Space Shuttle Program
FLIGHT DATA FILE

JSC-48000-124

Flight Plan

STS-124/1J

(STS-124 May 31st, Rev A Trajectory)

Mission Operations Directorate
Operations Division

For the latest working copy of the Flight Plan, visit
http://mod.jsc.nasa.gov/do4/flightplan/main/fp.cfm?id=124

Final
May 8, 2008

GMT Launch Date: Saturday, May 31, 2008

GMT Launch Time: 152/21:01:34

National Aeronautics and
Space Administration

Lyndon B. Johnson Space Center
Houston, Texas

Verify this is the correct version for the pending operation (training, simulation or flight).
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MISSION OPERATIONS DIRECTORATE

FLIGHT PLAN
STS-124

FINAL
May 8, 2008

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Incorporates the following:
482#: FLT PLN-2055

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FLIGHT PLAN
STS-124

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INTRODUCTION

The STS-124 Flight Plan is the Flight Data File article that contains the on-orbit timeline. It does not contain the detailed timelines that are covered in the Ascent, Post Insertion, Deorbit Prep, and Entry Checklists. The detailed rendezvous and undocking timelines and procedures are contained in the Rendezvous Checklist. The detailed EVA task timelines and procedures are contained in the EVA Checklist.

This Flight Plan satisfies the mission requirements specified in the following documents:

NSTS-07700 Vol III, Flight Definition and Requirements Document
NSTS-17462-124, STS-124 Flight Requirements Document
NSTS-37326, Shuttle Crew Scheduling Constraints
NSTS-21370, ISS-1J Mission Integration Plan

The timeline formats used in this Flight Plan are based on JSC-19933, Timeline Format Definitions and Standard Notes, Rev C, May 1990.

The STS-124 Flight Plan is based on a launch date of May 31, 2008, at 21:01 GMT (4:01 PM CDT). Orbiter inertial attitudes are expressed relative to a mean of 1950 (M50) reference frame.

The following SCSC Exceptions have been submitted in order to meet Category 1 objectives:

None

The Flight Plan and previously published, non-flown sections listed below are available on the following Space Shuttle Flight Planning web site:

http://mod.jsc.nasa.gov/do4/flightplan/main/fp.cfm?id=124

Non-flown sections that are no longer published:

Attitude Timeline
Ku-Band Antenna Masking Plan
Flight Plan Notes
Flight Plan Walkthrough

OVERVIEW TIMELINE

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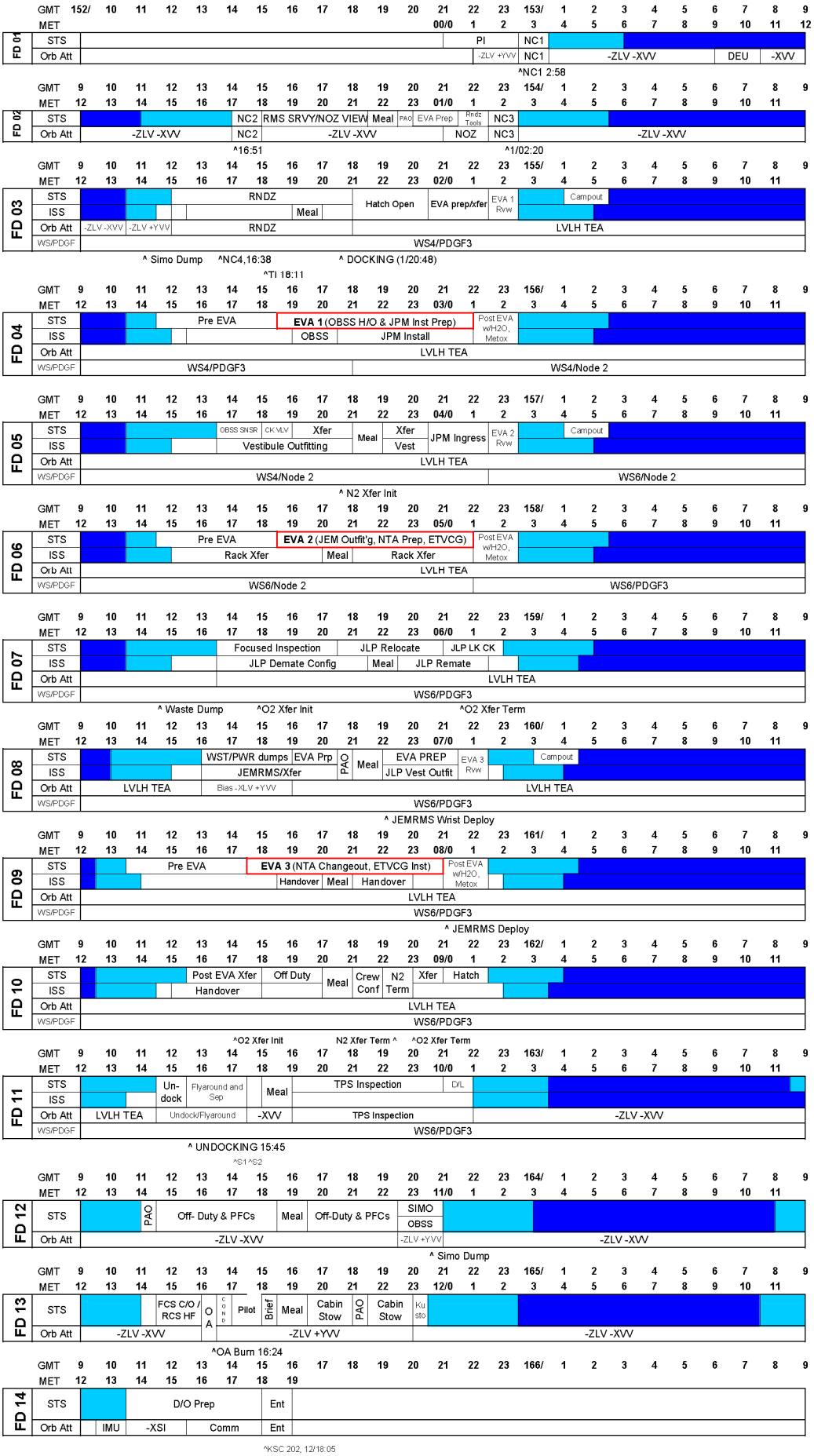
STS-124/1J Overview Timeline 13+2+2 (3 EVAs), May 31st Launch



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SUMMARY TIMELINE AND ISS SHORT TERM PLAN

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GMT 05/31/08 (152): 22 | 23 | 06/01 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09

MET Day 000: 000/00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12

FD01

STS-124

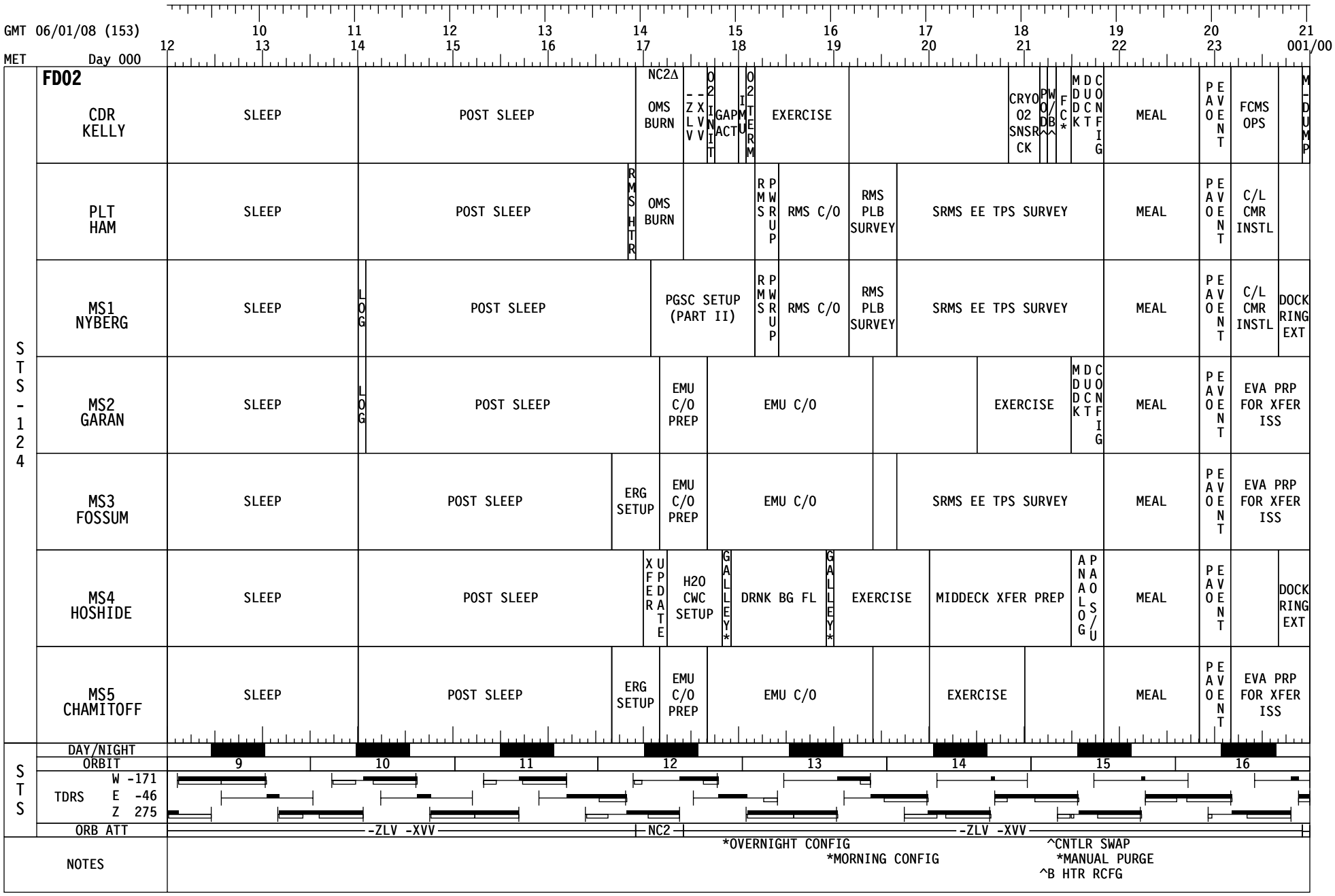
Crew	Activities
CDR KELLY	ASCENT; POST INSERTION; NC1Δ; OMS BURN; -ZLV; -XVV; GRPB; PWRDN; IMU; AFT C/O; ELV PRK; PRE SLEEP; PMC A/G; PRE SLEEP; SLEEP; MNVR
PLT HAM	ASCENT; POST INSERTION; OMS BURN; BLEED; GRPB; PWRDN; APCU; ACT; LOAD DAPS; APU^; PRE SLEEP; SLEEP
MS1 NYBERG	ASCENT; POST INSERTION; RMS*; MRL^; MCIU; PGSC SETUP (PART I); WLES S/U; WATCH*; PRE SLEEP; SLEEP
MS2 GARAN	ASCENT; POST INSERTION; PGSC SETUP (PART I); UMB WELL D/L; WATCH*; PRE SLEEP; SLEEP
MS3 FOSSUM	ASCENT; POST INSERTION; OCAC; SETUP; P/TV01 VIDEO SETUP; ETPHOTO; ETHH; VIDEO; D/L; PRE SLEEP; SLEEP
MS4 HOSHIDE	ASCENT; POST INSERTION; P/TV01 VIDEO SETUP; PRE SLEEP; SLEEP
MS5 CHAMITOFF	ASCENT; POST INSERTION; GIRA INSTALL; SEE SETUP; PRE SLEEP; WATCH*; PRE SLEEP; SLEEP

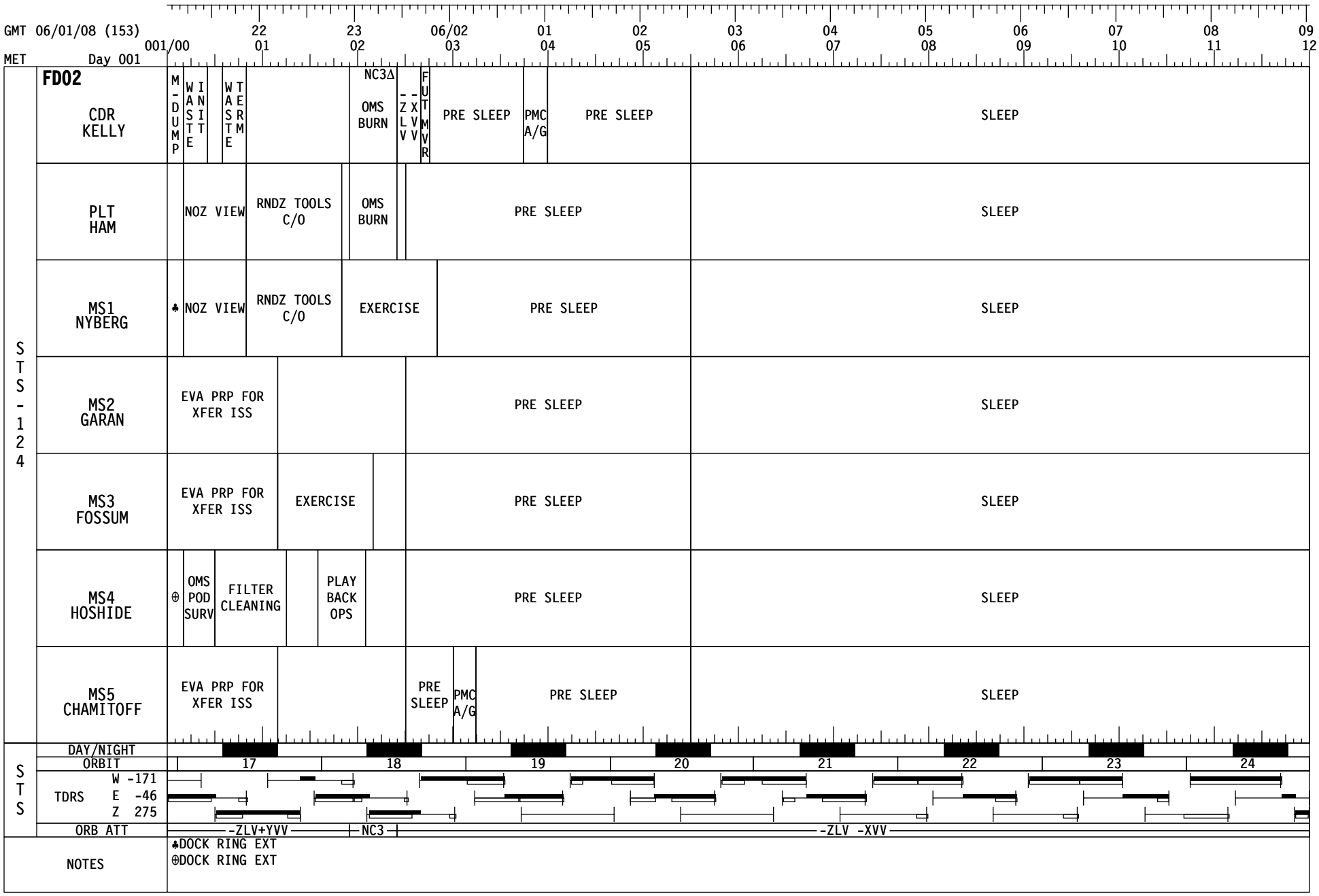
ASSUMPTIONS:

1. SSRMS Pre-launch C/O @ L-48hrs (MT @ WS#4 with SSRMS in Pre-Handoff Position)
2. ISS SAFER C/Os completed.
3. ISS EMUs temp stowed in Node.
4. MTL & LTL ITCS sample complete.
5. CBCS installed on Node 2 Port Hatch to prepare for JPM INSTL.
6. SSRMS C/O completed.

STS

DAY/NIGHT	
ORBIT	2, 3, 4, 5, 6, 7, 8
TDRS	W -171, E -46, Z 275
ORB ATT	ASC; OMS2; -ZLV +YVV; NC1; -ZLV -XVV; INRTL MNVR; -ZLV -XVV
NOTES	*ON-ORBIT INIT; ^STBD RLS; ^RECONFIG; *DON


GMT 06/01/08 (153)
MET Day 000
12 10 13 11 14 12 15 13 16 14 17 15 18 16 19 17 20 18 21 19 22 20 23 21 001/00
FD02
STS-124
CDR KELLY
SLEEP
POST SLEEP
NC2Δ OMS BURN
-ZLV -XVV
O2 INIT
GAP ACT
IMU
O2 TERM
EXERCISE
CRYO O2 SNSR CK
PO/DB^
FC*
MDDK DUCT CONFIG
MEAL
PAO EVENT
FCMS OPS
M-DUMP
PLT HAM
SLEEP
POST SLEEP
RMS HTR
OMS BURN
RMS PWR UP
RMS C/O
RMS PLB SURVEY
SRMS EE TPS SURVEY
MEAL
PAO EVENT
C/L CMR INSTL
MS1 NYBERG
SLEEP
LOG
POST SLEEP
PGSC SETUP (PART II)
RMS PWR UP
RMS C/O
RMS PLB SURVEY
SRMS EE TPS SURVEY
MEAL
PAO EVENT
C/L CMR INSTL
DOCK RING EXT
MS2 GARAN
SLEEP
LOG
POST SLEEP
EMU C/O PREP
EMU C/O
EXERCISE
MDDK DUCT CONFIG
MEAL
PAO EVENT
EVA PRP FOR XFER ISS
MS3 FOSSUM
SLEEP
POST SLEEP
ERG SETUP
EMU C/O PREP
EMU C/O
SRMS EE TPS SURVEY
MEAL
PAO EVENT
EVA PRP FOR XFER ISS
MS4 HOSHIDE
SLEEP
POST SLEEP
XFER UPDATE
H2O CWC SETUP
GALLEY*
DRNK BG FL
GALLEY*
EXERCISE
MIDDECK XFER PREP
ANALOG PAO S/U
MEAL
PAO EVENT
DOCK RING EXT
MS5 CHAMITOFF
SLEEP
POST SLEEP
ERG SETUP
EMU C/O PREP
EMU C/O
EXERCISE
MEAL
PAO EVENT
EVA PRP FOR XFER ISS
STS
DAY/NIGHT
ORBIT
9 10 11 12 13 14 15 16
TDRS W -171 E -46 Z 275
ORB ATT
-ZLV -XVV
NC2
-ZLV -XVV
NOTES
*OVERNIGHT CONFIG
*MORNING CONFIG
^CNTLR SWAP
*MANUAL PURGE
^B HTR RCFG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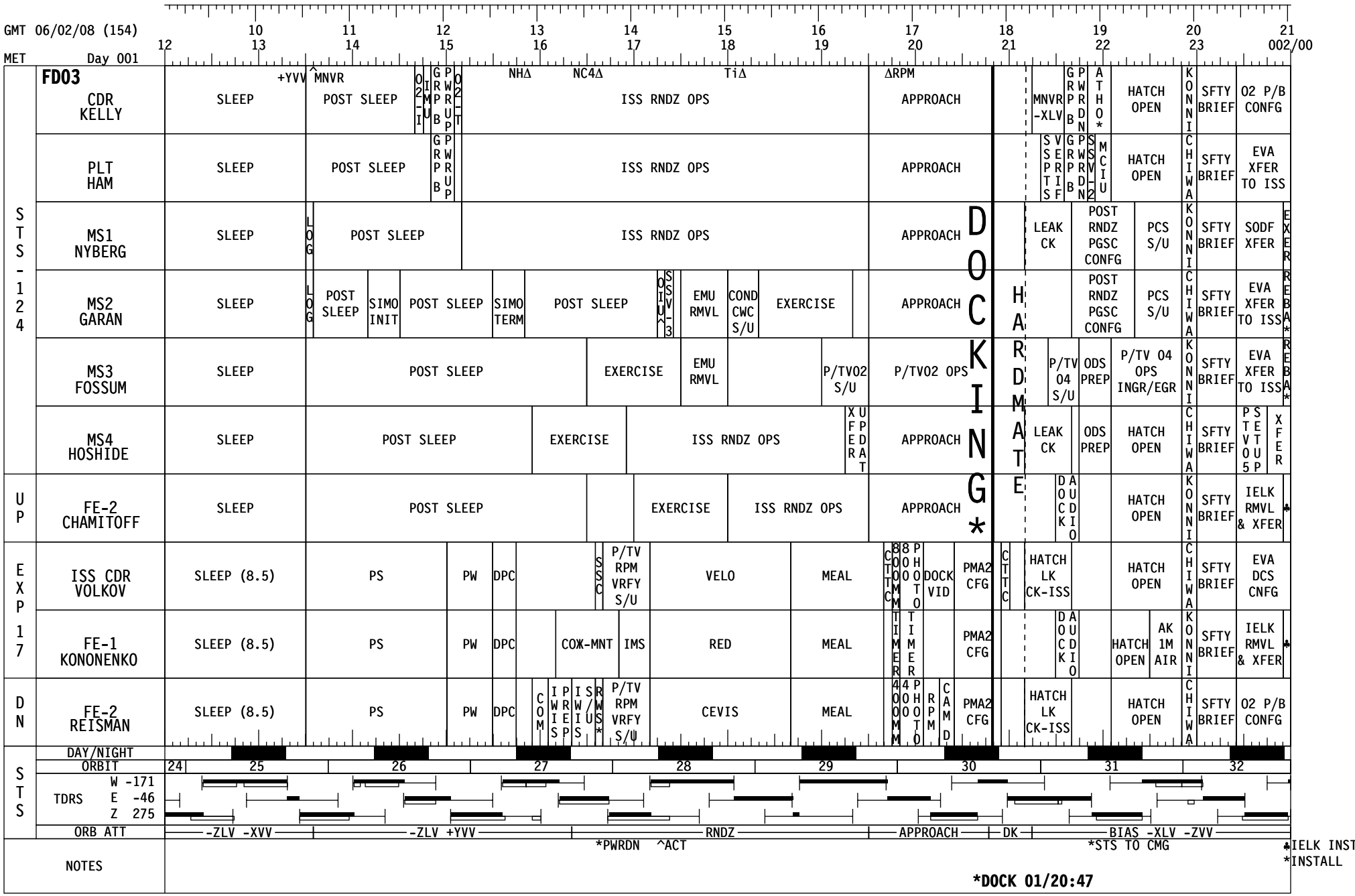
22 23 06/02 01 02 03 04 05 06 07 08 09
001/00 01 02 03 04 05 06 07 08 09 10 11 12
MET Day 001
FD02
STS-124
CDR KELLY
M-DUMP
WASTE INIT
WASTE TERM
NC3Δ
OMS BURN
-ZLV
-XVV
FUT MVR
PRE SLEEP
PMC A/G
PRE SLEEP
SLEEP
PLT HAM
NOZ VIEW
RNDZ TOOLS C/O
OMS BURN
PRE SLEEP
SLEEP
MS1 NYBERG
♣
NOZ VIEW
RNDZ TOOLS C/O
EXERCISE
PRE SLEEP
SLEEP
MS2 GARAN
EVA PRP FOR XFER ISS
PRE SLEEP
SLEEP
MS3 FOSSUM
EVA PRP FOR XFER ISS
EXERCISE
PRE SLEEP
SLEEP
MS4 HOSHIDE
⊕
OMS POD SURV
FILTER CLEANING
PLAY BACK OPS
PRE SLEEP
SLEEP
MS5 CHAMITOFF
EVA PRP FOR XFER ISS
PRE SLEEP
PMC A/G
PRE SLEEP
SLEEP
STS
DAY/NIGHT
ORBIT
17 18 19 20 21 22 23 24
TDRS
W -171
E -46
Z 275
ORB ATT
-ZLV+YVV
NC3
-ZLV -XVV
NOTES
♣DOCK RING EXT
⊕DOCK RING EXT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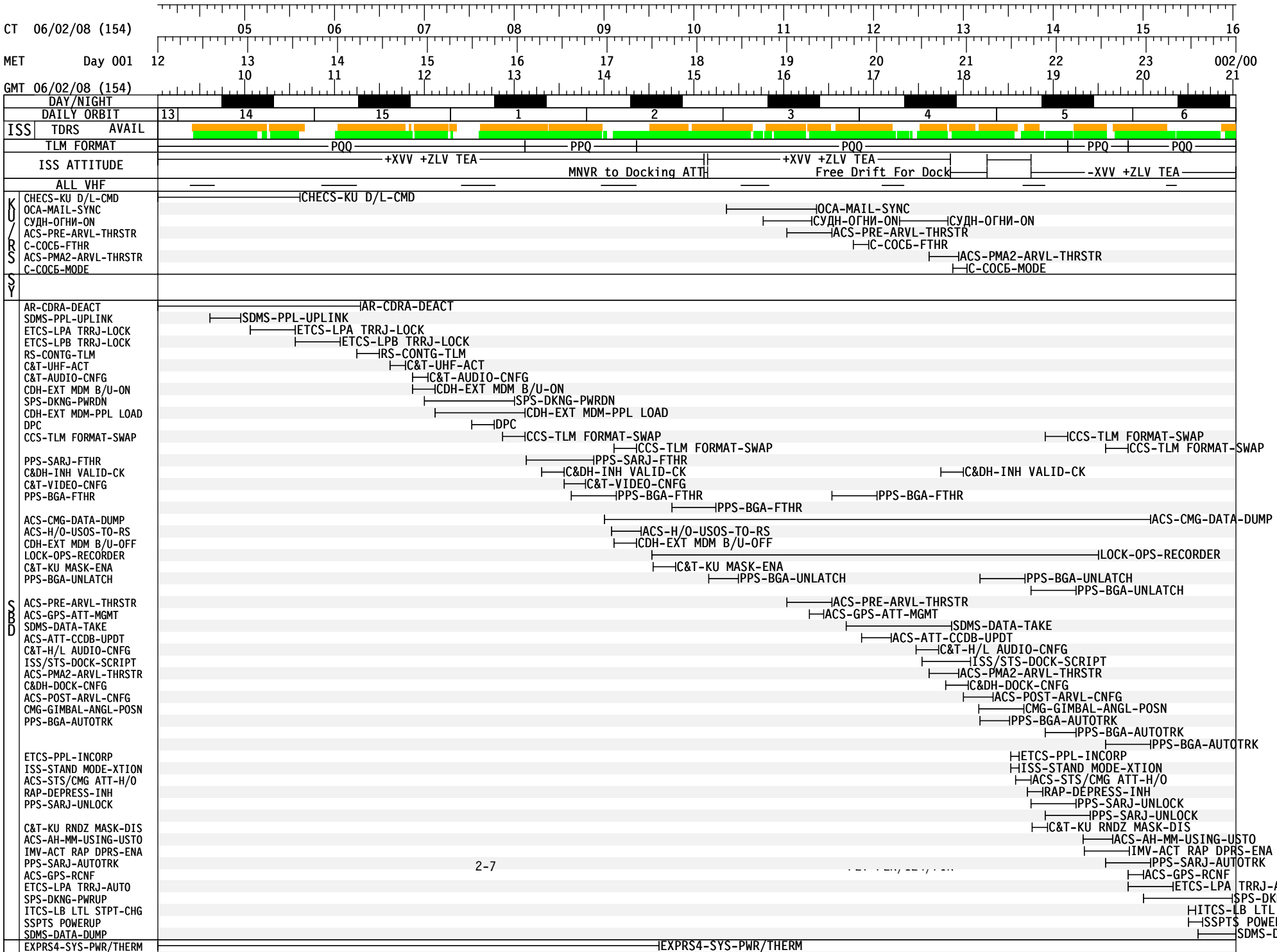
MET Day 001
FD03
STS-124
CDR KELLY
SLEEP
+YVV ^MNVR
POST SLEEP
O2-I
IMU
GRPB
PWRUP
O2-T
NHΔ NC4Δ TiΔ
ISS RNDZ OPS
ΔRPM
APPROACH
MNVR -XLV
GRPB
PWRDN
ATHO*
HATCH OPEN
KONNI
SFTY BRIEF
O2 P/B CONFG
PLT HAM
SLEEP
POST SLEEP
GRPB
PWRUP
ISS RNDZ OPS
APPROACH
SVERTIS
GRPB
PWRDN
SSV-2
MCIU
HATCH OPEN
CHIWA
SFTY BRIEF
EVA XFER TO ISS
MS1 NYBERG
SLEEP
LOG
POST SLEEP
ISS RNDZ OPS
APPROACH
DOCKING*
LEAK CK
POST RNDZ PGSC CONFG
PCS S/U
KONNI
SFTY BRIEF
SODF XFER
EXER
MS2 GARAN
SLEEP
LOG
POST SLEEP
SIMO INIT
POST SLEEP
SIMO TERM
POST SLEEP
OIU^
SSV-3
EMU RMVL
COND CWC S/U
EXERCISE
APPROACH
HARDMATE
POST RNDZ PGSC CONFG
PCS S/U
CHIWA
SFTY BRIEF
EVA XFER TO ISS
REBA*
MS3 FOSSUM
SLEEP
POST SLEEP
EXERCISE
EMU RMVL
P/TV02 S/U
P/TV02 OPS
P/TV 04 S/U
ODS PREP
P/TV 04 OPS INGR/EGR
KONNI
SFTY BRIEF
EVA XFER TO ISS
REBA*
MS4 HOSHIDE
SLEEP
POST SLEEP
EXERCISE
ISS RNDZ OPS
XFER UPDAT
APPROACH
LEAK CK
ODS PREP
HATCH OPEN
CHIWA
SFTY BRIEF
PTV05 SETUP
XFER
UP
FE-2 CHAMITOFF
SLEEP
POST SLEEP
EXERCISE
ISS RNDZ OPS
APPROACH
DOCK
AUDIO
HATCH OPEN
KONNI
SFTY BRIEF
IELK RMVL & XFER
♣
EXP 17
ISS CDR VOLKOV
SLEEP (8.5)
PS
PW
DPC
SSC
P/TV RPM VRFY S/U
VELO
MEAL
CTCM
800MM
800PHOTO
DOCK VID
PMA2 CFG
CTC
HATCH LK CK-ISS
HATCH OPEN
CHIWA
SFTY BRIEF
EVA DCS CNFG
FE-1 KONONENKO
SLEEP (8.5)
PS
PW
DPC
COΖ-MNT
IMS
RED
MEAL
TIMER
TIMER
PMA2 CFG
DOCK
AUDIO
HATCH OPEN
AK 1M AIR
KONNI
SFTY BRIEF
IELK RMVL & XFER
♣
DN
FE-2 REISMAN
SLEEP (8.5)
PS
PW
DPC
COM
IWIS
IREP
ISWIU
RWS*
P/TV RPM VRFY S/U
CEVIS
MEAL
400MM
400PHOTO
RPM
CAMD
PMA2 CFG
HATCH LK CK-ISS
HATCH OPEN
CHIWA
SFTY BRIEF
O2 P/B CONFG
STS
DAY/NIGHT
ORBIT
24 25 26 27 28 29 30 31 32
TDRS W -171 E -46 Z 275
ORB ATT
-ZLV -XVV
-ZLV +YVV
RNDZ
APPROACH
DK
BIAS -XLV -ZVV
NOTES
*PWRDN ^ACT
*STS TO CMG
♣IELK INST
*INSTALL
*DOCK 01/20:47

See OSTPV for ISS Activities



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002/00 | 22 01 | 23 02 | 06/03 03 | 01 04 | 02 05 | 03 06 | 04 07 | 05 08 | 06 09 | 07 10 | 08 11 | 09 12

FD03

STS-124	CDR KELLY	O2 P/B CONFG	EXERCISE			EVA 1 PROC REVIEW	BLEED	PRE SLEEP			PMC A/G	MASK PB/TOOL CONFG		PRE SLEEP	SLEEP									
STS-124	PLT HAM	EVA XFER TO ISS			OPCU@	EVA 1 PROC REVIEW	EXERCISE			PRE SLEEP					SLEEP									
STS-124	MS1 NYBERG	EXER		MDDK XFER		EVA 1 PROC REVIEW	IWIS ACCEL INSTL		PRE SLEEP						SLEEP									
STS-124	MS2 GARAN	REBA*	REBA C/O	E_LK PREP		EVA 1 PROC REVIEW	PRE SLEEP					MASK PB/TOOL CONFG		PRE SLEEP	SLEEP									
STS-124	MS3 FOSSUM	REBA*	REBA C/O	E_LK PREP		EVA 1 PROC REVIEW	PRE SLEEP					MASK PB/TOOL CONFG		PRE SLEEP	SLEEP									
STS-124	MS4 HOSHIDE	XFER	POLY SBK	MDDK XFER		EVA 1 PROC REVIEW	XFER	TAGUP	XFER	BREF	PRE SLEEP				SLEEP									
UP	FE-2 CHAMITOFF	IELK INST & C/O				EVA 1 PROC REVIEW	PS		DPC	PMC	PS	MASK PB/TOOL CONFG		PS	SLEEP (8.5)									
EXP 17	ISS CDR VOLKOV	EVA DCS CNFG		PW		EVA 1 PROC REVIEW	EXERU	CVI	PW	DPC	PS				SLEEP (8.5)									
EXP 17	FE-1 KONONENKO	IELK INST & C/O				EVA 1 PROC REVIEW	ROPS		PW	DPC	PS				SLEEP (8.5)									
DN	FE-2 REISMAN	O2 P/B CONFG	SLVA	RED		EVA 1 PROC REVIEW	BATT		PW	DPC	PS				SLEEP (8.5)									

10.2 DPRS — ISS A/L Campout @ 10.2 psi

STS — DAY/NIGHT

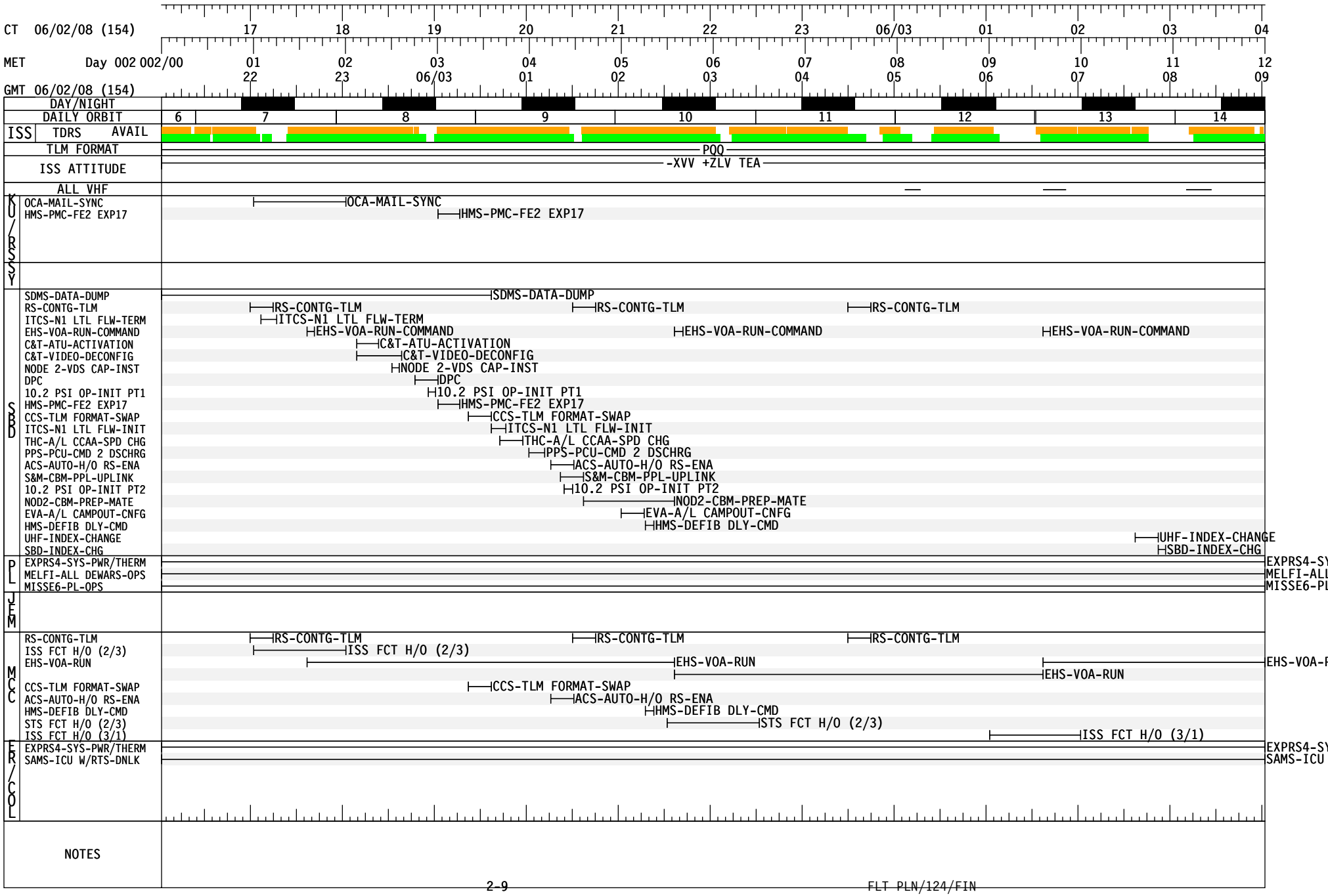
STS — ORBIT: 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40

STS — TDRS: W -171, E -46, Z 275

STS — ORB ATT: BIAS -XLV -ZVV

NOTES: *INSTALL @ACT

See OSTPV for ISS Activities



NO EXERCISE
[FROM SRMS GRAPPLE TO SSRMS UNGRAPPLE]

GMT 06/03/08 (155) — 12 10 13 11 14 12 15 13 16 14 17 15 18 16 19 17 20 18 21 19 22 20 23 21 003/00

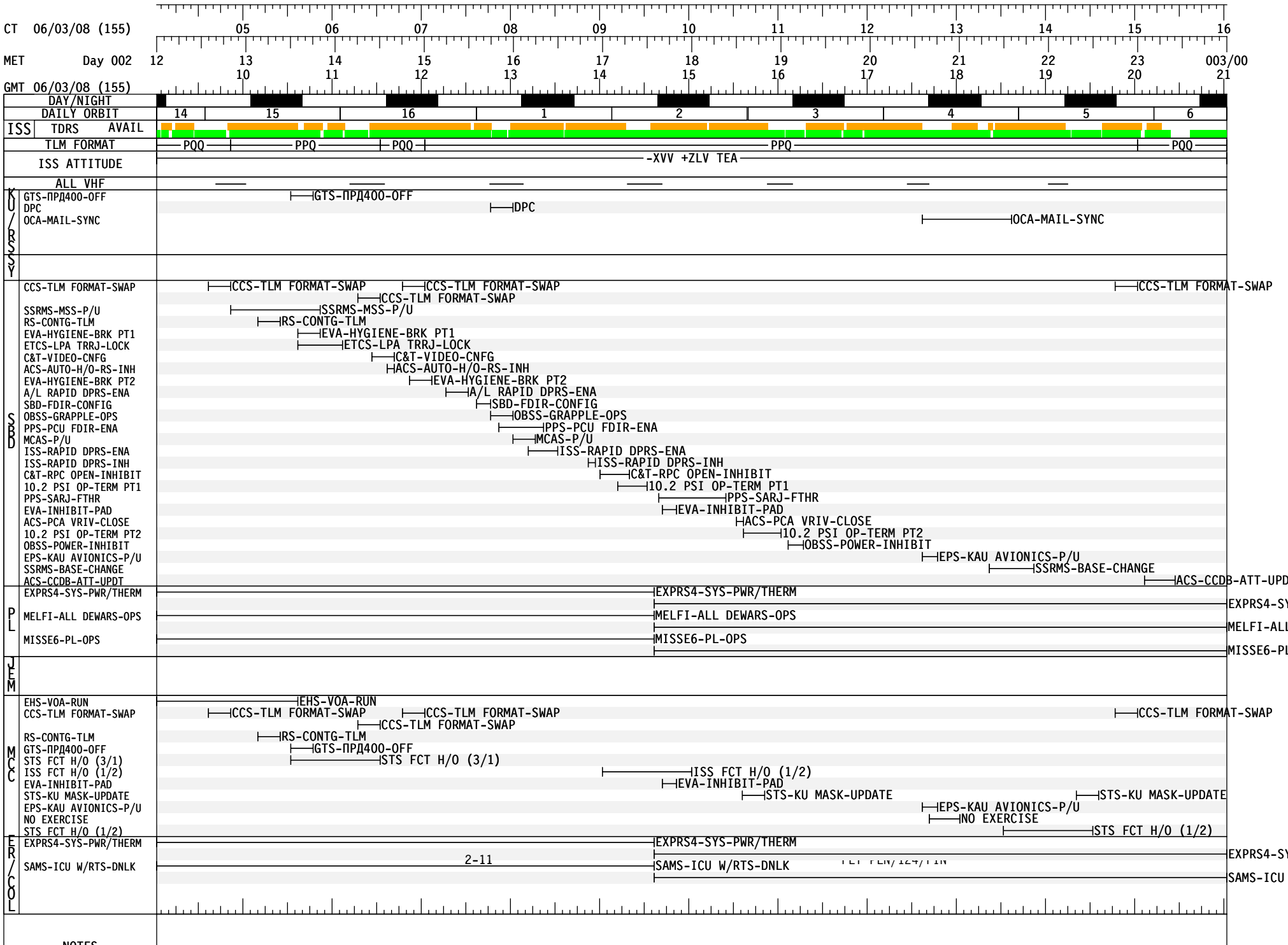
MET Day 002

STS-124	**FD04** CDR KELLY	SLEEP; POST SLEEP; PMC A/G; POST SLEEP; HYG BRK/ HATCH CLS; CAMPOUT EVA PREP; EMU PURGE; EMU PRE BREATHE; C/L DPRS; P-DPR; P/TV 07 EVA OPS; MEAL; P/TV07 EVA OPS; PRLA*; P/TV 07 EVA OPS
STS-124	**IV** PLT HAM	SLEEP; POST SLEEP; CWC INIT1; POST SLEEP; INHBT PAD; CTWCRM; CXFER; SRMS*; IMU; MCIU; P/TV 07 S/U; GTAP RM; P-DPR; IVA SUPPORT; PRLA*; IVA SUP PORT
STS-124	MS1 NYBERG	SLEEP; POST SLEEP; SSRMS MNVR OBSS GRPL; POST SLEEP; SRMS*; EXERCISE; ELBOW CAM STRAP RMVL; CMRA SPRT FOR SSRMS; GRPL; CMRA SPRT FOR SSRMS; EVA 1; JPM VIEW; 6:30; PDGF3; RELS; MNVR JPM PGRPL; JPM GRPL; JPM UN BERTH
STS-124	**EV2** MS2 GARAN	SLEEP; POST SLEEP; HYG BRK/ PREBREATHE (14.7 RPRS, 10.2 DPRS); CAMPOUT EVA PREP; EMU PURGE; EMU PRE BREATHE; C/L DPRS; P-DPR; EVA EGRS/ SETUP; BOOM XFER TO SHUTTLE; JPM PREP; S3/S4 SARJ TBA INSTL
STS-124	**EV1** MS3 FOSSUM	SLEEP; POST SLEEP; HYG BRK/ PREBREATHE; CAMPOUT EVA PREP; EMU PURGE; EMU PRE BREATHE; C/L DPRS; P-DPR; EVA EGRS/ SETUP; ELB CAM RLS; OPN ND2 WND CVR; MCAS; BOOM XFER; JPM PREP; RLS PM WNDW LL; S3/S4 SARJ DAT INSPC; S3/S4 SARJ CLEAN DTO
STS-124	MS4 HOSHIDE	SLEEP; POST SLEEP; SSRMS MNVR OBSS GRPL; POST SLEEP; CBCS^; JPM LK CK S/U; EXERCISE; CMRA SPRT FOR SRMS; OBSS UNBRTH & H/O; UNGPL; MNVR N2 PGRPL; NOD2 GRPL; BASEΔ CMRA SPRT FOR SRMS; PDGF3; RELS; MNVR JPM PGRPL; JPM GRPL; JPM UN BERTH
DN	FE-2 REISMAN	SLEEP (8.5); PS; HYG BRK/ HATCH CLS; CAMPOUT EVA PREP; EMU PURGE; EMU PRE BREATHE; C/L DPRS; MEAL; CSA-CP ACT&C/O; CWC; TVIS; RED
EXP 17	ISS CDR VOLKOV	SLEEP (8.5); PS; PW; DPC; VELO + RED; RS OPS; MEAL; COX-MNT; TVIS
EXP 17	FE-1 KONONENKO	SLEEP (8.5); PS; HAM; PW; DPC; RS OPS; TVIS; VELO + RED; ♣; MEAL; RS OPS; SOKOL LK CK; BASEΔ SOKL DRY; RS OPS; GLOVE; ⊕
UP	FE-2 CHAMITOFF	SLEEP (8.5); SLVA; PS; HYG BRK/ HATCH CLS; CAMPOUT EVA PREP; EMU PURGE; EMU PRE BREATHE; C/L DPRS; MEAL; OBSS UNBRTH & H/O; ADAPT; UNGPL; MNVR N2 PGRPL; NOD2 GRPL; SOKOL LK CK; ADAPT

STS: ORBIT 40 41 42 43 44 45 46 47 48; DAY/NIGHT; TDRS W -171, E -46, Z 275; ORB ATT BIAS -XLV -ZVV

NOTES: *ELBOW CAM MNVR; ^PWRUP; ♣RSU CNCT; ⊕SOKOL CLS; *Release

See OSTPV for ISS Activities



NOTES

NO EXERCISE
[FROM MNVR TO INSTALL UNTIL A-BOLTS COMPLETE]

GMT 06/03/08 (155) 22 23 06/04 01 02 03 04 05 06 07 08 09
MET Day 003 003/00 01 02 03 04 05 06 07 08 09 10 11 12

STS-124	**FD04** CDR KELLY	P/TV 07 EVA OPS; PRE-PRPR; REPRS; POST EVA W/H2O; BSA INIT; IL ON; PRE SLEEP; PMC A/G; PRE SLEEP; SLEEP
STS-124	**IV** PLT HAM	IVA SUP PORT; PRE-PRPR; REPRS; MNVR; UPDAT; EXERCISE; PRE SLEEP; SLEEP
STS-124	MS1 NYBERG	MNVR PRE INSTL; JPM; INSTL; LIMP; BRAKE; PRE SLEEP; HATCH; JPM VEST PRESS LK CK; PRE SLEEP; SLEEP; **ISS EXTERNAL SURVEY**
STS-124	**EV2** MS2 GARAN	♣; GET AHEAD; CLNUP /INGR; PRE-PRPR; REPRS; POST EVA W/H2O; PRE SLEEP; SLEEP
STS-124	**EV1** MS3 FOSSUM	⊕; GET AHEAD; CLNUP /INGR; PRE-PRPR; REPRS; POST EVA W/H2O; PRE SLEEP; SLEEP
STS-124	MS4 HOSHIDE	MNVR PRE INSTL; VERFY; JPM; INSTL; 1ST STG CAP; LIMP; 2ND STG CAP; BRAKE; CBCS DEACT & RMVL; PRE SLEEP; SLEEP
DN	FE-2 REISMAN	GLOVE; PW; 1ST STG CAP; 2ND STG CAP; PS; EVA*; DPC; PS; JPM VEST PRESS LK CK; PS; FN LK CK; PS; SLEEP (8.5)
EXP 17	ISS CDR VOLKOV	TVIS; EXER; PW; POST EVA W/H2O; PW; DPC; PS; SLEEP (8.5)
EXP 17	FE-1 KONONENKO	♦; IMS; PW; IWIS; DATA; PS; DPC; PS; ®; SLEEP (8.5)
UP	FE-2 CHAMITOFF	ADAPT; GLOVE; ADAPT; PW; POST EVA W/H2O; PW; PS; DPC; PMC; PS; SLEEP (8.5)

