(FD 03)

TDRS EW | GND | SAA | ORB | MET | ORB ATT | FSS | HSTS/A | TDRS | CDR | PLT | MS2 | GND CMD | MCC

Day 001

12:00 — A1(B1) AUTO/VERN

13:00

14:00

15:00

16:00

ORB ATT: -ZLV -XVV

ORB ATT: -ZLV +YVV

FSS: BERTH CONFIG (-V3)

SAA: 23, 24, 25, 26

CDR: SLEEP

PLT: SLEEP

MS2: SLEEP

FD03 EZ ACTIVITIES:
- PGSC REBOOT
- OCAC FILTER INSPECTION
- TEPC (STATUS CHECK) (ORB OPS, CREW SYS)
- OSVS POWERCYCLE
- EXERCISE (CDR, PLT)

TDRS: ◆ ERLY H/O

CDR: POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

CDR: MNVR (TRK) -ZLV +YVV
TG=2 BV=3 OM=270
A/AUTO/VERN Init TRK

CDR: POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

CDR: A13 GPS PRE AMPL UC-MN C LC-OFF
Inform MCC When Complete.

PLT: POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
GALLEY MORNING CONFIG (ORB OPS, GIRA)

PLT: SUPPLY/WASTE WATER DUMP (ORB OPS, ECLS)
Initiate SPLY/WASTE Dump

PLT: POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

MS2: POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

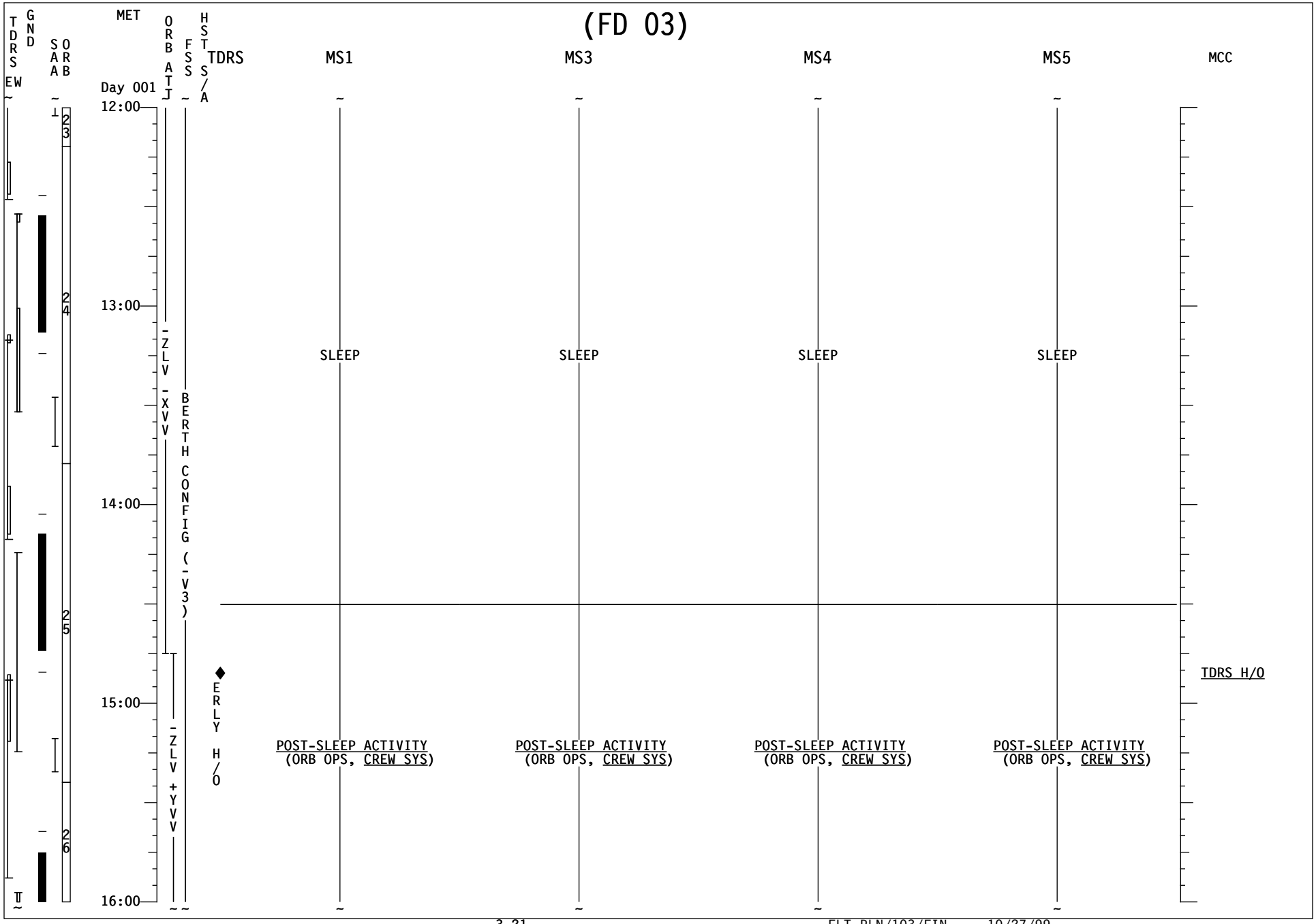
GND CMD: TURN OFF FGEs BEFORE HWSP

MCC: TDRS H/O

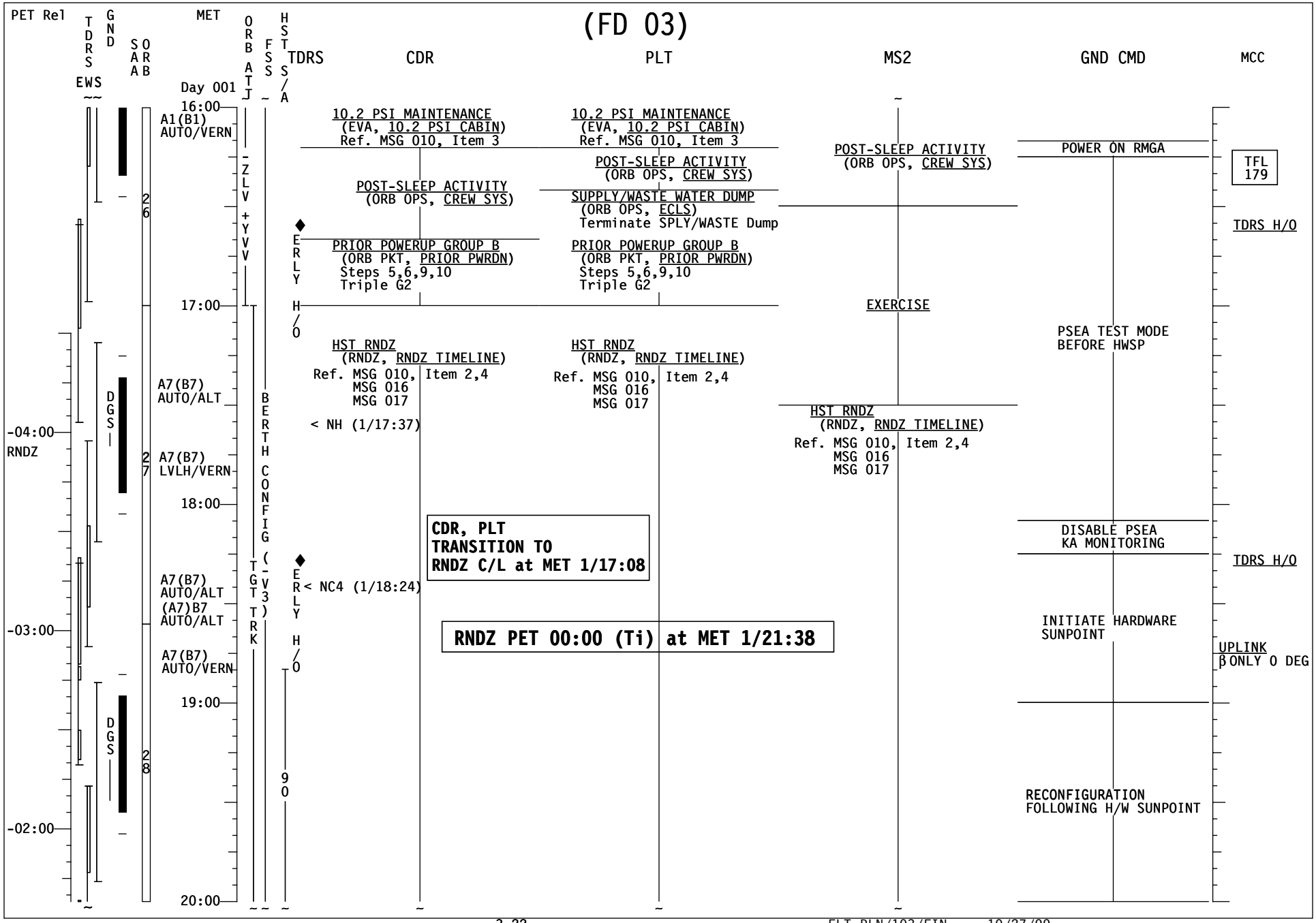
MCC: UPDATE WASTE/SUPPLY H2O DUMP QTY

REPLANNED

(FD 03)

