A10(B11) AUTO/VERN						PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)		VIK FUNCTIONAL TEST	
			48		BATT CHG		100			GALLEY OVERNIGHT CONFIG (ORB OPS, GIRA)			
									PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)				
				FREE/VERN			ERLY H/O	SINGLE (DUAL) SA SLEW (PL OPS, IN-BAY OPS) Dual S/A Slew to 0 deg.	P/TV13 OPERATIONS (PHOTO/TV, SA OPERATIONS) Item 4	Power on Illuminators (P/TV Cue Card) Cameras A,B,C,D, & Elbow Inform MCC when complete.		TDRS H/O DUAL S/A SLEW TOO DEG UPLINK β ONLY 15 +BOX -40<AZ<10 -89<EL<-40
				05:00								SLEW SAs TO 0 DEG	
				A10(B11) AUTO/VERN				SUPPLY WATER DUMP USING FES (ORB OPS, ECLS) Step 2. FES Pri A is req'd.	During FREE DRIFT: MNVR (TRK) BIASED -ZLV -XVV TG=2 BV=3 OM=335 A/FREE/VERN INIT TRK When S/A Slew Comp. A/AUTO/VERN			RGA FUNCTIONAL TEST	
			49					10.2 PSI MAINTENANCE (EVA, 10.2 PSI CABIN) Ref. MSG019, Item 3	MNVR (TRK) -ZLV -XVV (FUTURE LOAD) TG=2 BV=3 OM=0 A/AUTO/VERN INIT TRK (03/06:40)	10.2 PSI MAINTENANCE (EVA, 10.2 PSI CABIN) Ref. MSG019, Item 3			
	DGS				BIAS -ZLV -XVV	-V3						CONFIG NEW RATE GYRO COMPLEMENT	
								PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)		LOAD GYRO TABLES & DRIFT RATE BIASES	
				06:00			0					TURN FGEs ON	
			50										
				07:00	-ZLV -XVV				SLEEP	SLEEP	SLEEP		
	DGS												
			51										
				08:00									

REPLANNED

(FD 04)

MET	TDRS	MS1 (EV1)	MS3 (EV2)	MS4	MS5	MCC
Day 003 04:00		NEXT DAY'S EVA REVIEW	NEXT DAY'S EVA REVIEW	NEXT DAY'S EVA REVIEW	NEXT DAY'S EVA REVIEW	
		PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)			
	◆ ERLY H/O	SINGLE (DUAL) SA SLEW (PL OPS, IN-BAY OPS) Dual S/A Slew to 0 deg.	SINGLE (DUAL) SA SLEW (PL OPS, IN-BAY OPS) Dual S/A Slew to 0 deg.	VIK FUNCTIONAL TEST (PL OPS, IN-BAY OPS) STEP 3	VIK FUNCTIONAL TEST (PL OPS, IN-BAY OPS) STEP 3	TDRS H/O
05:00		PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
			OCA DNLK (MAIL SYNCH) (ORB OPS, OCA) Close OUTLOOK ON ALL PGSCs. Place SpOC Update Disc into OCA PGSC.	P/TV01 SETUP (PHOTO/TV, PLB VIEWS)		
06:00						
07:00		SLEEP	SLEEP	SLEEP	SLEEP	
08:00						

TDRS EW ~ | GND DGS | SAA 48 49 50 51 | ORB ATT BATT CHG BIAS -ZLV -XVV -ZLV -XVV | FSS ~ -V3 | HSTS/A 100 0

REPLANNED