STS — ORBIT: 48 49 50 51 52 53 54 55 56

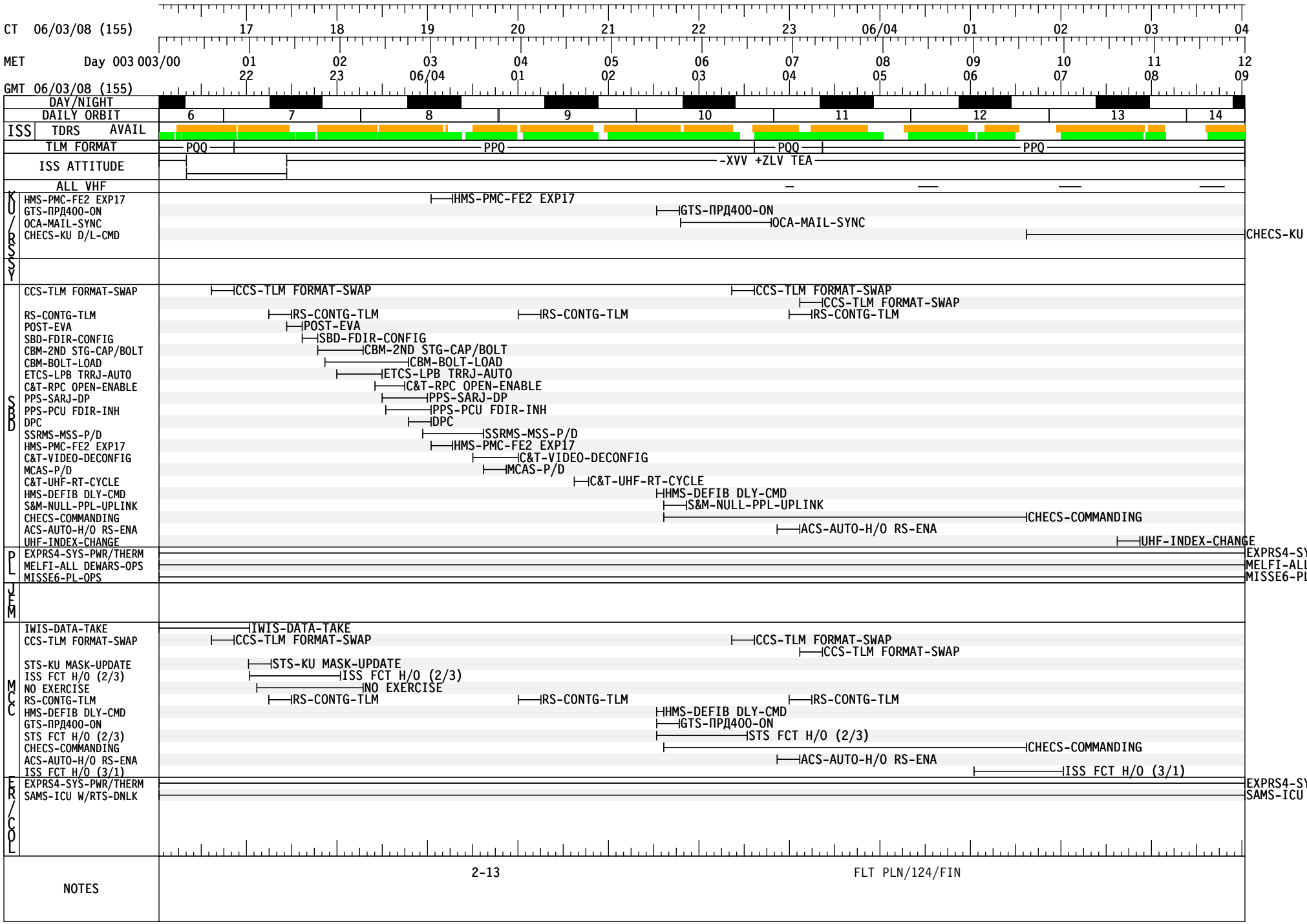
STS — DAY/NIGHT

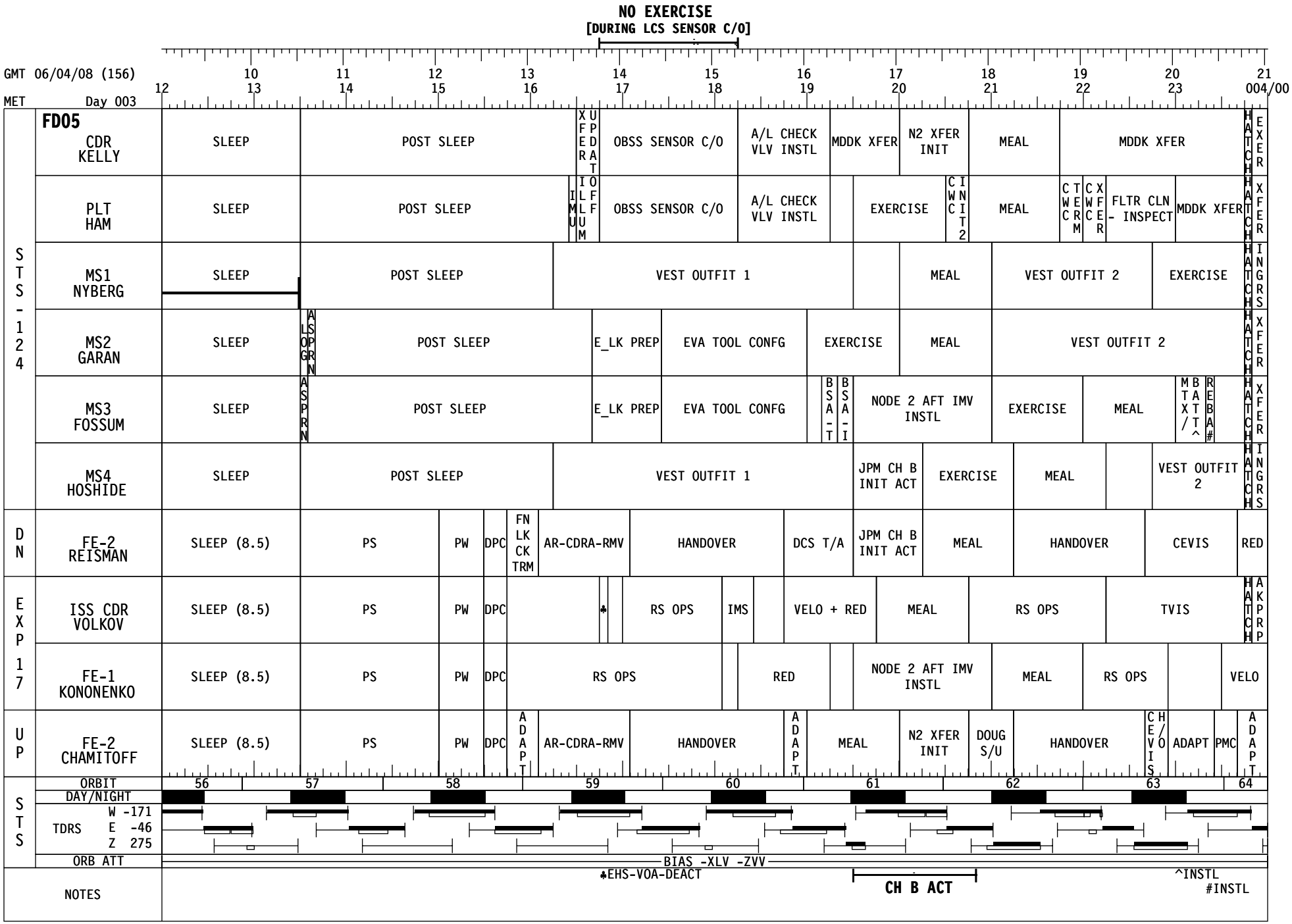
STS — TDRS: W -171; E -46; Z 275

STS — ORB ATT: BIAS -XLV -ZVV

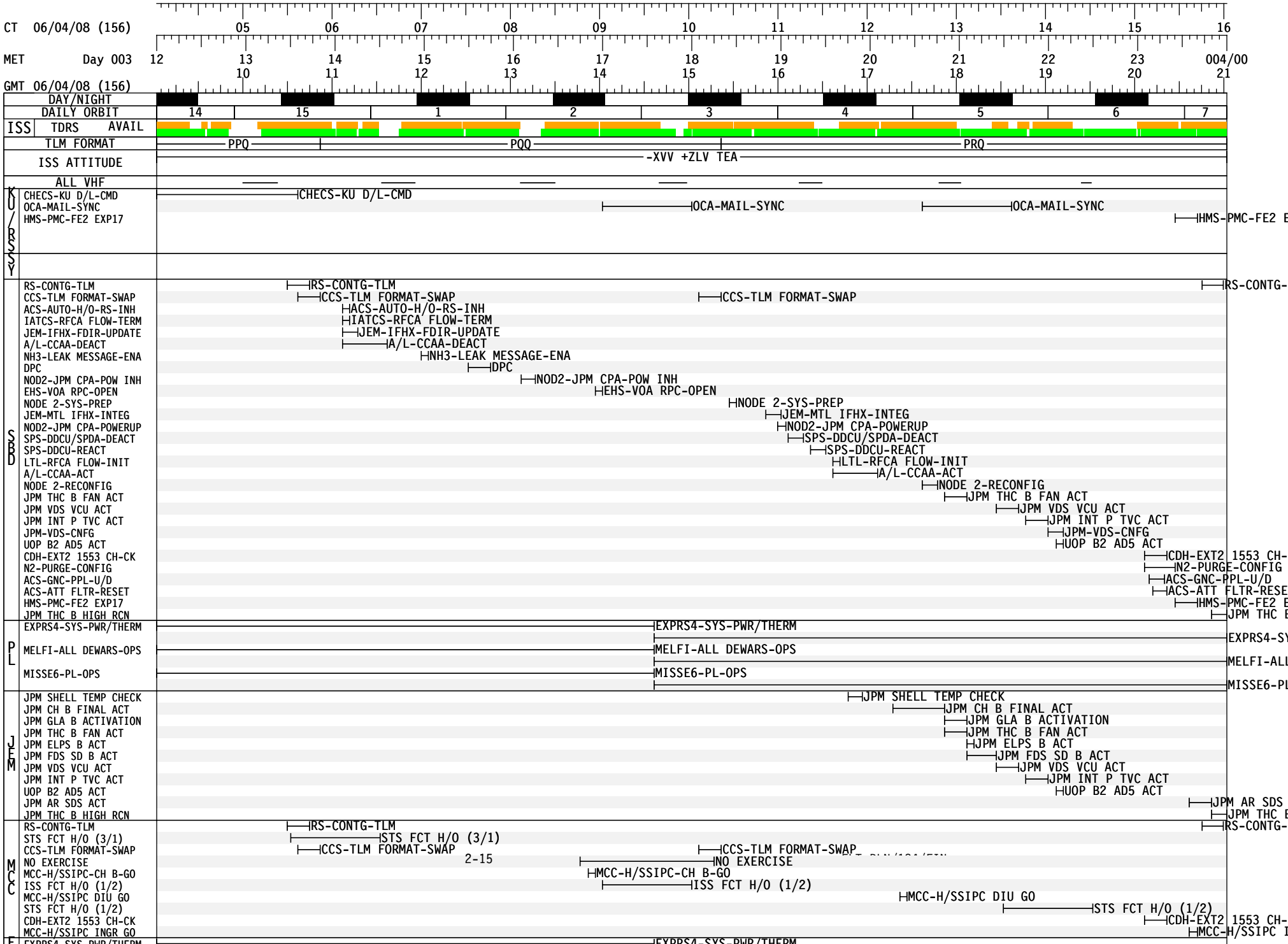
NOTES
♣S3/S4 SARJ TBA INSTL
⊕S3/S4 SARJ CLEAN DTO
♦SOKOL CLS
*D/L
®RSU ACCL

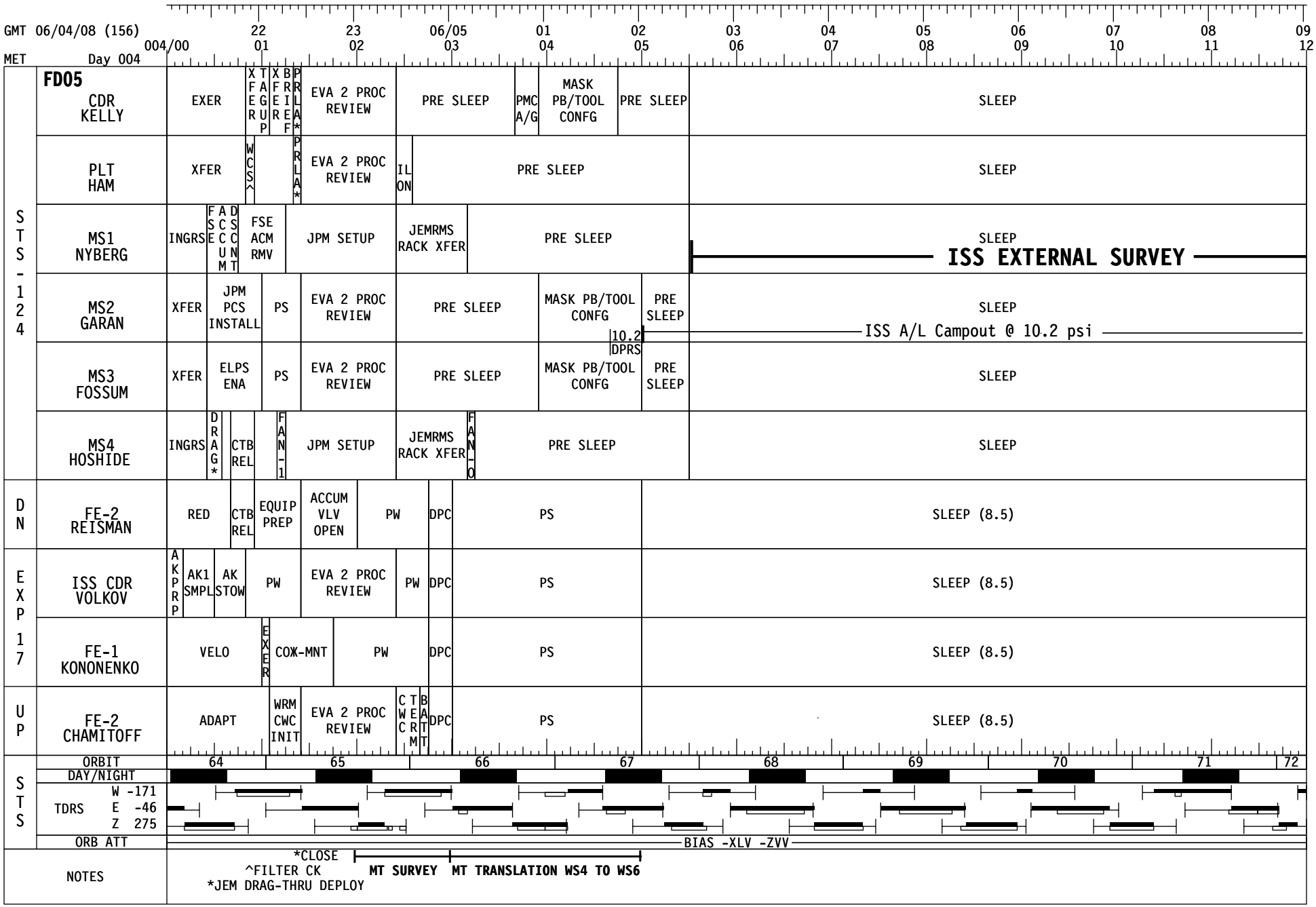
See OSTPV for ISS Activities



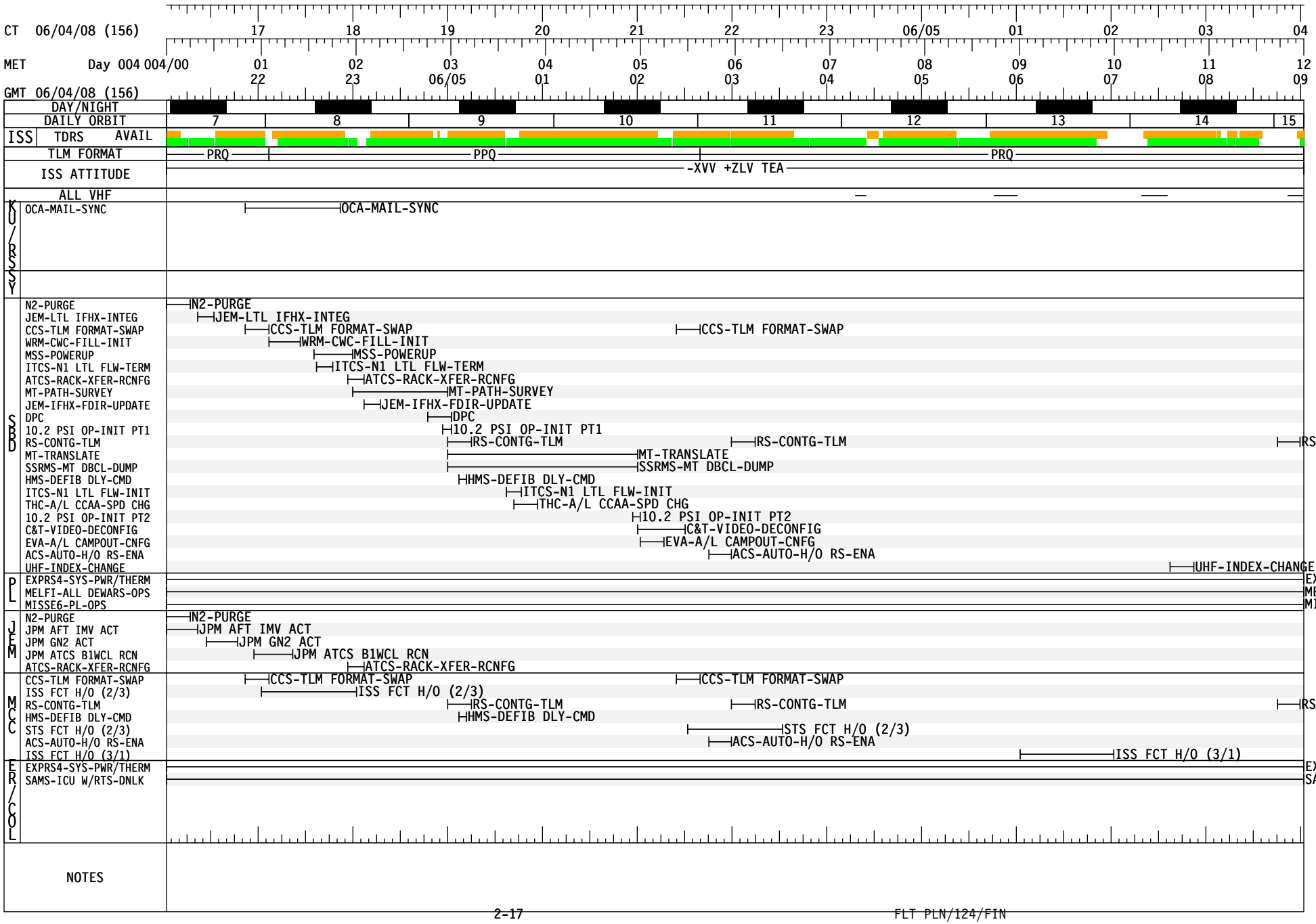

NO EXERCISE
[DURING LCS SENSOR C/O]
GMT 06/04/08 (156)
MET Day 003
12 10 13 11 14 12 15 13 16 14 17 15 18 16 19 17 20 18 21 19 22 20 23 21 004/00
FD05
STS-124
CDR KELLY
SLEEP
POST SLEEP
XFER
UPDAT
OBSS SENSOR C/O
A/L CHECK VLV INSTL
MDDK XFER
N2 XFER INIT
MEAL
MDDK XFER
HATCH
EXER
PLT HAM
SLEEP
POST SLEEP
IMU
ILLUM
OFF
OBSS SENSOR C/O
A/L CHECK VLV INSTL
EXERCISE
CWC
INIT 2
MEAL
CWC
TERM
CWC
XFER
FLTR CLN - INSPECT
MDDK XFER
HATCH
XFER
MS1 NYBERG
SLEEP
POST SLEEP
VEST OUTFIT 1
MEAL
VEST OUTFIT 2
EXERCISE
HATCH
INGRS
MS2 GARAN
SLEEP
LOGN
ASPRN
POST SLEEP
E_LK PREP
EVA TOOL CONFG
EXERCISE
MEAL
VEST OUTFIT 2
HATCH
XFER
MS3 FOSSUM
SLEEP
ASPRN
POST SLEEP
E_LK PREP
EVA TOOL CONFG
BSA-T
BSA-I
NODE 2 AFT IMV INSTL
EXERCISE
MEAL
MTX/BATT^
REBA#
HATCH
XFER
MS4 HOSHIDE
SLEEP
POST SLEEP
VEST OUTFIT 1
JPM CH B INIT ACT
EXERCISE
MEAL
VEST OUTFIT 2
HATCH
INGRS
DN
FE-2 REISMAN
SLEEP (8.5)
PS
PW
DPC
FN LK CK TRM
AR-CDRA-RMV
HANDOVER
DCS T/A
JPM CH B INIT ACT
MEAL
HANDOVER
CEVIS
RED
EXP 17
ISS CDR VOLKOV
SLEEP (8.5)
PS
PW
DPC
♣
RS OPS
IMS
VELO + RED
MEAL
RS OPS
TVIS
HATCH
AKPRP
FE-1 KONONENKO
SLEEP (8.5)
PS
PW
DPC
RS OPS
RED
NODE 2 AFT IMV INSTL
MEAL
RS OPS
VELO
UP
FE-2 CHAMITOFF
SLEEP (8.5)
PS
PW
DPC
ADAPT
AR-CDRA-RMV
HANDOVER
ADAPT
MEAL
N2 XFER INIT
DOUG S/U
HANDOVER
CEVIS
CH/O
ADAPT
PMC
ADAPT
STS
ORBIT
56 57 58 59 60 61 62 63 64
DAY/NIGHT
TDRS
W -171
E -46
Z 275
ORB ATT
BIAS -XLV -ZVV
NOTES
♣EHS-VOA-DEACT
CH B ACT
^INSTL
#INSTL

See OSTPV for ISS Activities




GMT 06/04/08 (156)
22 23 06/05 01 02 03 04 05 06 07 08 09
004/00 01 02 03 04 05 06 07 08 09 10 11 12
MET Day 004
FD05
STS-124
CDR KELLY
EXER
XFER
TAGUP
XFER
BRIEF
PRLA*
EVA 2 PROC REVIEW
PRE SLEEP
PMC A/G
MASK PB/TOOL CONFG
PRE SLEEP
SLEEP
PLT HAM
XFER
WCS^
PRLA*
EVA 2 PROC REVIEW
ILON
PRE SLEEP
SLEEP
MS1 NYBERG
INGRS
FSE
ACCUM
DSCNT
FSE ACM RMV
JPM SETUP
JEMRMS RACK XFER
PRE SLEEP
SLEEP
ISS EXTERNAL SURVEY
MS2 GARAN
XFER
JPM PCS INSTALL
PS
EVA 2 PROC REVIEW
PRE SLEEP
MASK PB/TOOL CONFG
10.2 DPRS
PRE SLEEP
SLEEP
ISS A/L Campout @ 10.2 psi
MS3 FOSSUM
XFER
ELPS ENA
PS
EVA 2 PROC REVIEW
PRE SLEEP
MASK PB/TOOL CONFG
PRE SLEEP
SLEEP
MS4 HOSHIDE
INGRS
DRAG*
CTB REL
FAN-1
JPM SETUP
JEMRMS RACK XFER
FAN-0
PRE SLEEP
SLEEP
DN
FE-2 REISMAN
RED
CTB REL
EQUIP PREP
ACCUM VLV OPEN
PW
DPC
PS
SLEEP (8.5)
EXP 17
ISS CDR VOLKOV
AKPRP
AK1 SMPL
AK STOW
PW
EVA 2 PROC REVIEW
PW
DPC
PS
SLEEP (8.5)
FE-1 KONONENKO
VELO
EXER
COX-MNT
PW
DPC
PS
SLEEP (8.5)
UP
FE-2 CHAMITOFF
ADAPT
WRM CWC INIT
EVA 2 PROC REVIEW
CWC
TERM
BATT
DPC
PS
SLEEP (8.5)
STS
ORBIT
64 65 66 67 68 69 70 71 72
DAY/NIGHT
TDRS
W -171
E -46
Z 275
ORB ATT
BIAS -XLV -ZVV
NOTES
*CLOSE
^FILTER CK
*JEM DRAG-THRU DEPLOY
MT SURVEY
MT TRANSLATION WS4 TO WS6

See OSTPV for ISS Activities



GMT 06/05/08 (157) — MET Day 004

12 13 14 15 16 17 18 19 20 21 22 23 005/00

STS-124	FD06 CDR KELLY	SLEEP; POST SLEEP; PMC A/G; POST SLEEP; HYG BRK/ HATCH CLS; CAMPOUT EVA PREP; EMU PURGE; EMU PRE BREATHE; C/L DPRS; P-DPR; DUMMY PANEL H; COND C/O; CWC INIT 3; MEAL; CTWC TERM; CWC XFER; BSA-T; PWR1-I; P/TV07 EVA OPS; PWR12-T; PWR12-I; P/TV07 EVA OPS; PWR2-T; PXFER; P/TV07 EVA OPS
	IV PLT HAM	SLEEP; POST SLEEP; ILLUM OFF; IMU; DMS1 XFER; INHBT PAD; MCIU; P/TV 07 S/U; P-DPR; IVA SUPPORT
	MS1 NYBERG	SLEEP; LOG; POST SLEEP; EXERCISE; JRMS CWCO; WS XFER; AMIA INSTL; MEAL; ICS XFER; EVA 2 6:30; RYUTAI XFER; SRMS MNVR^; JLP EGRS
	EV2 MS2 GARAN	SLEEP; POST SLEEP; HYG BRK/ PREBREATHE (14.7 RPRS, 10.2 DPRS); CAMPOUT EVA PREP; EMU PURGE; EMU PRE BREATHE; C/L DPRS; P-DPR; EVA EGRS/ SETUP; INSTL FWD JTVE; RMV RMS CVR & EE MLI; ZEN ACBM PREP; INST TR&KL CVR; PREP ESP3 NTA; CP9 ETVCG RETRV
	EV1 MS3 FOSSUM	SLEEP; POST SLEEP; HYG BRK/ PREBREATHE; CAMPOUT EVA PREP; EMU PURGE; EMU PRE BREATHE; C/L DPRS; P-DPR; EVA EGRS/ SETUP; INSTL AFT JTVE; RMV RMS CVR & EE MLI; ZEN ACBM PREP; INST TR&KL CVR; PREP ESP3 NTA; CP9 ETVCG RETRV
	MS4 HOSHIDE	SLEEP; POST SLEEP; FAN-1; EPS1 XFER; EPS1 UMBIL; HCTL-B RCNFG; HCTL-A RCNFG; EXERCISE; VEST 3 OUTFIT; MEAL; JEMRMS CNSL SETUP; WS C&W C/O; JLP EGRS
DN	FE-2 REISMAN	SLEEP (8.5); SLVA*; PS; PW; JEMRMS UMBIL; DMS1 XFER; DMS1 UMBIL; WS UMBIL; MEAL; MON CVR; SAIBO XFER; JRSR XFER; CEVIS; TVIS
EXP 17	ISS CDR VOLKOV	SLEEP (8.5); PS; DPC; PW; DCSM; HCAM; COX-MNT; EMU PURGE; EMU PRE BREATHE; C/L DPRS; VELO; MEAL; IMS; OCA*; RYUTAI XFER; RS OPS
	FE-1 KONONENKO	SLEEP (8.5); PS; DPC; PW; EPS1 XFER; VELO + RED; WS XFER; DUMMY PANEL H; MEAL; ICS XFER; RS OPS; TVIS; PW
UP	FE-2 CHAMITOFF	SLEEP (8.5); SLVA; PS; HYG BRK/ HATCH CLS; CAMPOUT EVA PREP; EMU PURGE; EMU PRE BREATHE; C/L DPRS; DMLS2; ADAPT; MEAL; GLOVE; SAIBO XFER; JRSR XFER; PW; ♣

STS

ORBIT: 72 73 74 75 76 77 78 79

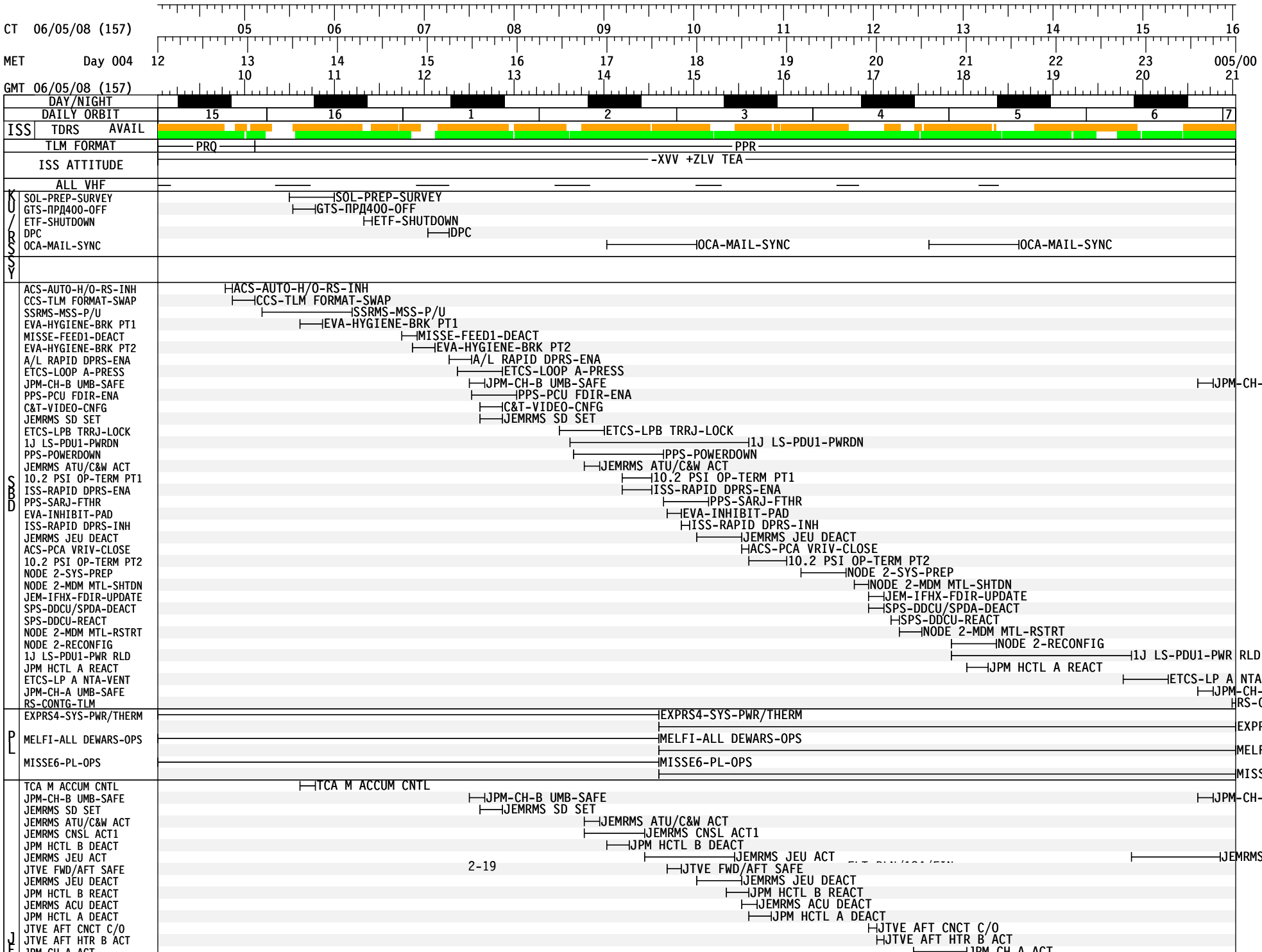
DAY/NIGHT

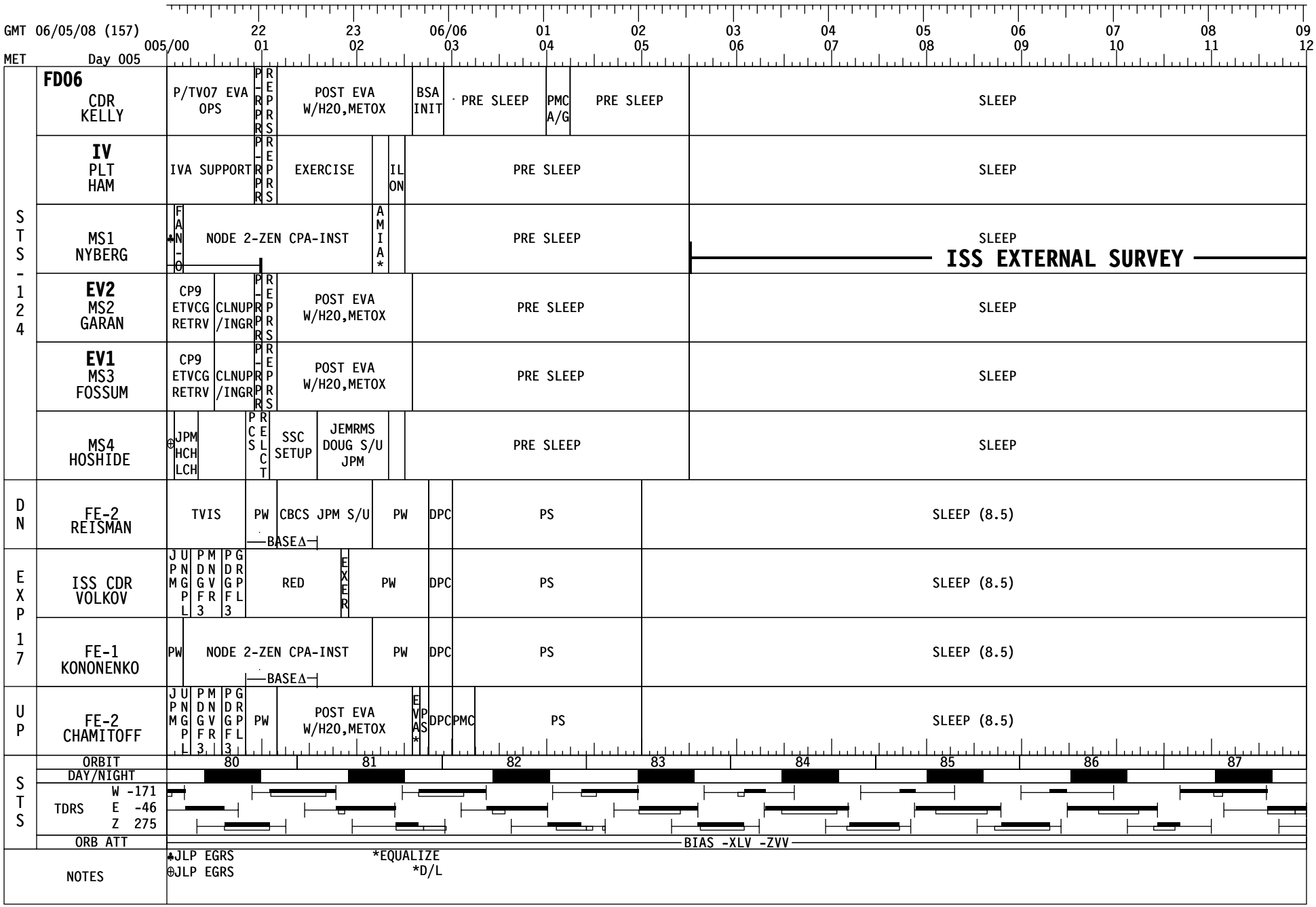
TDRS W -171 / E -46 / Z 275

ORB ATT: BIAS -XLV -ZVV

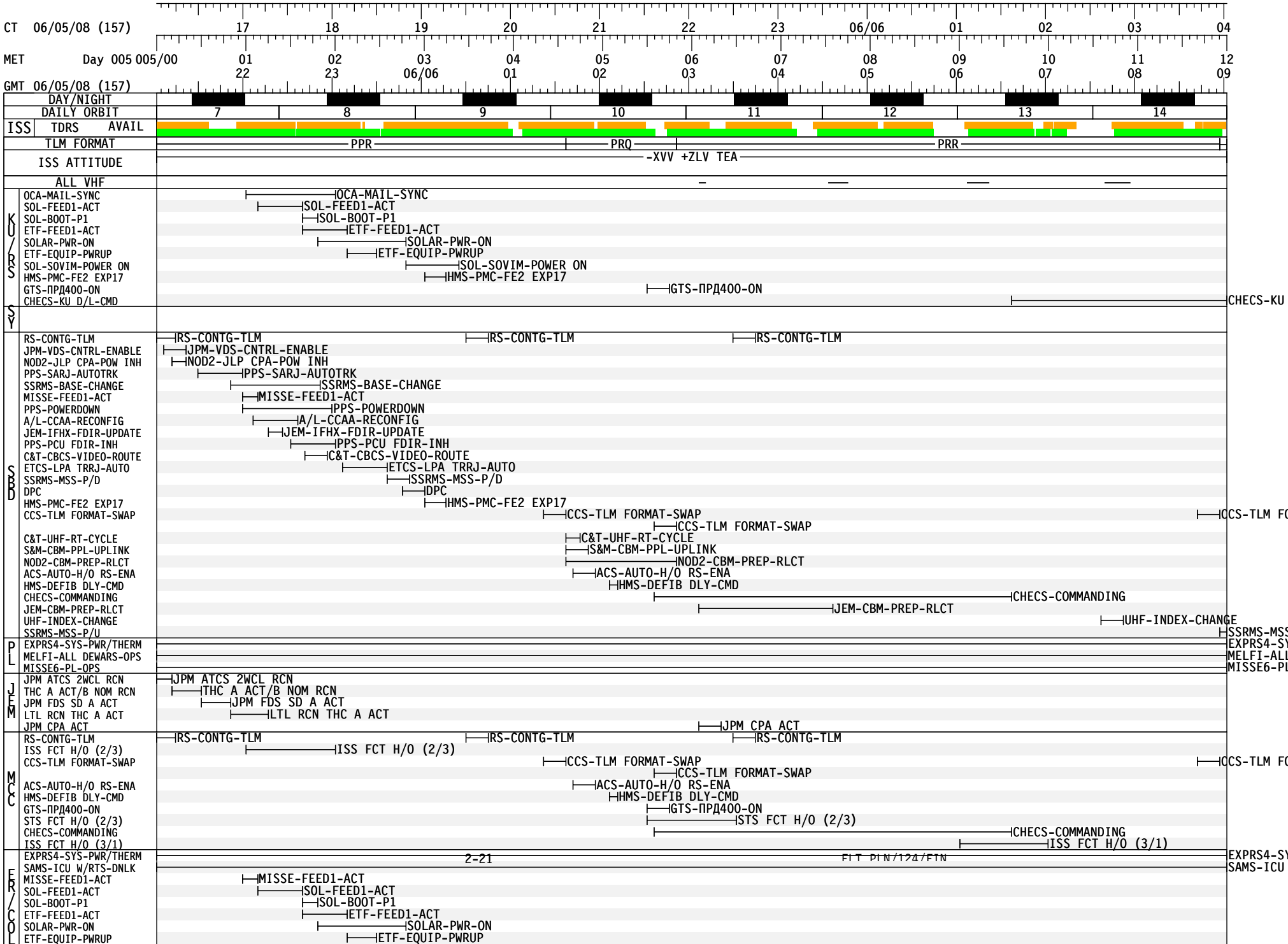
NOTES: *SETUP; *ROUTER REBOOT; ^JPM VIEW; ♣CW/RW-MELF; NODE2 PWRDN/PWRUP; CH A ACT

See OSTPV for ISS Activities




GMT 06/05/08 (157)
22 23 06/06 01 02 03 04 05 06 07 08 09
005/00 01 02 03 04 05 06 07 08 09 10 11 12
MET Day 005
STS-124
FD06 CDR KELLY
P/TV07 EVA OPS
P-RPR
REPRS
POST EVA W/H2O,METOX
BSA INIT
PRE SLEEP
PMC A/G
PRE SLEEP
SLEEP
IV PLT HAM
IVA SUPPORT
P-RPR
REPRS
EXERCISE
ILON
PRE SLEEP
SLEEP
MS1 NYBERG
♣FAN-O
NODE 2-ZEN CPA-INST
AMIA*
PRE SLEEP
SLEEP
ISS EXTERNAL SURVEY
EV2 MS2 GARAN
CP9 ETVCG RETRV
CLNUP /INGR
P-RPR
REPRS
POST EVA W/H2O,METOX
PRE SLEEP
SLEEP
EV1 MS3 FOSSUM
CP9 ETVCG RETRV
CLNUP /INGR
P-RPR
REPRS
POST EVA W/H2O,METOX
PRE SLEEP
SLEEP
MS4 HOSHIDE
⊕JPM HCH LCH
PCS
RELCT
SSC SETUP
JEMRMS DOUG S/U JPM
PRE SLEEP
SLEEP
DN
FE-2 REISMAN
TVIS
PW
CBCS JPM S/U
PW
DPC
PS
SLEEP (8.5)
BASEΔ
EXP 17
ISS CDR VOLKOV
JPM
UNGPL
PDGF3
MNVR
PDGF3
GRPL
RED
EXER
PW
DPC
PS
SLEEP (8.5)
FE-1 KONONENKO
PW
NODE 2-ZEN CPA-INST
PW
DPC
PS
SLEEP (8.5)
BASEΔ
UP
FE-2 CHAMITOFF
JPM
UNGPL
PDGF3
MNVR
PDGF3
GRPL
PW
POST EVA W/H2O,METOX
EVA*
PS
DPC
PMC
PS
SLEEP (8.5)
STS
ORBIT
80 81 82 83 84 85 86 87
DAY/NIGHT
TDRS W -171 E -46 Z 275
ORB ATT
BIAS -XLV -ZVV
NOTES
♣JLP EGRS
⊕JLP EGRS
*EQUALIZE
*D/L

See OSTPV for ISS Activities



NO EXERCISE [DURING LCS IMAGING]

NO EXERCISE [FROM 3RD BOLTS UNTIL CAPTURE LATCHES DEPLOYED]

NO EXERCISE [FROM MNVR TO INSTALL UNTIL A-BOLTS COMPLETE]

GMT 06/06/08 (158) — 12 10 13 11 14 12 15 13 16 14 17 15 18 16 19 17 20 18 21 19 22 20 23 21 006/00

MET Day 005

STS-124	FD07	
	CDR KELLY	SLEEP; POST SLEEP; XFER; UPDTE; CWC; INIT4; MDDK XFER; CTERM; CWCR; XFER; N2-I; MDDK XFER; N2-T; PAO; EVENT; MEAL; PWR3I; MDDK XFER; PWR3T; PWR4I; MDDK XFER; PWR4T; PWR; XFER; EXER; CISE
	PLT HAM	SLEEP; POST SLEEP; ILLUM; OFF; MCIU; FOCUSED INSPECTION; WCS#; IMU; MEAL; JLP RELOCT CAM SPRT; MDDK; XFER
	MS1 NYBERG	SLEEP; LOG; POST SLEEP; NOD2^; MNVR@; TCS2 ROT DN; TCA ACCUM CLS; TCS2 ROT UP; MEAL; MNVR JLP PGRPL; GRPL; UNBTH; JLP RE LOCATE; JLP; INSTL; LIMP; BRAKE; MNVR*
	MS2 GARAN	SLEEP; LOG; ASPRN; POST SLEEP; FOCUSED INSPECTION; MEAL; MDDK XFER
	MS3 FOSSUM	SLEEP; ASPRN; SLVA; POST SLEEP; FOCUSED INSPECTION; P/TV; MEAL; BSA-T; BSA-I; MTOX*; MDDK XFER
	MS4 HOSHIDE	SLEEP; SLVA; POST SLEEP; SWAP*; JLP VEST CONFIG DMTE; JLP VEST DEPRESS; NODE 2 CBM DEMATE; VERFY; MEAL; 1ST STG CAP; 2ND STG CAP; ♣
DN	FE-2 REISMAN	SLEEP (8.5); SLVA; PS; PW; DPC; PW; CBCS#; JLP VEST CONFIG DMTE; JLP VEST DEPRESS; MEAL; FFQ; LK CK SU
EXP 17	ISS CDR VOLKOV	SLEEP (8.5); PS; PW; DPC; IMS EDIT; IMS; CONF; IWISC; ISWIUS; MEAL; PAO; EVENT; TVIS
	FE-1 KONONENKO	SLEEP (8.5); PS; PW; DPC; RS OPS; MEAL; COX-MNT; RED
UP	FE-2 CHAMITOFF	SLEEP (8.5); PS; PW; DPC; PMC; ADAPT; NOD2^; MNVR@; TCS2 ROT DN; TCA ACCUM CLS; TCS ROT UP; ADAPT; PLCK; MEAL; MNVR JLP PGRPL; GRPL; NODE 2 CBM DEMATE; UNBTH; JLP RE LOCATE; JLP; INSTL; 1ST STG CAP; LIMP; 2ND STG CAP; BRAKE; MNVR*

STS — ORBIT: 88, 89, 90, 91, 92, 93, 94, 95

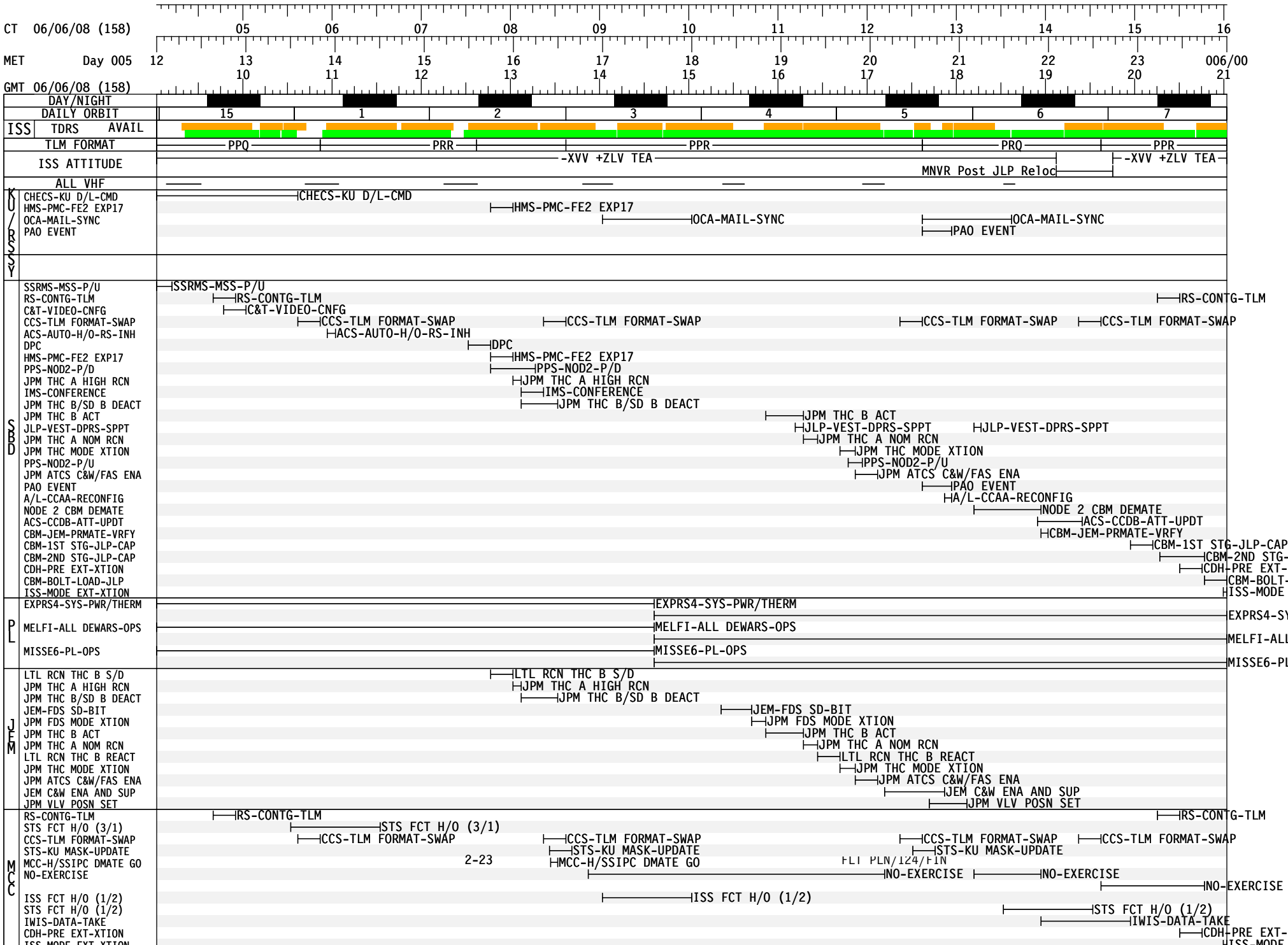
STS — DAY/NIGHT

STS — TDRS W -171, E -46, Z 275

STS — ORB ATT: BIAS -XLV -ZVV

NOTES
^UNGRPL
@SSRMS TO FI
*MULTIMETER
#PWRUP
#COMPACT
*TERM
♣JLP LEAK C
*SSRMS TO J

See OSTPV for ISS Activities



GMT 06/06/08 (158) 22 23 06/07 01 02 03 04 05 06 07 08 09

MET Day 006 006/00 01 02 03 04 05 06 07 08 09 10 11 12

FD07

STS-124	CDR KELLY	EXER CISE; MDDK XFER; XFER; TAGUP; XFER; BRIEF; PRE SLEEP; PMC A/G; PRE SLEEP; SLEEP
STS-124	PLT HAM	MDDK; XFER; EXERCISE; MNVR; MUPDAT; PRE SLEEP; SLEEP
STS-124	MS1 NYBERG	MNVR*; HATCH; JLP VEST PRESS LK CK; FNLKCK; PRE SLEEP; ♣; PRE SLEEP; SLEEP
STS-124	MS2 GARAN	MDDK XFER; PRE SLEEP; EXERCISE; PRE SLEEP; SLEEP
STS-124	MS3 FOSSUM	PLYBK OPS; MDDK XFER; EXERCISE; PRE SLEEP; SLEEP
STS-124	MS4 HOSHIDE	JLP LEAK CK S/U; EXERCISE; JRMS FINAL ACT P1; JEM RMS STRS RELF; THC; PRE SLEEP; SLEEP
DN	FE-2 REISMAN	LKCKSU; CBCS RMV; PW; JLP VEST PRESS LK CK; FNLKCK; PW; DPC; PS; SLEEP (8.5)
EXP 17	ISS CDR VOLKOV	TVIS; PW; DPC; PS; SLEEP (8.5)
EXP 17	FE-1 KONONENKO	RED; EXER; PW; DPC; PS; SLEEP (8.5)
UP	FE-2 CHAMITOFF	MNVR*; JRNL; TV/IOS; RED H/O; ADAPT; PW; DPC; PS; SLEEP (8.5)