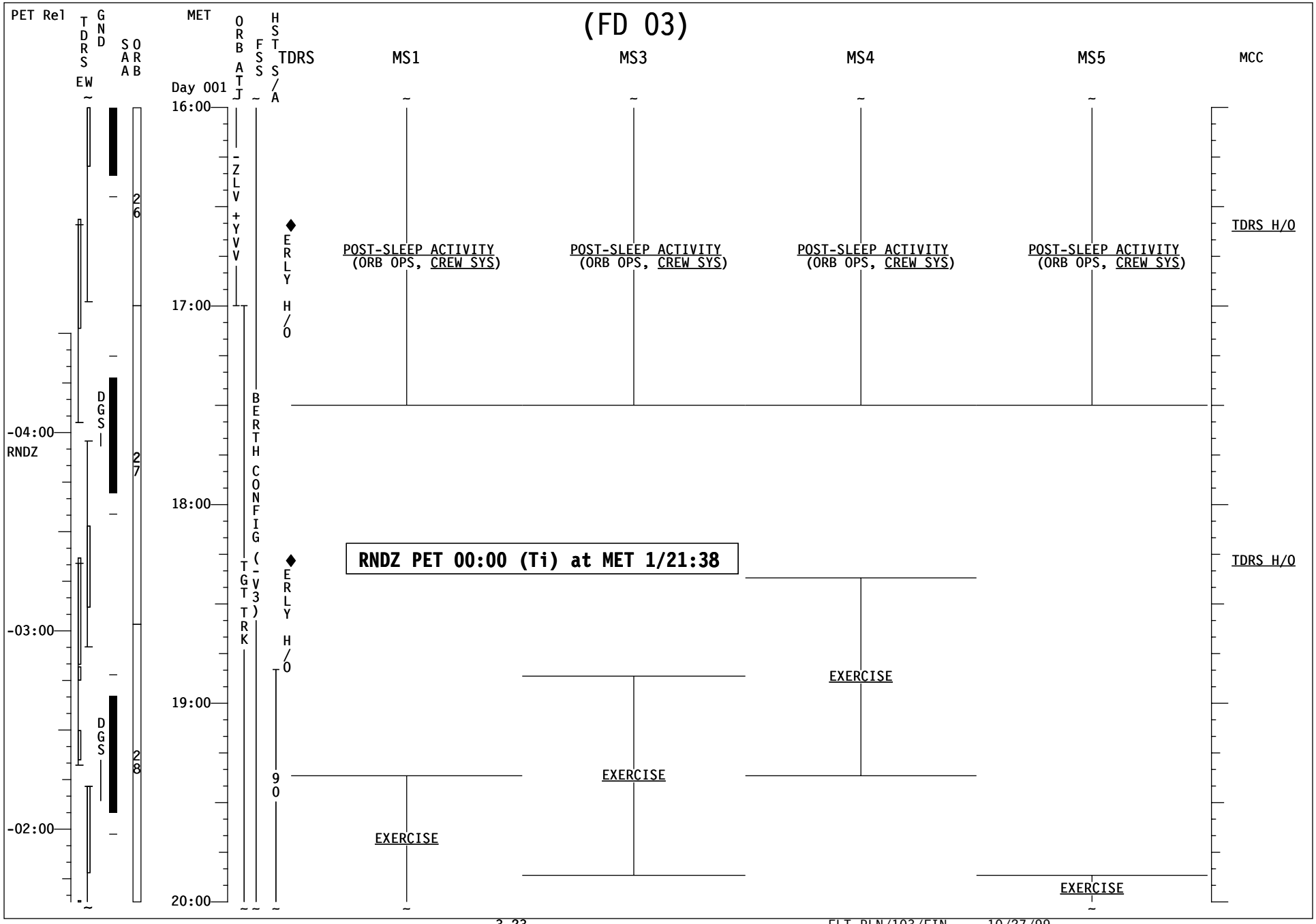


REPLANNED


(FD 03)
PET Rel
TDRS EWS
GND
SAA
ORB
MET
Day 001
ORB ATT
FSS
HST S/A
TDRS
CDR
PLT
MS2
GND CMD
MCC
16:00
17:00
18:00
19:00
20:00
-04:00
RNDZ
-03:00
-02:00
A1(B1) AUTO/VERN
A7(B7) AUTO/ALT
A7(B7) LVLH/VERN
A7(B7) AUTO/ALT
(A7)B7 AUTO/ALT
A7(B7) AUTO/VERN
26
27
28
DGS
DGS
-ZLV
+YVV
TGT TRK
BERTH CONFIG (-V3)
90
ERLY H/O
ERLY H/O
10.2 PSI MAINTENANCE
(EVA, 10.2 PSI CABIN)
Ref. MSG 010, Item 3
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
PRIOR POWERUP GROUP B
(ORB PKT, PRIOR PWRDN)
Steps 5,6,9,10
Triple G2
HST RNDZ
(RNDZ, RNDZ TIMELINE)
Ref. MSG 010, Item 2,4
MSG 016
MSG 017
< NH (1/17:37)
< NC4 (1/18:24)
10.2 PSI MAINTENANCE
(EVA, 10.2 PSI CABIN)
Ref. MSG 010, Item 3
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
SUPPLY/WASTE WATER DUMP
(ORB OPS, ECLS)
Terminate SPLY/WASTE Dump
PRIOR POWERUP GROUP B
(ORB PKT, PRIOR PWRDN)
Steps 5,6,9,10
Triple G2
HST RNDZ
(RNDZ, RNDZ TIMELINE)
Ref. MSG 010, Item 2,4
MSG 016
MSG 017
CDR, PLT