STS

ORBIT: 95 96 97 98 99 100 101 102 103

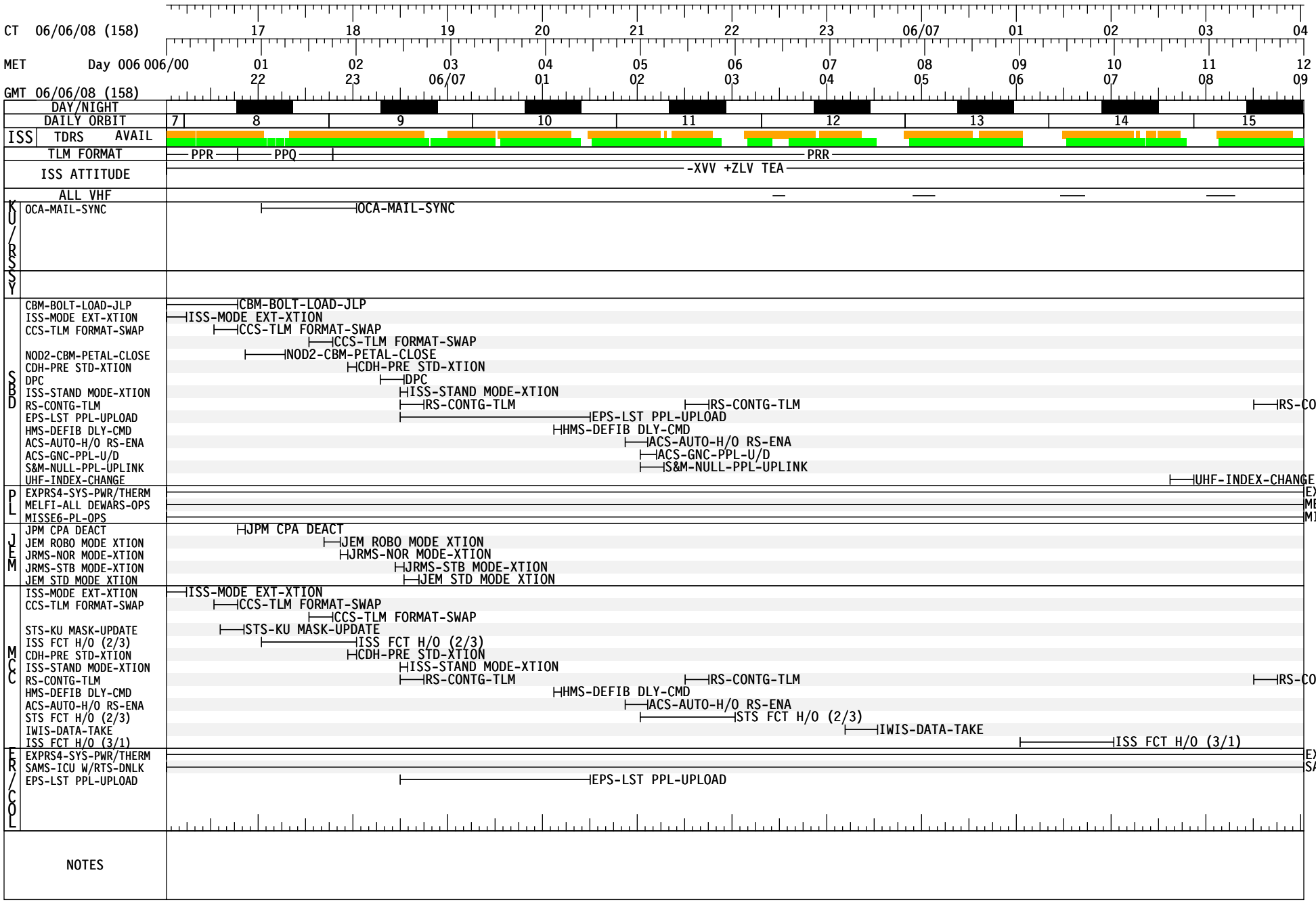
DAY/NIGHT

TDRS W -171 E -46 Z 275

ORB ATT: BIAS -XLV -ZVV

NOTES: *SSRMS TO JRMS VIEW ♣JRMS DEACT PREP PT1

See OSTPV for ISS Activities



GMT 06/07/08 (159) — 10 11 12 13 14 15 16 17 18 19 20 21 — 007/00

MET Day 006 — 12 13 14 15 16 17 18 19 20 21 22 23

FD08

STS-124	CDR KELLY	SLEEP; POST SLEEP; XFER; UPDATE*; MNVR; DUMP; WISTTE; MDDK XFER; WSTD-T; CSD-I; MDDK XFER; CONDM; TENDM; MNVR; ATHO*; EXERCISE; MDDK XFER; PAO; EVENT; MEAL; MDDK XFER; XFER; TAGUP; BRIEF
STS-124	PLT HAM	SLEEP; POST SLEEP; IMU; MNVR*; DUMP PWR; SPLIT; MDDK XFER; STEREM; PWR5I; MDDK XFER; PWR56T; PWR56I; MDDK XFER; PWR6T; PWR; XFER; PAO; EVENT; MEAL; MDDK XFER; EXERCISE
STS-124	MS1 NYBERG	SLEEP; LOG; POST SLEEP; JRMS^; FNLK CK TRM; MNVR*; AMIA RMVL; EXERCISE; MDDK XFER; JEMRMS-INIT-DEPLOY; BUS-T; PAO; EVENT; MEAL; JLP VEST OUTFIT; MNVR*
STS-124	MS2 GARAN	SLEEP; LOG; POST SLEEP; EXERCISE; MDDK XFER; E_LK PREP; BSA-T; MDDK XFER; PAO; EVENT; MEAL; EVA TOOL CONFG; PS
STS-124	MS3 FOSSUM	SLEEP; POST SLEEP; P/TV8; P/TV08 EXTRNL SURVEY; P/TV 09; EXERCISE; E_LK PREP; MTX/TT^; BTA*; REB; PSTVTOU5P; PAO; EVENT; MEAL; EVA TOOL CONFG; PS
STS-124	MS4 HOSHIDE	SLEEP; POST SLEEP; DRAG*; EXERCISE; HRM-I; JEMRMS BUS MON S/U; HRM-T; JRMS HRM RELEASE; BUS-I; JEMRMS-INIT-DEPLOY; DRAG*; PAO; EVENT; MEAL; JLP VEST OUTFIT; MNVR*
DN	FE-2 REISMAN	SLEEP (8.5); PS; PW; DPC; H/O; FNLK CK TRM; HANDOVER; ETVCG; CEVIS; TVIS; MEAL; HANDOVER; PW
EXP 17	ISS CDR VOLKOV	SLEEP (8.5); PS; PW; DPC; TVIS; RED; MEAL; COX-MNT; IMS; PW
EXP 17	FE-1 KONONENKO	SLEEP (8.5); PS; PW; DPC; TVIS; MEAL; VELO + RED
UP	FE-2 CHAMITOFF	SLEEP (8.5); SLVA; PS; PW; DPC; H/O; HANDOVER; ETVCG; PMC; DCS T/A; CEVIS; MEAL; HANDOVER; WRM CWC INIT; PW

STS

ORBIT: 103 104 105 106 107 108 109 110 111

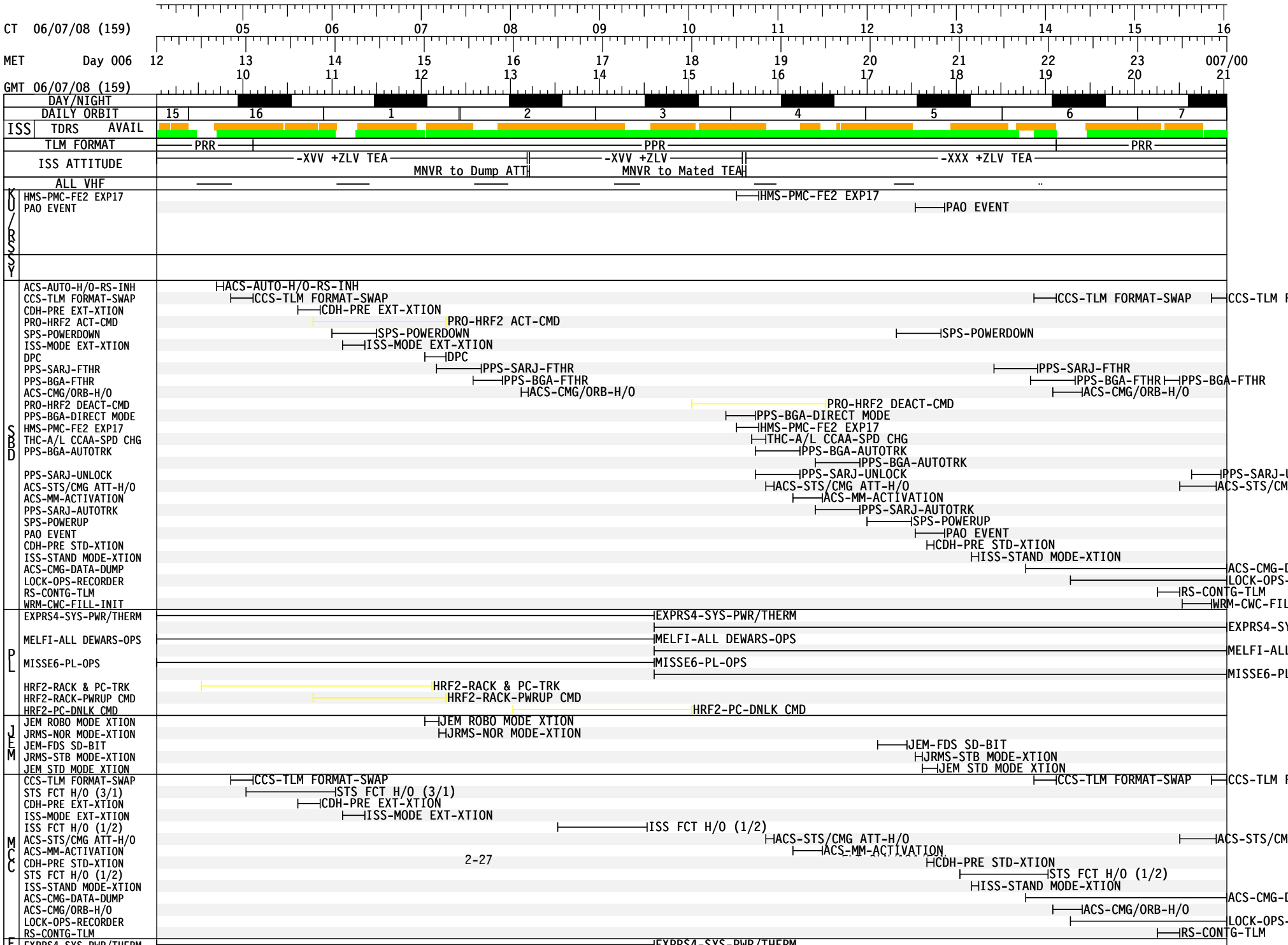
DAY/NIGHT

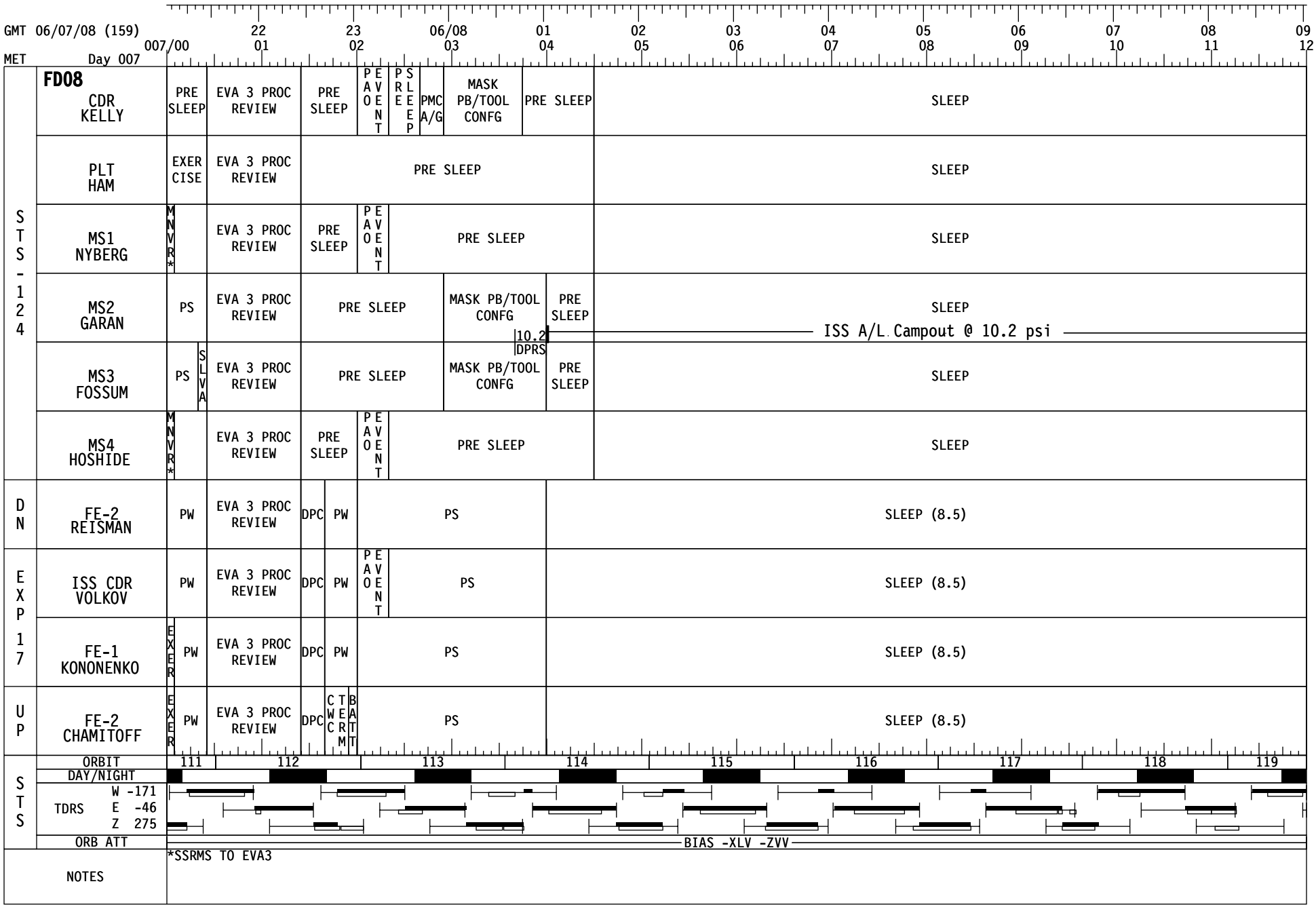
TDRS W -171 / E -46 / Z 275

ORB ATT: BIAS -XLV -ZVV; BIAS -XLV +YVV; BIAS -XLV -ZVV

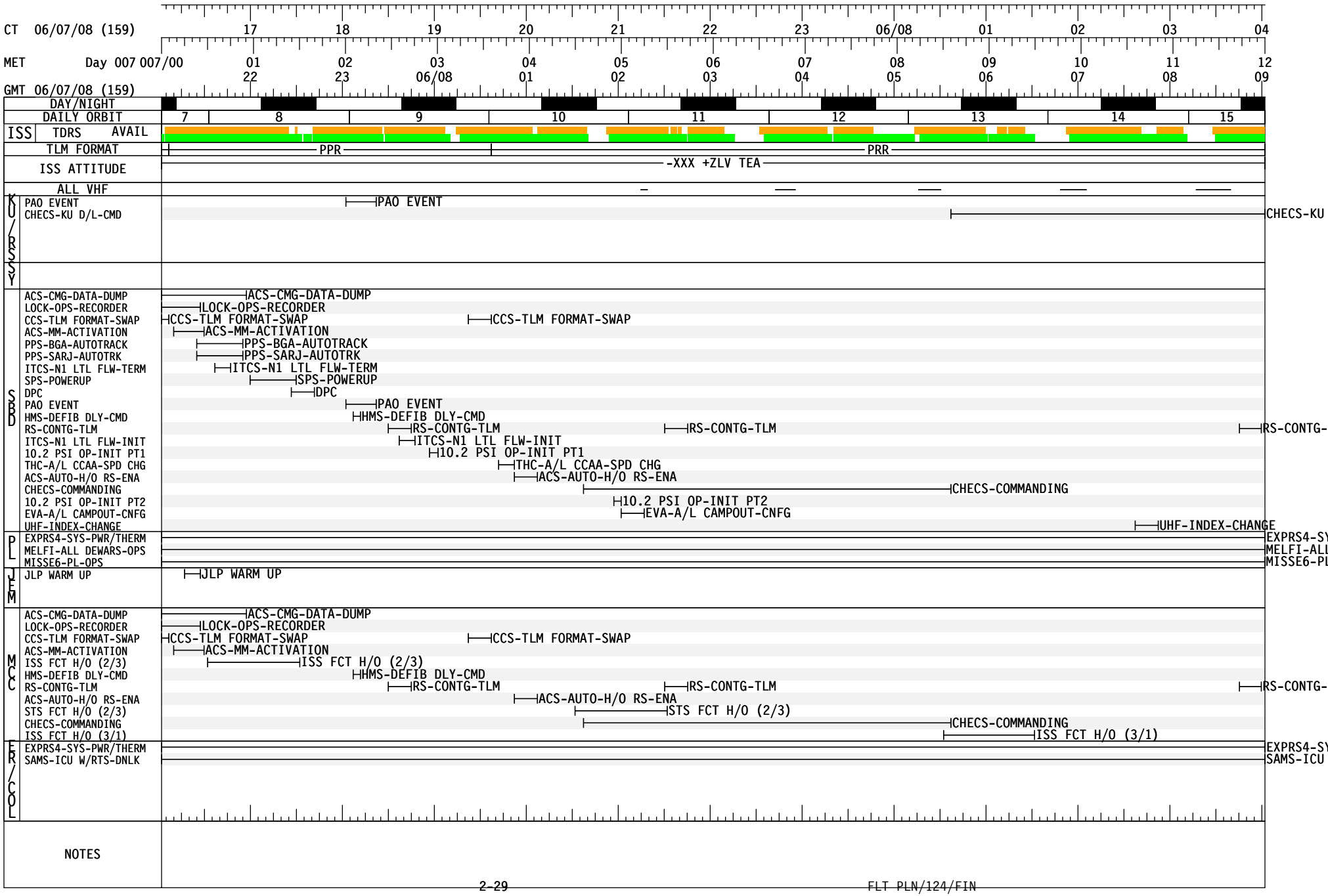
NOTES:
*CMG TO STS
*SRMS TO EVA3 VIEW
^FINAL ACT PT2
*JEM DRAG-THRU CNCT
*STS TO CMG
♣JRMS DEACT PREP PT1
^INSTALL
*INSTALL
*JEM DRAG-THRU DSCNCT
*SSRMS TO E

See OSTPV for ISS Activities




GMT 06/07/08 (159)
MET Day 007
007/00 22 23 06/08 01 02 03 04 05 06 07 08 09
01 02 03 04 05 06 07 08 09 10 11 12
STS-124
FD08
CDR KELLY
PRE SLEEP
EVA 3 PROC REVIEW
PRE SLEEP
PAO EVENT
PRE SLEEP
PMC A/G
MASK PB/TOOL CONFG
PRE SLEEP
SLEEP
PLT HAM
EXER CISE
EVA 3 PROC REVIEW
PRE SLEEP
SLEEP
MS1 NYBERG
MNVR*
EVA 3 PROC REVIEW
PRE SLEEP
PAO EVENT
PRE SLEEP
SLEEP
MS2 GARAN
PS
EVA 3 PROC REVIEW
PRE SLEEP
MASK PB/TOOL CONFG
PRE SLEEP
SLEEP
10.2 DPRS
ISS A/L Campout @ 10.2 psi
MS3 FOSSUM
PS
SLVA
EVA 3 PROC REVIEW
PRE SLEEP
MASK PB/TOOL CONFG
PRE SLEEP
SLEEP
MS4 HOSHIDE
MNVR*
EVA 3 PROC REVIEW
PRE SLEEP
PAO EVENT
PRE SLEEP
SLEEP
DN
FE-2 REISMAN
PW
EVA 3 PROC REVIEW
DPC
PW
PS
SLEEP (8.5)
EXP 17
ISS CDR VOLKOV
PW
EVA 3 PROC REVIEW
DPC
PW
PAO EVENT
PS
SLEEP (8.5)
FE-1 KONONENKO
EXER
PW
EVA 3 PROC REVIEW
DPC
PW
PS
SLEEP (8.5)
UP
FE-2 CHAMITOFF
EXER
PW
EVA 3 PROC REVIEW
DPC
CWC
TERM
BATT
PS
SLEEP (8.5)
STS
ORBIT
111 112 113 114 115 116 117 118 119
DAY/NIGHT
TDRS
W -171
E -46
Z 275
ORB ATT
BIAS -XLV -ZVV
NOTES
*SSRMS TO EVA3

See OSTPV for ISS Activities



NO UNISOLATED EXERCISE
[DURING ESP-3 NTA REOMVAL & TEMP STOW]

GMT 06/08/08 (160) — 12 13 14 15 16 17 18 19 20 21 22 23 008/00

MET Day 007 — 10 11 12 13 14 15 16 17 18 19 20 21

STS-124	FD09 CDR KELLY	SLEEP; POST SLEEP; PMC A/G; POST SLEEP; HYG BRK/ HATCH CLS; CAMPOUT EVA PREP; EMU PURGE; EMU PRE BREATHE; C/L DPRS; P-DPR; P/TV07 EVA OPS; CWC INIT 5; P/TV07 EVA OPS; CWC TERM; CXFER; MEAL; PWR 7I; P/TV07 EVA OPS; PWR 7T; PWR XFER; P/TV07 EVA OPS; P-RPR; REPRS
STS-124	IV PLT HAM	SLEEP; POST SLEEP; INHBT; PAD; MCIU; IMU; EXERCISE; P/TV 07 S/U; P-DPR; IVA SUPPORT; P-RPR; REPRS
STS-124	MS1 NYBERG	SLEEP; LOG; POST SLEEP; EXERCISE; MDDK XFER; S1 NTA RETRIEVE; NTA RTV @ESP3; S1 NTA INSTALL; MNVR*; MDDK XFER; EVA 3 6:20
STS-124	EV2 MS2 GARAN	SLEEP; POST SLEEP; HYG BRK/ PREBREATHE (14.7 RPRS, 10.2 DPRS); CAMPOUT EVA PREP; EMU PURGE; EMU PRE BREATHE; C/L DPRS; P-DPR; EVA EGRS/ SETUP; REMOVE S1 NTA; STW S1 NTA; ♣; S1 NTA INSTL; SSRMS CLEAN UP; S1 NTA FQD CNCT; CP9 ETVCG INSTALL; C/L NUP; P-NGR; REPRS
STS-124	EV1 MS3 FOSSUM	SLEEP; POST SLEEP; HYG BRK/ PREBREATHE; CAMPOUT EVA PREP; EMU PURGE; EMU PRE BREATHE; C/L DPRS; P-DPR; EVA EGRS/ SETUP; RETRIEVE ESP-3 NTA; STOW S1 NTA ON FRM; CLEANUP ESP-3 WS; JRMS MLI & LL RTV; RLS JPM LL; DPLY ACBM MMOD SHLDS; CP9 ETVCG INSTALL; C/L NUP; P-NGR; REPRS
STS-124	MS4 HOSHIDE	SLVA; POST SLEEP; XFER; UPDAT; DRAG*; JRMS^; MDDK XFER; S1 NTA RETRIEVE; NTA RTV @ESP3; S1 NTA INSTALL; EXERCISE; MDDK XFER
DN	FE-2 REISMAN	SLEEP (8.5); SLVA; PS; PW; COL ITCS SMPL; ND2 ITCS SMPL; CEVIS; MAS UNSTW; MAS SMPL; MAS STOW; HANDOVER; MEAL; SSK S/U; SMPL; STOW; HANDOVER; TVIS; DCB PK FAM; O2 CAL
EXP 17	ISS CDR VOLKOV	SLEEP (8.5); PS; PW; DPC; PW; HAM; EMU PURGE; EMU PRE BREATHE; C/L DPRS; RS OPS; MEAL; RSP C/O; IMS; RS OPS; VELO + RED; TVIS
EXP 17	FE-1 KONONENKO	SLEEP (8.5); PS; PW; DPC; PW; TVIS; MEAL; COX-MNT; RED
UP	FE-2 CHAMITOFF	SLEEP (8.5); SLVA; DRY; PS; DRY; PS; HYG BRK/ HATCH CLS; CAMPOUT EVA PREP; EMU PURGE; EMU PRE BREATHE; C/L DPRS; DRY; HANDOVER; MEAL; RSP C/O; HANDOVER; CEVIS; GLOVE; DRY; DCB PK FAM; O2 CAL

STS

ORBIT: 119 120 121 122 123 124 125 126 127

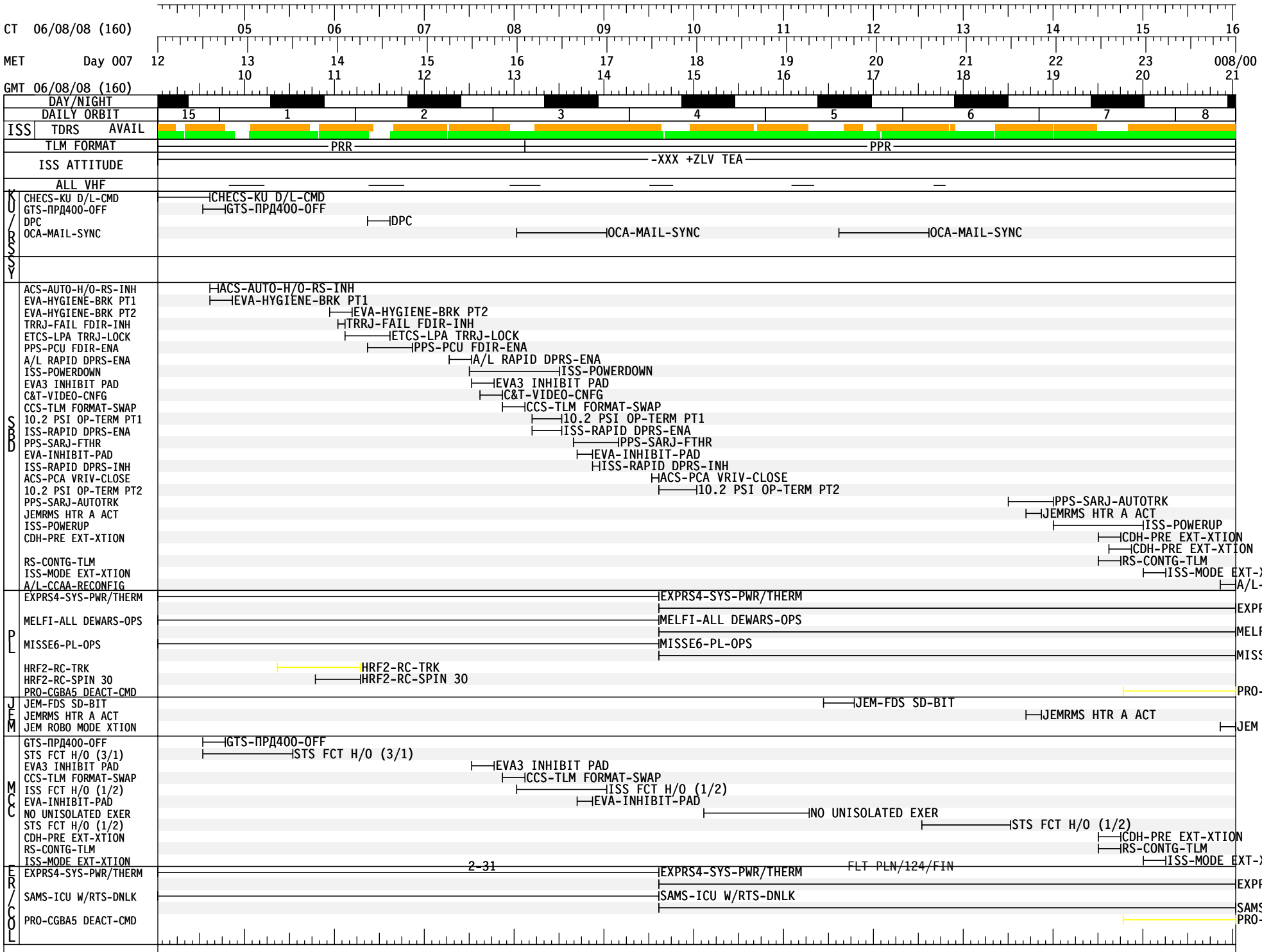
DAY/NIGHT

TDRS W -171 E -46 Z 275

ORB ATT: BIAS -XLV -ZVV

NOTES: *JEM DRAG-THRU CNCT; ^MON ACT; ♣RTV SPARE NTA; *SRMS TO JRMS DEPLOY

See OSTPV for ISS Activities



GMT 06/08/08 (160) 22 23 06/09 01 02 03 04 05 06 07 08 09
MET Day 008 008/00 01 02 03 04 05 06 07 08 09 10 11 12

STS-124	**FD09** CDR KELLY	POST EVA W/H20 · PRE SLEEP · PMC A/G · PRE SLEEP · SLEEP
STS-124	**IV** PLT HAM	LIOH SWAP · O2 RECONFIG TO XFER · O2-I · PRE SLEEP · SLEEP
STS-124	MS1 NYBERG	BUS-I · JRMS FNL DPLY · JEMRMS MNVR TO STOW · BUS-T · ♣ · PRE SLEEP · SLEEP
STS-124	**EV2** MS2 GARAN	POST EVA W/H20 · PRE SLEEP · SLEEP
STS-124	**EV1** MS3 FOSSUM	POST EVA W/H20 · PRE SLEEP · SLEEP
STS-124	MS4 HOSHIDE	JRMS^ · JRMS FNL DPLY · JEMRMS MNVR TO STOW · DRAG* · XFER TAGUP · XFER · BREF · PRE SLEEP · SLEEP
DN	FE-2 REISMAN	⊕ · PW · EVA* · DPC · PS · SLEEP (8.5)
EXP 17	ISS CDR VOLKOV	TVIS · EXER · PW · DPC · PS · SLEEP (8.5)
EXP 17	FE-1 KONONENKO	RED · PW · O2 RECONFIG TO XFER · O2-I · PS · SLEEP (8.5)
UP	FE-2 CHAMITOFF	⊕ · PW · JRMS FNL DPLY · JEMRMS MNVR TO STOW · PW · DPC · PS · DRY · SLEEP (8.5)

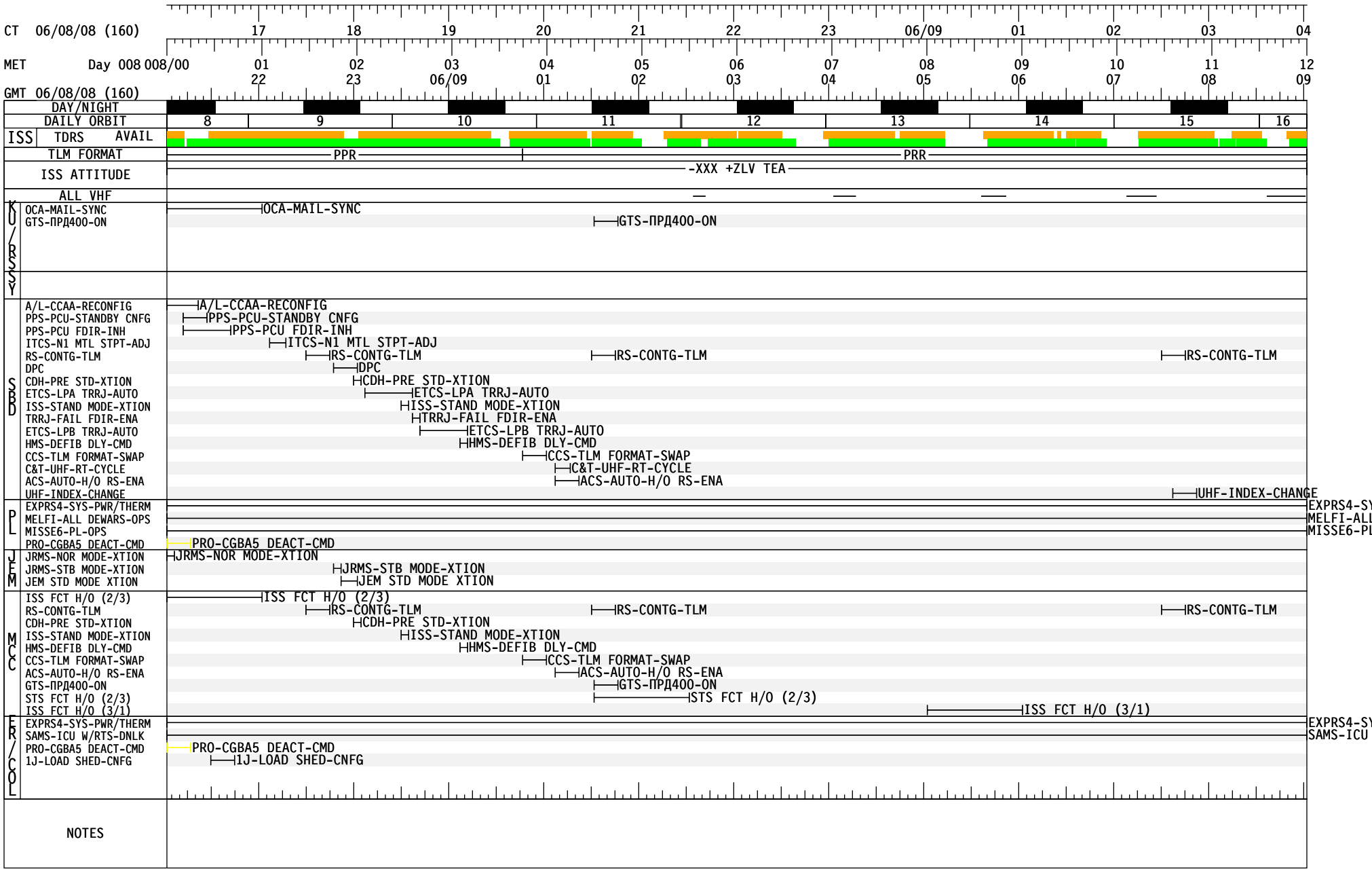
STS

ORBIT	127 128 129 130 131 132 133 134 135
DAY/NIGHT	
TDRS W -171	
TDRS E -46	
TDRS Z 275	
ORB ATT	BIAS -XLV -ZVV

NOTES

⊕O2 CAL
^FINAL ACT PT2
♣JRMS DEACT PREP PT1
*JEM DRAG-THRU DSCNCT
*D/L

See OSTPV for ISS Activities



GMT 06/09/08 (161) — 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21

MET Day 008 — 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 009/00

FD10

Group	Crew	Activities (in time order)
STS-124	CDR KELLY	SLEEP; POST SLEEP; N2-I; XFER; UPDTE; MDDK XFER; N2-T; EXERCISE; OFF DUTY; MEAL; CREW CONF; CREW PHOTO; N2 XFER TERM; O2*; O2 SYS TEARDOWN; SAYO
STS-124	PLT HAM	SLEEP; POST SLEEP; IMU; CWC; INIT6; EXERCISE; CWC; TERM; CWC; XFER; NOM H2O CNFG; COND; C/O; OFF DUTY; MEAL; CREW CONF; CREW PHOTO; OBSS*; FLTR CLN - INSPECT; GAP ACT; NARA
STS-124	MS1 NYBERG	SLEEP; LOG; POST SLEEP; BLOOD; S/U; ♣; JEMRMS BRAKE C/O; ⊕; BLOOD DRAW; OPER; STOW; MDDK XFER; OFF DUTY; MEAL; CREW CONF; CREW PHOTO; OBSS*; EXERCISE; SAYO
STS-124	MS2 GARAN	SLEEP; LOG; ASPRN; POST SLEEP; EMU CMPNT SWAP; EVA PREP FOR XFER; EVA XFER; PCS DEACT /AFD XFER; OFF DUTY; MEAL; CREW CONF; CREW PHOTO; NARA
STS-124	MS3 FOSSUM	SLEEP; ASPRN; POST SLEEP; EMU CMPNT SWAP; EVA PREP FOR XFER; EVA XFER; MDDK XFER; OFF DUTY; MEAL; CREW CONF; CREW PHOTO; IWIS; ACCEL; UNSTL; P/TV 04 S/U; SAYO
STS-124	MS4 HOSHIDE	SLEEP; POST SLEEP; JRMS^; BUS-I; JEMRMS BRAKE C/O; BUS-T; JEMRMS HRM HOLD; ♦; PTV05; SETUP; OFF DUTY; MEAL; CREW CONF; CREW PHOTO; XFER; TAGUP; XFER EF; BPSMU; EXERCISE; NARA
DN	FE-2 REISMAN	SLEEP (8.5); PS; PW; DPC; ELU; CWC; HANDOVER; IWIS; DWLN; IWISD; RED; CMS; MIDO; JRNL; CEVIS; DCB 1J PACK; MEAL; CREW CONF; CREW PHOTO; IWIST; IWISS; HANDOVER; SAYO
EXP 17	ISS CDR VOLKOV	SLEEP (8.5); PS; PW; DPC; TVIS; RS OPS; MEAL; CREW CONF; CREW PHOTO; RED; EXER; IMS; NARA
EXP 17	FE-1 KONONENKO	SLEEP (8.5); PS; PW; DPC; RS OPS; COЖ-MNT; VELO + RED; TVIS; MEAL; CREW CONF; CREW PHOTO; N2 XFER TERM; O2*; O2 SYS TEARDOWN; SAYO
UP	FE-2 CHAMITOFF	SLEEP (8.5); PS; PW; DPC; CWC; HANDOVER; BLOOD DRAW; SUBJ; DCS RCNFG; JRNL; CEVIS; RED; DCB 1J PACK; MEAL; CREW CONF; CREW PHOTO; DCB; XFER; ®; HANDOVER; NARA

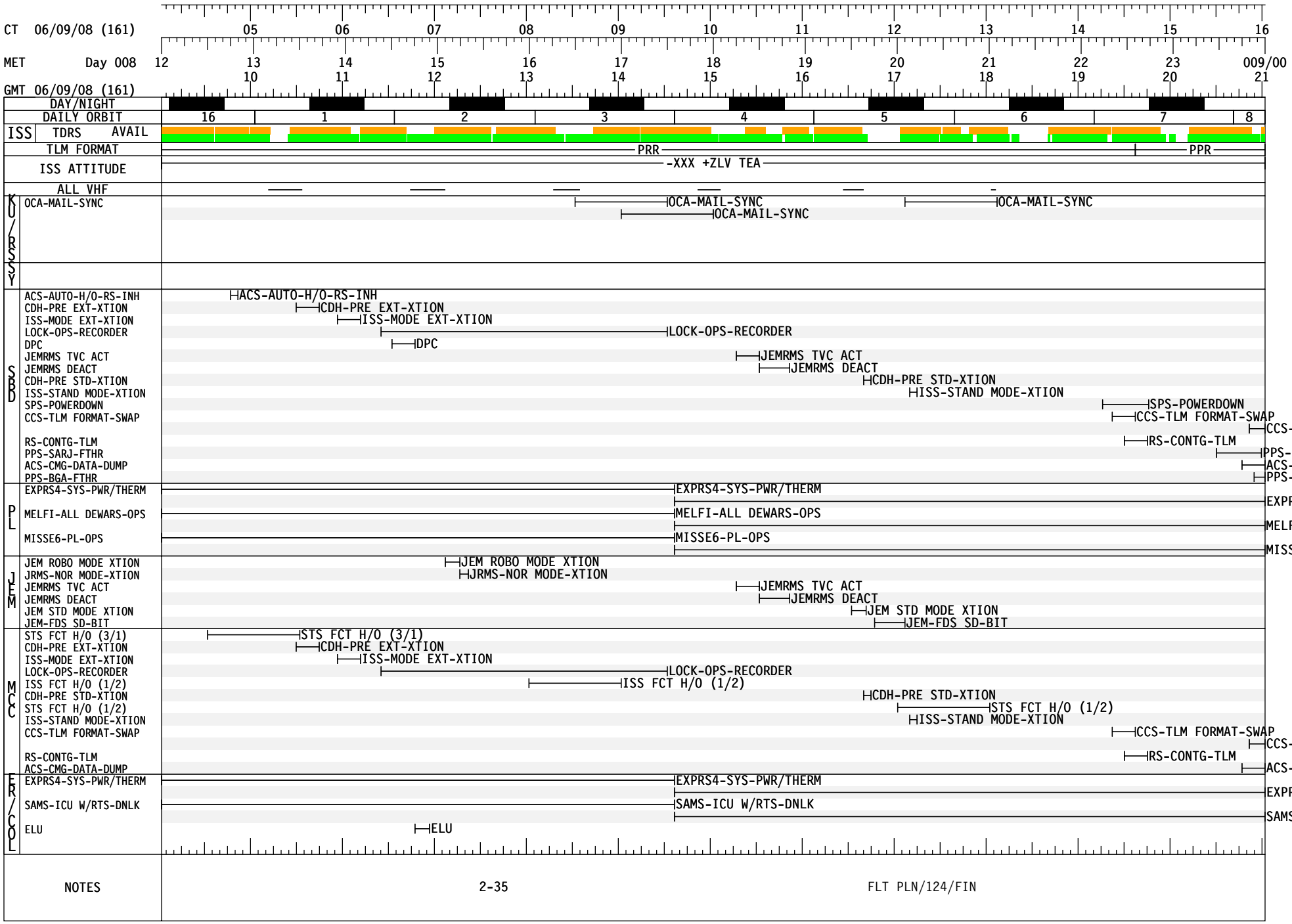
STS	
ORBIT	135, 136, 137, 138, 139, 140, 141, 142, 143
DAY/NIGHT	
TDRS	W -171; E -46; Z 275
ORB ATT	BIAS -XLV -ZVV