TRANSITION TO
RNDZ C/L at MET 1/17:08
RNDZ PET 00:00 (Ti) at MET 1/21:38
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
EXERCISE
HST RNDZ
(RNDZ, RNDZ TIMELINE)
Ref. MSG 010, Item 2,4
MSG 016
MSG 017
POWER ON RMGA
PSEA TEST MODE
BEFORE HWSP
DISABLE PSEA
KA MONITORING
INITIATE HARDWARE
SUNPOINT
RECONFIGURATION
FOLLOWING H/W SUNPOINT
TFL
179
TDRS H/O
TDRS H/O
UPLINK
β ONLY 0 DEG

REPLANNED

(FD 03)



REPLANNED

(FD 03)

PET Rel | MET | TDRS EWS | GND | SAA | ORAB | ORB ATT | FSS | HSTS/A | TDRS | CDR | PLT | MS2 | GND CMD | MCC

Day 001

20:00

-01:00 RNDZ

21:00

00:00

01:00

22:00

23:00

02:00

00:00

ORB ATT: TGT TRK; RNDZ; FREE

FSS: BERTH CONFIG (-V3)

HSTS/A: 90; TZ

SAA: DGS; DGS

ORAB: 28; 29; 30; 31

A7(B7) AUTO/VERN

A7(B7) LVLH/PRI

A7(B7) AUTO/VERN

A8(B8) INRT/VERN FREE/VERN

< Ti (1/21:38)

< +RBAR (1/23:12)

< GRAPPLE (1/23:51)

TDRS: HST RNDZ (RNDZ, RNDZ TIMELINE); HST BERTH (PDRS, NOM HST RETRV)

PLT: HST RNDZ (RNDZ, RNDZ TIMELINE); HST BERTH (PDRS, NOM HST RETRV)