NOTES

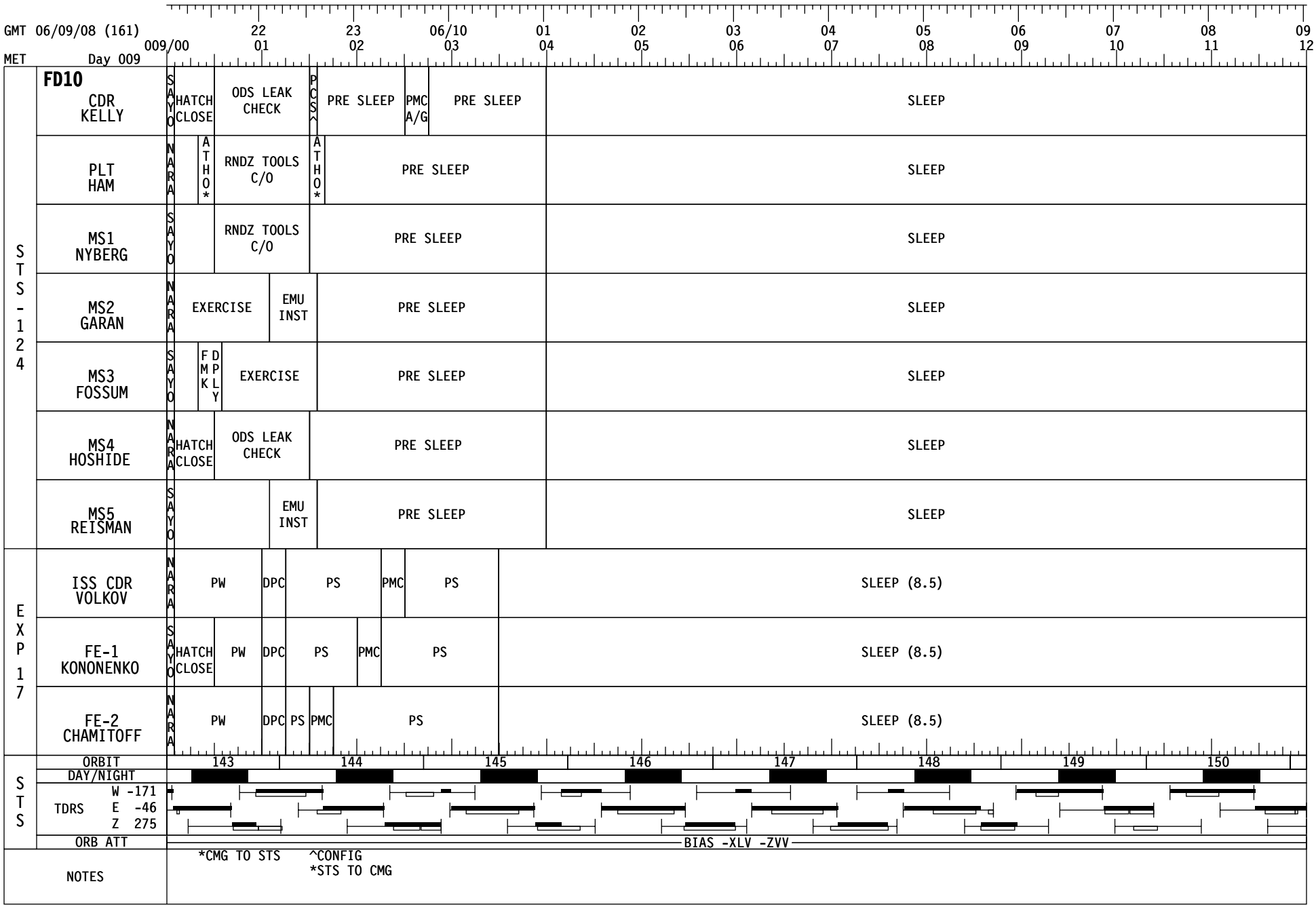
DTF TESTS

♣JRMS HRM W/U FOR CL
^FINAL ACT PT3
⊕JRMS HRM W/U TERM CL
♦JRMS DEACT PREP PT2
®SLVA STOW
*Term
*UNDOCK POSITION

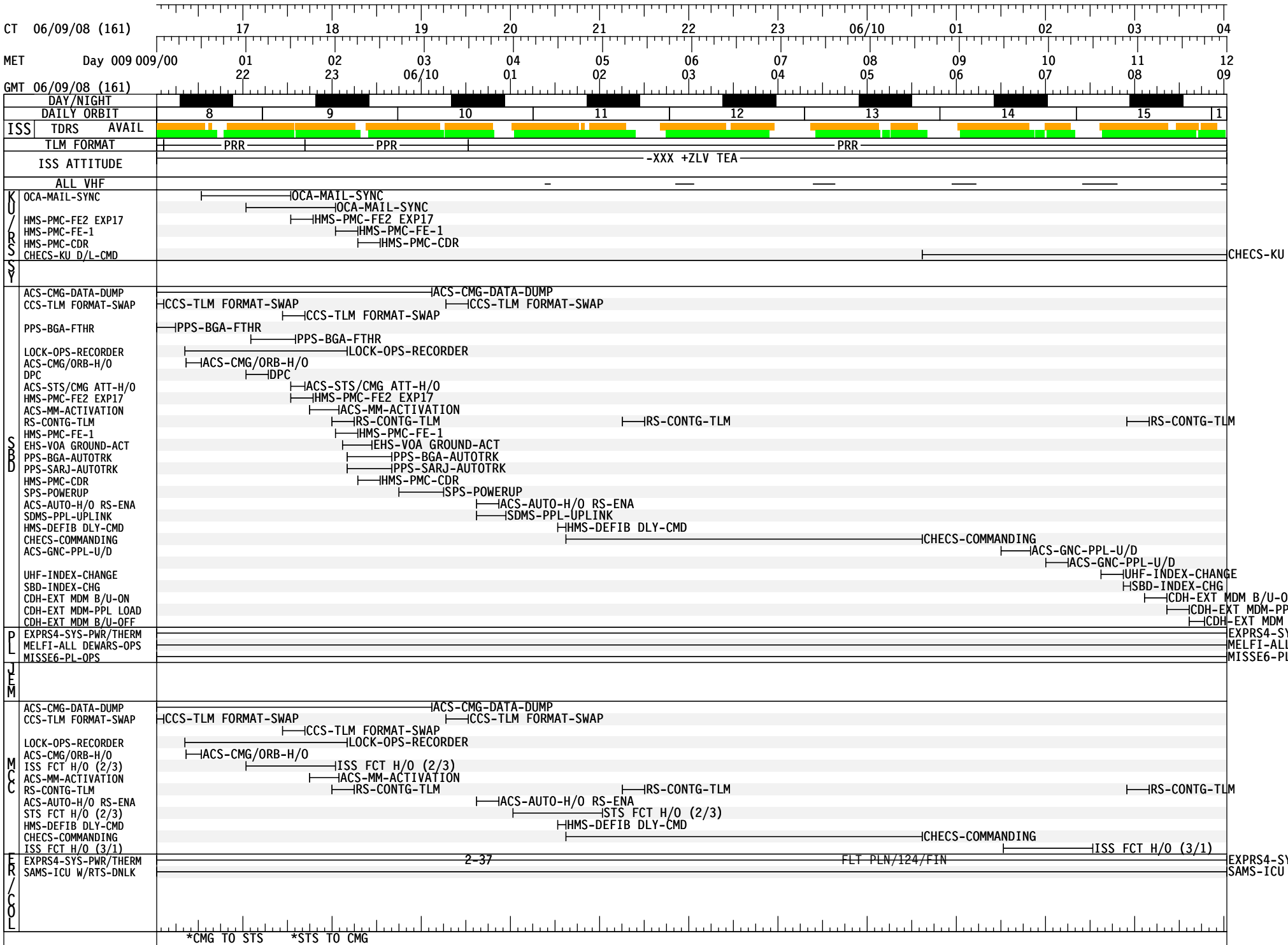
See OSTPV for ISS Activities

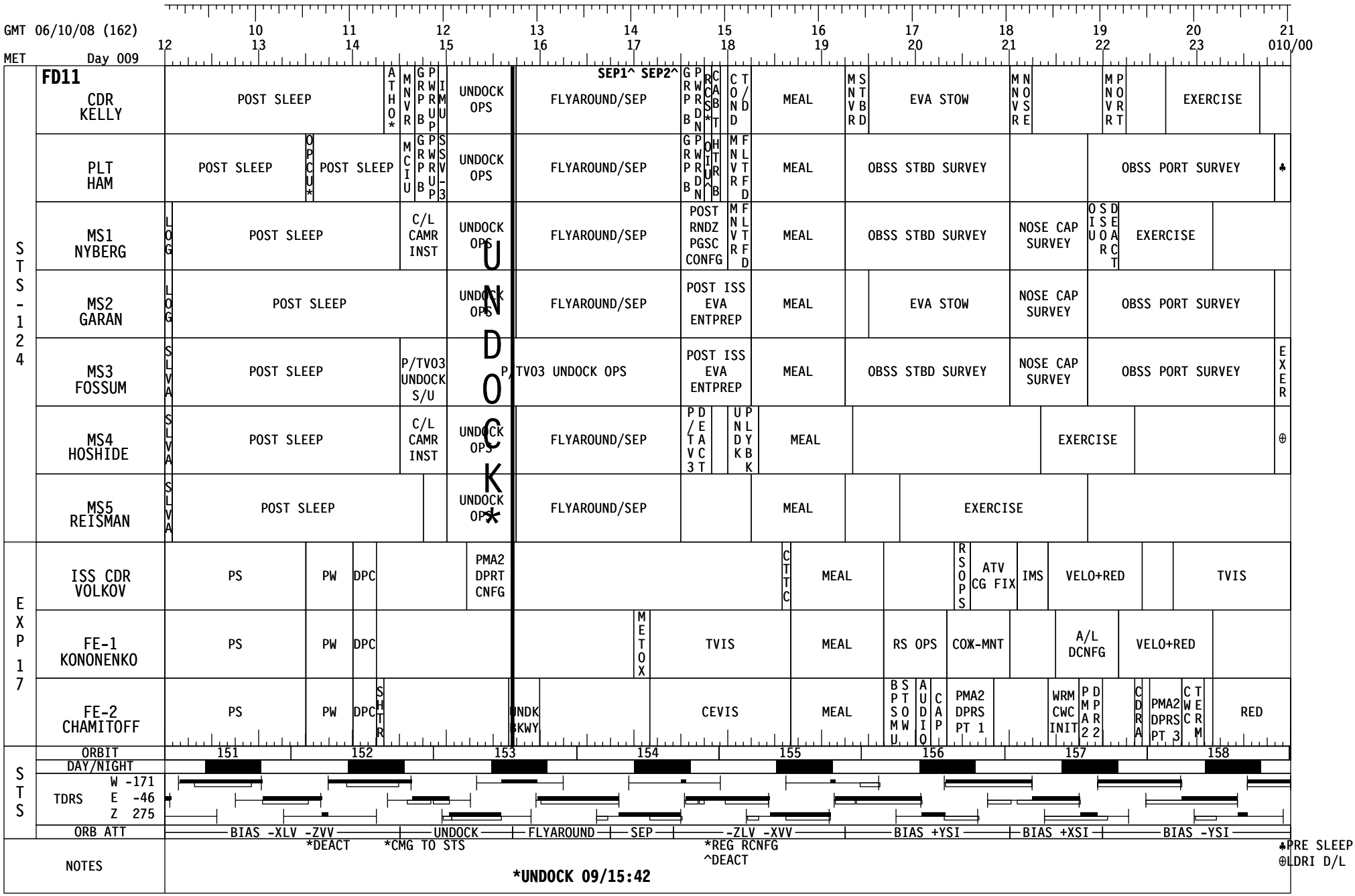


NOTES

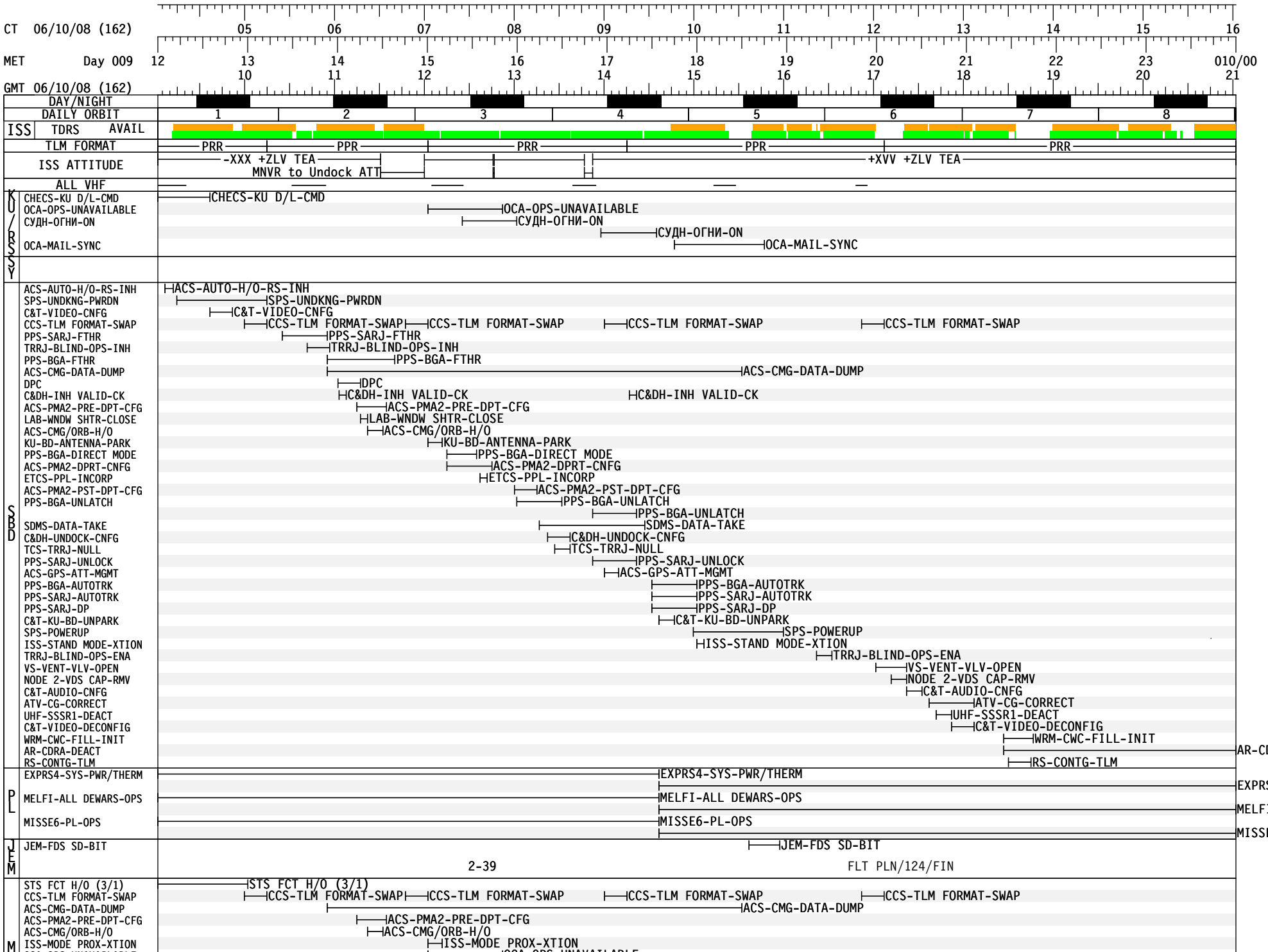

GMT 06/09/08 (161)
MET Day 009
009/00 22 01 23 02 06/10 03 01 04 02 05 03 06 04 07 05 08 06 09 07 10 08 11 09 12
FD10
STS-124
CDR KELLY
SAYO HATCH CLOSE ODS LEAK CHECK PCS^ PRE SLEEP PMC A/G PRE SLEEP SLEEP
PLT HAM
NARA ATHO* RNDZ TOOLS C/O ATHO* PRE SLEEP SLEEP
MS1 NYBERG
SAYO RNDZ TOOLS C/O PRE SLEEP SLEEP
MS2 GARAN
NARA EXERCISE EMU INST PRE SLEEP SLEEP
MS3 FOSSUM
SAYO FMK DPLY EXERCISE PRE SLEEP SLEEP
MS4 HOSHIDE
NARA HATCH CLOSE ODS LEAK CHECK PRE SLEEP SLEEP
MS5 REISMAN
SAYO EMU INST PRE SLEEP SLEEP
EXP 17
ISS CDR VOLKOV
NARA PW DPC PS PMC PS SLEEP (8.5)
FE-1 KONONENKO
SAYO HATCH CLOSE PW DPC PS PMC PS SLEEP (8.5)
FE-2 CHAMITOFF
NARA PW DPC PS PMC PS SLEEP (8.5)
STS
ORBIT 143 144 145 146 147 148 149 150
DAY/NIGHT
TDRS W -171 E -46 Z 275
ORB ATT BIAS -XLV -ZVV
NOTES
*CMG TO STS
^CONFIG
*STS TO CMG

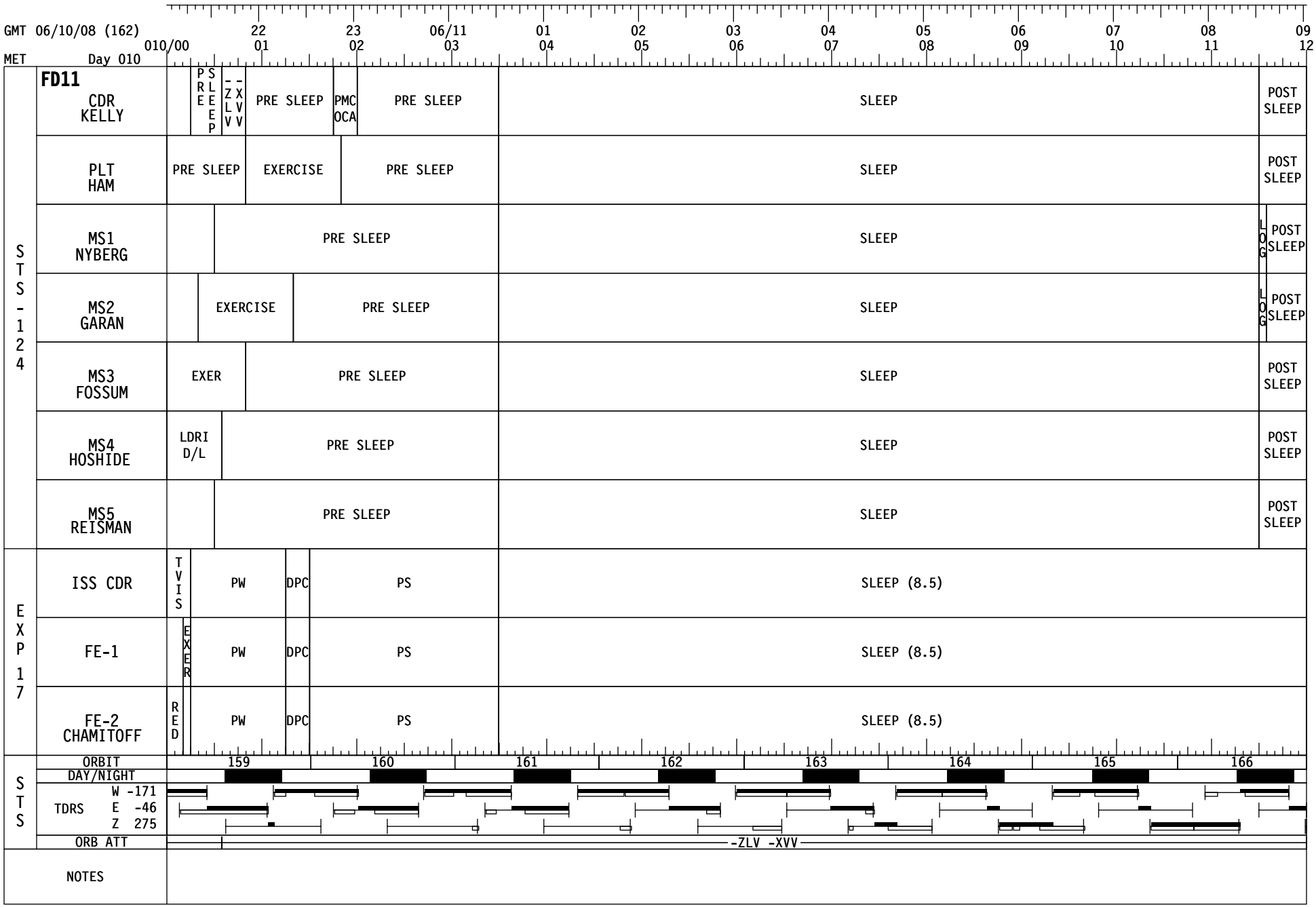
See OSTPV for ISS Activities

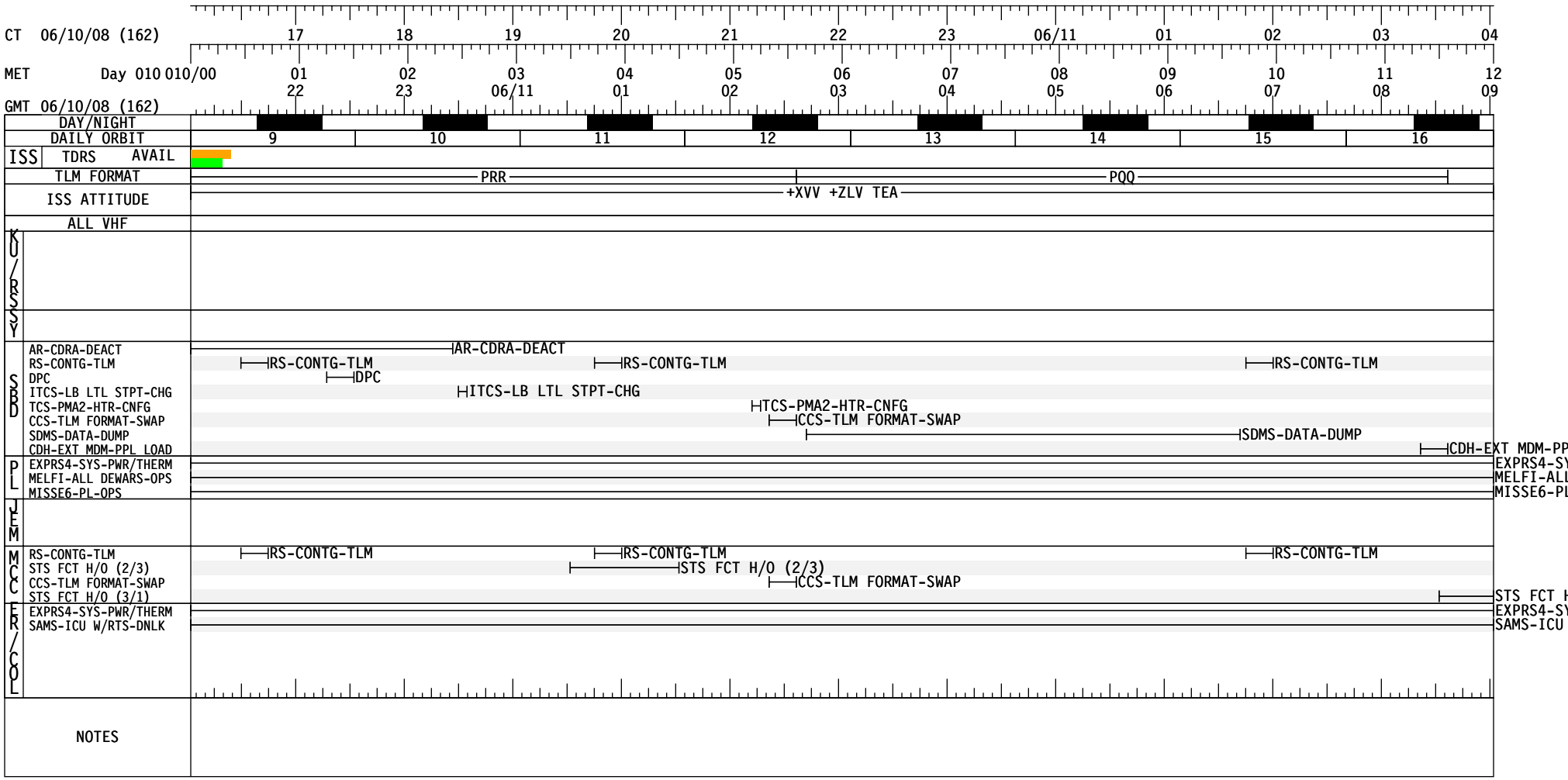


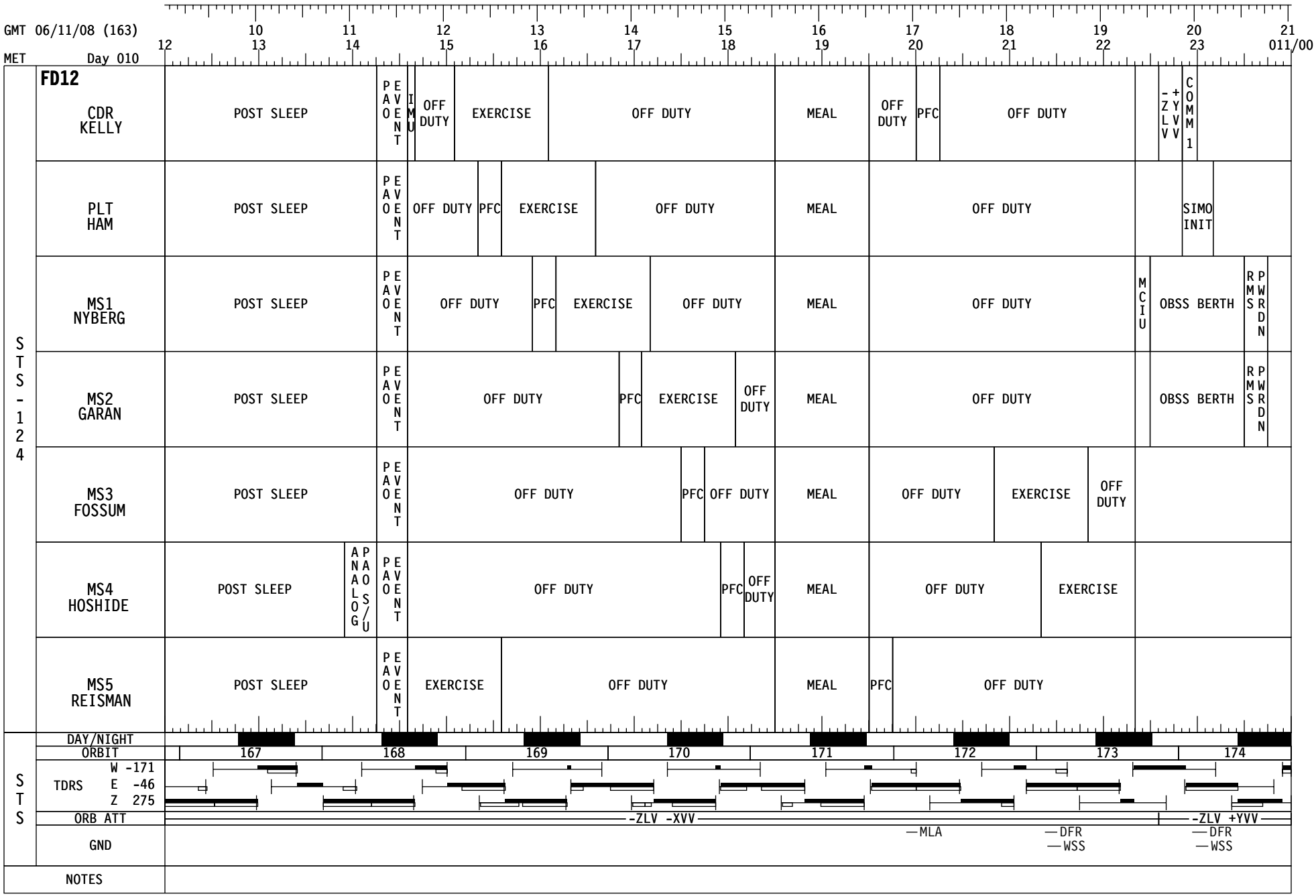

GMT 06/10/08 (162)
MET Day 009
FD11
STS-124
EXP 17
STS
CDR KELLY
PLT HAM
MS1 NYBERG
MS2 GARAN
MS3 FOSSUM
MS4 HOSHIDE
MS5 REISMAN
ISS CDR VOLKOV
FE-1 KONONENKO
FE-2 CHAMITOFF
ORBIT
DAY/NIGHT
TDRS W -171 E -46 Z 275
ORB ATT
NOTES
UNDOCK
SEP1^ SEP2^
POST SLEEP
FLYAROUND/SEP
MEAL
EVA STOW
EXERCISE
OBSS STBD SURVEY
OBSS PORT SURVEY
C/L CAMR INST
UNDOCK OPS
POST RNDZ PGSC CONFG
POST ISS EVA ENTPREP
NOSE CAP SURVEY
P/TV03 UNDOCK S/U
P/TV03 UNDOCK OPS
PS
PW
DPC
PMA2 DPRT CNFG
TVIS
RS OPS
ATV CG FIX
IMS
VELO+RED
A/L DCNFG
CEVIS
RED
BIAS -XLV -ZVV
UNDOCK
FLYAROUND
SEP
-ZLV -XVV
BIAS +YSI
BIAS +XSI
BIAS -YSI
*DEACT
*CMG TO STS
*REG RCNFG
^DEACT
♣PRE SLEEP
⊕LDRI D/L
*UNDOCK 09/15:42

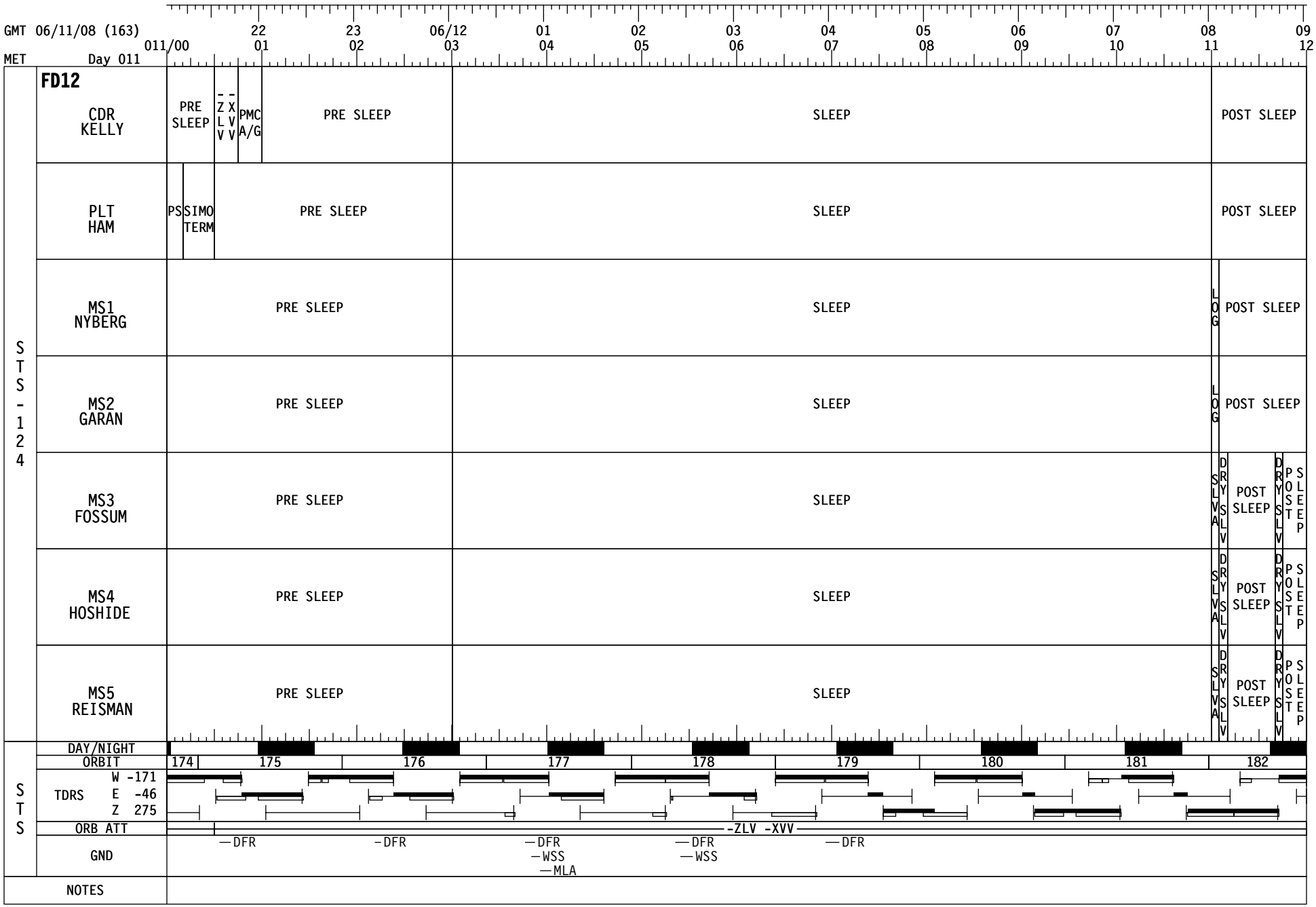
See OSTPV for ISS Activities




GMT 06/10/08 (162)
MET Day 010
010/00 22 23 06/11 01 02 03 04 05 06 07 08 09
01 02 03 04 05 06 07 08 09 10 11 12
STS-124
FD11
CDR KELLY
PRE SLEEP
-ZLV -XVV
PRE SLEEP
PMC OCA
PRE SLEEP
SLEEP
POST SLEEP
PLT HAM
PRE SLEEP
EXERCISE
PRE SLEEP
SLEEP
POST SLEEP
MS1 NYBERG
PRE SLEEP
SLEEP
LOG
POST SLEEP
MS2 GARAN
EXERCISE
PRE SLEEP
SLEEP
LOG
POST SLEEP
MS3 FOSSUM
EXER
PRE SLEEP
SLEEP
POST SLEEP
MS4 HOSHIDE
LDRI D/L
PRE SLEEP
SLEEP
POST SLEEP
MS5 REISMAN
PRE SLEEP
SLEEP
POST SLEEP
EXP 17
ISS CDR
TVIS
PW
DPC
PS
SLEEP (8.5)
FE-1
EXER
PW
DPC
PS
SLEEP (8.5)
FE-2 CHAMITOFF
RED
PW
DPC
PS
SLEEP (8.5)
STS
ORBIT
159 160 161 162 163 164 165 166
DAY/NIGHT
TDRS
W -171
E -46
Z 275
ORB ATT
-ZLV -XVV
NOTES


CT 06/10/08 (162)
17 18 19 20 21 22 23 06/11 01 02 03 04
MET Day 010 010/00
01 02 03 04 05 06 07 08 09 10 11 12
22 23 06/11 01 02 03 04 05 06 07 08 09
GMT 06/10/08 (162)
DAY/NIGHT
DAILY ORBIT
9 10 11 12 13 14 15 16
ISS TDRS AVAIL
TLM FORMAT
PRR
PQQ
ISS ATTITUDE
+XVV +ZLV TEA
ALL VHF
KU/RSSY
SBD
AR-CDRA-DEACT
RS-CONTG-TLM
DPC
ITCS-LB LTL STPT-CHG
TCS-PMA2-HTR-CNFG
CCS-TLM FORMAT-SWAP
SDMS-DATA-DUMP
CDH-EXT MDM-PPL LOAD
PL
EXPRS4-SYS-PWR/THERM
MELFI-ALL DEWARS-OPS
MISSE6-PL-OPS
JEM
MCC
RS-CONTG-TLM
STS FCT H/O (2/3)
CCS-TLM FORMAT-SWAP
STS FCT H/O (3/1)
ER/COL
EXPRS4-SYS-PWR/THERM
SAMS-ICU W/RTS-DNLK
NOTES


GMT 06/11/08 (163)
MET Day 010
10 11 12 13 14 15 16 17 18 19 20 21
12 13 14 15 16 17 18 19 20 21 22 23 011/00
FD12
STS-124
CDR KELLY
POST SLEEP
PAO EVENT
IMU
OFF DUTY
EXERCISE
OFF DUTY
MEAL
OFF DUTY
PFC
OFF DUTY
-ZLV +YVV
COMM 1
PLT HAM
POST SLEEP
PAO EVENT
OFF DUTY
PFC
EXERCISE
OFF DUTY
MEAL
OFF DUTY
SIMO INIT
MS1 NYBERG
POST SLEEP
PAO EVENT
OFF DUTY
PFC
EXERCISE
OFF DUTY
MEAL
OFF DUTY
MCIU
OBSS BERTH
RMS PWRDN
MS2 GARAN
POST SLEEP
PAO EVENT
OFF DUTY
PFC
EXERCISE
OFF DUTY
MEAL
OFF DUTY
OBSS BERTH
RMS PWRDN
MS3 FOSSUM
POST SLEEP
PAO EVENT
OFF DUTY
PFC
OFF DUTY
MEAL
OFF DUTY
EXERCISE
OFF DUTY
MS4 HOSHIDE
POST SLEEP
ANALOG PAO S/U
PAO EVENT
OFF DUTY
PFC
OFF DUTY
MEAL
OFF DUTY
EXERCISE
MS5 REISMAN
POST SLEEP
PAO EVENT
EXERCISE
OFF DUTY
MEAL
PFC
OFF DUTY
STS
DAY/NIGHT
ORBIT
167 168 169 170 171 172 173 174
TDRS
W -171
E -46
Z 275
ORB ATT
-ZLV -XVV
-ZLV +YVV
GND
MLA
DFR
WSS
DFR
WSS
NOTES


GMT 06/11/08 (163)
MET Day 011
011/00 22 23 06/12 01 02 03 04 05 06 07 08 09 10 11 12
FD12
STS-124
CDR KELLY
PRE SLEEP
-ZLV
-XVV
PMC A/G
PRE SLEEP
SLEEP
POST SLEEP
PLT HAM
PS
SIMO TERM
PRE SLEEP
SLEEP
POST SLEEP
MS1 NYBERG
PRE SLEEP
SLEEP
LOG
POST SLEEP
MS2 GARAN
PRE SLEEP
SLEEP
LOG
POST SLEEP
MS3 FOSSUM
PRE SLEEP
SLEEP
SLVA
DRYSLV
POST SLEEP
DRYSLV
POST SLEEP
MS4 HOSHIDE
PRE SLEEP
SLEEP
SLVA
DRYSLV
POST SLEEP
DRYSLV
POST SLEEP
MS5 REISMAN
PRE SLEEP
SLEEP
SLVA
DRYSLV
POST SLEEP
DRYSLV
POST SLEEP
STS
DAY/NIGHT
ORBIT
174 175 176 177 178 179 180 181 182
TDRS
W -171
E -46
Z 275
ORB ATT
-ZLV -XVV
GND
DFR
DFR
DFR
WSS
MLA
DFR
WSS
DFR
NOTES

GMT 06/12/08 (164) — MET Day 011 — 012/00

FD13

STS-124		
CDR KELLY	POST SLEEP	EXERCISE
PLT HAM	POST SLEEP	W/B^ IMU FILTER CLEANING
MS1 NYBERG	POST SLEEP	CABIN STOW
MS2 GARAN	POST SLEEP	CABIN STOW
MS3 FOSSUM	POST SLEEP	CABIN STOW
MS4 HOSHIDE	POST SLEEP	EXERCISE
MS5 REISMAN	POST SLEEP	EXERCISE

CDR KELLY	FCS C/O	RCS HOT	FIRE	OAΔ OA BURN	+ZLV +YVV	FESINT	PILOT OPS		D/O BRIEF	L-1 CM CK	MEAL	FESTRM	L-1 CM CK	CABIN STOW	MADS*	ERG STOW	PAO EVENT	CABIN STOW	-ZLV -XVV	L-1 CM CK	PRE SLEEP
PLT HAM	FCS C/O	RCS HOT	FIRE	OA BURN	COND INIT		PILOT OPS	COND TERM	D/O BRIEF		MEAL	COND INIT	EXERCISE	COND TERM	COND INIT	PAO EVENT	CABIN STOW	COND TERM	COMM2 ENTRY*	GAP TERM	PRE SLEEP
MS1 NYBERG	CABIN STOW		EXERCISE	CABIN STOW					D/O BRIEF	BLOOD SLEEP OUP	MEAL	BLOOD DPAR OW	CU	LA	STOW	CABIN STOW	PAO EVENT	CABIN STOW	KUSTO	PGSC STOW PART I	PRE SLEEP
MS2 GARAN	CABIN STOW	FCS C/O	RCS HOT FIRE	EXERCISE			PILOT OPS		D/O BRIEF		MEAL	WLESS DEACT	CABIN STOW				PAO EVENT	CABIN STOW	KUSTO	CSA BOIW N	PRE SLEEP
MS3 FOSSUM	CABIN STOW		EXERCISE	EVNTREY INDEO	CABIN STOW	DRYSLV	CABIN STOW		D/O BRIEF		MEAL	CABIN STOW	BLOOD DSRUAB WJ		DRYSLV	ERG STOW	PAO EVENT	CABIN STOW			PRE SLEEP
MS4 HOSHIDE	CABIN STOW					DRYSLV	CABIN STOW	ANALOG PAO S/U	D/O BRIEF		MEAL	SSEV DEACT	BLOOD DSRUAB WJ	CABIN STOW	DRYSLV	CABIN STOW	PAO EVENT	RCMBNT SEAT S/U	LAUNCH ENTRY SUIT CK		PRE SLEEP
MS5 REISMAN	CABIN STOW					DRYSLV	CABIN STOW		D/O BRIEF		MEAL	BLOOD DSRUAB WJ	CABIN STOW		DRYSLV	CABIN STOW	PAO EVENT	RCMBNT SEAT S/U	LAUNCH ENTRY SUIT CK		PRE SLEEP

STS	
DAY/NIGHT	
ORBIT	182 183 184 185 186 187 188 189 190
TDRS	W -171 / E -46 / Z 275
ORB ATT	-ZLV -XVV — OA — +ZLV +YVV — -ZLV -XVV
GND	MLA — WSS — DFR — WSS — DFR -WSS

NOTES: ^HEATER ACT — *PWR ON — *COOL CNFG

GMT 06/12/08 (164) 012/00 22 01 23 02 06/13 03 01 04 02 05 03 06 04 07 05 08 06 09 07 10 08 11 09 12

MET Day 012

FD13

STS-124						
CDR KELLY	PRE SLEEP	PMC A/G	PRE SLEEP	SLEEP	POST SLEEP	PMC A/G
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	PRE SLEEP		DRY SLV	SLEEP	POST SLEEP	
MS4 HOSHIDE	PRE SLEEP		DRY SLV	SLEEP	POST SLEEP	
MS5 REISMAN	PRE SLEEP		DRY SLV	SLEEP	POST SLEEP	

STS		
DAY/NIGHT		
ORBIT		190 191 192 193 194 195 196 197 198
TDRS	W -171	
	E -46	
	Z 275	
ORB ATT		-ZLV -XVV
GND		-DFR -DFR -MLA -DFR -WSS -MLA -DFR -WSS -DFR
NOTES		

GMT 06/13/08 (165) — MET Day 012

10 13 11 14 12 15 13 16 14 17 15 18 16 19 17 20 18 21 19 22 20 23 21 013/00

FD14

STS-124

CDR KELLY	POST SLEEP	GRPB	PWRUP	IMU ALIGN & VERIF	-XSI	MNVR	DEORBIT PREP					
PLT HAM	POST SLEEP	GRPB	PWRUP	SAMPL	GIRA	STOW	DEORBIT PREP					
MS1 NYBERG	POST SLEEP	MDS@	OCAC	STOW	WATCH*	DEORBIT PREP						
MS2 GARAN	POST SLEEP	PGSC	DEACT	PRNTR	STOW	WATCH*	DEORBIT PREP					
MS3 FOSSUM	POST SLEEP	FMK	STOW	DEORBIT PREP								
MS4 HOSHIDE	POST SLEEP	DEORBIT PREP										
MS5 REISMAN	POST SLEEP	SLVA	STOW	WATCH*	DEORBIT PREP							

DEORBIT BURN *

KSC LANDING

STS

DAY/NIGHT												
ORBIT	198	199	200	201	202	203	204	205	206			
TDRS W -171												
TDRS E -46												
TDRS Z 275												
ORB ATT	-ZLV -XVV	IMU	-XSI	COMM	ENTRY							
GND						MLA	DFR WSS	DFR WSS	DFR			

NOTES: @ENABLE *DOFF

DEORBIT TIG (12/18:05) **LANDING (12/19:08)**

* Midodrine FLT PLN/124/FIN

DETAILED TIMELINE

DETAILED TIMELINE

STS-124 FD01

GMT Date 05/31 (152) | W | TDRSE | Z | D/N | ORB | MET Day 000 | STS ATT

CDR KELLY | PLT HAM | MS1 NYBERG | Notes

00:00 | 01:00 | 02:00 | 03:00 | 04:00

22:00 | 23:00 | 00:00 | 01:00

ASC | OMS2 | -ZLV +YVV | NC1 | -ZLV -XVV

FD01 EZ ACTIVITIES:

- PCS 1(2) CONFIG (ORB OPS, ECLS)
  - Config to PCS 2 with 14.7 CAB REG INLET SYS 2 vlv - CL
- LAMP TEST (ORB OPS, EPS)
- SMOKE DETN CKT TEST (ORB OPS, ECLS)
- CSA-CP BATTERY CHANGEOUT(ORB OPS, CSA-CP)
- CSA-CP CHECKOUT AND ZERO CALIBRATION OPS (ORB OPS, CSA-CP)
- DATE/TIME SET (P/TV, D2Xs)
- VTR CLOCK SET (P/TV, DTV) if not performed for PLBD rec

ACTIVITIES PRIOR TO 00/02:30 ARE IN THE ASCENT AND POST INSERTION CHECKLISTS. THE ORBITER SHOULD BE IN A -ZLV +YVV ATTITUDE UPON ENTERING THE FLIGHT PLAN.

ASCENT | ASCENT

POST INSERTION | POST INSERTION | POST INSERTION

UPLINK
β21 + Mask

ON-ORBIT OMS BURN
(ORB OPS, OMS)

ON-ORBIT OMS BURN
(ORB OPS, OMS)

ON-ORBIT INIT (PDRS, ON-ORBIT INIT)
Do not perform STBD HTR ACT in Step 5.

STBD MRL RELEASE (PDRS, UNDOCKED OPS)
L17 Check MCIU filter screen

UPDATE
ORBITAL MNVR PAD
UPDATE
TFL 188

< NC1 TIG (02:59)

MNVR (TRK) -ZLV -XVV
TG=2 BV=3 OM=0
A1/AUTO/VERN Init TRK

M069M Insert Bleed Orifice Assy
into LEH 02 8 QD
LEH 02 8 vlv - OP

PGSC SETUP (PART I)
Setup minimum config per A

A PGSC NETWORK (ORB OPS, PGSC)
Setup KFX, OCA Router, WLES, RPOP2, & RF LAN Access Point
COLOR PRINTER UNSTW & ASSMBLE
(ORB OPS, PGSC)
PGSC HARD DISK LATE UPDATE
Update all Network PGSCs w/late update disk

PRIOR PWRDN GRP B (ORB PKT, PRI PWRDN)
Omit Steps 3,7,13(In Step 6, Single G2)
(In Step 12, IMU 3 STBY - ITEM 23 EXEC)

PRIOR PWRDN GRP B (ORB PKT, PRI PWRDN)
Omit Steps 3,7,13(In Step 6, Single G2)
(In Step 12, IMU 3 STBY - ITEM 23 EXEC)

IMU STAR OF OPTY ALIGN (ORB OPS, GNC)

JPM HEATER ACT
A15 APCU 1,2 OUTPUT(two) - ON
CONV(two) - ON

AFT CONTROLLER C/O
(ORB OPS, GNC)

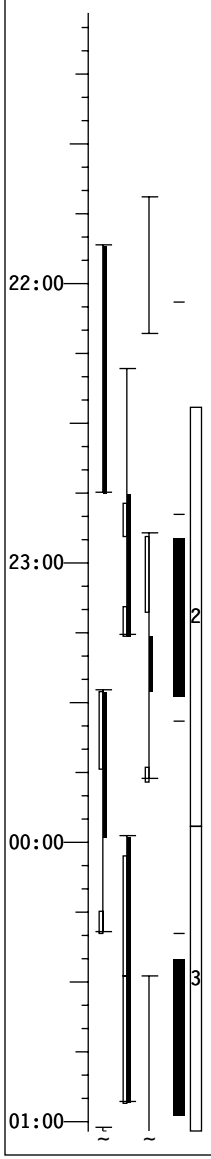
ELEVON PARK
(ORB OPS, GNC)

STS-124 DAP A(B)CONFIGS(ORB OPS,DAP TABLE)
Update per DAP Tables

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

STS-124 FD01

GMT Date 05/31 (152) | W | TDRSE | Z | D/N | ORB | MET Day 000 | STS ATT | MS2 GARAN | MS3 FOSSUM | MS4 HOSHIDE | MS5 CHAMITOFF | Notes



00:00 01:00 02:00 03:00 04:00

ASC

OMS2

-ZLV +YVV

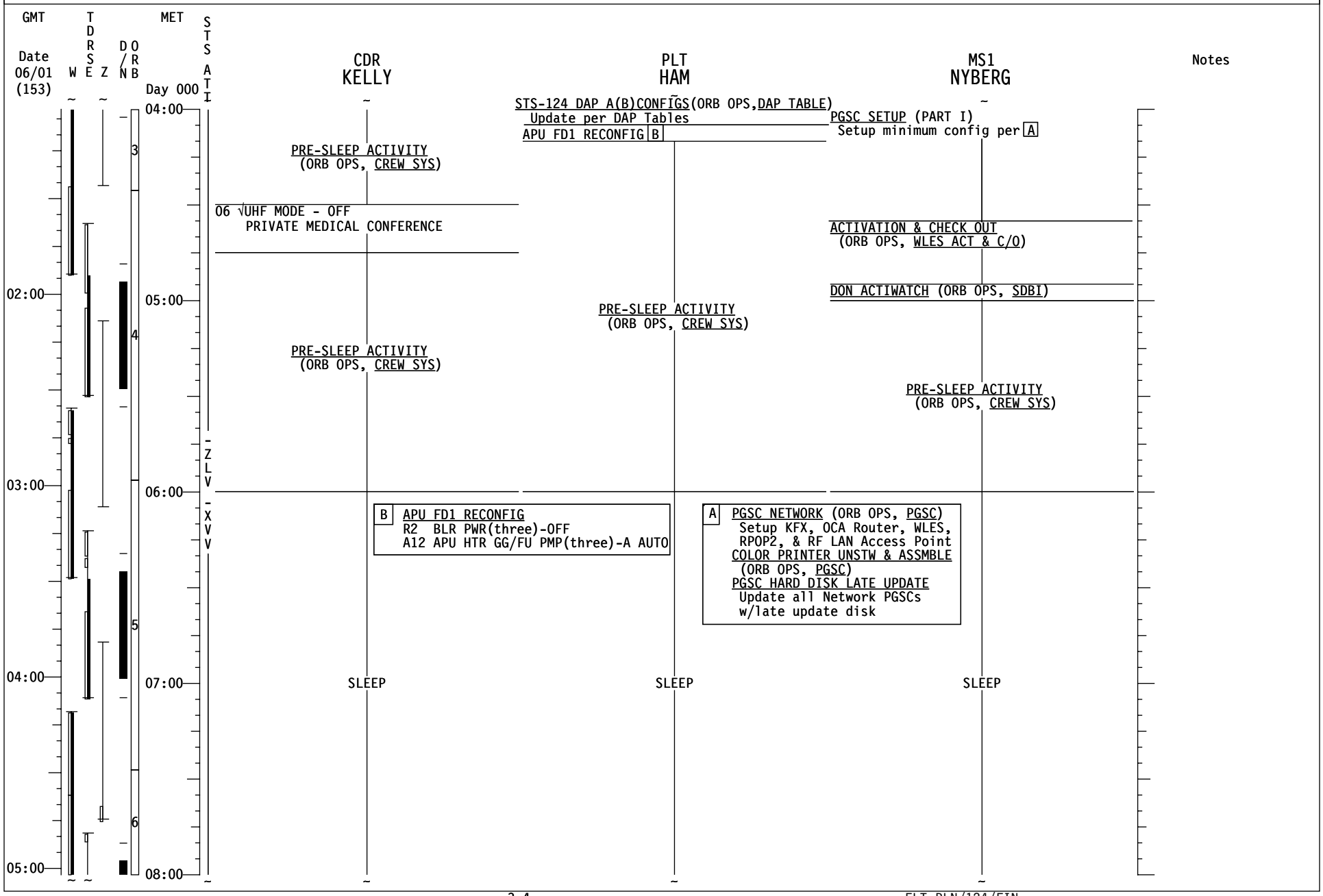
NC1

-ZLV -XVV

MS2 GARAN	MS3 FOSSUM	MS4 HOSHIDE	MS5 CHAMITOFF
ASCENT	ASCENT	ASCENT	ASCENT
POST INSERTION	POST INSERTION	POST INSERTION	POST INSERTION
PGSC SETUP (PART I) Setup minimum config per A	OCAC SETUP (ORB OPS, CREW SYS) P/TV01 VIDEO SETUP (PHOTO/TV, SCENES)	P/TV01 VIDEO SETUP (PHOTO/TV, SCENES)	GALLEY IODINE REMOVAL ASSEMBLY (GIRA) INSTALLATION (ORB OPS, ECLS) SHUTTLE EMERGENCY EYEWASH (SEE) Unstow,attach on or near galley. Fill one drink container and label it "FOR EYE RINSE ONLY" and attach on or near galley.

A PGSC NETWORK (ORB OPS, PGSC)
Setup KFX, OCA Router, WLES, RPOP2, & RF LAN Access Point
COLOR PRINTER UNSTW & ASSMBLE
(ORB OPS, PGSC)
PGSC HARD DISK LATE UPDATE
Update all Network PGSCs w/late update disk

STS-124 FD01


GMT
Date 06/01 (153)
W
TDRSE
Z
D/N
ORB
MET
Day 000
STS ATI
CDR KELLY
PLT HAM
MS1 NYBERG
Notes
02:00
03:00
04:00
05:00
04:00
05:00
06:00
07:00
08:00
3
4
5
6
-ZLV
-XVV
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
06 √UHF MODE - OFF
PRIVATE MEDICAL CONFERENCE
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
SLEEP
STS-124 DAP A(B)CONFIGS(ORB OPS,DAP TABLE)
Update per DAP Tables
APU FD1 RECONFIG B
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
SLEEP
PGSC SETUP (PART I)
Setup minimum config per A
ACTIVATION & CHECK OUT (ORB OPS, WLES ACT & C/O)
DON ACTIWATCH (ORB OPS, SDBI)
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
SLEEP
B APU FD1 RECONFIG
R2 BLR PWR(three)-OFF
A12 APU HTR GG/FU PMP(three)-A AUTO
A PGSC NETWORK (ORB OPS, PGSC)
Setup KFX, OCA Router, WLES, RPOP2, & RF LAN Access Point
COLOR PRINTER UNSTW & ASSMBLE (ORB OPS, PGSC)
PGSC HARD DISK LATE UPDATE
Update all Network PGSCs w/late update disk

STS-124 FD01

GMT Date 06/01 (153) | W | TDRSE | Z | D/N | ORB | MET Day 000 | STS ATI | MS2 GARAN | MS3 FOSSUM | MS4 HOSHIDE | MS5 CHAMITOFF | Notes

02:00 03:00 04:00 05:00

04:00 05:00 06:00 07:00 08:00

3 4 5 6

-ZLV -XVV

MS2 GARAN

PGSC SETUP (PART I)
Setup minimum config per A

UMBILICAL WELL TPS CAMERA IMAGERY D/L
(ORB OPS, PGSC)

DON ACTIWATCH (ORB OPS, SDBI)

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

SLEEP

MS3 FOSSUM

P/TV01 VIDEO SETUP
(PHOTO/TV, SCENES)

DCS FILE XFER (P/TV,D2Xs)
ET HANDHELD PHOTO

PLAYBACK (DIGITAL)
(PHOTO/TV, CUE CARD)
ET HANDHELD VIDEO D/L

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

SLEEP

MS4 HOSHIDE

P/TV01 VIDEO SETUP
(PHOTO/TV, SCENES)

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
In Step 6, disregard L10(DTV) actions.

SLEEP

MS5 CHAMITOFF

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

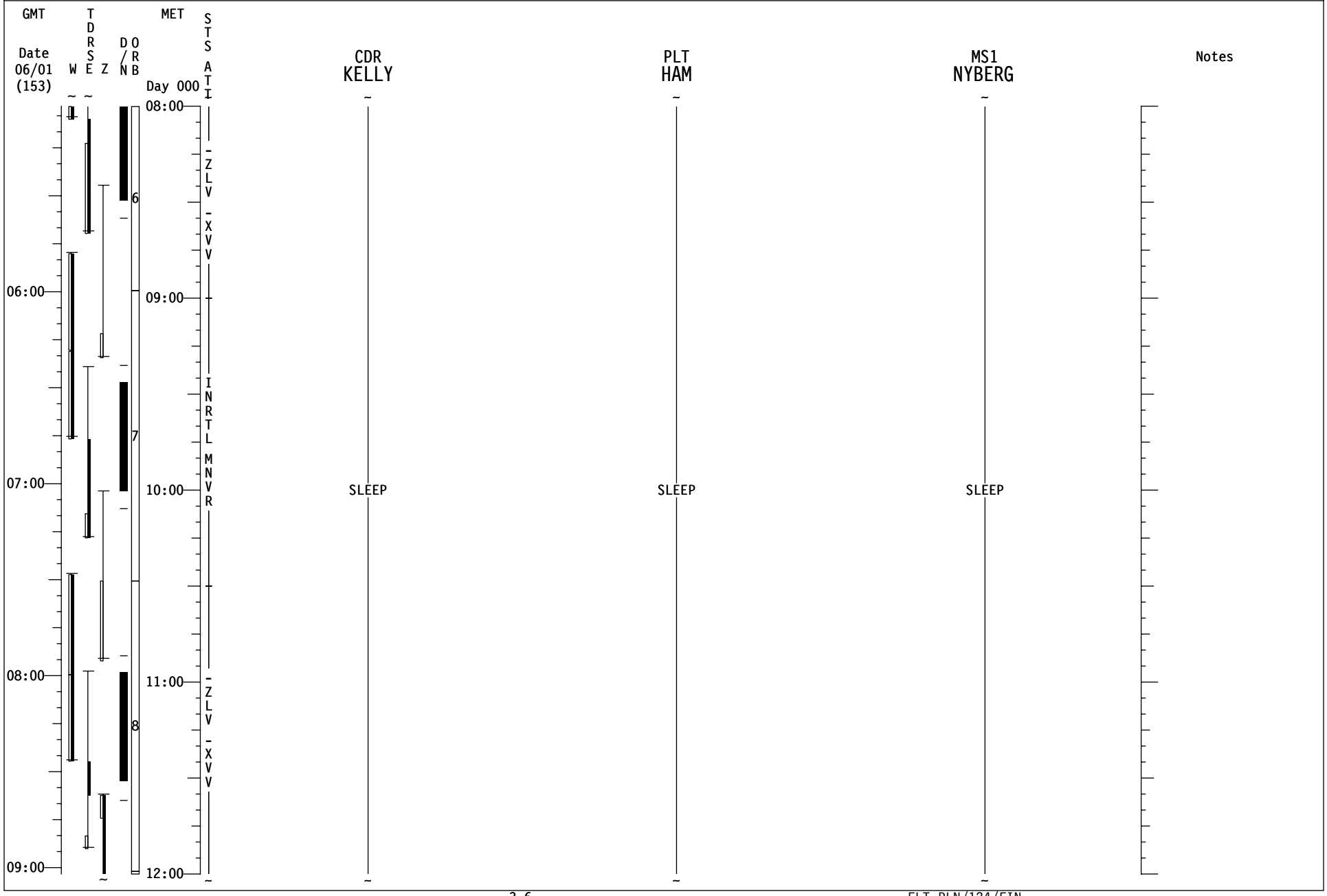
DON ACTIWATCH (ORB OPS, SDBI)

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

SLEEP

A PGSC NETWORK (ORB OPS, PGSC)
Setup KFX, OCA Router, WLES, RPOP2, & RF LAN Access Point
COLOR PRINTER UNSTW & ASSMBLE
(ORB OPS, PGSC)
PGSC HARD DISK LATE UPDATE
Update all Network PGSCs w/late update disk

STS-124 FD01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Day 000
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A
T
I
CDR
KELLY
PLT
HAM
MS1
NYBERG
Notes
06:00
07:00
08:00
09:00
08:00
09:00
10:00
11:00
12:00
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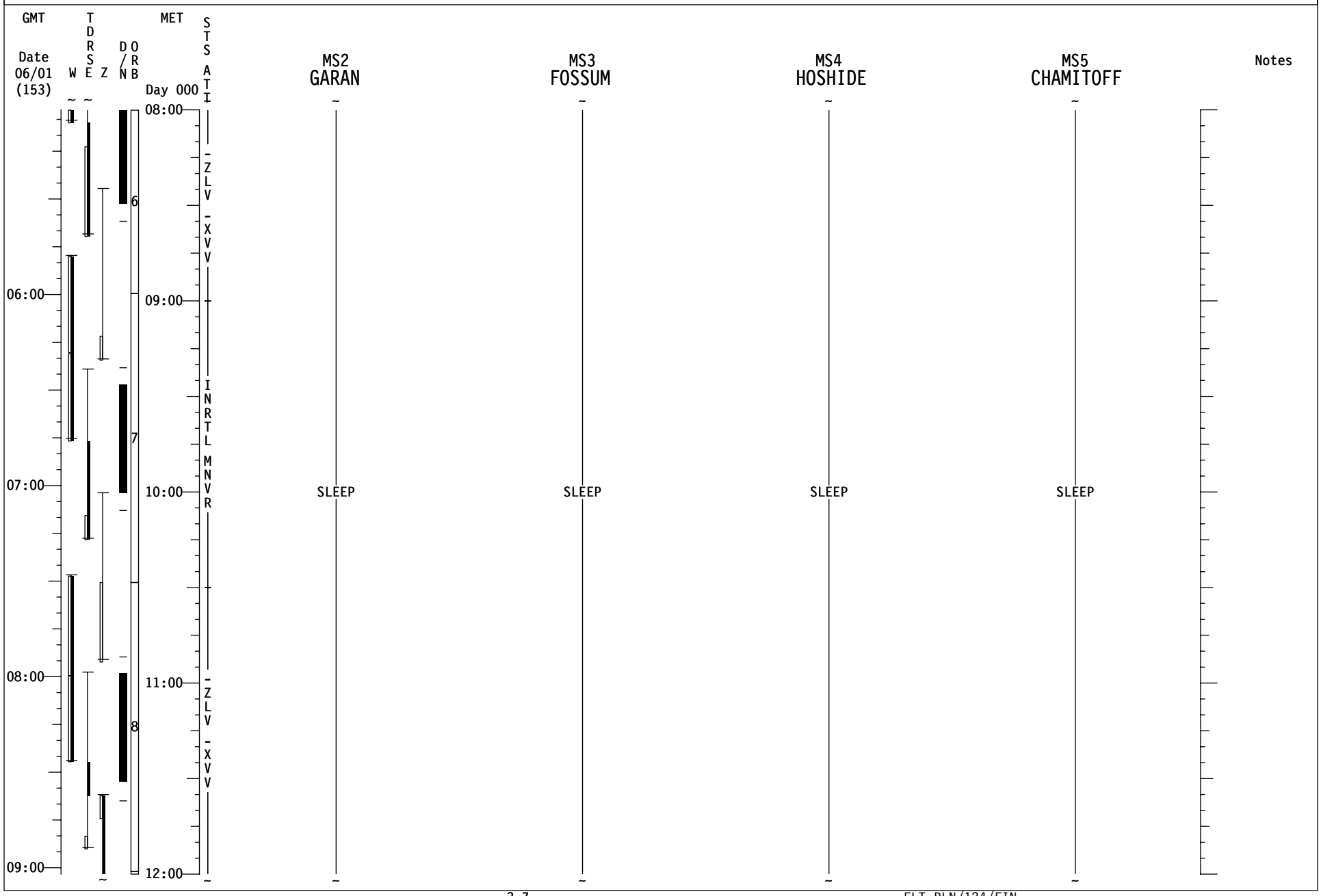
7
8
-ZLV
-XVV
INRTL
MNVR
-ZLV
-XVV
SLEEP
SLEEP
SLEEP

STS-124 FD01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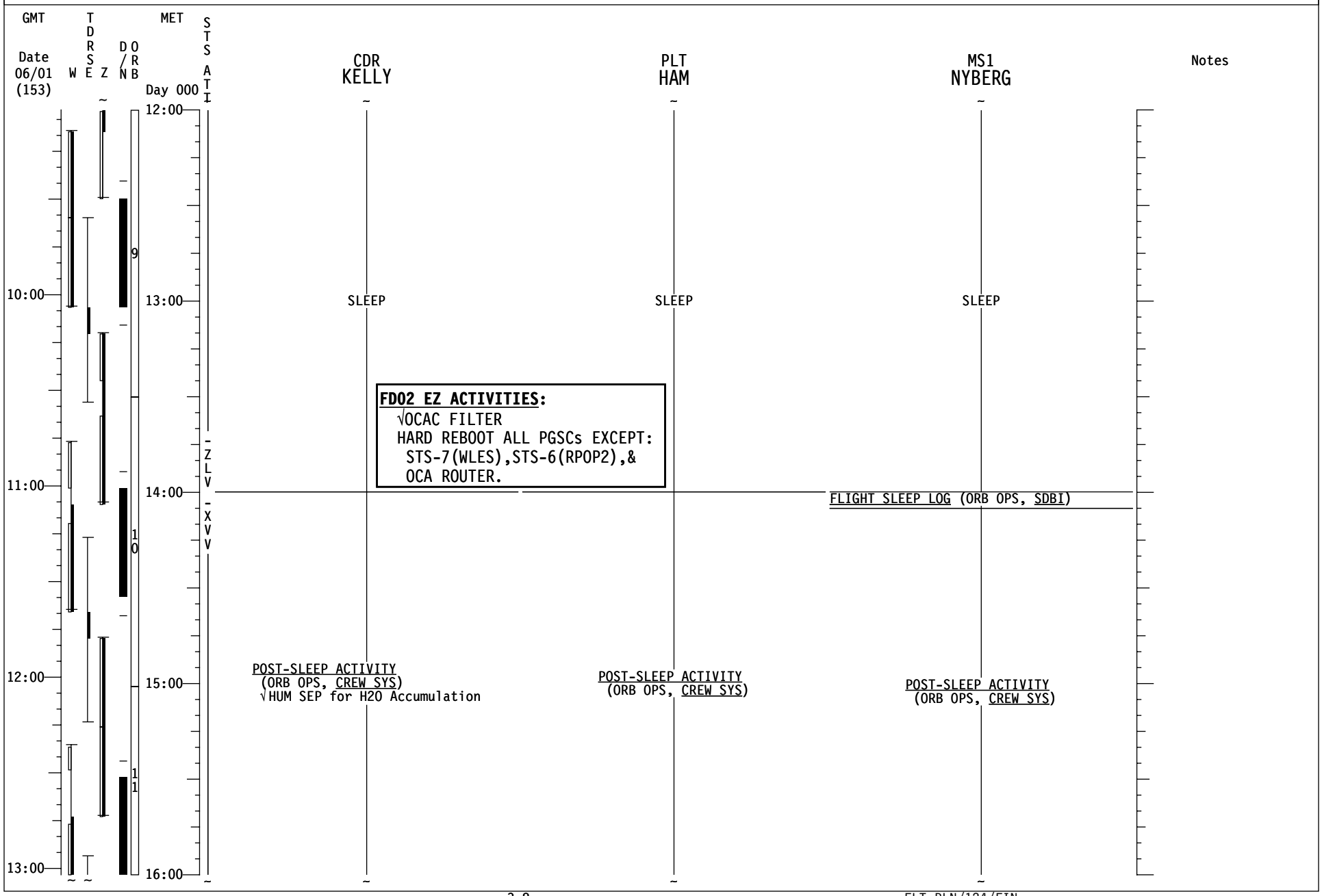
MS2
GARAN
MS3
FOSSUM
MS4
HOSHIDE
MS5
CHAMITOFF
Notes
06:00
07:00
08:00
09:00
08:00
09:00
10:00
11:00
12:00
6
7
8
-ZLV
-XVV
INRTL
MNVR
-ZLV
-XVV
SLEEP
SLEEP
SLEEP
SLEEP

STS-124 FD02


GMT
Date 06/01 (153)
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TDRSE
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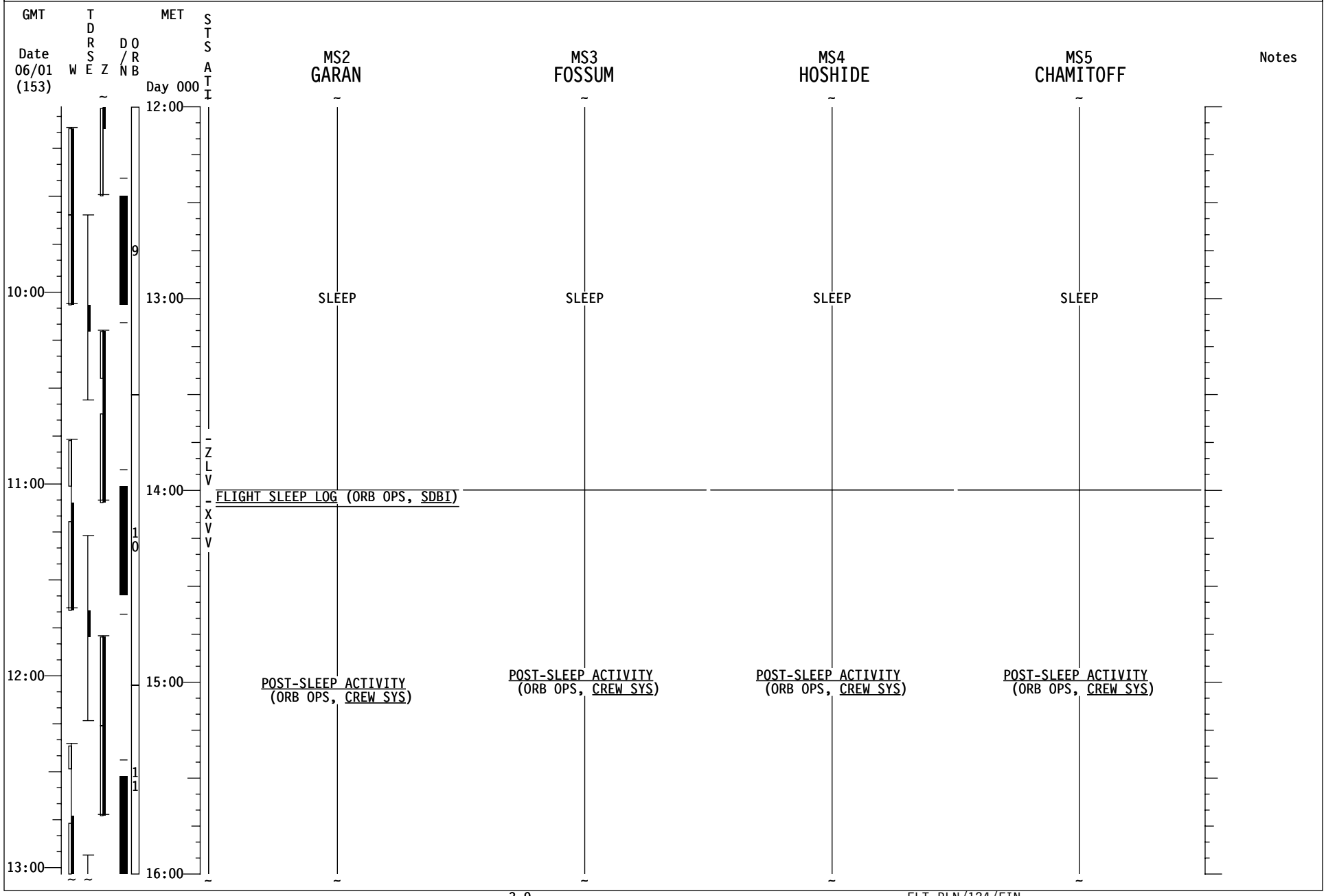
D/N
ORB
MET
Day 000
STS ATI
CDR KELLY
PLT HAM
MS1 NYBERG
Notes
12:00
13:00
14:00
15:00
16:00
10:00
11:00
12:00
13:00
9
10
11
SLEEP
SLEEP
SLEEP
FD02 EZ ACTIVITIES:
√OCAC FILTER
HARD REBOOT ALL PGSCs EXCEPT:
STS-7(WLES),STS-6(RPOP2),&
OCA ROUTER.
-ZLV
-XVV
FLIGHT SLEEP LOG (ORB OPS, SDBI)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
√HUM SEP for H2O Accumulation
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

STS-124 FD02


GMT
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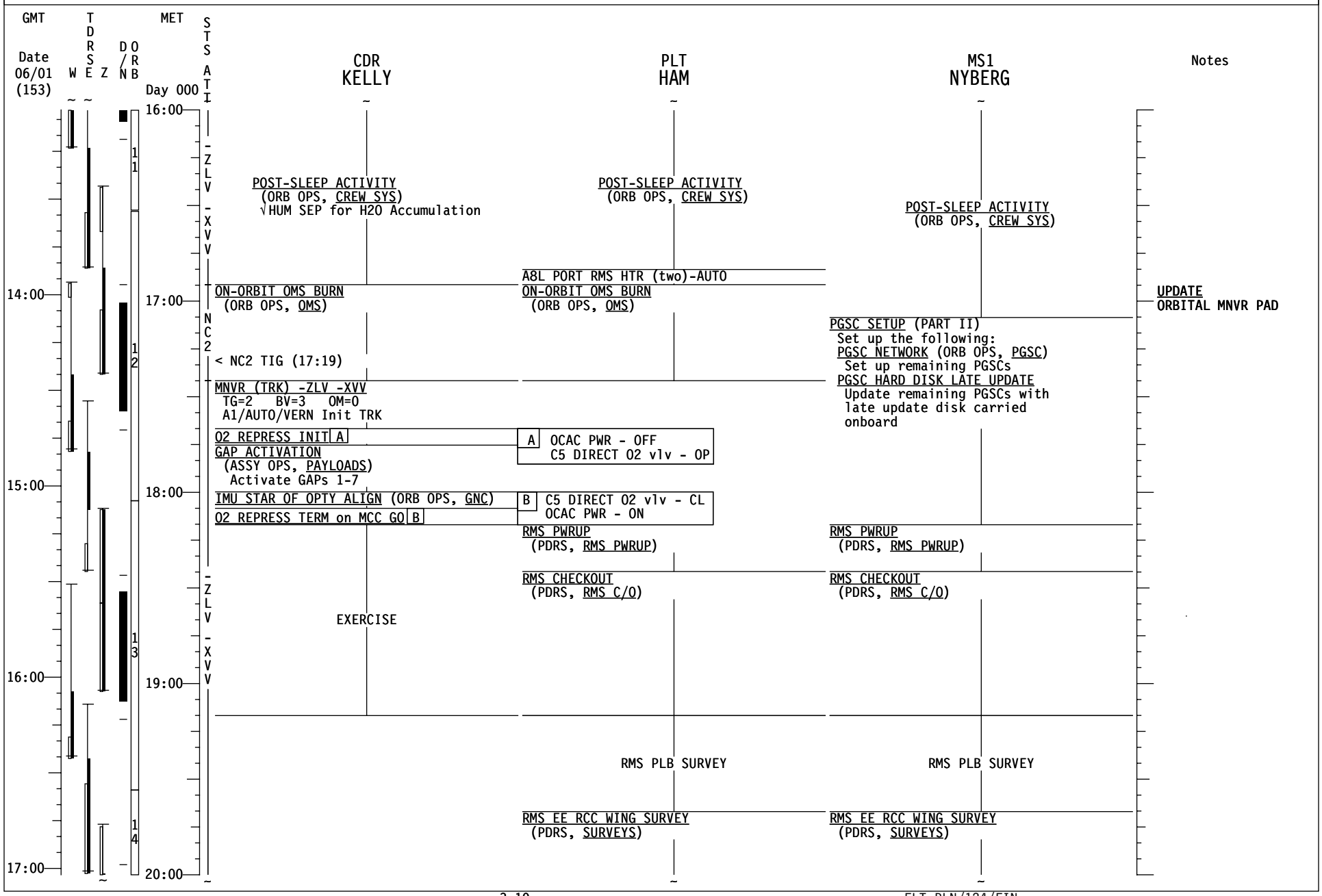
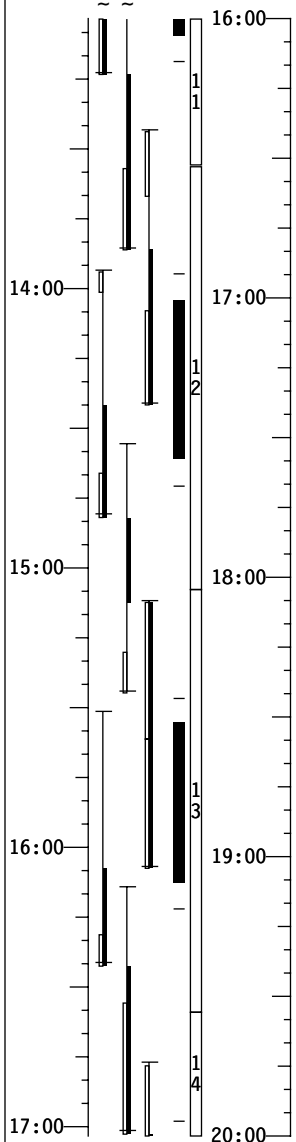
I
MS2
GARAN
MS3
FOSSUM
MS4
HOSHIDE
MS5
CHAMITOFF
Notes
10:00
11:00
12:00
13:00
12:00
13:00
14:00
15:00
16:00
9
10
11
-ZLV
-XVV
SLEEP
SLEEP
SLEEP
SLEEP
FLIGHT SLEEP LOG (ORB OPS, SDBI)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

STS-124 FD02


GMT
Date 06/01 (153)
W
TDRSE
Z
D/N
ORB
MET
Day 000
STS ATI
CDR KELLY
PLT HAM
MS1 NYBERG
Notes
16:00
17:00
18:00
19:00
20:00
14:00
15:00
16:00
17:00
-ZLV -XVV
NC2
-ZLV -XVV
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
√HUM SEP for H2O Accumulation
ON-ORBIT OMS BURN
(ORB OPS, OMS)
< NC2 TIG (17:19)
MNVR (TRK) -ZLV -XVV
TG=2 BV=3 OM=0
A1/AUTO/VERN Init TRK
O2 REPRESS INIT A
GAP ACTIVATION
(ASSY OPS, PAYLOADS)
Activate GAPs 1-7
IMU STAR OF OPTY ALIGN (ORB OPS, GNC)
O2 REPRESS TERM on MCC GO B
EXERCISE
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
A8L PORT RMS HTR (two)-AUTO
ON-ORBIT OMS BURN
(ORB OPS, OMS)
A OCAC PWR - OFF
C5 DIRECT O2 vlv - OP
B C5 DIRECT O2 vlv - CL
OCAC PWR - ON
RMS PWRUP
(PDRS, RMS PWRUP)
RMS CHECKOUT
(PDRS, RMS C/O)
RMS PLB SURVEY
RMS EE RCC WING SURVEY
(PDRS, SURVEYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
PGSC SETUP (PART II)
Set up the following:
PGSC NETWORK (ORB OPS, PGSC)
Set up remaining PGSCs
PGSC HARD DISK LATE UPDATE
Update remaining PGSCs with
late update disk carried
onboard
RMS PWRUP
(PDRS, RMS PWRUP)
RMS CHECKOUT
(PDRS, RMS C/O)
RMS PLB SURVEY
RMS EE RCC WING SURVEY
(PDRS, SURVEYS)
UPDATE
ORBITAL MNVR PAD
11
12
13
14

STS-124 FD02

GMT Date 06/01 (153) | W | TDRSE | Z | D/N | ORB | MET Day 000 | STS ATI



STS ATI: -ZLV -XVV NC2 -ZLV -XVV

MS2 GARAN

POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

EMU CHECKOUT PREP
(EVA, A/L CONFIG)

EMU CHECKOUT
(EVA, CHECKOUTS)
Perform for 2 EMUs
MCC will TMBU s/w limits.

MS3 FOSSUM

POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

CYCLE ERGOMETER OPS
(ORB OPS, CREW SYS)
Perform ERGOMETER SETUP

EMU CHECKOUT PREP
(EVA, A/L CONFIG)

EMU CHECKOUT
(EVA, CHECKOUTS)
Perform for 2 EMUs
MCC will TMBU s/w limits.

RMS EE RCC WING SURVEY
(PDRS, SURVEYS)

MS4 HOSHIDE

POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

TRANSFER UPDATE
Ref. MSG XXX

SHUTTLE/ISS H2O CONT FILL
(ORB OPS, ECLS)
Perform EQUIP PREP and
WATER TRANSFER HOSE PURGE.

GALLEY OVRNITE CNFG(ORB OPS,ECLS)
EVA SYS: 1.305 EQUIP LK PREP
Steps 1-3
Fill 6 Drink Bags

√All EVA drink bag fills complete,THEN:
GALLEY MORNING CONFIG (ORB OPS,ECLS)

EXERCISE

MS5 CHAMITOFF

POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

CYCLE ERGOMETER OPS
(ORB OPS, CREW SYS)
Perform ERGOMETER SETUP

EMU CHECKOUT PREP
(EVA, A/L CONFIG)

EMU CHECKOUT
(EVA, CHECKOUTS)
Perform for 2 EMUs
MCC will TMBU s/w limits.

Notes

STS-124 FD02

GMT Date 06/01 (153) | W | TDRSE | Z | D/N | ORB | MET Day 000 | STS ATI

CDR KELLY	PLT HAM	MS1 NYBERG	Notes
	RMS EE RCC WING SURVEY (PDRS, SURVEYS)	RMS EE RCC WING SURVEY (PDRS, SURVEYS)	
CRYO 02 TK HTR SNSR CK (ORB OPS, EPS)			
RCS/OMS POD HTR RECONFIG C			
R2 BLR CNTLR/HTR (three) - B			
FC PURGE - MANUAL (ORB OPS, EPS)			
MIDDECK DUCT CONFIG (RNDZ, APDS) Perform INITIAL CONFIG Steps 1-7			
C A14 RCS/OMS HTR L POD -A OFF -B AUTO R POD -A OFF -B AUTO			
MEAL	MEAL	MEAL	
PUBLIC AFFAIRS EVENT KU TDRX: XX:XX-XX:XX	PUBLIC AFFAIRS EVENT KU TDRX: XX:XX-XX:XX	PUBLIC AFFAIRS EVENT KU TDRX: XX:XX-XX:XX	
FC MONITORING SYS (FCMS) OPS (ORB OPS, EPS)	C/L CAMR INSTALL (PHOTO/TV, C/L CAMR)	C/L CAMR INSTALL (PHOTO/TV, C/L CAMR)	
		DOCKING MECH INITIALIZATION DOCKING MECH POWERUP DOCKING RING EXTENSION DOCKING MECH POWERDOWN (RNDZ, APDS)	
MNVR (TRK) -ZLV +YVV (WASTE DUMP) See Page 3-14			

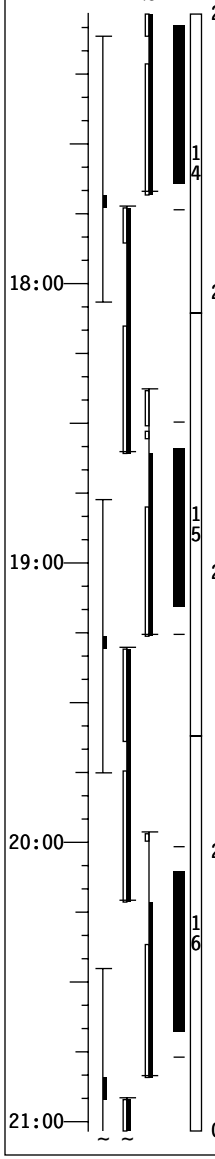
Time scale: 18:00, 19:00, 20:00, 21:00; 20:00, 21:00, 22:00, 23:00, 00:00

Z: 14, 15, 16

-ZLV -XVV

STS-124 FD02

GMT Date 06/01 (153) | W | TDRSE | Z | D/N | ORB | MET Day 000 | STS ATI | MS2 GARAN | MS3 FOSSUM | MS4 HOSHIDE | MS5 CHAMITOFF | Notes



20:00 – 21:00 – 22:00 – 23:00 – 00:00

STS ATI: -ZLV -XVV

MS2 GARAN

EXERCISE

MIDDECK DUCT CONFIG
(RNDZ, APDS)
Perform INITIAL CONFIG
Steps 1-7

MEAL

PUBLIC AFFAIRS EVENT
KU TDRX: XX:XX-XX:XX

EVA PREP FOR TRANSFER TO ISS
(EVA, AIRLOCK CONFIG)

MS3 FOSSUM

RMS EE RCC WING SURVEY
(PDRS, SURVEYS)

MEAL

PUBLIC AFFAIRS EVENT
KU TDRX: XX:XX-XX:XX

EVA PREP FOR TRANSFER TO ISS
(EVA, AIRLOCK CONFIG)

MS4 HOSHIDE

MIDDECK XFER PREP
Ref. MSG XXX

ANALOG PAO CC
(P/TV, SONY PD100)

MEAL

PUBLIC AFFAIRS EVENT
KU TDRX: XX:XX-XX:XX

DOCKING MECH INITIALIZATION
DOCKING MECH POWERUP
DOCKING RING EXTENSION
DOCKING MECH POWERDOWN
(RNDZ, APDS)

MS5 CHAMITOFF

EXERCISE

MEAL

PUBLIC AFFAIRS EVENT
KU TDRX: XX:XX-XX:XX

EVA PREP FOR TRANSFER TO ISS
(EVA, AIRLOCK CONFIG)

STS-124 FD02

GMT Date 06/01 (153) | W | TDRSE | Z | D/N | ORB | MET Day 001 | STS ATT

CDR KELLY	PLT HAM	MS1 NYBERG	Notes
MNVR (TRK) -ZLV +YVV (WASTE DUMP) TG=2 BV=3 OM=270 A1/AUTO/VERN Init TRK		DOCKING RING EXT See Page 3-12	
SUPPLY/WASTE WATER DUMP (ORB OPS, ECLS) Initiate Waste Dump	SUPPLY/WASTE H2O DUMP NOZZLE SURVEY (PDRS, EXTERIOR SURVEYS)	SUPPLY/WASTE H2O DUMP NOZZLE SURVEY (PDRS, EXTERIOR SURVEYS)	UPDATE H2O WASTE DUMP QTY
SUPPLY/WASTE WATER DUMP (ORB OPS, ECLS) Terminate Waste Dump			
	RNDZ TOOLS CHECKOUT (RNDZ, RNDZ TOOLS)	RNDZ TOOLS CHECKOUT (RNDZ, RNDZ TOOLS)	UPDATE TFL 192
			UPDATE TFL 188
ON-ORBIT OMS BURN (ORB OPS, OMS)	ON-ORBIT OMS BURN (ORB OPS, OMS)		UPDATE ORBITAL MNVR PAD
< NC3 TIG (02:20)		EXERCISE	
MNVR (TRK) -ZLV -XVV TG=2 BV=3 OM=0 A1/AUTO/VERN Init TRK			
FUTURE LOADED MNVR -ZLV +YVV (SIMO DUMP) TG=2 BV=3 OM=270 A1/AUTO/VERN (1/13:35) Init TRK			
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
06 √UHF MODE - OFF PRIVATE MEDICAL CONFERENCE			

Time scale: 22:00, 23:00, 00:00, 01:00 — 00:00, 01:00, 02:00, 03:00, 04:00

STS ATT: -ZLV+YVV, NC3, -ZLV-XVV

Day 001: 17, 18, 19

STS-124 FD02

GMT Date 06/01 (153) | W | TDRSE | Z | D/N | ORB | MET Day 001 | STS ATI

MS2 GARAN	MS3 FOSSUM	MS4 HOSHIDE	MS5 CHAMITOFF	Notes
EVA PREP FOR TRANSFER TO ISS (EVA, AIRLOCK CONFIG)	EVA PREP FOR TRANSFER TO ISS (EVA, AIRLOCK CONFIG)	DOCKING RING EXT See Page 3-13 P/TV08 EXTERNAL SURVEY (PHOTO/TV, SCENES) OMS POD SURVEY SETUP, Step 1 OPS, Item 1 FILTER CLEANING (IFM, SCHEDULED MAINTENANCE)	EVA PREP FOR TRANSFER TO ISS (EVA, AIRLOCK CONFIG)	
	EXERCISE	PLAYBACK (DIGITAL) (PHOTO/TV, CUE CARD) SURVEYS KU TDRX (XX:XX-XX:XX)		
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) 06 √UHF MODE - OFF PRIVATE MEDICAL CONFERENCE PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	

Time scale: 22:00, 23:00, 00:00, 01:00 — 00:00, 01:00, 02:00, 03:00, 04:00

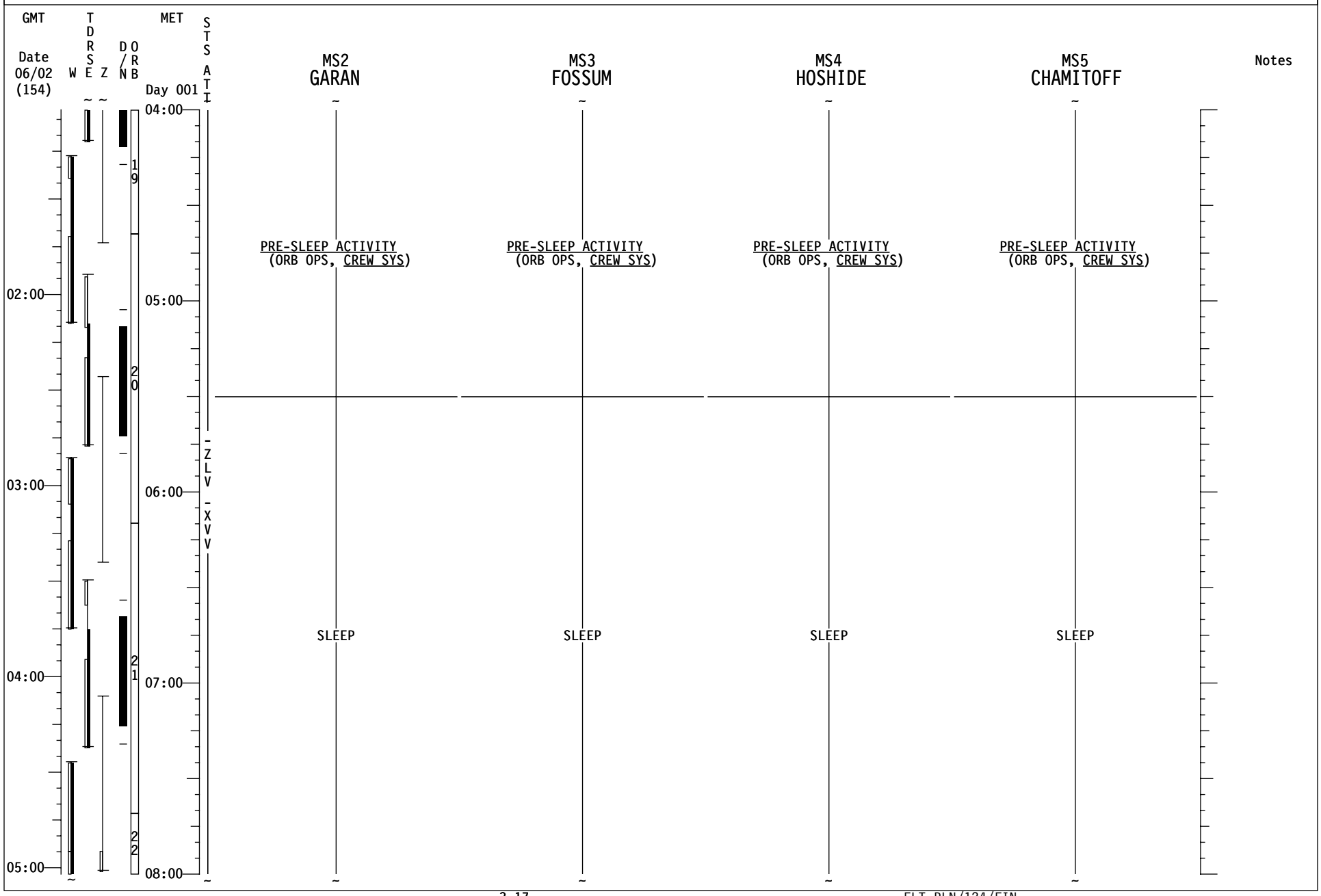
STS ATI: -ZLV+YVV, NC3, -ZLV-XVV

ORB: 17, 18, 19

STS-124 FD02

GMT Date 06/02 (154)	W	T D R S E	Z	D / N	O R B	MET Day 001	STS ATI	CDR KELLY	PLT HAM	MS1 NYBERG	Notes
02:00					19	04:00		PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
03:00					20	05:00					
04:00					21	06:00	-ZLV -XVV	SLEEP	SLEEP	SLEEP	
05:00					22	07:00					
						08:00					

STS-124 FD02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MS2
GARAN
MS3
FOSSUM
MS4
HOSHIDE
MS5
CHAMITOFF
Notes
02:00
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07:00
08:00
19
20
21
22
-ZLV-XVV
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
SLEEP

STS-124 FD02

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KELLY
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HAM
MS1
NYBERG
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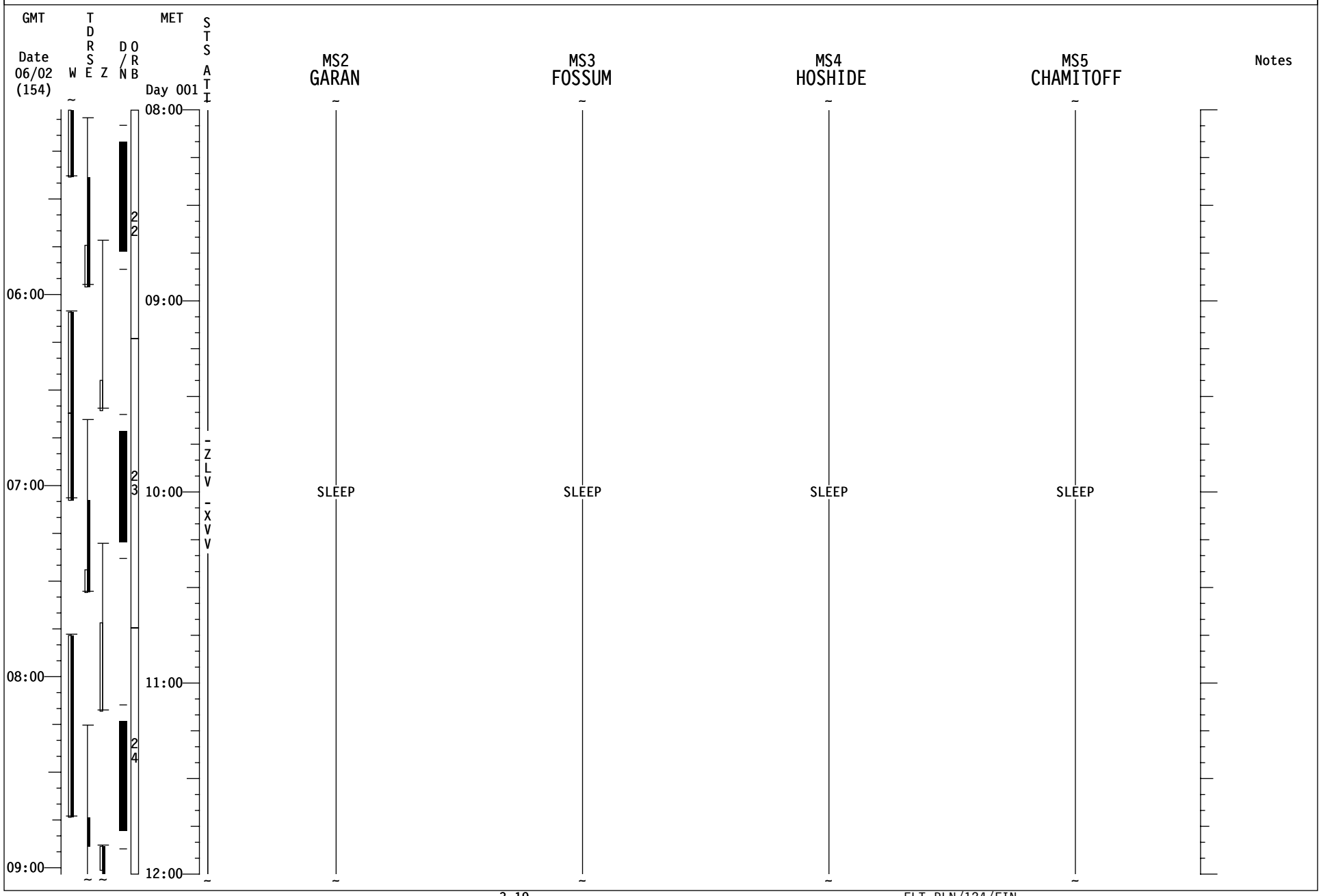
06:00
07:00
08:00
09:00
08:00
09:00
10:00
11:00
12:00
2
2
2
3
2
4
-ZLV
-XVV
SLEEP
SLEEP
SLEEP

STS-124 FD02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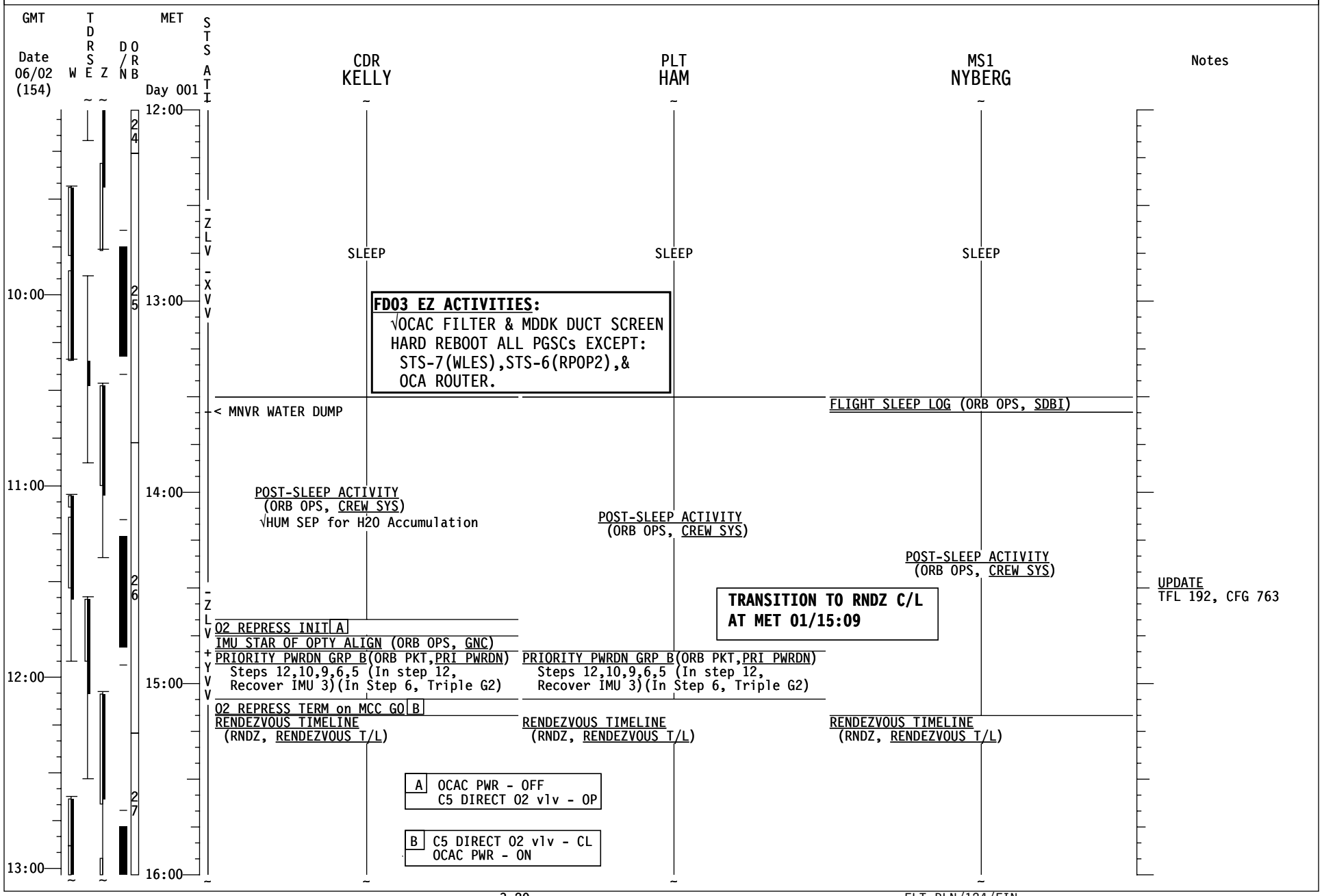
HOSHIDE
SLEEP
MS5
CHAMITOFF
SLEEP
Notes