MS2: HST RNDZ (RNDZ, RNDZ TIMELINE); HST BERTH (PDRS, NOM HST RETRV)

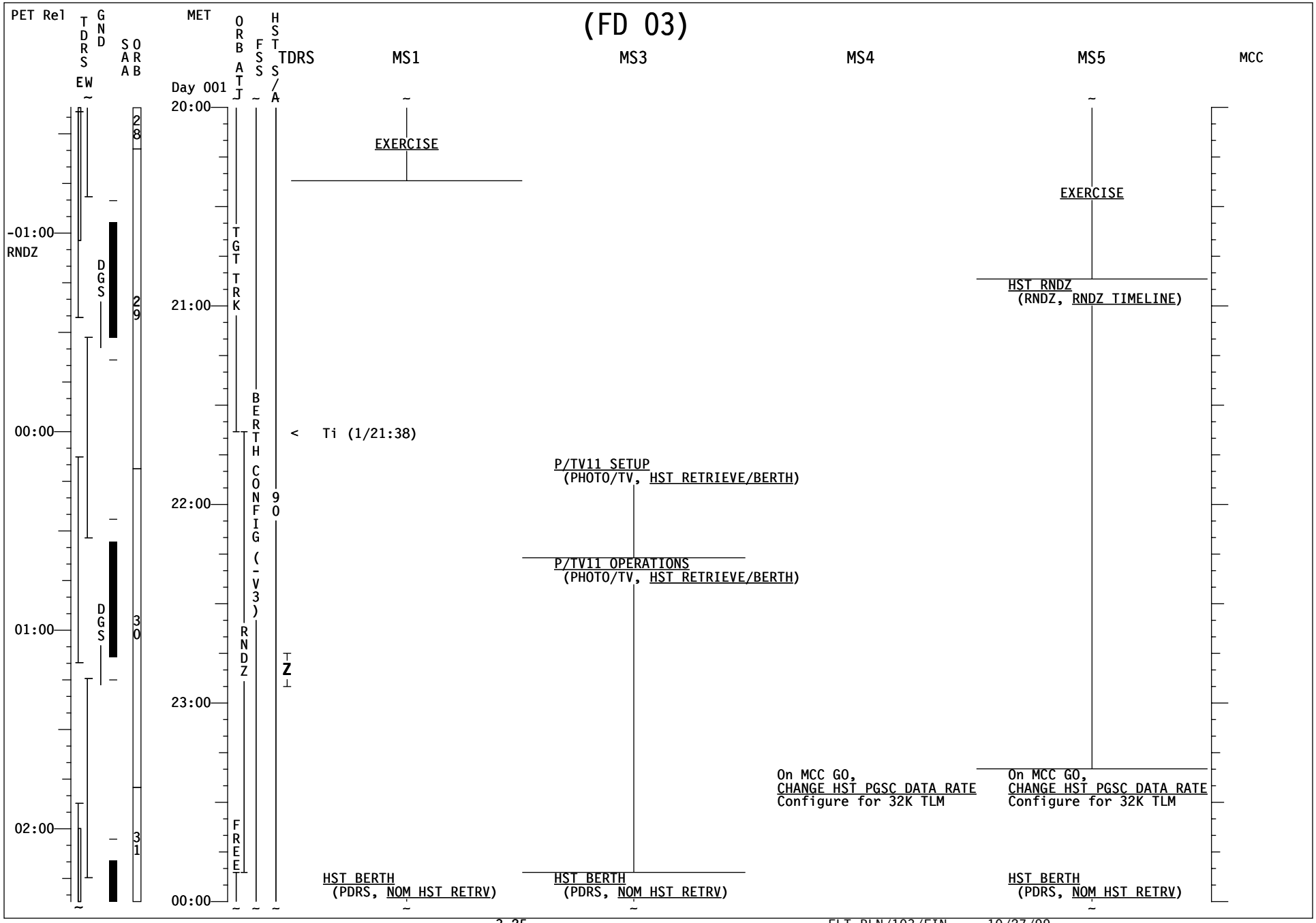
GND CMD:

- OTA BUS RECONFIG AFTER HWSP
- TURN ON SIC&DH
- TURN ON SADE & ENABLE EPS PROCESSING
- POWER OFF GYROS 3 & 4
- NON-ESSENTIAL LOAD REDUCTION
- TRANSITION TO PSP-BYPASS
- DISABLE S/M TESTS
- LGA SWITCH
- DSBL S/M TESTS & MCU AD CONFIGURATION
- SWITCH TO T FORMAT
- HST TO DRIFT MODE

MCC:

- INFORM CREW GO FOR TI BURN
- UPLINK β ONLY 0 +BOX -45<AZ<100 -89<EL<0

REPLANNED


(FD 03)
PET Rel
TDRS EW
GND
SAA
ORB
MET
Day 001
ORB ATT
FSS
HST S/A
TDRS
MS1
MS3
MS4
MS5
MCC
20:00
21:00
22:00
23:00
00:00
-01:00
RNDZ
00:00
01:00
02:00
DGS
DGS
28
29
30
31
TGT TRK
BERTH CONFIG (-V3)
RNDZ
FREE
90
Z
EXERCISE
< Ti (1/21:38)
HST BERTH
(PDRS, NOM HST RETRV)
P/TV11 SETUP
(PHOTO/TV, HST RETRIEVE/BERTH)
P/TV11 OPERATIONS
(PHOTO/TV, HST RETRIEVE/BERTH)
HST BERTH
(PDRS, NOM HST RETRV)
On MCC GO,
CHANGE HST PGSC DATA RATE
Configure for 32K TLM
EXERCISE
HST RNDZ
(RNDZ, RNDZ TIMELINE)
On MCC GO,
CHANGE HST PGSC DATA RATE
Configure for 32K TLM
HST BERTH
(PDRS, NOM HST RETRV)

REPLANNED

(FD 03)

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

Day 002

03:00 RNDZ

00:00 A8(B8) FREE/VERN

A10(B11) AUTO/VERN 01:00

02:00

FREE/VERN 03:00

(A10)B11 AUTO/VERN

04:00

DGS

31

32

33

FREE

BATT CHG

-ZLV -XVV

-V3

90

0

Z

CDR

HST BERTH
(PDRS, NOM HST RETRV)

Config DAP A,B to A10,B11
During FREE DRIFT:
MNVR BATT CHG ATT
R=42 P=291 Y=74
A/AUTO/FREE INIT MNVR
When FREE DRIFT Comp. A/AUTO/VERN

IMU ALIGN - S TRK (ORB OPS, GNC)
Expect -Y:37 -Z:16

PRIOR POWERDOWN GROUP B
(ORB PKT, PRIOR PWRDN)
Steps 5,6,9,10,11
Single G2

SINGLE (DUAL) SA SLEW
(PL OPS, IN-BAY OPS)
Dual S/A Slew to 0 deg.

VIDEO CONFERENCING (PMC)
(ORB OPS, OCA)

NEXT DAY'S EVA REVIEW

PLT

HST BERTH
(PDRS, NOM HST RETRV)

PRIOR POWERDOWN GROUP B
(ORB PKT, PRIOR PWRDN)
Steps 5,6,9,10,11
Single G2

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

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

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

During FREE DRIFT
MNVR (TRK) -ZLV -XVV
TG=2 BV=3 OM=0
B/FREE/VERN INIT TRK
When S/A Comp. B/AUTO/VERN
NEXT DAY'S EVA REVIEW

MS2

HST BERTH
(PDRS, NOM HST RETRV)

BERTHED HST SURVEY (-V3)
(PDRS, PHOTO SURVEYS)

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

NEXT DAY'S EVA REVIEW

GND CMD

HST TO DRIFT MODE

SWITCH LGAs FOR
PI OPS

ACTIVATE HST
EXTERNAL POWER

OTA HTR CONFIG

DMU BYPASS OFF

OPEN SPA TRIM RELAYS
ENBL PRI BATT HTRS

SLEW SAs TO 0 DEG
RECONFIGURE PSEA

TURN FGEs ON

HST PGSCA ON ORBIT
CHECKOUT

MCC

UPLINK
β ONLY 15 +BOX
-40<AZ<10
-89<EL<-40

TFL
184

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

REPLANNED

(FD 03)

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

Day 002

03:00 RNDZ

00:00

01:00

02:00

03:00

04:00

DGS

31

32

33

FREE

BATT CHG

-ZLV

-XVV

-V3

90

0

Z

MS1

HST BERTH
(PDRS, NOM HST RETRV)

LATCH & MATE HST
(PL OPS, RETRIEVAL OPS)

ACTIVATE HST EXTERNAL PWR
(PL OPS, RETRIEVAL OPS)

EVA 1 TOOL CNFG
(EVA, TIMELINES)

SINGLE (DUAL) SA SLEW
(PL OPS, IN-BAY OPS)
Dual S/A Slew to 0 deg.