STS-124 FD03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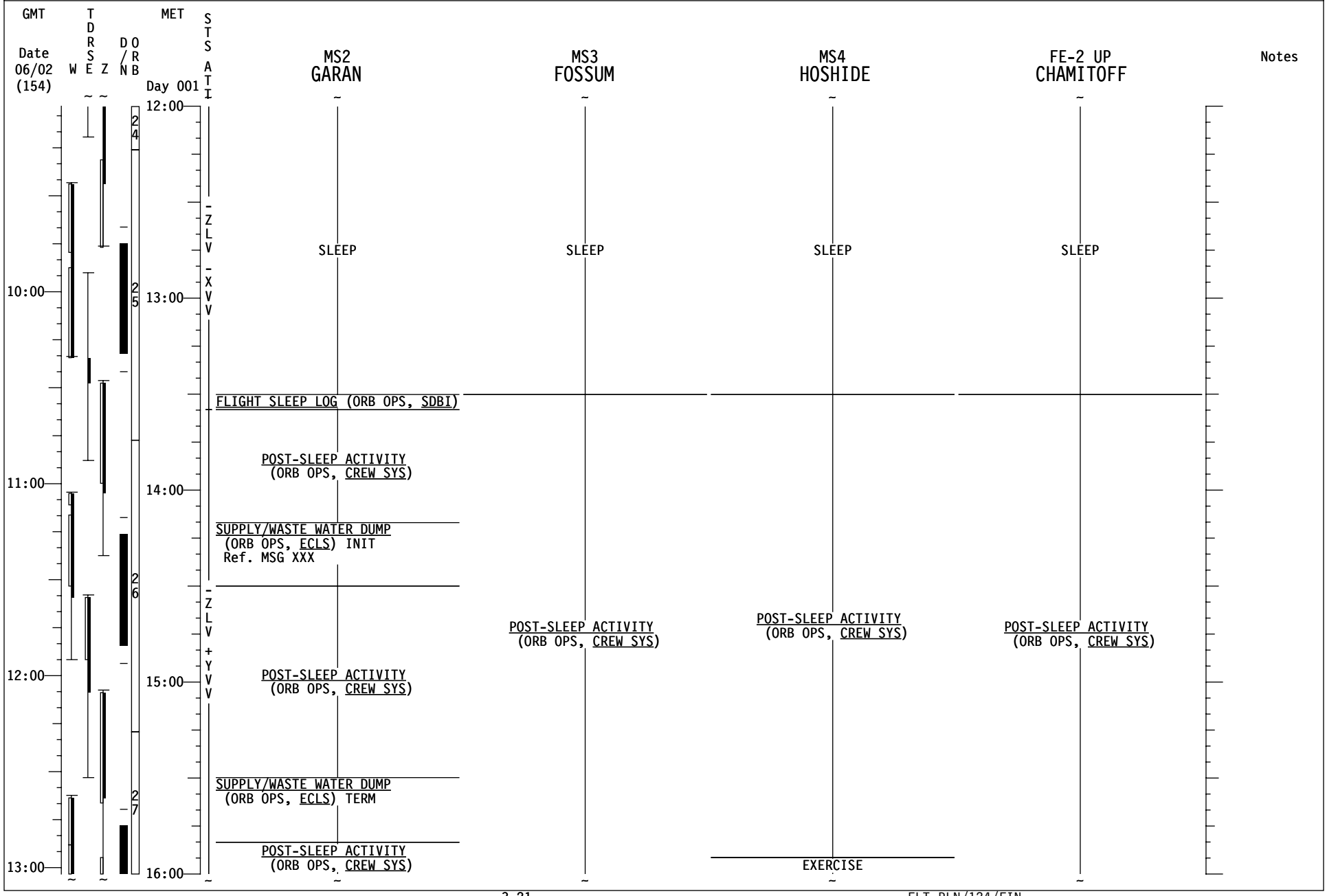
STS ATI
CDR KELLY
PLT HAM
MS1 NYBERG
Notes
12:00
13:00
14:00
15:00
16:00
10:00
11:00
12:00
13:00
24
25
26
27
-ZLV
-XVV
-ZLV
+YVV
SLEEP
SLEEP
SLEEP
FD03 EZ ACTIVITIES:
√OCAC FILTER & MDDK DUCT SCREEN
HARD REBOOT ALL PGSCs EXCEPT:
STS-7(WLES),STS-6(RPOP2),&
OCA ROUTER.
< MNVR WATER DUMP
FLIGHT SLEEP LOG (ORB OPS, SDBI)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
√HUM SEP for H2O Accumulation
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
UPDATE
TFL 192, CFG 763
TRANSITION TO RNDZ C/L
AT MET 01/15:09
O2 REPRESS INIT A
IMU STAR OF OPTY ALIGN (ORB OPS, GNC)
PRIORITY PWRDN GRP B(ORB PKT,PRI PWRDN)
Steps 12,10,9,6,5 (In step 12,
Recover IMU 3)(In Step 6, Triple G2)
PRIORITY PWRDN GRP B(ORB PKT,PRI PWRDN)
Steps 12,10,9,6,5 (In step 12,
Recover IMU 3)(In Step 6, Triple G2)
O2 REPRESS TERM on MCC GO B
RENDEZVOUS TIMELINE
(RNDZ, RENDEZVOUS T/L)
RENDEZVOUS TIMELINE
(RNDZ, RENDEZVOUS T/L)
RENDEZVOUS TIMELINE
(RNDZ, RENDEZVOUS T/L)
A OCAC PWR - OFF
C5 DIRECT O2 vlv - OP
B C5 DIRECT O2 vlv - CL
OCAC PWR - ON

STS-124 FD03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MS2
GARAN
MS3
FOSSUM
MS4
HOSHIDE
FE-2 UP
CHAMITOFF
Notes
10:00
11:00
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14:00
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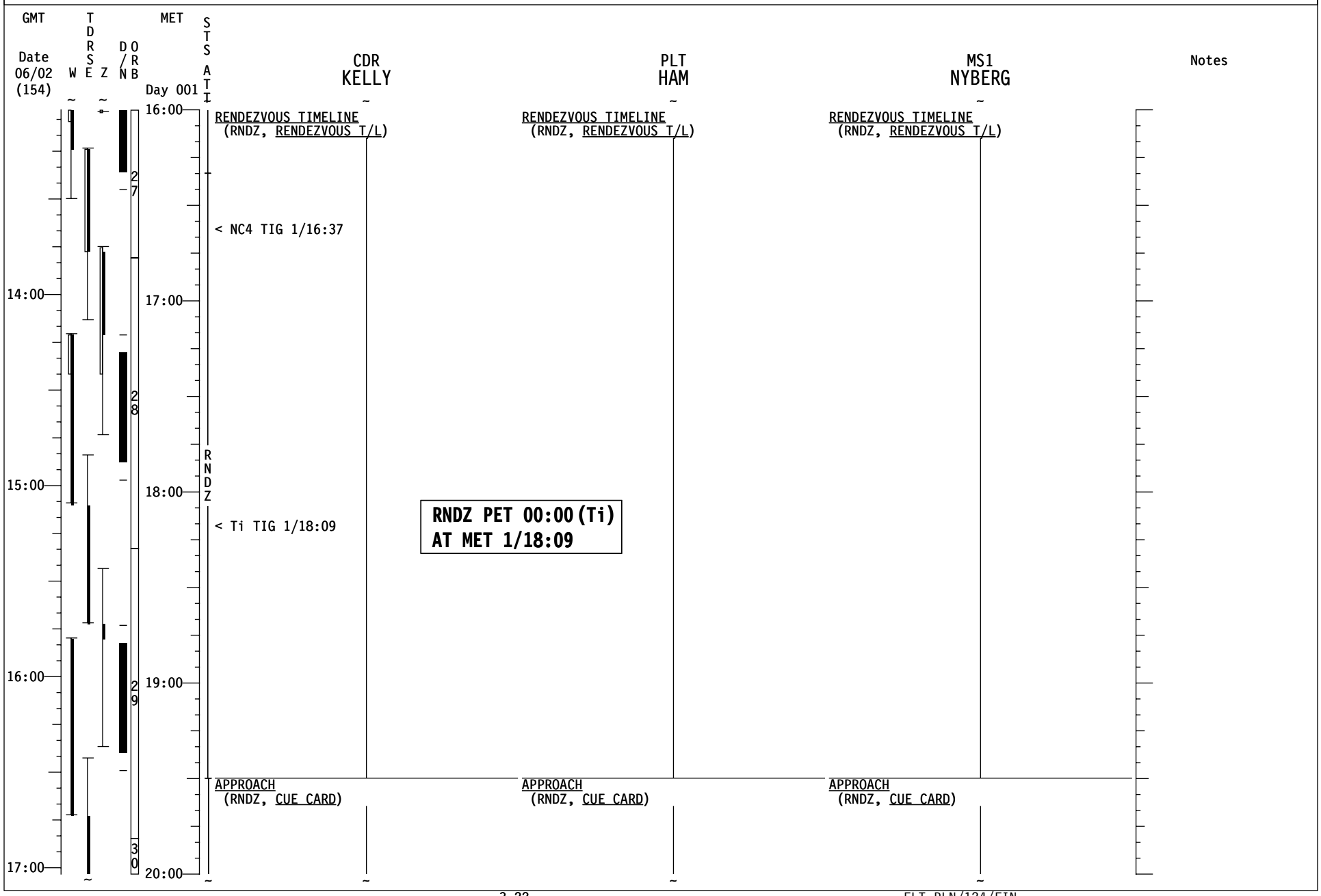
16:00
24
25
26
27
-ZLV
-XVV
-ZLV
+YVV
SLEEP
SLEEP
SLEEP
SLEEP
FLIGHT SLEEP LOG (ORB OPS, SDBI)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
SUPPLY/WASTE WATER DUMP
(ORB OPS, ECLS) INIT
Ref. MSG XXX
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
SUPPLY/WASTE WATER DUMP
(ORB OPS, ECLS) TERM
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
EXERCISE

STS-124 FD03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MS1
NYBERG
Notes
16:00
17:00
18:00
19:00
20:00
14:00
15:00
16:00
17:00
27
28
29
30
RNDZ
RENDEZVOUS TIMELINE
(RNDZ, RENDEZVOUS T/L)
< NC4 TIG 1/16:37
< Ti TIG 1/18:09
RNDZ PET 00:00(Ti)
AT MET 1/18:09
APPROACH
(RNDZ, CUE CARD)

STS-124 FD03

GMT Date 06/02 (154) | W | TDRSE | Z | D/N | ORB | MET Day 001 | STS ATI | MS2 GARAN | MS3 FOSSUM | MS4 HOSHIDE | FE-2 UP CHAMITOFF | Notes

MS2 GARAN	MS3 FOSSUM	MS4 HOSHIDE	FE-2 UP CHAMITOFF
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	EXERCISE	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
SSP1 OIU PWR - OIU 1 ON (tb-UP)	EXERCISE	RENDEZVOUS TIMELINE (RNDZ, RENDEZVOUS T/L)	EXERCISE
SSV OUTRATE - 3			
EMU REMOVAL (EVA, AIRLOCK CONFIG)	EMU REMOVAL (EVA, AIRLOCK CONFIG)		
SHUTTLE CONDENSATE COLLECTION (ORB OPS, ECLS) SETUP Ref. MSG XXX			RENDEZVOUS TIMELINE (RNDZ, RENDEZVOUS T/L)
EXERCISE	P/TVO2 DOCK (P/TV, SCENES) SETUP	TRANSFER UPDATE Ref. MSG XXX	
APPROACH (RNDZ, CUE CARD)	P/TVO2 DOCK (P/TV, SCENES) OPS	APPROACH (RNDZ, CUE CARD)	APPROACH (RNDZ, CUE CARD)

RNDZ

Time scale: 14:00, 15:00, 16:00, 17:00; 16:00, 17:00, 18:00, 19:00, 20:00

Day 001: 27, 28, 29, 30

STS-124 FD03

GMT Date 06/02 (154) | W | TDRSE | Z | D/N | ORB | MET Day 001 | STS ATI

CDR KELLY	PLT HAM	MS1 NYBERG	Notes
APPROACH (RNDZ, CUE CARD)	APPROACH (RNDZ, CUE CARD)	APPROACH (RNDZ, CUE CARD)	UPLINK β21 Only Box 30
DOCKING(1/20:47)			UPLINK β21 Only Box 40,41,42,50
RETURN TO FLIGHT PLAN			
MNVR BIAS -XLV -ZVV TG=2 BV=5 P=165 Y=354 OM=184 Init TRK, DAP:FREE > 2 sec, then DAP:A12/AUTO/VERN	SSPTS ODS CONNECTOR VERIF A15 ODS MATE X1,X2 (two) - ON √MCC then - OFF	POST DOCKING HATCH LEAK CHECK (RNDZ, APDS)	UPDATE TFL 184
PRIORITY PWRDN GRP B(ORB PKT,PRI PWRDN) Steps 6,12 (In Step 6, Single G2) (In Step 12, IMU 3 STBY - ITEM 23 EXEC) 06 S TRK PWR -Z - OFF	PRIORITY PWRDN GRP B(ORB PKT,PRI PWRDN) Steps 6,12 (In Step 6, Single G2) (In Step 12, IMU 3 STBY - ITEM 23 EXEC) 06 S TRK PWR -Z - OFF	POST RNDZ PGSC CONFIG Configure PGSCs per EVA/RMS usage chart	
When ISS is GO for attitude control, DAP:FREE	SSV OUTRATE - 2 L17 Check MCIU filter screen		
JOINT OPS: 2.104 HATCH OPENING & STS/ISS DUCT INSTALLATION √MCC Step 1 complete, Steps 2-15	JOINT OPS: 2.104 HATCH OPENING & STS/ISS DUCT INSTALLATION √MCC Step 1 complete, Steps 2-15	JOINT OPS: 6.107 PCS S/U-SHUTTLE	
KONNICHIWA	KONNICHIWA	KONNICHIWA	
SAFETY BRIEFING	SAFETY BRIEFING	SAFETY BRIEFING	
JOINT OPS: 3.120 PREBREATHE USING SHUTTLE O2 SETUP	EVA TRANSFER TO ISS (EVA, AIRLOCK CONFIG)	SODF TRANSFER Ref. Transfer List: Item XXX	
		EXERCISE	

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

APPROACH | DK | BIAS -XLV -ZVV

30, 31, 32

STS-124 FD03

GMT Date 06/02 (154) | W | TDRSE | Z | D/N | ORB | MET Day 001 | STS ATI | MS2 GARAN | MS3 FOSSUM | MS4 HOSHIDE | FE-2 UP CHAMITOFF | Notes

20:00 — APPROACH

APPROACH (RNDZ, CUE CARD)

P/TV02 DOCK (P/TV, SCENES) OPS

APPROACH (RNDZ, CUE CARD)

APPROACH (RNDZ, CUE CARD)

DOCKING(1/20:47)

18:00 — 21:00 — DK

RETURN TO FLIGHT PLAN

POST DOCKING HATCH LEAK CHECK (RNDZ, APDS)

P/TV04 INGRESS/EGRESS (S/U) (PHOTO/TV, SCENES)

JOINT OPS: 6.109 H/L ICOM AUDIO
Perform Steps 1,5,6. In Step 5, do 2-way voice ck on PAGE loop.

POST RNDZ PGSC CONFIG
Configure PGSCs per EVA/RMS usage chart

AIRLOCK PREP FOR INGRESS BOOSTER FAN ACTIVE (RNDZ, APDS)

AIRLOCK PREP FOR INGRESS BOOSTER FAN ACTIVE (RNDZ, APDS)

19:00 — 22:00 — BIAS-XLV-ZVV

P/TV04 INGRESS/EGRESS (OPS) (PHOTO/TV, SCENES)

JOINT OPS: 2.104 HATCH OPENING & STS/ISS DUCT INSTALLATION
√MCC Step 1 complete, Steps 2-15

JOINT OPS: 2.104 HATCH OPENING & STS/ISS DUCT INSTALLATION
√MCC Step 1 complete, Steps 2-15

JOINT OPS: 6.107 PCS S/U-SHUTTLE

KONNICHIWA | KONNICHIWA | KONNICHIWA | KONNICHIWA

20:00 — 23:00

SAFETY BRIEFING | SAFETY BRIEFING | SAFETY BRIEFING | SAFETY BRIEFING

EVA TRANSFER TO ISS (EVA, AIRLOCK CONFIG)

EVA TRANSFER TO ISS (EVA, AIRLOCK CONFIG)

P/TV05 ISS INTERNAL OPS (PHOTO/TV, SCENES)
Perform BPSMU and RWS Setup

IELK REMOVAL & TRANSFER
Ref. Transfer List: Item XXX

C Ref:STS-124/1J EMU CONSUMABLES TRACKING CC

MIDDECK TRANSFER
Ref. Transfer List

21:00 — 00:00

EVA SYS: 1.307 REBA INSTL/RMVL INSTALL C

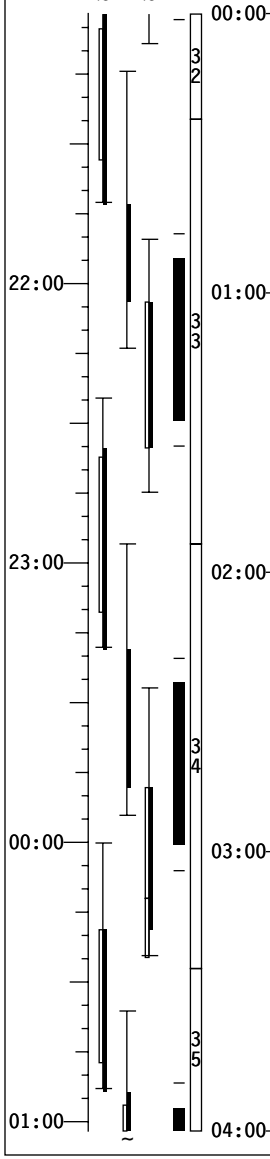
EVA SYS: 1.307 REBA INSTL/RMVL INSTALL C

IELK INSTALL & C/O
Ref. RODF

30 | 31 | 32

STS-124 FD03

GMT Date 06/02 (154) | W | TDRSE | Z | D/N | ORB | MET Day 002 | STS ATI | CDR KELLY | PLT HAM | MS1 NYBERG | Notes



00:00 – 04:00

CDR KELLY

JOINT OPS: 3.120 PREBREATHE USING SHUTTLE O2 SETUP

EXERCISE

EVA PROCEDURE REVIEW

Ref: EVA 1 BRIEFING CARD (EVA, TIMELINES)

M069M LEH O2 8 vlv - CL

PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) √Hum Seps for H2O Accumulation

PRIVATE MEDICAL CONFERENCE

EVA SYS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE See Page 3-28

PLT HAM

EVA TRANSFER TO ISS (EVA, AIRLOCK CONFIG)

SSPTS OPCU ACT D

EVA PROCEDURE REVIEW

Ref: EVA 1 BRIEFING CARD (EVA, TIMELINES)

D SSPTS OPCU ACT
On MCC GO:A15 OPCU 1,2 CONV(two) - ON
R1 MN BUS TIE B - ON(tb-ON)
C - ON(tb-ON)

EXERCISE

PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

MS1 NYBERG

EXERCISE

MIDDECK TRANSFER
Ref. Transfer List

EVA PROCEDURE REVIEW

Ref: EVA 1 BRIEFING CARD (EVA, TIMELINES)

IWIS ACCEL INSTALL
Ref. MSG XXX

PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

BIAS - XLV - ZVV

STS-124 FD03

GMT Date 06/02 (154) | W | TDRSE | Z | D/N | ORB | MET Day 002 | STS ATI | BIAS-XLV-ZVV

MS2 GARAN	MS3 FOSSUM	MS4 HOSHIDE	FE-2 UP CHAMITOFF	Notes
EVA SYS: 1.307 REBA INSTL/RMVL See Page 3-25	EVA SYS: 1.307 REBA INSTL/RMVL See Page 3-25	MIDDECK TRANSFER Ref. Transfer List	IELK INSTALL & C/O Ref. RODF	
EVA SYS: 1.403 REBA PWRD H/W CK	EVA SYS: 1.403 REBA PWRD H/W CK	PLAYBACK (DIGITAL) (PHOTO/TV, CUE CARD) DOCKING VIDEO KU TDRX (XX:XX-XX:XX)		
EVA SYS: 1.305 EQUIP LOCK PREP Ref: STS-124/1J EMU CONSUMABLES TRACKING CC	EVA SYS: 1.305 EQUIP LOCK PREP Ref: STS-124/1J EMU CONSUMABLES TRACKING CC	MIDDECK TRANSFER Ref. Transfer List		
EVA PROCEDURE REVIEW Ref: EVA 1 BRIEFING CARD (EVA, TIMELINES)	EVA PROCEDURE REVIEW Ref: EVA 1 BRIEFING CARD (EVA, TIMELINES)	EVA PROCEDURE REVIEW Ref: EVA 1 BRIEFING CARD (EVA, TIMELINES)	EVA PROCEDURE REVIEW Ref: EVA 1 BRIEFING CARD (EVA, TIMELINES)	
		DAILY STS/ISS CREW TRANSFER TAGUP	PRE SLEEP	
		TRANSFER BRIEF Call down status to MCC	DAILY PLANNING CONFERENCE	
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRIVATE MEDICAL CONFERENCE PRE SLEEP	
EVA SYS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE See Page 3-29	EVA SYS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE See Page 3-29		EVA SYS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE See Page 3-29	

Time scale: 22:00, 23:00, 00:00, 01:00 (GMT); 00:00, 01:00, 02:00, 03:00, 04:00 (MET)

Sleep: 32, 33, 34, 35

STS-124 FD03

GMT Date 06/03 (155) | W | TDRSE | Z | D/N | ORB | MET Day 002 | STS ATI | CDR KELLY | PLT HAM | MS1 NYBERG | Notes

02:00 03:00 04:00 05:00

04:00 05:00 06:00 07:00 08:00

35 36 37

BIAS - XLV - ZVV

EVA SYS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE
Steps 1-16

Ref: EVA 1 TOOL CONFIG (EVA, TIMELINES)

PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

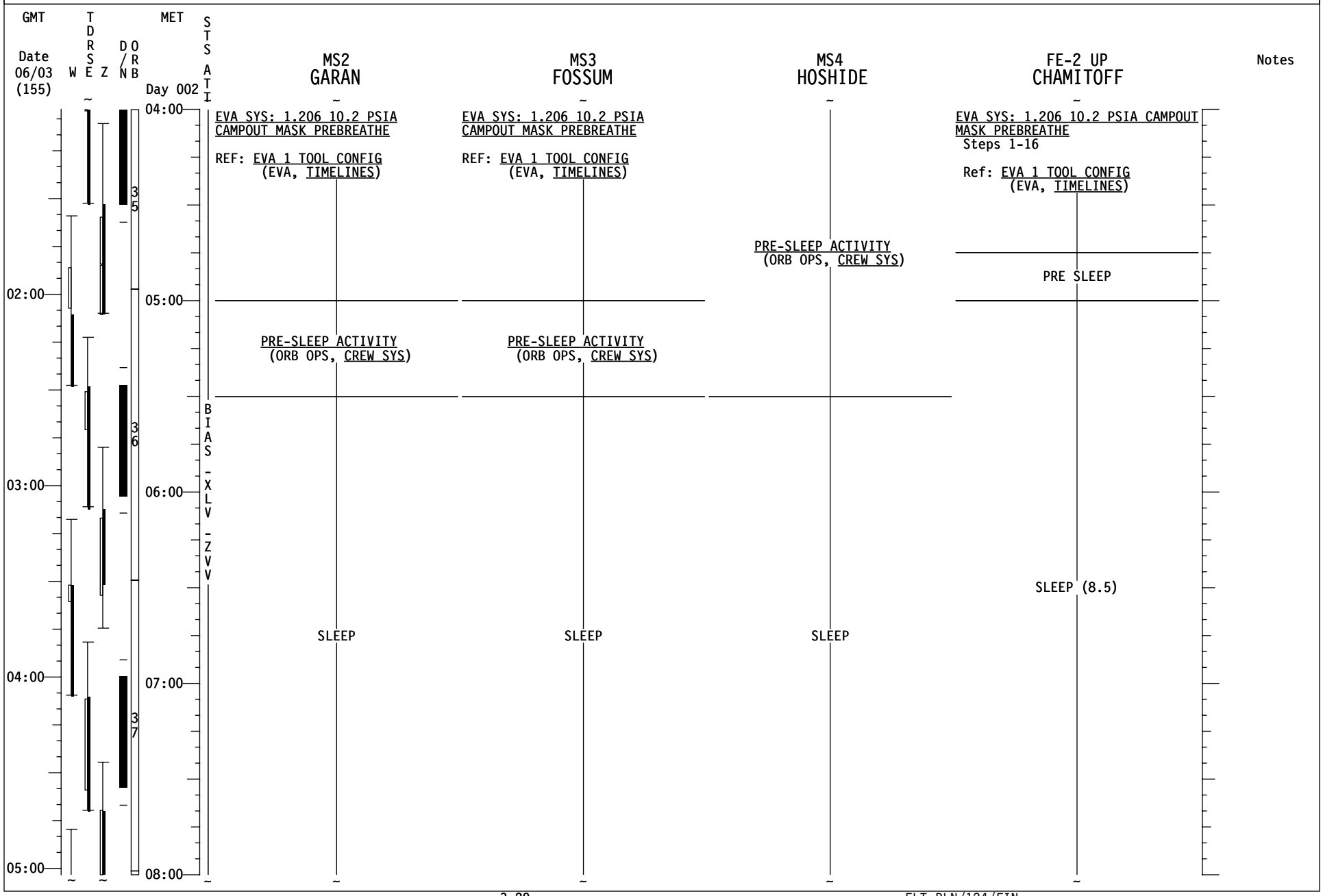
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

SLEEP

SLEEP

SLEEP

STS-124 FD03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Day 002
STS ATI
MS2 GARAN
MS3 FOSSUM
MS4 HOSHIDE
FE-2 UP CHAMITOFF
Notes
04:00
05:00
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05:00
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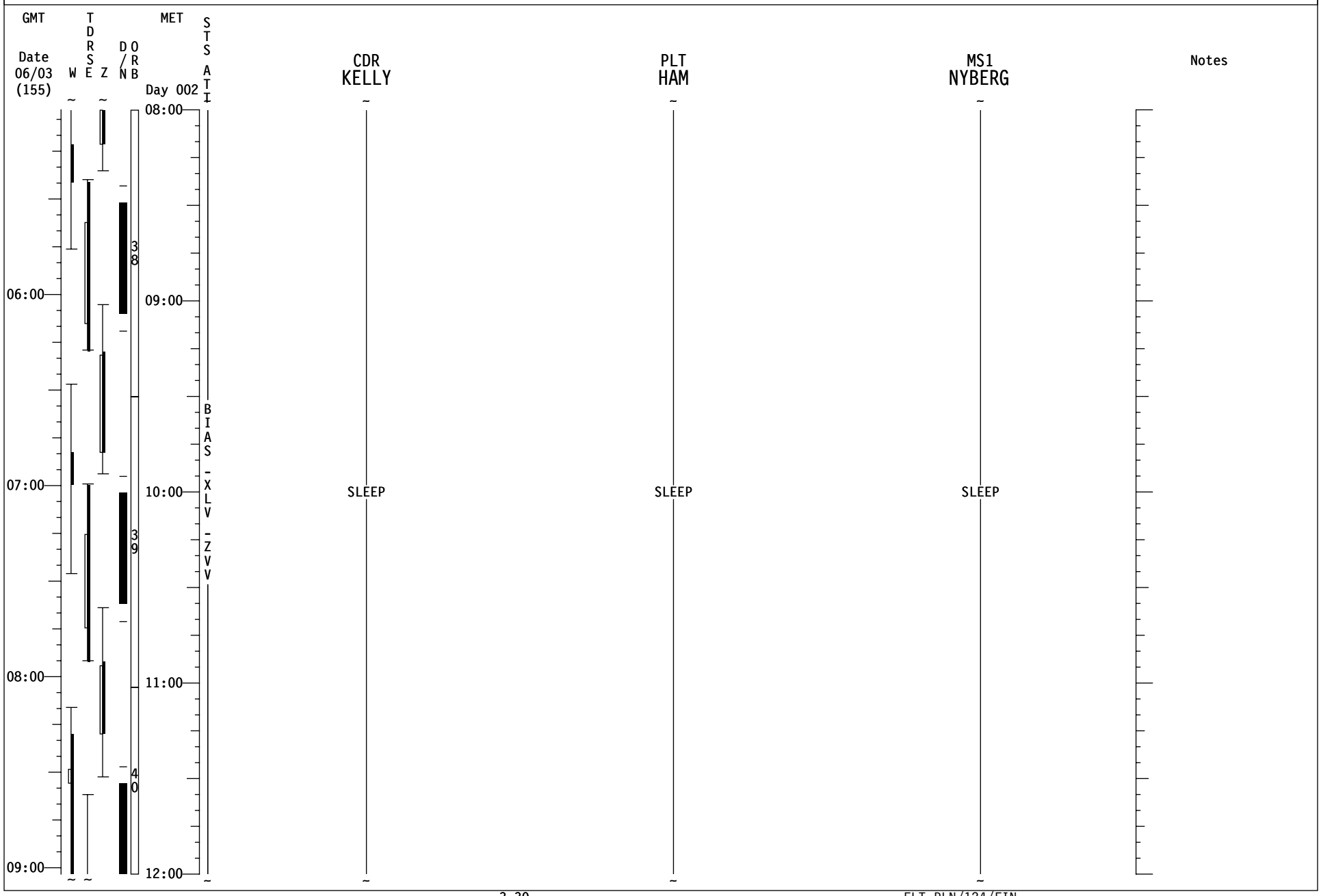
37
BIAS -XLV -ZVV
EVA SYS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE
REF: EVA 1 TOOL CONFIG (EVA, TIMELINES)
EVA SYS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE
REF: EVA 1 TOOL CONFIG (EVA, TIMELINES)
EVA SYS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE
Steps 1-16
Ref: EVA 1 TOOL CONFIG (EVA, TIMELINES)
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
PRE SLEEP
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
SLEEP (8.5)
SLEEP
SLEEP
SLEEP

STS-124 FD03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BIAS-XLV-ZVV
CDR
KELLY
PLT
HAM
MS1
NYBERG
Notes
06:00
07:00
08:00
09:00
08:00
09:00
10:00
11:00
12:00
38
39
40
SLEEP
SLEEP
SLEEP

STS-124 FD03

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MS2
GARAN
MS3
FOSSUM
MS4
HOSHIDE
FE-2 UP
CHAMITOFF
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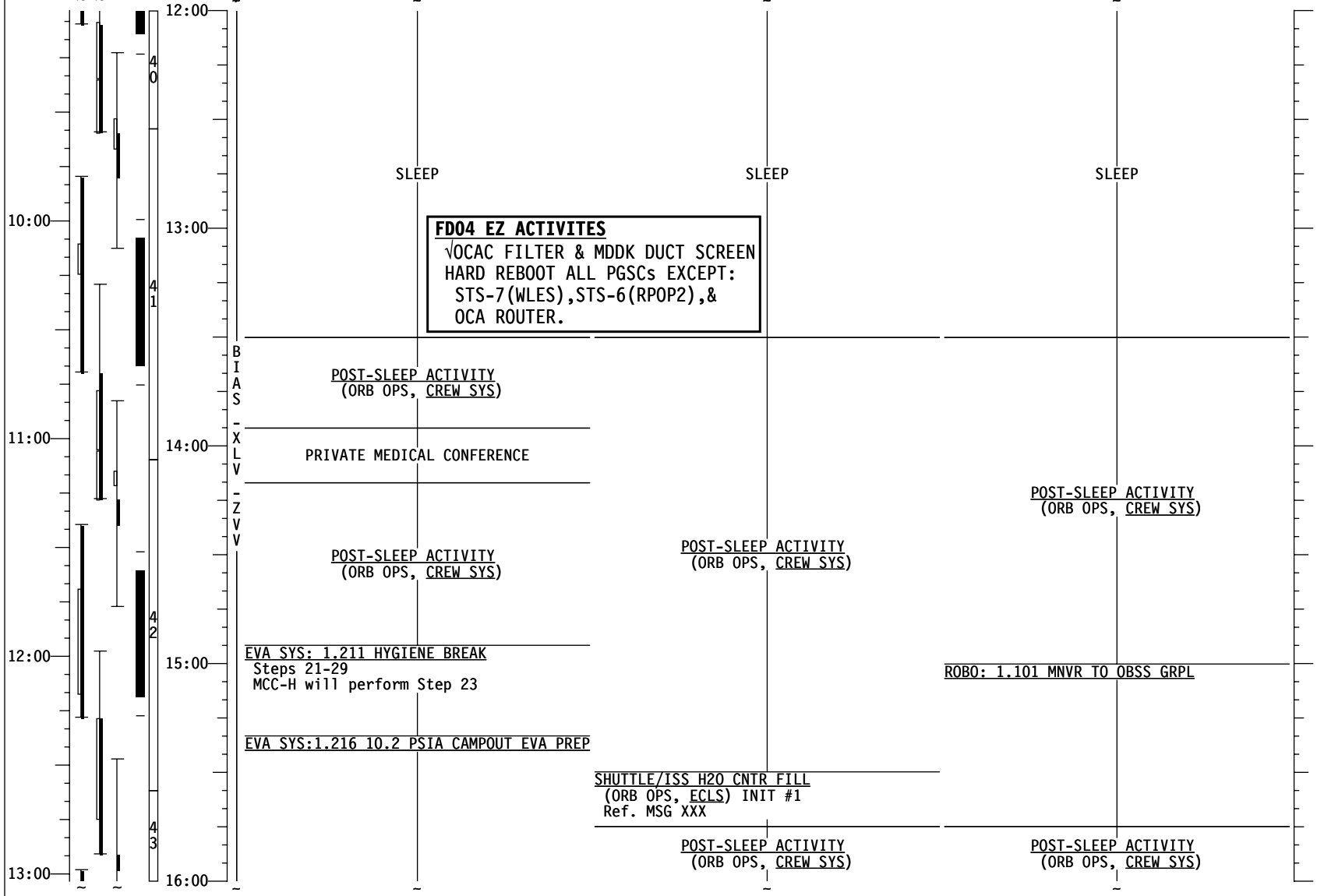
06:00
07:00
08:00
09:00
08:00
09:00
10:00
11:00
12:00
38
39
40
SLEEP
SLEEP
SLEEP
SLEEP (8.5)

STS-124 FD04

GMT Date 06/03 (155) | W | TDRSE | Z | D/N | ORB | MET Day 002 | STS ATI | CDR KELLY | PLT HAM | MS1 NYBERG | Notes



FD04 EZ ACTIVITES
√OCAC FILTER & MDDK DUCT SCREEN
HARD REBOOT ALL PGSCs EXCEPT:
STS-7(WLES),STS-6(RPOP2),&
OCA ROUTER.

STS-124 FD04

GMT Date 06/03 (155) | W | TDRSE | Z | D/N | ORB | MET Day 002 | STS ATI

MS2 GARAN | MS3 FOSSUM | MS4 HOSHIDE | Notes

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

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

40 41 42 43

BIAS-XLV-ZVV

SLEEP

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

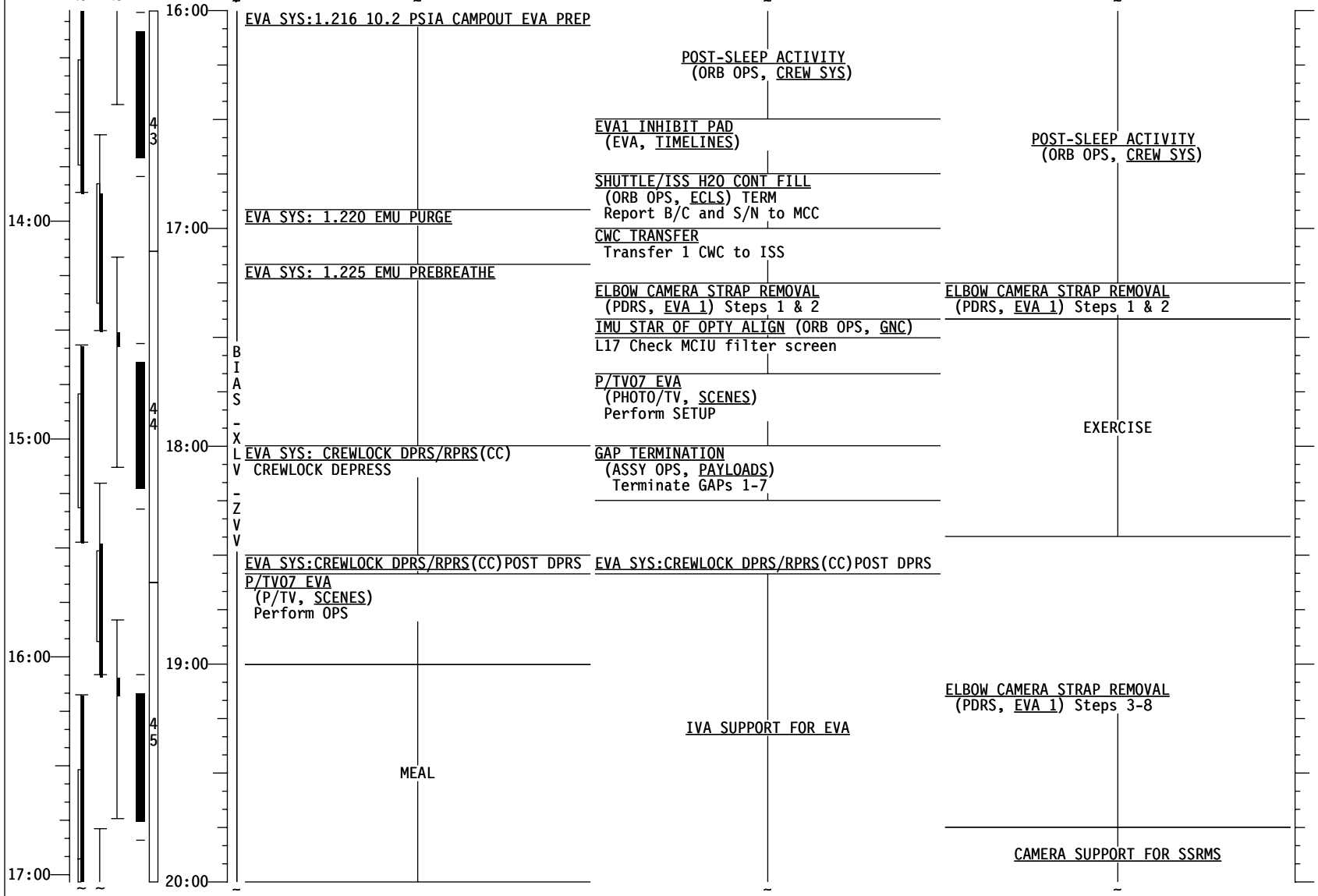
EVA SYS: 1.211 HYGIENE BREAK
MCC-H will perform
Steps 1-4, 16-20, & 23

EVA SYS:1.216 10.2 PSIA CAMPOUT EVA PREP

ROBO: 1.101 MNVR TO OBSS GRPL

STS-124 FD04

GMT Date 06/03 (155) | W | TDRSE | Z | D/N | ORB | MET Day 002 | STS ATI | CDR KELLY | PLT HAM | MS1 NYBERG | Notes



CDR KELLY

EVA SYS:1.216 10.2 PSIA CAMPOUT EVA PREP

EVA SYS: 1.220 EMU PURGE

EVA SYS: 1.225 EMU PREBREATHE

EVA SYS: CREWLOCK DPRS/RPRS(CC)
CREWLOCK DEPRESS

EVA SYS:CREWLOCK DPRS/RPRS(CC)POST DPRS

P/TV07 EVA
(P/TV, SCENES)
Perform OPS

MEAL

PLT HAM

POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

EVA1 INHIBIT PAD
(EVA, TIMELINES)

SHUTTLE/ISS H2O CONT FILL
(ORB OPS, ECLS) TERM
Report B/C and S/N to MCC

CWC TRANSFER
Transfer 1 CWC to ISS

ELBOW CAMERA STRAP REMOVAL
(PDRS, EVA 1) Steps 1 & 2

IMU STAR OF OPTY ALIGN (ORB OPS, GNC)

L17 Check MCIU filter screen

P/TV07 EVA
(PHOTO/TV, SCENES)
Perform SETUP

GAP TERMINATION
(ASSY OPS, PAYLOADS)
Terminate GAPs 1-7

EVA SYS:CREWLOCK DPRS/RPRS(CC)POST DPRS

IVA SUPPORT FOR EVA

MS1 NYBERG

POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

ELBOW CAMERA STRAP REMOVAL
(PDRS, EVA 1) Steps 1 & 2

EXERCISE

ELBOW CAMERA STRAP REMOVAL
(PDRS, EVA 1) Steps 3-8

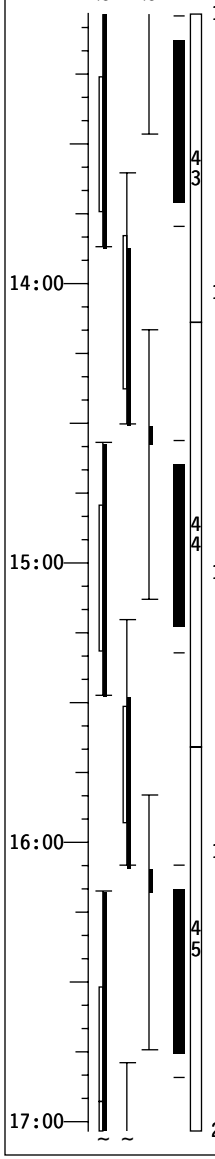
CAMERA SUPPORT FOR SSRMS

Notes

UPLINK
β0 Only
Box 40,41,42,51

STS-124 FD04

GMT Date 06/03 (155) | W | TDRSE | Z | D/N | ORB | MET Day 002 | STS ATI | MS2 GARAN | MS3 FOSSUM | MS4 HOSHIDE | Notes



16:00 – 20:00

BIAS - XLV - ZVV

MS2 GARAN

EVA SYS:1.216 10.2 PSIA CAMPOUT EVA PREP

EVA SYS: 1.220 EMU PURGE

EVA SYS: 1.225 EMU PREBREATHE

EVA SYS: CREWLOCK DPRS/RPRS(CC)
CREWLOCK DEPRESS

EVA SYS:CREWLOCK DPRS/RPRS(CC)POST DPRS

EVA 1 SETUP

BOOM TRANSFER TO SHUTTLE

MS3 FOSSUM

EVA SYS:1.216 10.2 PSIA CAMPOUT EVA PREP

EVA SYS: 1.220 EMU PURGE

EVA SYS: 1.225 EMU PREBREATHE

EVA SYS: CREWLOCK DPRS/RPRS(CC)
CREWLOCK DEPRESS

EVA SYS:CREWLOCK DPRS/RPRS(CC)POST DPRS

EVA 1 SETUP

SRMS ELBOW CAMERA LL RELEASE

OPEN NODE 2 PORT/NADIR HATCH WINDOW COVER

MCAS CHECKOUT

BOOM TRANSFER TO SHUTTLE

MS4 HOSHIDE

POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

ASSY OPS: 1.403 CBCS INSTL/RMVL(SSRMS) -GEN Steps 10,11.1-11.4

ASSY OPS: 2.001 NODE2/JPM VEST PRESS & LK CK Steps 1-4

EXERCISE

CAMERA SUPPPORT FOR SRMS

ROBO: 1.102 OBSS UNBERTH & HANDOFF

STS-124 FD04

GMT Date 06/03 (155) | W | T D R S E | Z | D/N | O R B | MET Day 002 | S T S A T I

CDR KELLY | PLT HAM | MS1 NYBERG | Notes

20:00 — P/TV07 EVA (P/TV, SCENES) Perform OPS

CAMERA SUPPORT FOR SSRMS

OBSS GRAPPLE AT HANDOFF (PDRS, EVA 1)

NO EXERCISE FROM SRMS GRAPPLE TO SSRMS UNGRAPPLE

18:00 — 21:00 — 45, 46

CAMERA SUPPORT FOR SSRMS

BIAS-XLV-ZVV

IVA SUPPORT FOR EVA

JPM INSTALL VIEWING (PDRS, EVA 1)

19:00 — 22:00 — 47

UPLINK
β0 Only
Box 40,41,42,52

ROBO: 2.101 MNVR TO JPM GRPL Steps 1-2

ROBO: 2.101 MNVR TO JPM GRPL Steps 3-5

20:00 — 23:00

ROBO: 2.101 MNVR TO JPM GRPL Steps 6-8

ROBO: 2.102 JPM INSTALL Steps 3-6 | ROBO: 2.102 JPM INSTALL Steps 3-6

P/TV07 EVA (P/TV, SCENES) Perform OPS

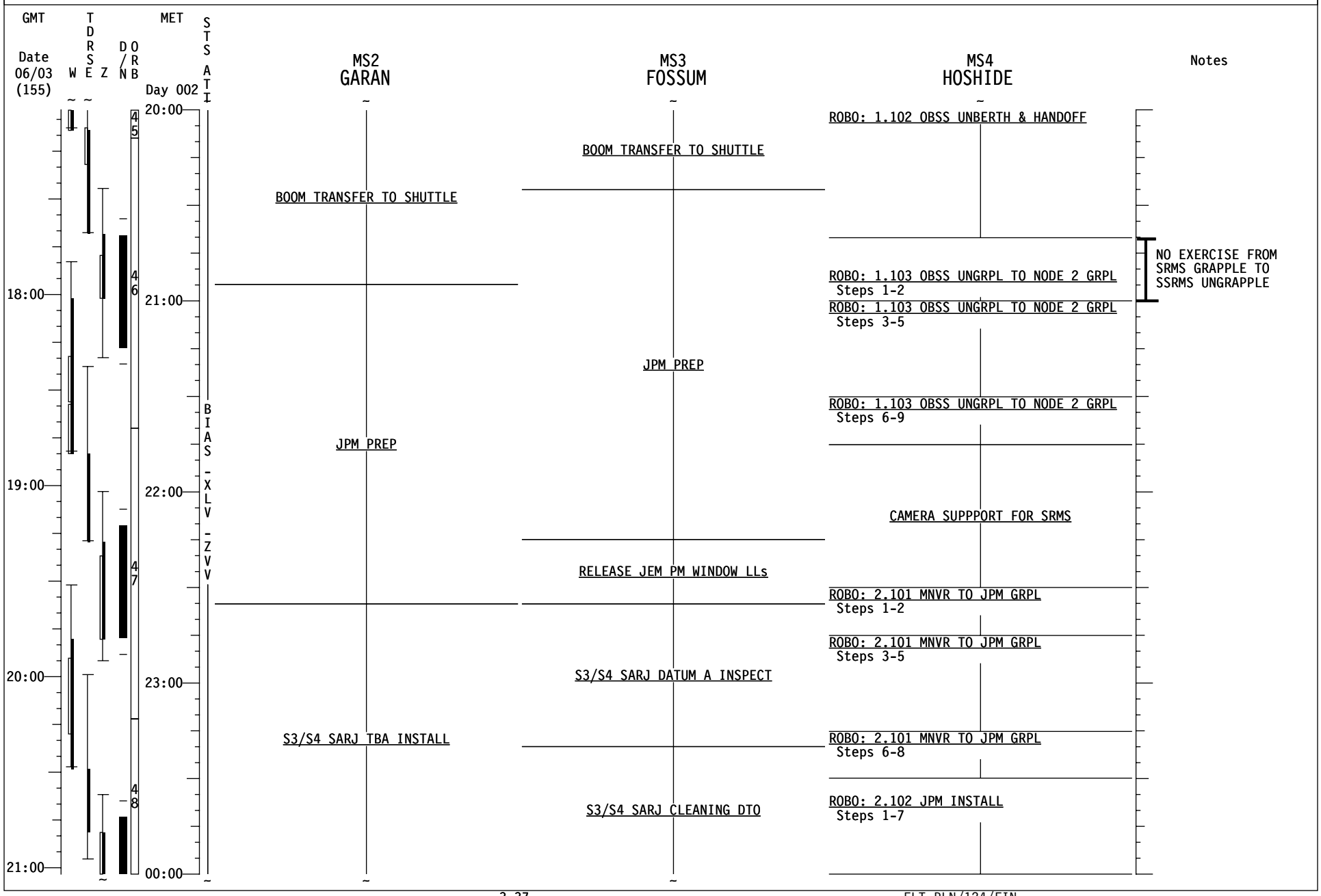
48

ROBO: 2.102 JPM INSTALL Steps 1-7

IVA SUPPORT FOR EVA

21:00 — 00:00

STS-124 FD04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Day 002
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20:00
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18:00
19:00
20:00
21:00
45
46
47
48
B I A S - X L V - Z V V
MS2
GARAN
BOOM TRANSFER TO SHUTTLE
JPM PREP
S3/S4 SARJ TBA INSTALL
MS3
FOSSUM
BOOM TRANSFER TO SHUTTLE
JPM PREP
RELEASE JEM PM WINDOW LLs
S3/S4 SARJ DATUM A INSPECT
S3/S4 SARJ CLEANING DTO
MS4
HOSHIDE
ROBO: 1.102 OBSS UNBERTH & HANDOFF
ROBO: 1.103 OBSS UNGRPL TO NODE 2 GRPL Steps 1-2
ROBO: 1.103 OBSS UNGRPL TO NODE 2 GRPL Steps 3-5
ROBO: 1.103 OBSS UNGRPL TO NODE 2 GRPL Steps 6-9
CAMERA SUPPPORT FOR SRMS
ROBO: 2.101 MNVR TO JPM GRPL Steps 1-2
ROBO: 2.101 MNVR TO JPM GRPL Steps 3-5
ROBO: 2.101 MNVR TO JPM GRPL Steps 6-8
ROBO: 2.102 JPM INSTALL Steps 1-7
Notes
NO EXERCISE FROM SRMS GRAPPLE TO SSRMS UNGRAPPLE

STS-124 FD04

GMT Date 06/03 (155) | W | TDRSE | Z | D/N | ORB | MET Day 003 | STS ATI

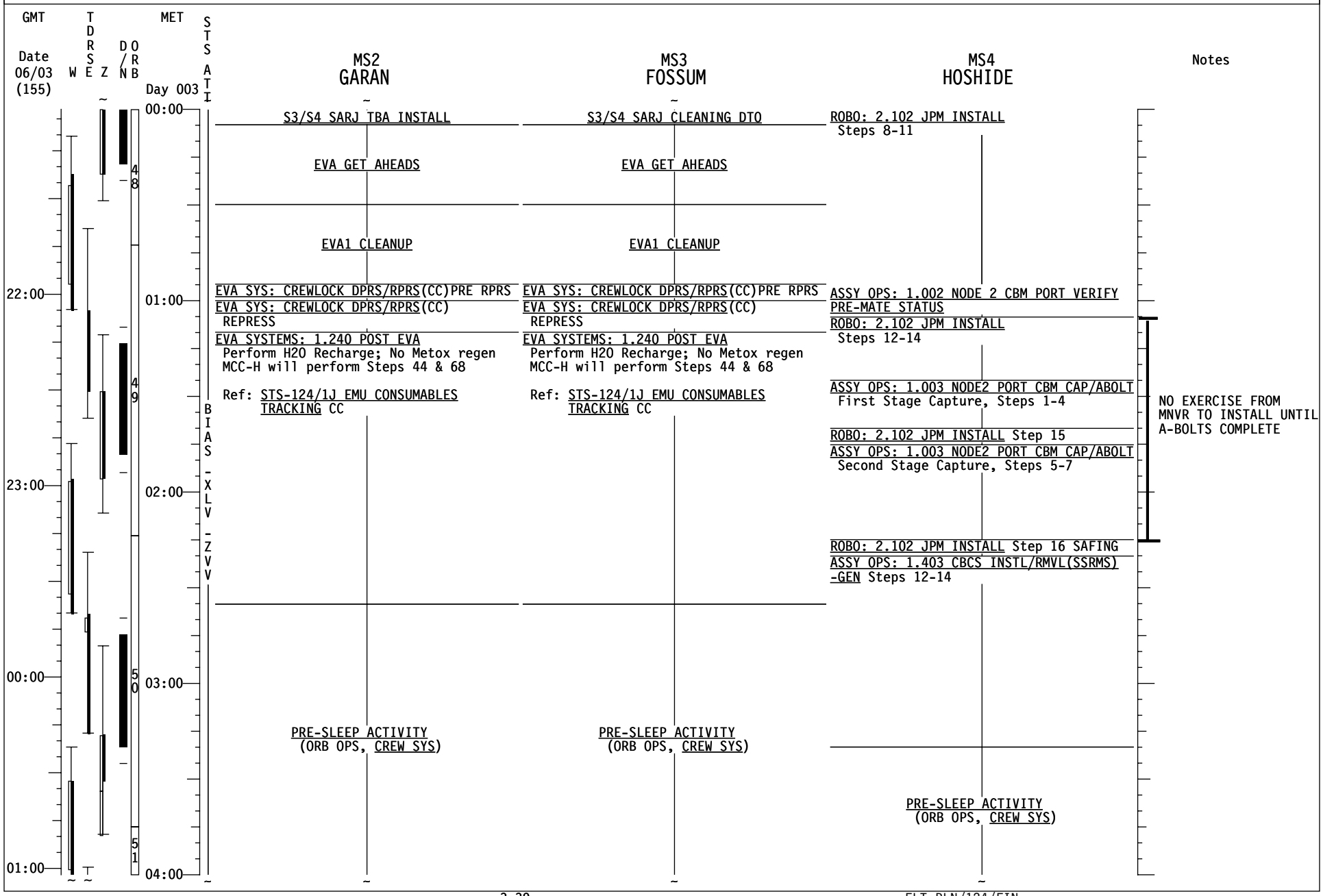
CDR KELLY	PLT HAM	MS1 NYBERG	Notes
P/TV07 EVA (P/TV, SCENES) Perform OPS	IVA SUPPORT FOR EVA	ROBO: 2.102 JPM INSTALL Steps 8-11	
EVA SYS: CREWLOCK DPRS/RPRS(CC)PRE RPRS	EVA SYS: CREWLOCK DPRS/RPRS(CC)PRE RPRS		UPLINK β21 Only Box 40,41,42
EVA SYS: CREWLOCK DPRS/RPRS(CC) CREWLOCK REPRESS	EVA SYS: CREWLOCK DPRS/RPRS(CC) CREWLOCK REPRESS	ROBO: 2.102 JPM INSTALL Steps 12-14	
EVA SYSTEMS: 1.240 POST EVA Perform H2O Recharge; No Metox regen MCC-H will perform Steps 44 & 68 Ref: STS-124/1J EMU CONSUMABLES TRACKING CC		ROBO: 2.102 JPM INSTALL Step 15	NO EXERCISE FROM MNVR TO INSTALL UNTIL A-BOLTS COMPLETE
	MNVR (TRK) UPDATE (Post Kibo Install) TG=2 BV=5 P=166 Y=354 OM=187 A12/FREE/VERN Init TRK [A]	ROBO: 2.102 JPM INSTALL Step 16 SAFING	
	[A] Permanently edit DAPs A11, A12, and B12 to CNTL ACCL 7		
EVA SYS: 1.605 BSA BATTERY RECHARGE INIT Ref: STS-124/1J EMU CONSUMABLES TRACKING CC	EXERCISE	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
TV (ILLUMINATOR OPS) (PHOTO/TV, CC) ILLUMINATORS ON - A,D		NODE 2 PORT LATCH [B] ASSY OPS: 2.001 NODE2/JPM VEST PRESS & LK CK Steps 5-7.5	
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	[B] 1. Verify Ratchet in LATCH position. 2. Engage Crank Handle. 3. Turn Crank Handle in LATCH direction until fully latched. 4. Stow Crank Handle.	
		PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	

Time scale: 22:00, 23:00, 00:00, 01:00 — 00:00, 01:00, 02:00, 03:00, 04:00

Day 003: 48, 49, 50, 51

BIAS - XLV - ZVV

STS-124 FD04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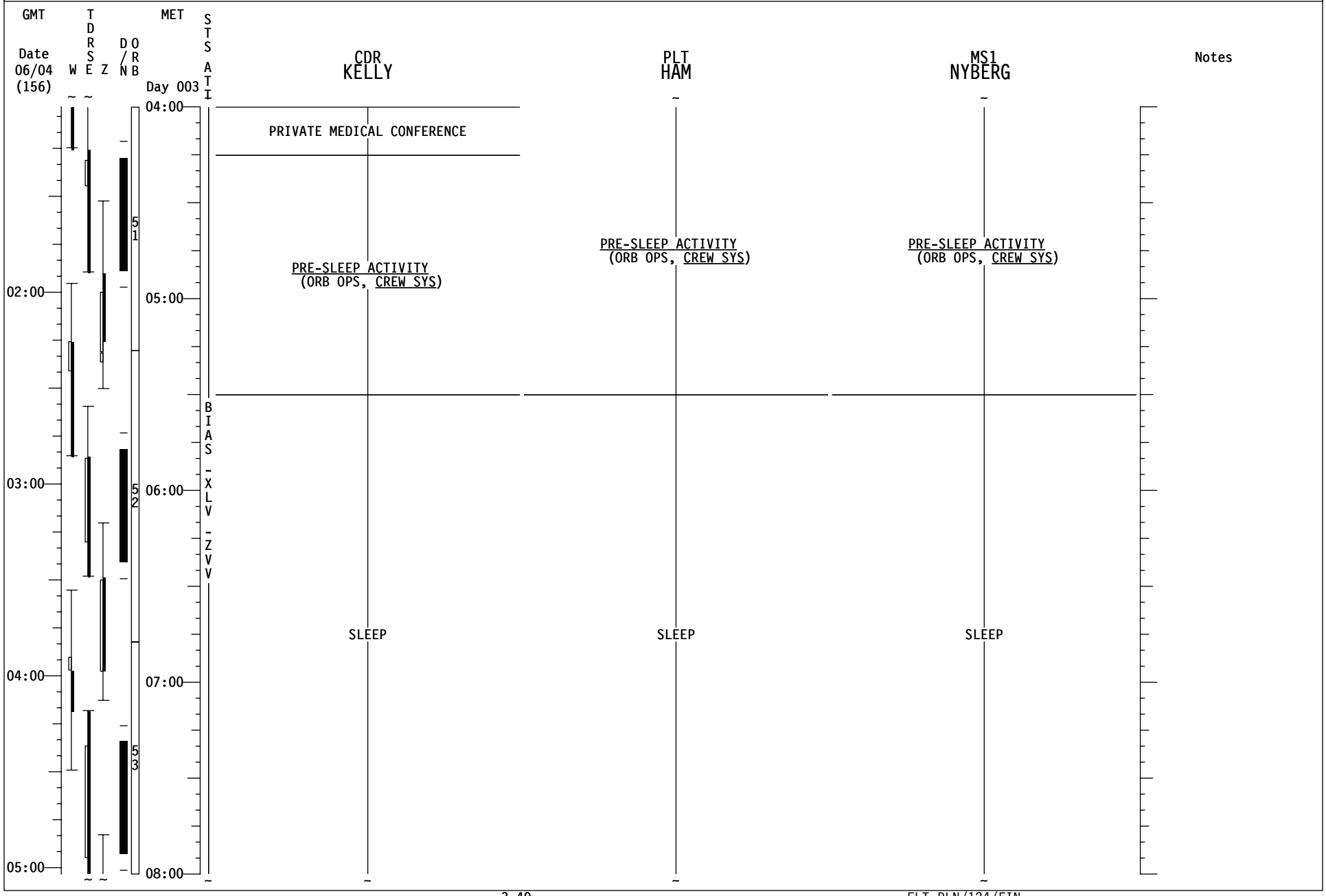
Day 003
STS ATI
MS2 GARAN
MS3 FOSSUM
MS4 HOSHIDE
Notes
00:00
01:00
02:00
03:00
04:00
22:00
23:00
00:00
01:00
48
49
50
51
BIAS -XLV -ZVV
S3/S4 SARJ TBA INSTALL
EVA GET AHEADS
EVA1 CLEANUP
EVA SYS: CREWLOCK DPRS/RPRS(CC)PRE RPRS
EVA SYS: CREWLOCK DPRS/RPRS(CC) REPRESS
EVA SYSTEMS: 1.240 POST EVA
Perform H2O Recharge; No Metox regen
MCC-H will perform Steps 44 & 68
Ref: STS-124/1J EMU CONSUMABLES TRACKING CC
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
S3/S4 SARJ CLEANING DTO
EVA GET AHEADS
EVA1 CLEANUP
EVA SYS: CREWLOCK DPRS/RPRS(CC)PRE RPRS
EVA SYS: CREWLOCK DPRS/RPRS(CC) REPRESS
EVA SYSTEMS: 1.240 POST EVA
Perform H2O Recharge; No Metox regen
MCC-H will perform Steps 44 & 68
Ref: STS-124/1J EMU CONSUMABLES TRACKING CC
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
ROBO: 2.102 JPM INSTALL Steps 8-11
ASSY OPS: 1.002 NODE 2 CBM PORT VERIFY PRE-MATE STATUS
ROBO: 2.102 JPM INSTALL Steps 12-14
ASSY OPS: 1.003 NODE2 PORT CBM CAP/ABOLT First Stage Capture, Steps 1-4
ROBO: 2.102 JPM INSTALL Step 15
ASSY OPS: 1.003 NODE2 PORT CBM CAP/ABOLT Second Stage Capture, Steps 5-7
ROBO: 2.102 JPM INSTALL Step 16 SAFING
ASSY OPS: 1.403 CBCS INSTL/RMVL(SSRMS) -GEN Steps 12-14
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
NO EXERCISE FROM MNVR TO INSTALL UNTIL A-BOLTS COMPLETE

STS-124 FD04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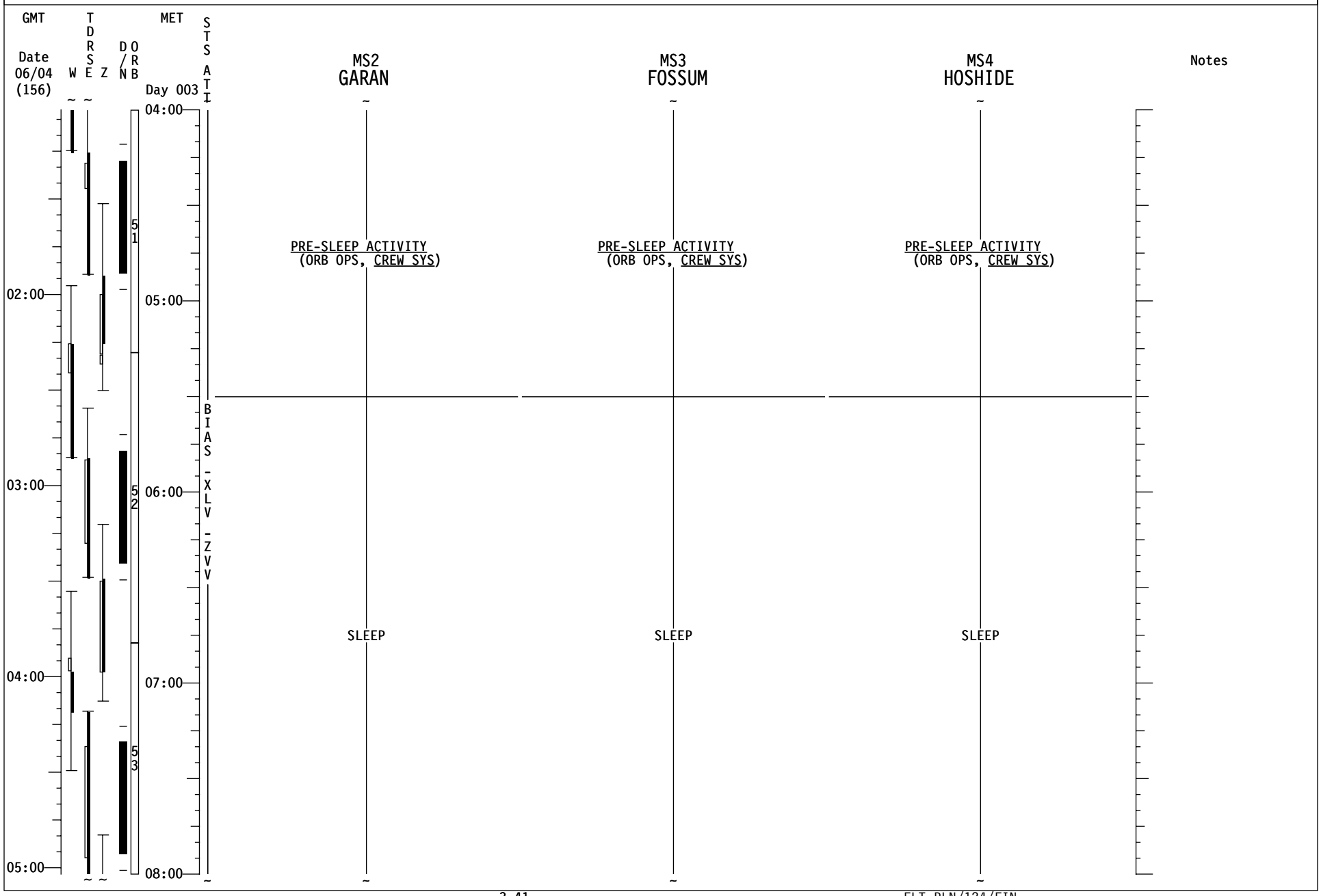
PRIVATE MEDICAL CONFERENCE
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
SLEEP
SLEEP
SLEEP
51
52
53

STS-124 FD04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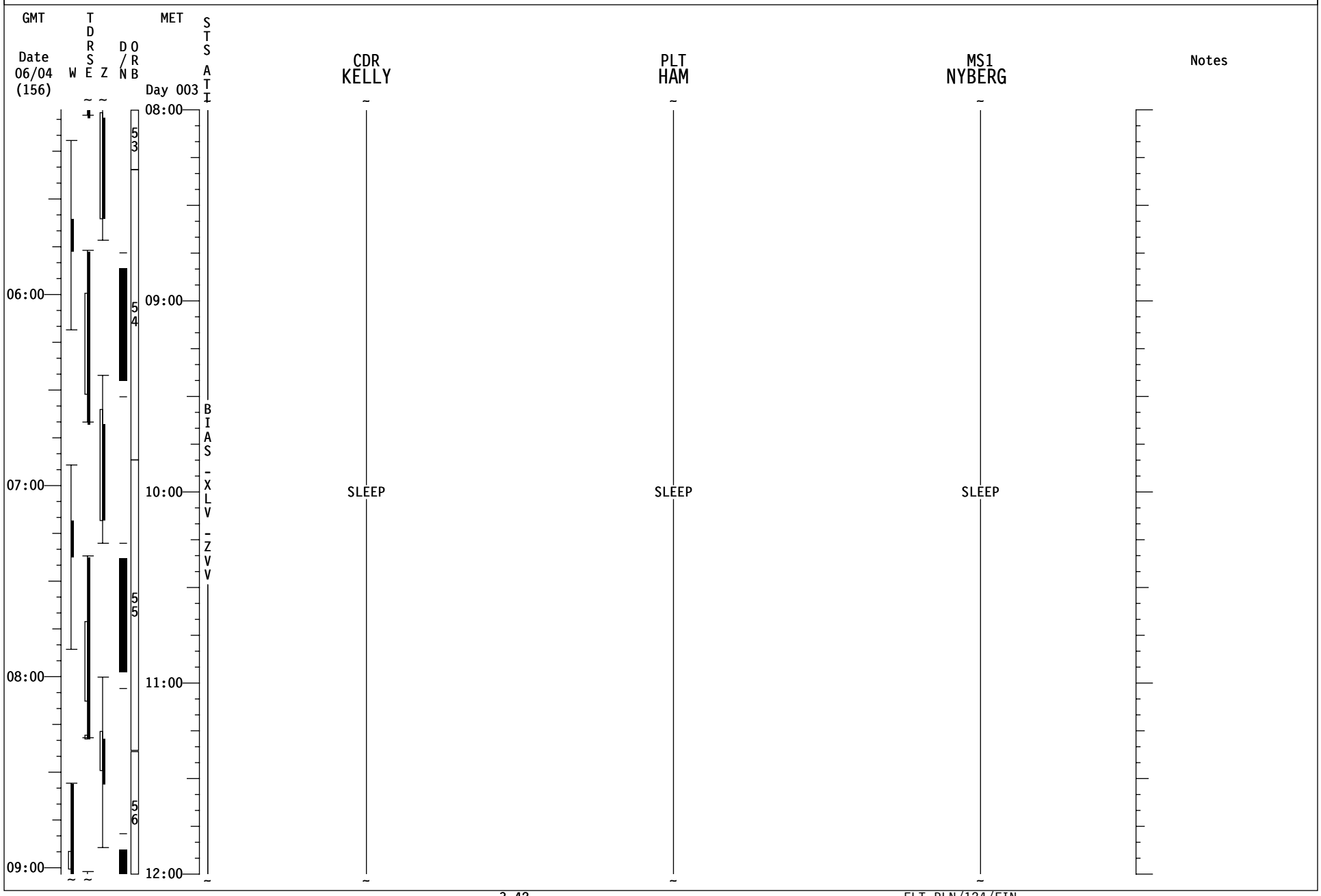
MS2
GARAN
MS3
FOSSUM
MS4
HOSHIDE
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
SLEEP
Notes

STS-124 FD04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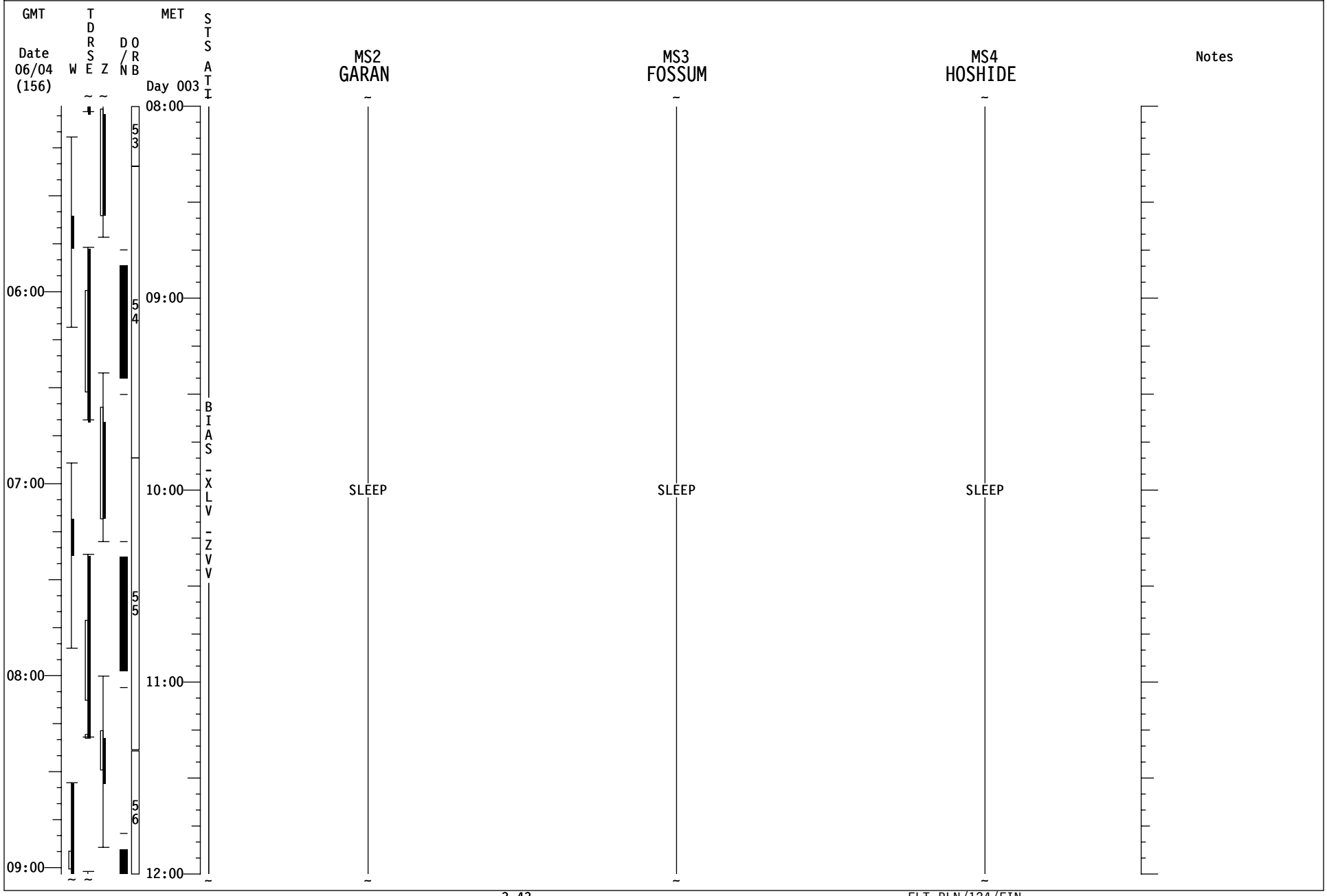
STS-124 FD04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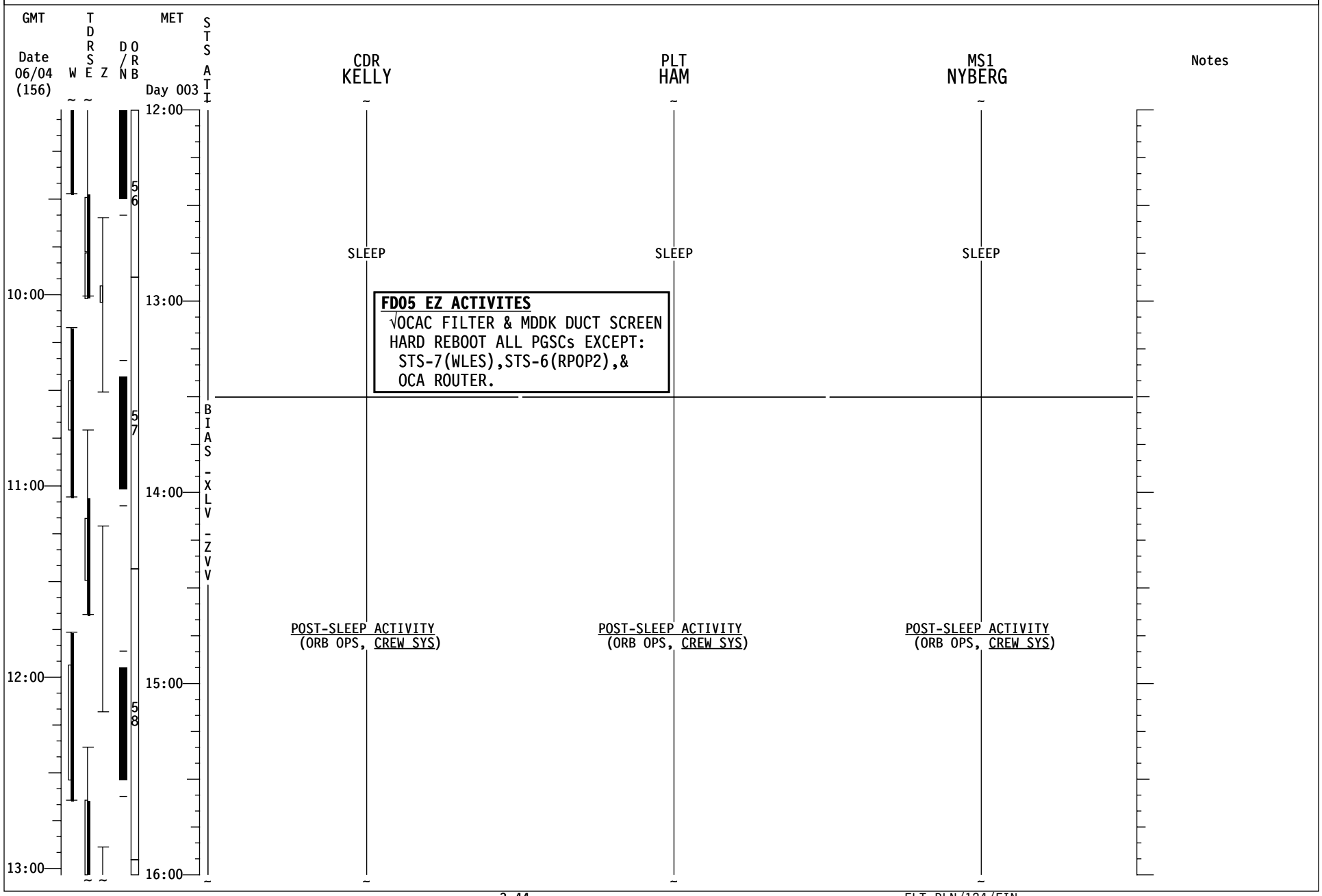
Notes

STS-124 FD05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STS ATI
CDR KELLY
PLT HAM
MS1 NYBERG
Notes
12:00
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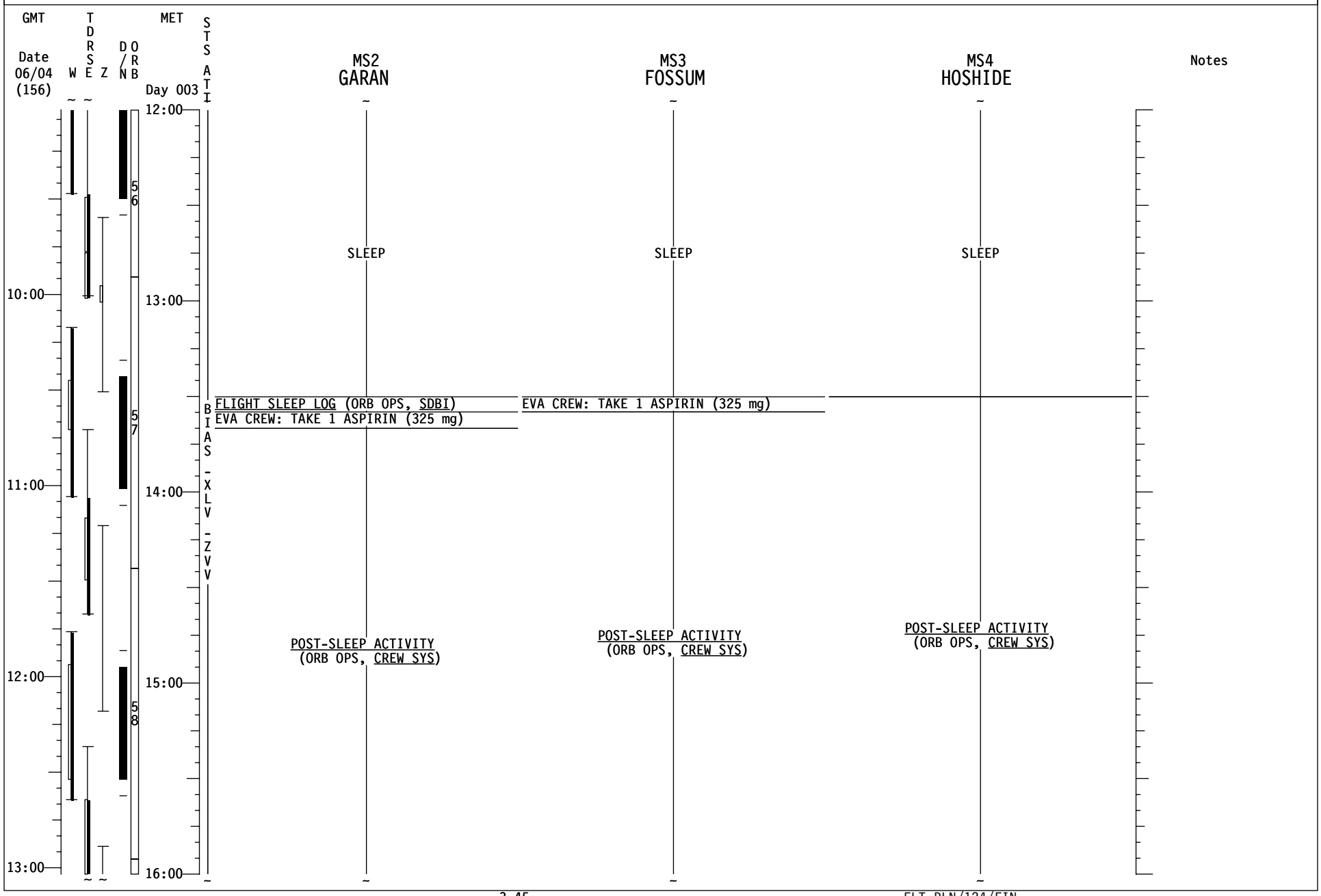
56
57
58
BIAS -XLV -ZVV
SLEEP
SLEEP
SLEEP
FD05 EZ ACTIVITES
√OCAC FILTER & MDDK DUCT SCREEN
HARD REBOOT ALL PGSCs EXCEPT:
STS-7(WLES),STS-6(RPOP2),&
OCA ROUTER.
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

STS-124 FD05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MS4
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SLEEP
SLEEP
SLEEP
FLIGHT SLEEP LOG (ORB OPS, SDBI)
EVA CREW: TAKE 1 ASPIRIN (325 mg)
EVA CREW: TAKE 1 ASPIRIN (325 mg)
BIAS-XLV-ZVV
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

STS-124 FD05

GMT Date 06/04 (156) | W | TDRS E | Z | D/N | ORB | MET Day 003 | STS ATI

CDR KELLY | PLT HAM | MS1 NYBERG | Notes

16:00 — 17:00 — 18:00 — 19:00 — 20:00

14:00 — 15:00 — 16:00 — 17:00

59 — 60 — 61

BIAS-XLV-ZVV

CDR KELLY

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

TRANSFER UPDATE
Ref. Transfer List & MSG XXX

OBSS SENSOR C/O (PDRS, VIEWING SUPPORT)

ASSY OPS: 1.200 CHECK VLV INSTL FOR A/L CCAA SAFING
Ref. Transfer List: Item XXX

MIDDECK TRANSFER
Ref. Transfer List

PLT HAM

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

IMU STAR OF OPTY ALIGN (ORB OPS, GNC)
TV (ILLUMINATOR OPS)
(PHOTO/TV, CC)
ILLUMINATORS OFF - ALL

OBSS SENSOR C/O (PDRS, VIEWING SUPPORT)

ASSY OPS: 1.200 CHECK VLV INSTL FOR A/L CCAA SAFING
Ref. Transfer List: Item XXX

EXERCISE

MS1 NYBERG

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

ASSY OPS: 2.002 VEST OUTFIT NOD2 PORT TO JPM - PART 1
Ref. Transfer List: Item XXX

Notes

NO EXERCISE DURING LCS SENSOR C/O

STS-124 FD05

GMT Date 06/04 (156) | W | TDRSE | Z | D/N | ORB | MET Day 003 | STS ATI

MS2 GARAN | MS3 FOSSUM | MS4 HOSHIDE | Notes

16:00

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

ASSY OPS: 2.002 VEST OUTFIT NOD2 PORT TO JPM - PART 1
Ref. Transfer List: Item XXX

59

EVA SYS: 1.305 EQUIP LOCK PREP
Ref: STS-124/1J EMU CONSUMABLES TRACKING CC

EVA SYS: 1.305 EQUIP LOCK PREP
Ref: STS-124/1J EMU CONSUMABLES TRACKING CC

14:00

17:00

PRE EVA 2 TOOL CONFIG (EVA, TIMELINES)

PRE EVA 2 TOOL CONFIG (EVA, TIMELINES)

NO EXERCISE DURING LCS SENSOR C/O

BIAS - XLV - ZVV

15:00

18:00

60

16:00

19:00

EVA SYS: 1.605 BSA BATT RECHRG - TERM
Ref:STS-124/1J EMU CONSUMABLES TRACKING CC

EVA SYS: 1.605 BSA BATT RECHRG - INIT
Ref:STS-124/1J EMU CONSUMABLES TRACKING CC

EXERCISE

ASSY OPS: 3.001 NODE2 PORT AFT NPRV RMV/RPLC W/IMV VLV
Steps 1,3-7

ASSY OPS: 6.003 JPM CHANNEL B INITIAL ACTIVATION - PCS

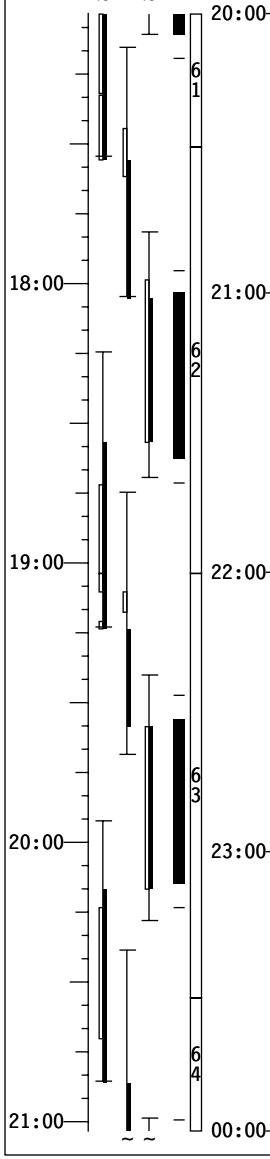
61

17:00

20:00

STS-124 FD05

GMT Date 06/04 (156) | W | TDRSE | Z | D/N | ORB | MET Day 003 | STS ATI | CDR KELLY | PLT HAM | MS1 NYBERG | Notes



20:00 – 00:00

STS ATI: BIAS - XLV - ZVV

CDR KELLY

JOINT OPS: 3.102 N2 TRANSFER INIT

MEAL

MIDDECK TRANSFER
Ref. Transfer List

ASSY OPS: 4.003 JPM INGRESS Step 1

EXERCISE

PLT HAM

EXERCISE

SHUTTLE/ISS H2O CNTR FILL
(ORB OPS, ECLS) INIT #2
Ref. MSG XXX

MEAL

SHUTTLE/ISS H2O CONT FILL
(ORB OPS, ECLS) TERM
Report B/C and S/N to MCC

CWC TRANSFER
Transfer 1 CWC to ISS

FILTER CLEANING
(IFM, SCHEDULED MAINTENANCE)
Inspect filters and clean
as necessary

MIDDECK TRANSFER
Ref. Transfer List

ASSY OPS: 4.003 JPM INGRESS Step 1

MIDDECK TRANSFER
Ref. Transfer List

MS1 NYBERG

MEAL

ASSY OPS: 2.003 VEST OUTFIT NOD2 PORT TO JPM - PART 2

EXERCISE

ASSY OPS: 4.003 JPM INGRESS Step 1

ASSY OPS: 4.003 JPM INGRESS Steps 2-5

STS-124 FD05

GMT Date 06/04 (156) | W | T D R S E | Z | D/N | O R B | MET Day 003 | STS ATI

MS2 GARAN | MS3 FOSSUM | MS4 HOSHIDE | Notes

18:00 | 19:00 | 20:00 | 21:00

61 | 62 | 63 | 64

20:00 | 21:00 | 22:00 | 23:00 | 00:00

BIAS-XLV-ZVV

MS2 GARAN

- MEAL
- ASSY OPS: 2.003 VEST OUTFIT NOD2 PORT TO JPM - PART 2
- ASSY OPS: 4.003 JPM INGRESS Step 1
- MIDDECK TRANSFER
  Ref. Transfer List

MS3 FOSSUM

- ASSY OPS: 3.001 NODE2 PORT AFT NPRV RMV/RPLC W/IMV VLV
  Steps 1,3-7
- EXERCISE
- MEAL
- EVA SYS: 1.515 EMU METOX/LIOH/BATT RPLC
  Ref: STS-124/1J EMU COMSUMABLES TRACKING CC
- EVA SYS: 1.307 REBA INSTL/RMVL-INSTALL
  Ref: STS-124/1J EMU CONSUMABLES TRACKING CC
- ASSY OPS: 4.003 JPM INGRESS Step 1
- MIDDECK TRANSFER
  Ref. Transfer List

MS4 HOSHIDE

- ASSY OPS: 6.003 JPM CHANNEL B INITIAL ACTIVATION - PCS
- EXERCISE
- MEAL
- ASSY OPS: 2.003 VEST OUTFIT NOD2 PORT TO JPM - PART 2
- ASSY OPS: 4.003 JPM INGRESS Step 1
- ASSY OPS: 4.003 JPM INGRESS Steps 2-5

STS-124 FD05

GMT Date 06/04 (156) | W | TDRSE | Z | D/N | ORB | MET Day 004 | STS ATI

22:00 | 23:00 | 00:00 | 01:00

00:00 | 01:00 | 02:00 | 03:00 | 04:00

64 | 65 | 66

BIAS - XLV - ZVV

CDR KELLY

EXERCISE

DAILY STS/ISS CREW TRANSFER TAGUP

TRANSFER BRIEF
Call down status to MCC

PRLA CLOSE (ORB OPS, PRLA)

EVA PROCEDURE REVIEW

Ref: EVA 2 BRIEFING CARD (EVA, TIMELINES)

PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

PRIVATE MEDICAL CONFERENCE

EVA SYS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE See Page 3-52

PLT HAM

MIDDECK TRANSFER
Ref. Transfer List

WCS FILTER CHECK A

A WCS CRADLE - AUTO INHIBIT
Inspect hose block filter.
Change out if req'd.
WCS CRADLE - AUTO

PRLA CLOSE (ORB OPS, PRLA)

EVA PROCEDURE REVIEW

Ref: EVA 2 BRIEFING CARD (EVA, TIMELINES)

TV (ILLUMINATOR OPS) (PHOTO/TV, CC)
ILLUMINATORS ON - A,D

PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

MS1 NYBERG

ASSY OPS: 4.003 JPM INGRESS Steps 2-5

ASSY OPS: 4.005 FSE ACCUM DSCNCT

ASSY OPS: 4.008 FSE ACCUM REMOVAL

ASSY OPS: 5.005 JEM SETUP BEFORE SYS RACK XFER

ASSY OPS: 5.008 RACK XFER - JEMRMS,ICS, SAIBO,RYUTAI,JRSR
JEMRMS RACK XFER

PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

Notes

STS-124 FD05

GMT Date 06/04 (156) | W | TDRSE | Z | D/N | ORB | MET Day 004 | STS ATI

22:00 | 23:00 | 00:00 | 01:00

64 | 65 | 66

00:00 | 01:00 | 02:00 | 03:00 | 04:00

BIAS - XLV - ZVV

MS2 GARAN

MIDDECK TRANSFER
Ref. Transfer List

JPM PCS INSTALL B

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

EVA PROCEDURE REVIEW

Ref: EVA 2 BRIEFING CARD
(EVA, TIMELINES)

B ASSY OPS: 2.303 PCS DEACT
Steps 1-5 to shutdown NOD2 PCS(Shell SN2210), powerdown NOD2 UOP1 J3,detatch cables & power supply from UOP, and xfer NOD2 PCS with supply/cables to JEM.

ASSY OPS: 2.308 PCS SETUP
Perform all steps to Setup PCS(Shell SN2210) and connect to JEM UOP AD5/J3. Recommended location: Port side seat track on Closeout Panel JPM1A7-08. UOP-JPM1AD5 J3. Route cable along JPM1AD standoff not to interfere with JEMRMS rack installation.