MIDDECK PREP
(EVA, EVA PREP)

On MCC GO,
CHANGE HST PGSC DATA RATE
Configure for 4K TLM
NEXT DAY'S EVA REVIEW

MS3

HST BERTH
(PDRS, NOM HST RETRV)

LATCH & MATE HST
(PL OPS, RETRIEVAL OPS)

ACTIVATE HST EXTERNAL PWR
(PL OPS, RETRIEVAL OPS)

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

SIGI OCA DOWNLINK
(ORB OPS, GPS)

MIDDECK PREP
(EVA, EVA PREP)

NEXT DAY'S EVA REVIEW

MS4

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

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

EVA 1 TOOL CNFG
(EVA, TIMELINES)

SINGLE (DUAL) SA SLEW
(PL OPS, IN-BAY OPS)
Dual S/A Slew to 0 deg.

MIDDECK PREP
(EVA, EVA PREP)

NEXT DAY'S EVA REVIEW

MS5

HST BERTH
(PDRS, NOM HST RETRV)

BERTHED HST SURVEY (-V3)
(PDRS, PHOTO SURVEYS)

P/TV13 OPERATIONS
(PHOTO/TV, SA OPERATIONS)
Item 1

MIDDECK PREP
(EVA, EVA PREP)

On MCC GO,
CHANGE HST PGSC DATA RATE
Configure for 4K TLM
NEXT DAY'S EVA REVIEW

REPLANNED

(FD 03)

TDRS EW	GND DGS	SAA	ORB	MET	ORB ATT	FSS	HST S/A	TDRS	CDR	PLT	MS2	GND CMD	MCC
				Day 002									
				04:00				Z	NEXT DAY'S EVA REVIEW	NEXT DAY'S EVA REVIEW	NEXT DAY'S EVA REVIEW		
			33	(A10)B11 AUTO/VERN									
									10.2 PSI MAINTENANCE (EVA, 10.2 PSI CABIN)	10.2 PSI MAINTENANCE (EVA, 10.2 PSI CABIN)			
			34	05:00							Power on Illuminators (P/TV Cue Card) Cameras A,B,C,D, & Elbow Inform MCC when complete.	HST PGSCA ON ORBIT CHECKOUT	
									PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)			
										GALLEY OVERNIGHT CONFIG (ORB OPS, GIRA)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)		
	DGS								L1 CAB TEMP CNTL - adj as desired	ML86B:C cb MNB EXT ARLK HTR LINE ZN 1,2 (two) - cl MNA EXT ARLK HTR LINE ZN 1,2 (two) - op			
					-ZLV -XVV	-V3	0						
				06:00								KU BAND ON-ORBIT CHECKOUT	
			35										
				07:00					SLEEP	SLEEP	SLEEP	HST PGSCA ON ORBIT CHECKOUT	
	DGS												
			36									D FORMAT TELEMETRY TEST	
				08:00									

REPLANNED

(FD 03)

MET	TDRS	MS1	MS3	MS4	MS5	MCC
Day 002 04:00	Z	NEXT DAY'S EVA REVIEW	NEXT DAY'S EVA REVIEW	NEXT DAY'S EVA REVIEW	NEXT DAY'S EVA REVIEW	
	VIDEO CAMCORDER PLAYBACK					
	KU AVAIL TDRW (04:40-04:55)					
05:00	P/TV01 SETUP (PHOTO/TV, PLB VIEWS)					
		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.			
06:00	0					
07:00		SLEEP	SLEEP	SLEEP	SLEEP	
08:00						

TDRS EW; GND DGS; DGS; DGS; SAA; ORB 33; 34; 35; 36; ORB ATT; -ZLV; -XVV; FSS; -V3; HSTS/A