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

EVA SYS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE See Page 3-53

MS3 FOSSUM

MIDDECK TRANSFER
Ref. Transfer List

ASSY OPS: 6.006 JPM ELPS C/O & ENABLE

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

EVA PROCEDURE REVIEW

Ref: EVA 2 BRIEFING CARD
(EVA, TIMELINES)

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

EVA SYS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE See Page 3-53

MS4 HOSHIDE

ASSY OPS: 4.003 JPM INGRESS Steps 2-5

P/TV05 ISS INTERNAL OPS (HC)
(PHOTO/TV, SCENES)
JEM DRAG-THRU CABLE DEPLOY

ASSY OPS: 4.009 JEM SYSTEM RACK FRONT BRACKET REFERENCE, CC

ASSY OPS: 7.001 JLP VENT FAN ACT(DEACT) -MKAM ACT Step 1

ASSY OPS: 5.005 JEM SETUP BEFORE SYS RACK XFER

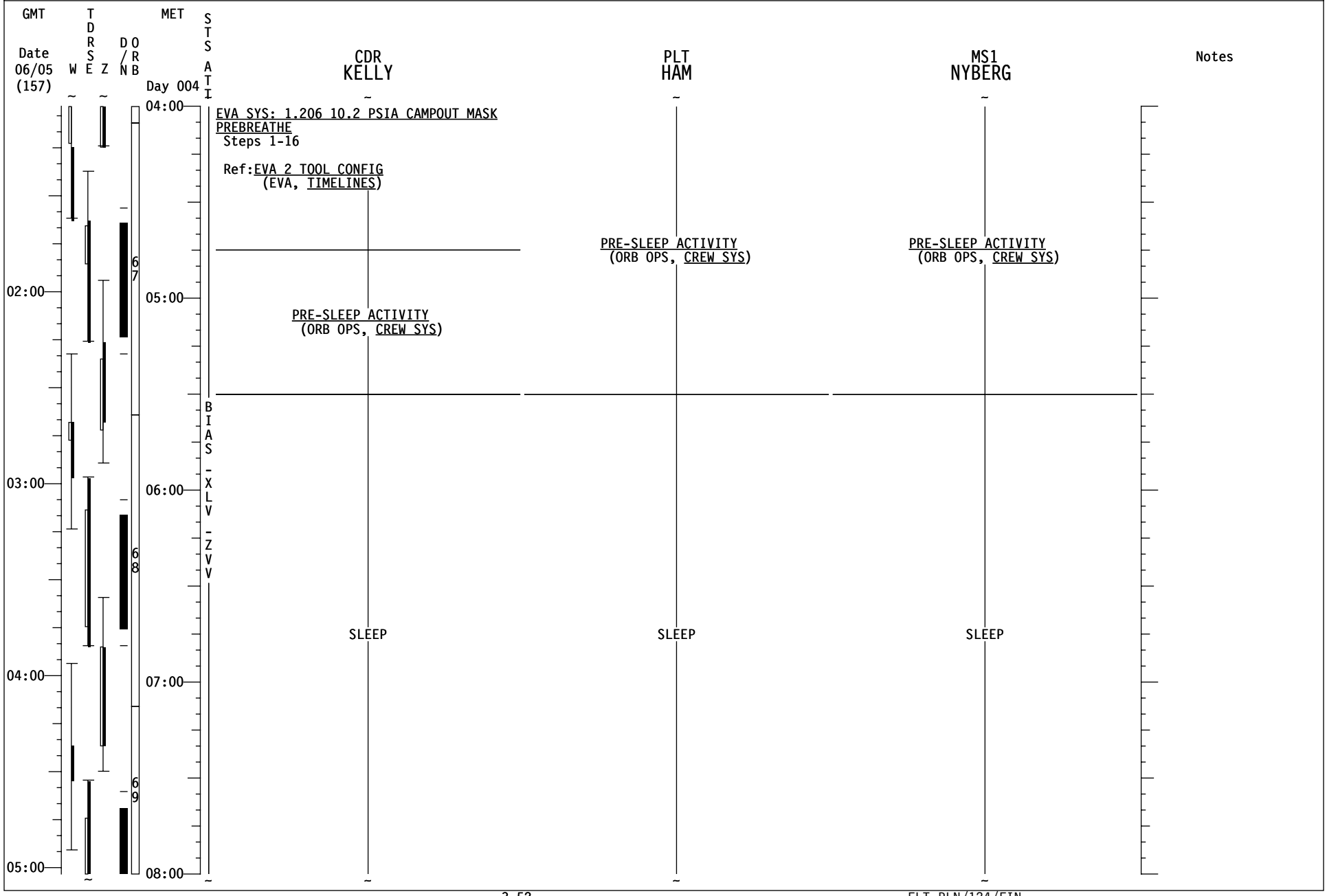
ASSY OPS: 5.008 RACK XFER - JEMRMS,ICS, SAIBO,RYUTAI,JRSR
JEMRMS RACK XFER

ASSY OPS: 7.001 JLP VENT FAN ACT(DEACT) -MKAM DEACT Step 2

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

Notes

STS-124 FD05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EVA SYS: 1.206 10.2 PSIA CAMPOUT MASK
PREBREATHE
Steps 1-16
Ref:EVA 2 TOOL CONFIG
(EVA, TIMELINES)
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
SLEEP
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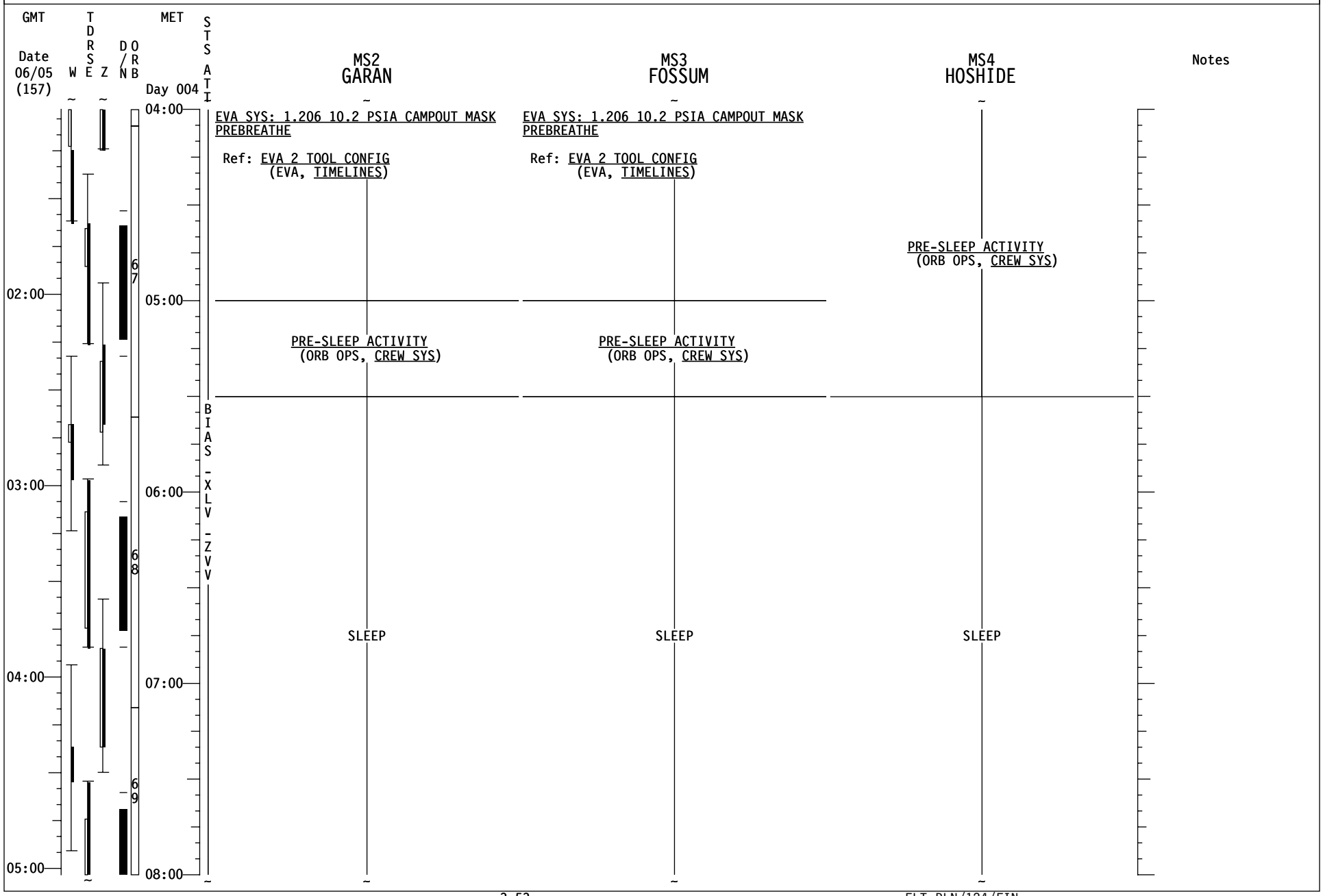
STS-124 FD05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MS2 GARAN
MS3 FOSSUM
MS4 HOSHIDE
Notes
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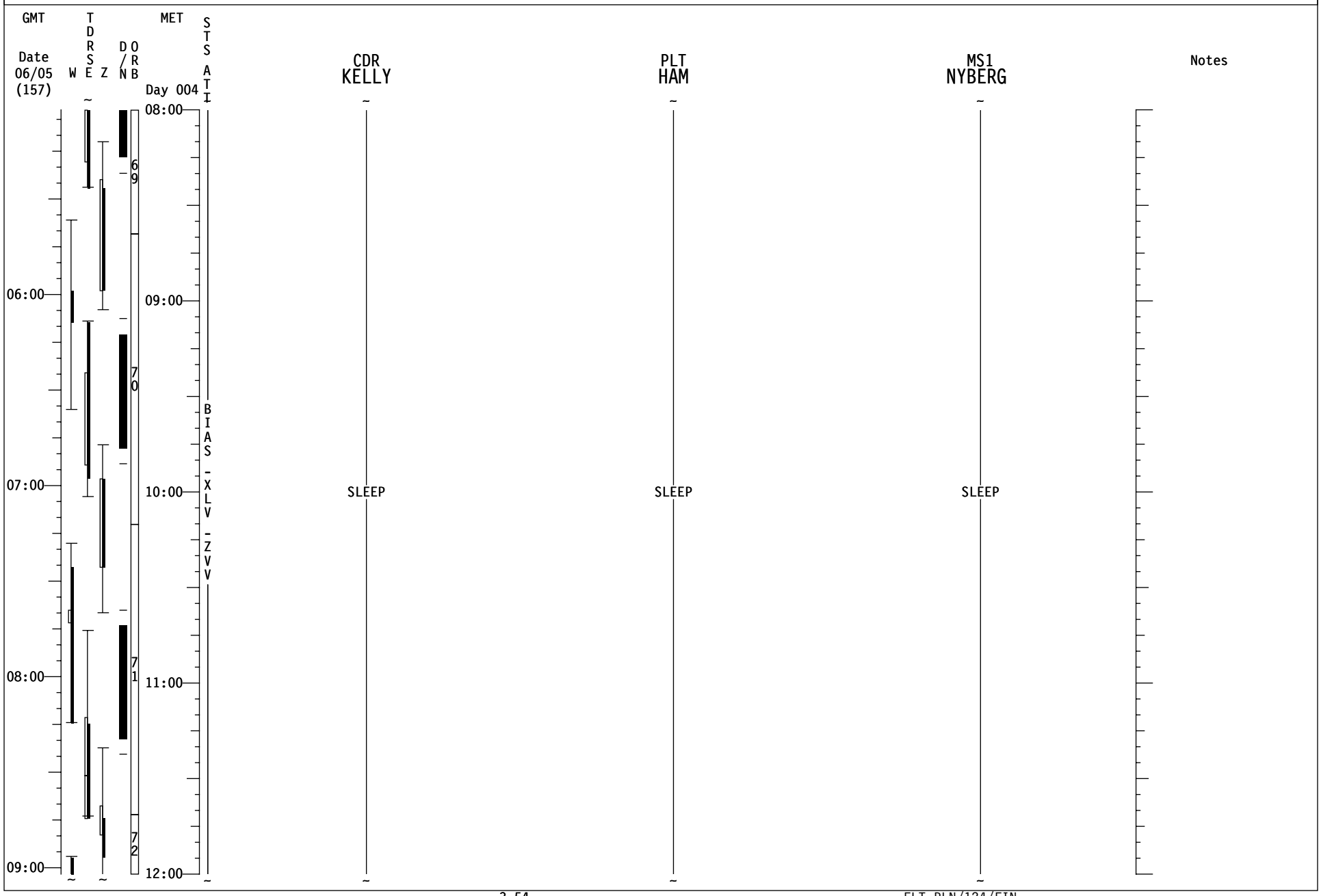
BIAS -XLV -ZVV
EVA SYS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE
Ref: EVA 2 TOOL CONFIG (EVA, TIMELINES)
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
SLEEP
EVA SYS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE
Ref: EVA 2 TOOL CONFIG (EVA, TIMELINES)
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
SLEEP
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
SLEEP

STS-124 FD05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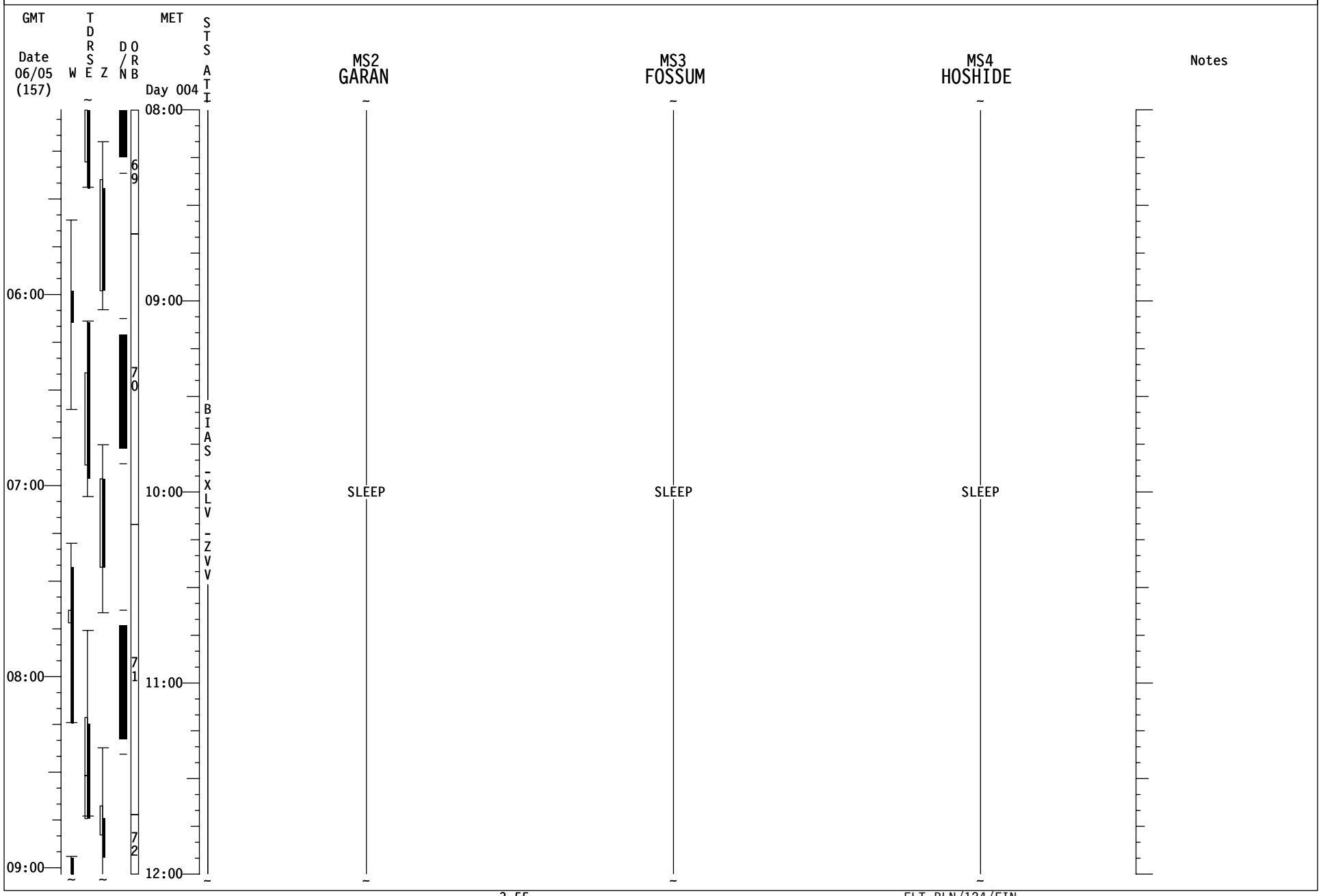
STS-124 FD05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MS2
GARAN
SLEEP
MS3
FOSSUM
SLEEP
MS4
HOSHIDE
SLEEP
Notes

STS-124 FD06

GMT Date 06/05 (157) | W | TDRS E | Z | D/N | ORB | MET Day 004 | STS ATI

CDR KELLY | PLT HAM | MS1 NYBERG | Notes

12:00 — 13:00 — 14:00 — 15:00 — 16:00

10:00 — 11:00 — 12:00 — 13:00

72 — 73 — 74

SLEEP (CDR KELLY)

SLEEP (PLT HAM)

SLEEP (MS1 NYBERG)

FD06 EZ ACTIVITES
√OCAC FILTER & MDDK DUCT SCREEN
HARD REBOOT ALL PGSCs EXCEPT:
STS-7(WLES),STS-6(RPOP2),&
OCA ROUTER.

FLIGHT SLEEP LOG (ORB OPS, SDBI)

BIAS-XLV-ZVV

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

PRIVATE MEDICAL CONFERENCE

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

EVA SYS: 1.211 HYGIENE BREAK
Steps 21-29
MCC-H will perform Step 23

EVA SYS:1.216 10.2 PSIA CAMPOUT EVA PREP

STS-124 FD06

GMT Date 06/05 (157) | W | T D R S E | Z | D/N | O R B | MET Day 004 | STS ATI

MS2 GARAN | MS3 FOSSUM | MS4 HOSHIDE | Notes

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

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

72 73 74

BIAS-XLV-ZVV

SLEEP

SLEEP

SLEEP

POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

EVA SYS: 1.211 HYGIENE BREAK
MCC-H will perform
Steps 1-4, 16-20, & 23

EVA SYS: 1.211 HYGIENE BREAK
MCC-H will perform
Steps 1-4, 16-20, & 23

POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

EVA SYS:1.216 10.2 PSIA CAMPOUT EVA PREP

EVA SYS:1.216 10.2 PSIA CAMPOUT EVA PREP

ASSY OPS: 7.001 JLP VENT FAN ACT(DEACT)
-MKAM ACT Step 1
ASSY OPS: 5.007 RACK XFER - EPS1,DMS1,WS
EPS1 RACK XFER

STS-124 FD06

GMT Date 06/05 (157) | W | TDRSE | Z | D/N | ORB | MET Day 004 | STS ATI | CDR KELLY | PLT HAM | MS1 NYBERG | Notes

16:00 — 17:00 — 18:00 — 19:00 — 20:00

14:00 — 15:00 — 16:00 — 17:00

74 — 75 — 76 — 77

BIAS-XLV-ZVV

CDR KELLY

EVA SYS:1.216 10.2 PSIA CAMPOUT EVA PREP

EVA SYS: 1.220 EMU PURGE

EVA SYS: 1.225 EMU PREBREATHE

EVA SYS: CREWLOCK DPRS/RPRS(CC)
CREWLOCK DEPRESS

EVA SYS:CREWLOCK POST DPRS(CC)EGRS/S/U

DUMMY PANEL H RELOCATE
Per crew pref, relocate panels to JLP1F1 and P2.
Ref 5.005 JEM SETUP BEFORE SYSTEM RACK TRANSFER if reqd.
Release bonding plate from panel (Ratchet,1/4"Drive;5/32"Hex Head).
Attach bonding plate to standoff.
Tighten, torque fastener (one) to 35 in-lbs
[Ratchet,1/4"Drive,5/32"Hex Head,(10-50 in-lbs Trq Wrench].

CONDENSATE CWC CHANGEOUT
(ORB OPS, ECLS)
Ref MSG: XXX

SHUTTLE/ISS H2O CNTR FILL
(ORB OPS, ECLS) INIT #3
Ref. MSG XXX

MEAL

PLT HAM

POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

TV (ILLUMINATOR OPS)
(PHOTO/TV, CC)
ILLUMINATORS OFF - ALL

IMU STAR OF OPTY ALIGN (ORB OPS, GNC)

ASSY OPS: 5.007 RACK XFER - EPS1,DMS1,WS
DMS1 RACK XFER

EVA2 INHIBIT PAD
(EVA, TIMELINES)

L17 Check MCIU filter screen

P/TV07 EVA
(PHOTO/TV, SCENES)
Perform SETUP & OPS

EVA SYS:CREWLOCK POST DPRS(CC)EGRS/S/U

IVA SUPPORT FOR EVA

MS1 NYBERG

POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

EXERCISE

CDH: 1.107 C&W PANEL VERIF Step 4.1
Press Test button on JEMRMS C&W panel
and verify all lights are illuminated.

ASSY OPS: 5.007 RACK XFER - EPS1,DMS1,WS
WS RACK XFER

S&M: 1.800 AMIA INSTALLATION & REMOVAL
Step 2

MEAL

STS-124 FD06

GMT Date 06/05 (157) | W | TDRS E | Z | D/N | ORB | MET Day 004 | STS ATI

MS2 GARAN | MS3 FOSSUM | MS4 HOSHIDE | Notes

MET	MS2 GARAN	MS3 FOSSUM	MS4 HOSHIDE
16:00	EVA SYS:1.216 10.2 PSIA CAMPOUT EVA PREP	EVA SYS:1.216 10.2 PSIA CAMPOUT EVA PREP	ASSY OPS: 5.007 RACK XFER - EPS1,DMS1,WS EPS1 RACK XFER
			ASSY OPS: 5.002 EPS1 RACK UMBILICAL MATE
17:00	EVA SYS: 1.220 EMU PURGE	EVA SYS: 1.220 EMU PURGE	
	EVA SYS: 1.225 EMU PREBREATHE	EVA SYS: 1.225 EMU PREBREATHE	
			ASSY OPS: 4.011 JPM HCTL A(B) RECONFIG HCTL-B
18:00	EVA SYS: CREWLOCK DPRS(CC)	EVA SYS: CREWLOCK DPRS(CC)	
			ASSY OPS: 4.011 JPM HCTL A(B) RECONFIG HCTL-A
	EVA SYS: CREWLOCK POST DPRS(CC)EGRS/S/U	EVA SYS: CREWLOCK POST DPRS(CC)EGRS/S/U	
	EGRESS/EVA 2 SETUP	EGRESS/EVA 2 SETUP	
19:00			EXERCISE
	INSTALL FORWARD JTVE	INSTALL AFT JTVE	
20:00	REMOVE JEMRMS THM CVRS & EE MLI	REMOVE JEMRMS THM CVRS & EE MLI	ASSY OPS: 2.004 VEST OUTFIT NOD2 PORT TO JPM - PART 3

BIAS-XLV-ZVV

74 75 76 77

STS-124 FD06

GMT Date 06/05 (157) | W | TDRSE | Z | D/N | ORB | MET Day 004 | STS ATI

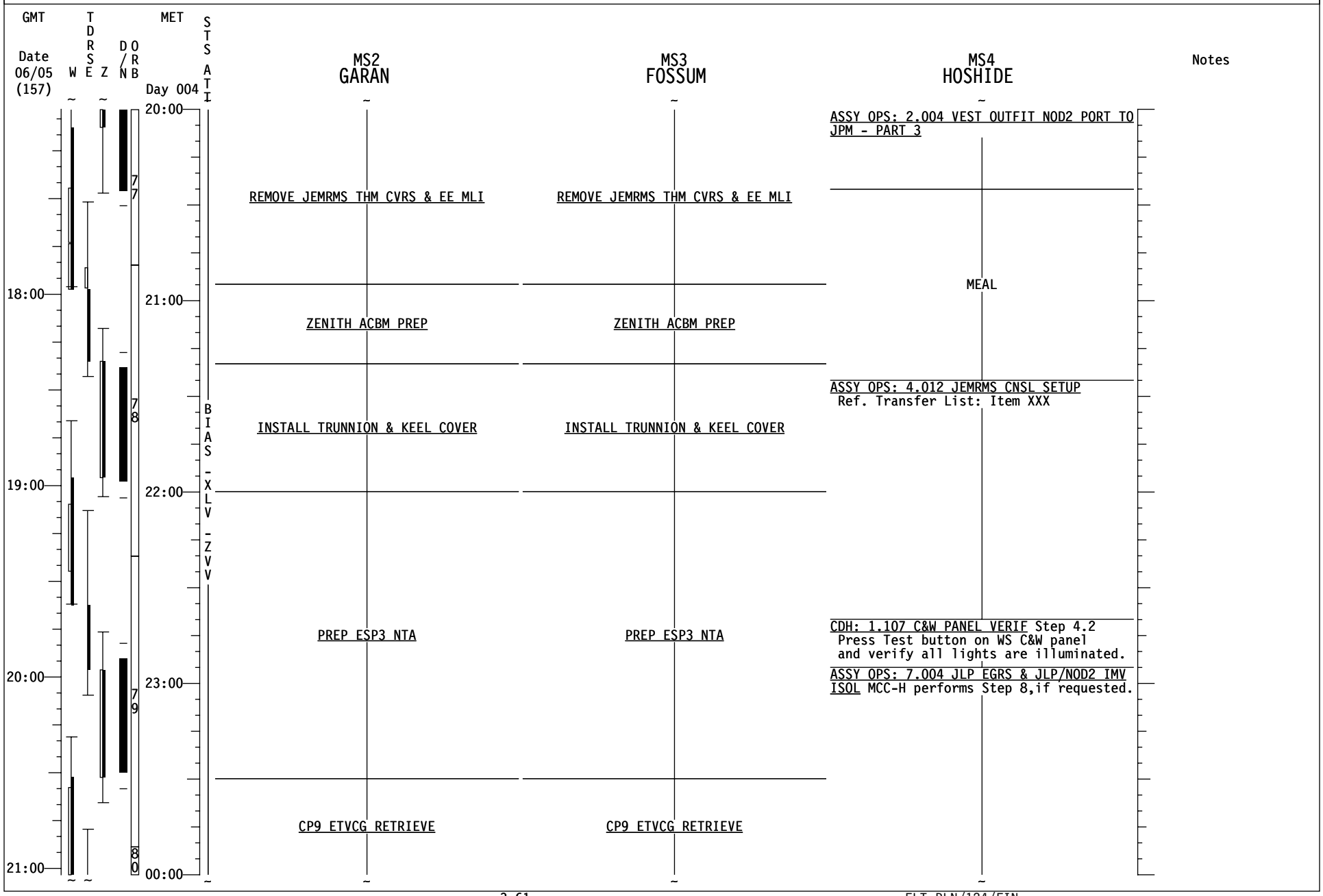
CDR KELLY	PLT HAM	MS1 NYBERG	Notes
MEAL		MEAL	
SHUTTLE/ISS H2O CONT FILL (ORB OPS, ECLS) TERM Report B/C and S/N to MCC		ASSY OPS: 5.008 RACK XFER - JEMRMS,ICS, SAIBO,RYUTAI, JRSR ICS RACK XFER	
CWC TRANSFER Transfer 1 CWC to ISS			
EVA SYS: 1.605 BSA BATT RECHRG - TERM Ref:STS-124/1J EMU CONSUMABLES TRACKING CC			
PWR FILL (ORB OPS, ECLS) INIT			
P/TV07 EVA (P/TV, SCENES) Perform OPS		ASSY OPS: 5.008 RACK XFER - JEMRMS,ICS, SAIBO,RYUTAI,JRSR RYUTAI RACK XFER	
PWR FILL (ORB OPS, ECLS) TERM	IVA SUPPORT FOR EVA		
PWR FILL (ORB OPS, ECLS) INIT			
P/TV07 EVA (P/TV, SCENES) Perform OPS			
PWR FILL (ORB OPS, ECLS) TERM		MNVR TO JPM VIEWING (PDRS, VIEWING SUPPORT)	
PWR TRANSFER Tansfer 2 PWRs to ISS		ASSY OPS: 7.004 JLP EGRS & JLP/NOD2 IMV ISOL MCC-H performs Step 8,if requested.	
P/TV07 EVA (P/TV, SCENES) Perform OPS			

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

Day 004: 77, 78, 79, 80

BIAS-XLV-ZVV

STS-124 FD06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Day 004
STS ATI
MS2 GARAN
MS3 FOSSUM
MS4 HOSHIDE
Notes
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BIAS - XLV - ZVV
REMOVE JEMRMS THM CVRS & EE MLI
REMOVE JEMRMS THM CVRS & EE MLI
ZENITH ACBM PREP
ZENITH ACBM PREP
INSTALL TRUNNION & KEEL COVER
INSTALL TRUNNION & KEEL COVER
PREP ESP3 NTA
PREP ESP3 NTA
CP9 ETVCG RETRIEVE
CP9 ETVCG RETRIEVE
ASSY OPS: 2.004 VEST OUTFIT NOD2 PORT TO JPM - PART 3
MEAL
ASSY OPS: 4.012 JEMRMS CNSL SETUP
Ref. Transfer List: Item XXX
CDH: 1.107 C&W PANEL VERIF Step 4.2
Press Test button on WS C&W panel
and verify all lights are illuminated.
ASSY OPS: 7.004 JLP EGRS & JLP/NOD2 IMV ISOL MCC-H performs Step 8,if requested.

STS-124 FD06

GMT Date 06/05 (157) | W | TDRSE | Z | D/N | ORB | MET Day 005 | STS ATI

CDR KELLY | PLT HAM | MS1 NYBERG | Notes

00:00 — P/TV07 EVA (P/TV, SCENES) Perform OPS

IVA SUPPORT FOR EVA

ASSY OPS: 7.004 JLP EGRS & JLP/NOD2 IMV ISOL MCC-H performs Step 8,if requested.
ASSY OPS: 7.001 JLP VENT FAN ACT(DEACT) -MKAM DEACT Step 2
ASSY OPS: 1.100 CBM CONTROLLER PANEL ASSEMBLY INSTALL - GENERIC

22:00 — 01:00 — EVA SYS: CREWLOCK DPRS/RPRS(CC)PRE RPRS
EVA SYS: CREWLOCK DPRS/RPRS(CC) CREWLOCK REPRESS

EVA SYS: CREWLOCK DPRS/RPRS(CC)PRE RPRS
EVA SYS: CREWLOCK DPRS/RPRS(CC) CREWLOCK REPRESS

EVA SYSTEMS: 1.240 POST EVA
With H2O
With METOX
MCC-H will perform Steps 44 & 68

Ref: STS-124/1J EMU CONSUMABLES TRACKING CC

EXERCISE

23:00 — 02:00 — S&M: 1.800 AMIA INSTALLATION & REMOVAL Step 3

TV (ILLUMINATOR OPS) (PHOTO/TV, CC) ILLUMINATORS ON - A,D

EVA SYS: 1.605 BSA BATTERY RECHARGE -INIT

Ref: STS-124/1J EMU CONSUMABLES TRACKING CC

00:00 — 03:00 — PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

01:00 — 04:00

BIAS-XLV-ZVV

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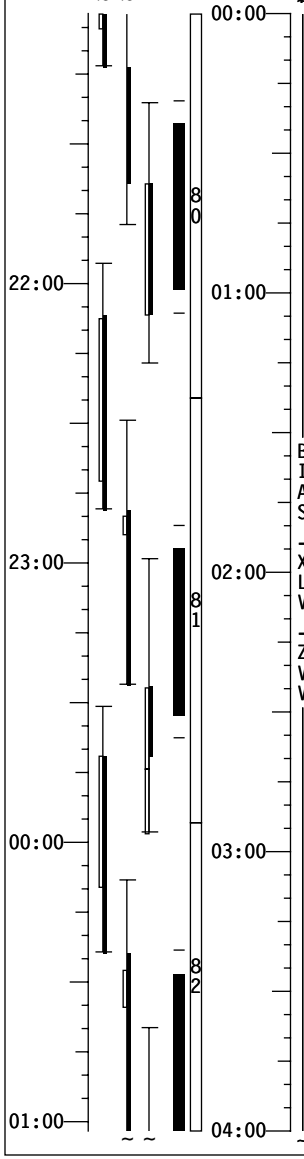
STS-124 FD06

GMT Date 06/05 (157) | W | TDRSE | Z | D/N | ORB | MET Day 005 | STS ATI



BIAS - XLV - ZVV

MS2 GARAN

CP9 ETVCG RETRIEVE

EVA1 CLEANUP

EVA SYS: CREWLOCK DPRS/RPRS(CC)PRE RPRS

EVA SYS: CREWLOCK DPRS/RPRS(CC)
CREWLOCK REPRESS

EVA SYSTEMS: 1.240 POST EVA
With H2O
With METOX
MCC-H will perform Steps 44 & 68

Ref: STS-124/1J EMU CONSUMABLES TRACKING CC

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

MS3 FOSSUM

CP9 ETVCG RETRIEVE

EVA1 CLEANUP

EVA SYS: CREWLOCK DPRS/RPRS(CC)PRE RPRS

EVA SYS: CREWLOCK DPRS/RPRS(CC)
CREWLOCK REPRESS

EVA SYSTEMS: 1.240 POST EVA
With H2O
With METOX
MCC-H will perform Steps 44 & 68

Ref: STS-124/1J EMU CONSUMABLES TRACKING CC

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

MS4 HOSHIDE

ASSY OPS: 7.004 JLP EGRS & JLP/NOD2 IMV ISOL MCC-H performs Step 8,if requested.

ASSY OPS: 1.606 HATCH LATCH POSITION TO HARDSTOP

PCS RELOCATE
Relocate PCS w/desk & bogen arm to Right side of JEMRMS rack.Secure cables.

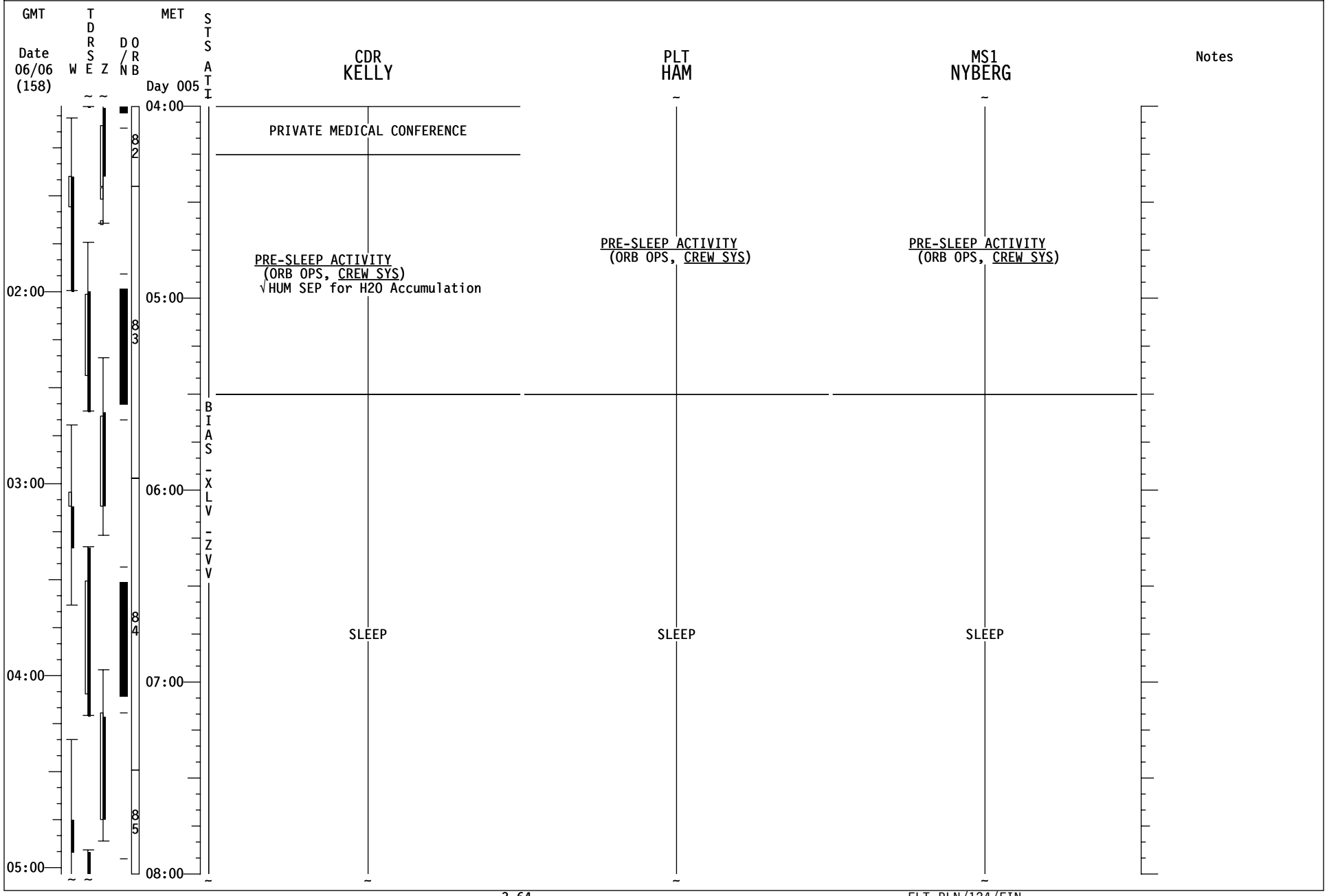
SSC SETUP
Install Hardwired SSC & Drag-thru SSC to JEMRMS rack. Locations are crew preference. Ref. 5.401 JEMRMS PERIPHERALS CONFIGURATION if req'd.

JEMRMS DOUG STARTUP
(JODF/ROBO, ACT & C/O) Step 1

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

Notes

STS-124 FD06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PRIVATE MEDICAL CONFERENCE
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
√HUM SEP for H2O Accumulation
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
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(ORB OPS, CREW SYS)
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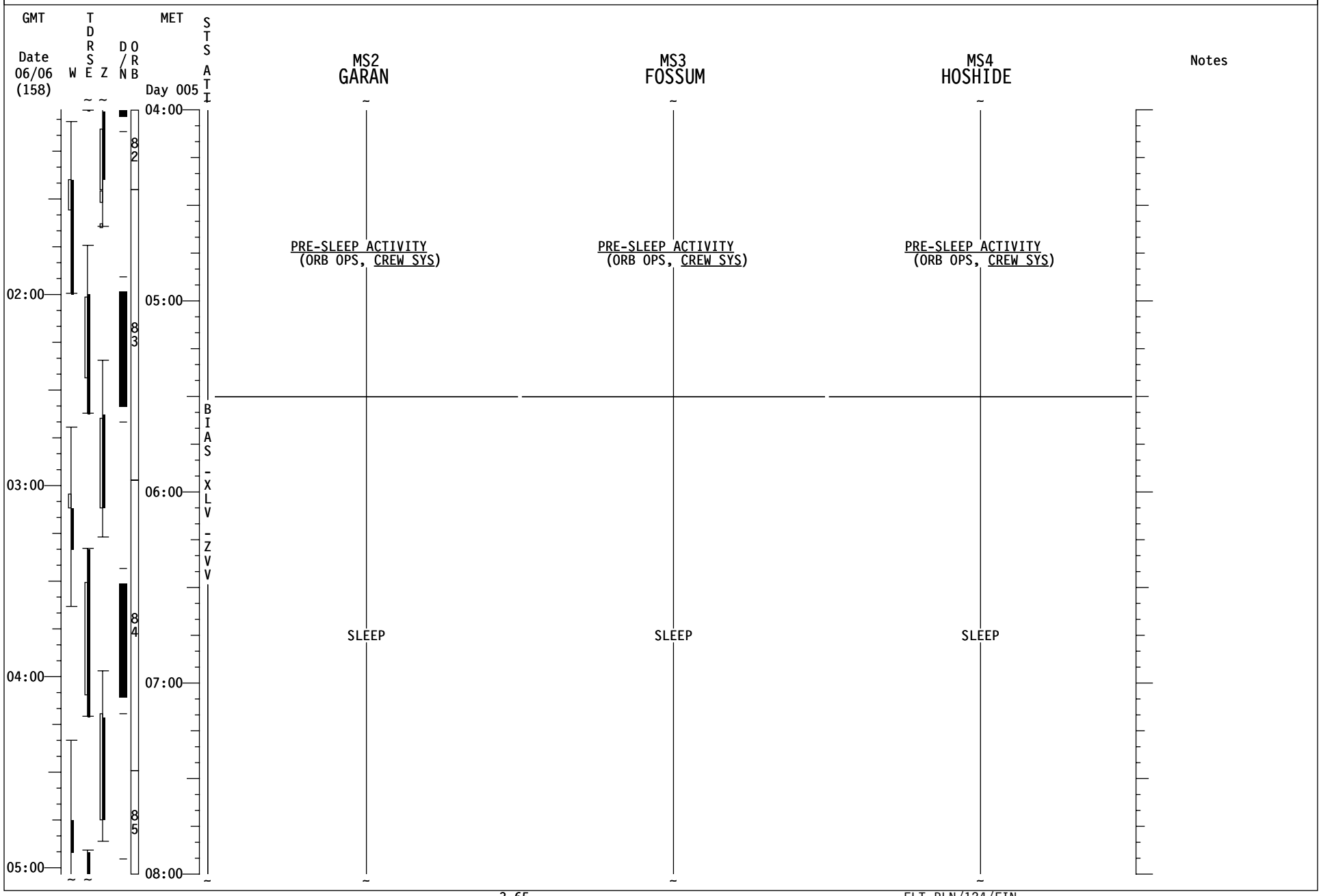
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BIAS-XLV-ZVV
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
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(ORB OPS, CREW SYS)
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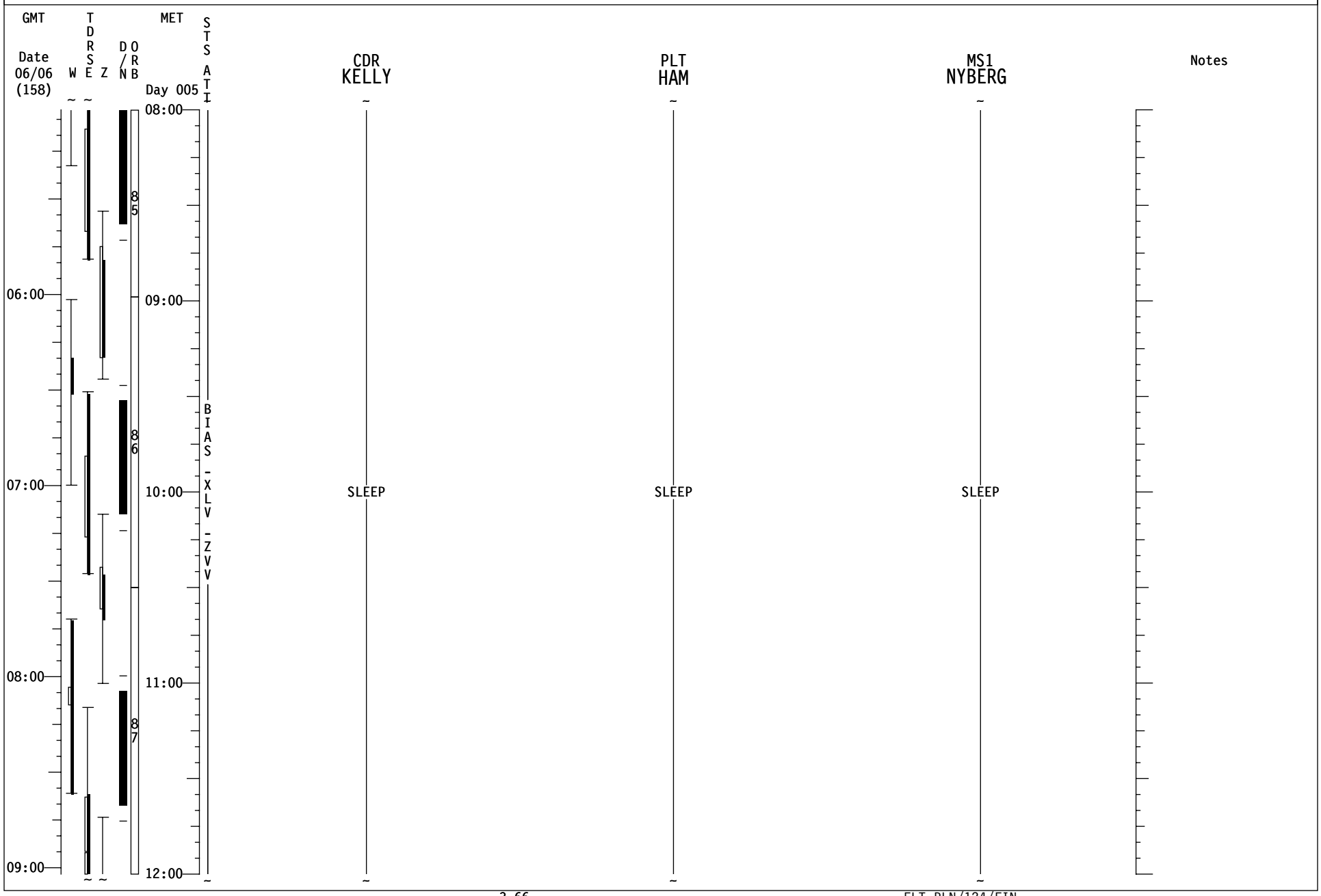
STS-124 FD06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KELLY
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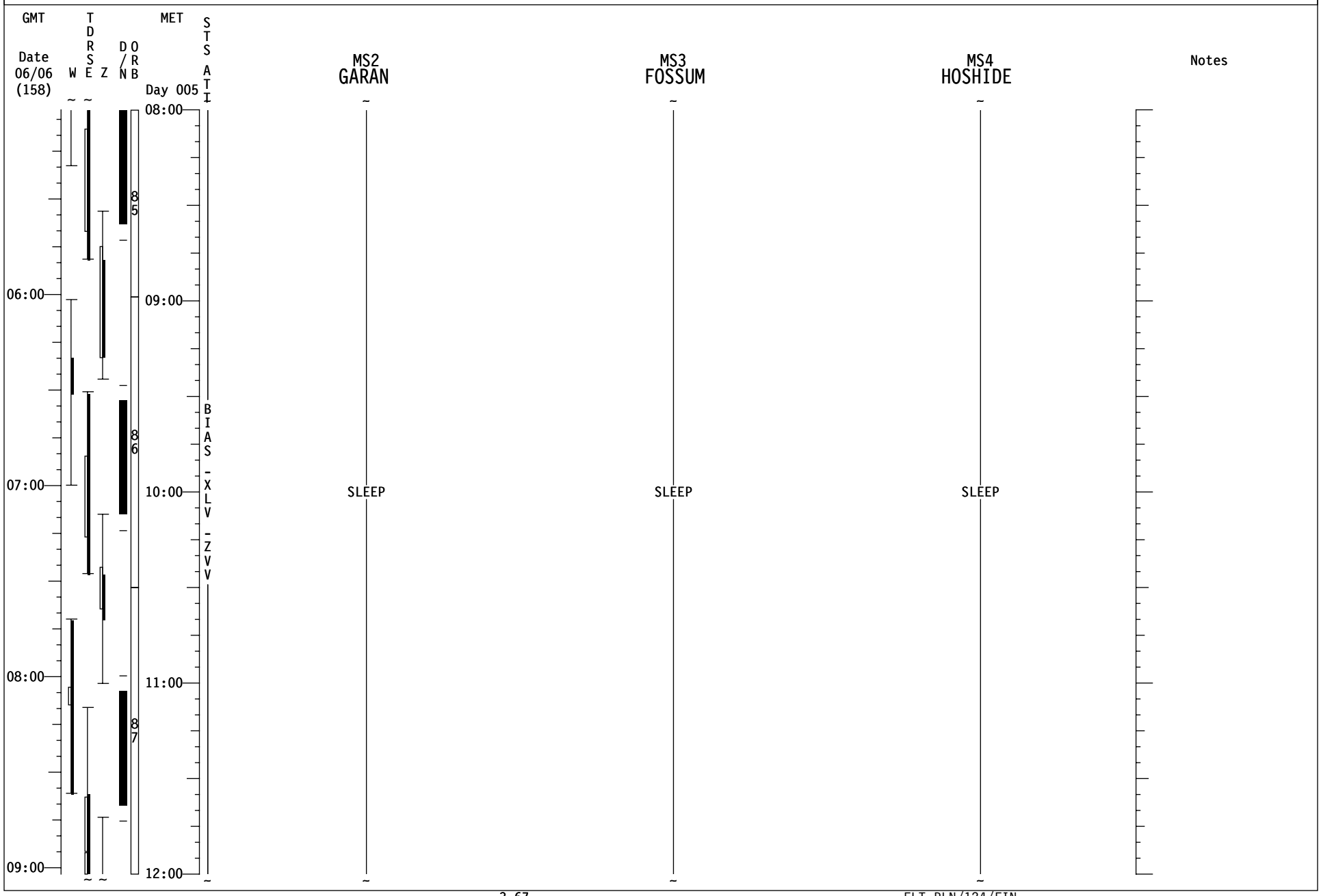
PLT
HAM
SLEEP
MS1
NYBERG
SLEEP
Notes

STS-124 FD06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STS-124 FD07

GMT Date 06/06 (158) | W | TDRS E | Z | D/N | ORB | MET Day 005 | STS ATI

CDR KELLY | PLT HAM | MS1 NYBERG | Notes

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

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

88 89 90

SLEEP

SLEEP

SLEEP

FD07 EZ ACTIVITES
√OCAC FILTER & MDDK DUCT SCREEN
HARD REBOOT ALL PGSCs EXCEPT:
STS-7(WLES),STS-6(RPOP2),&
OCA ROUTER.

FLIGHT SLEEP LOG (ORB OPS, SDBI)

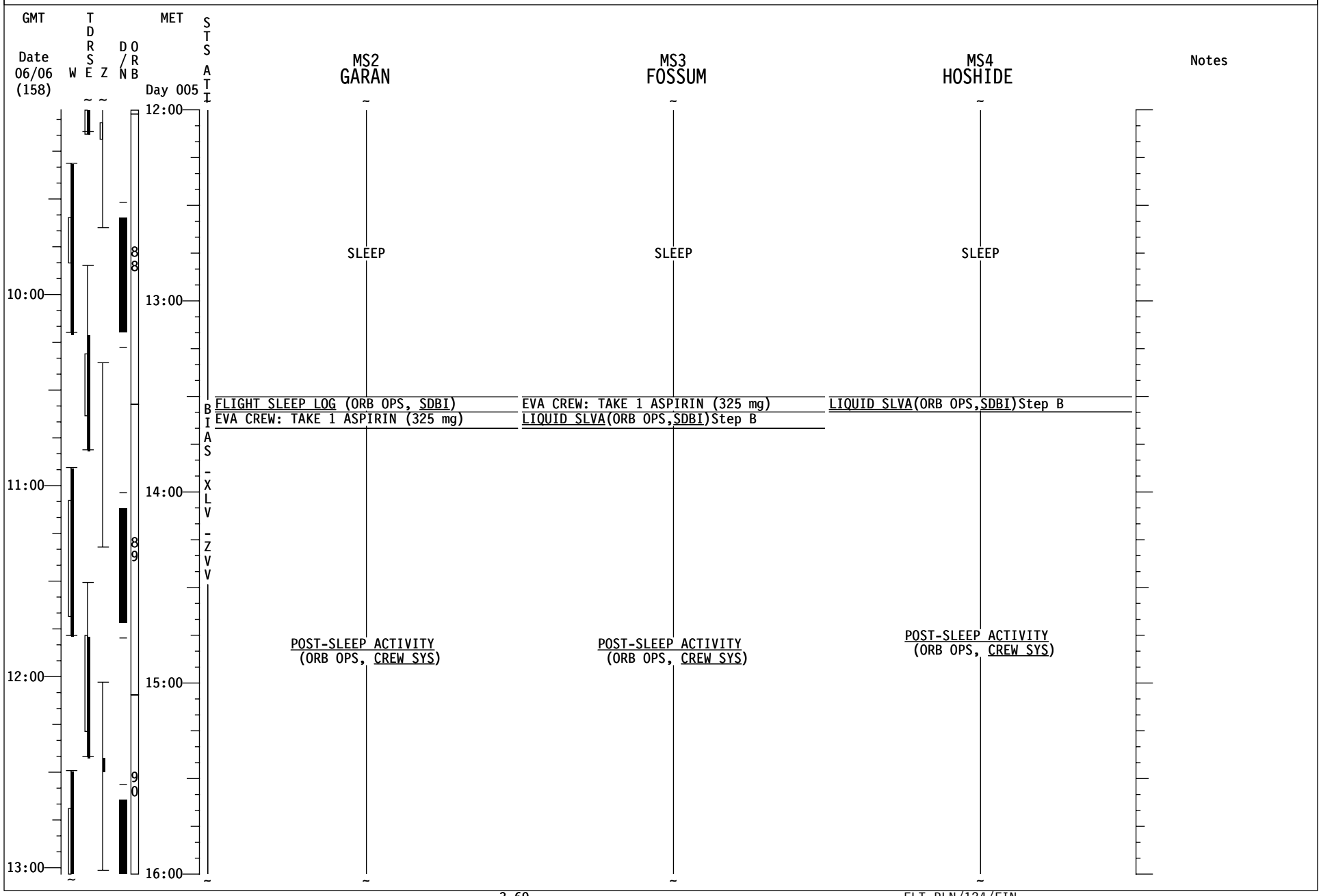
BIAS -XLV -ZVV

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

STS-124 FD07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SLEEP
SLEEP
SLEEP
FLIGHT SLEEP LOG (ORB OPS, SDBI)
EVA CREW: TAKE 1 ASPIRIN (325 mg)
EVA CREW: TAKE 1 ASPIRIN (325 mg)
LIQUID SLVA(ORB OPS,SDBI)Step B
LIQUID SLVA(ORB OPS,SDBI)Step B
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

STS-124 FD07

GMT Date 06/06 (158) | W | TDRSE | Z | D/N | ORB | MET Day 005 | STS ATI

CDR KELLY

POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

TRANSFER UPDATE
Ref. Transfer List & MSG XXX

SHUTTLE/ISS H2O CNTR FILL
(ORB OPS, ECLS) INIT #4
Ref. MSG XXX

MIDDECK TRANSFER
Ref. Transfer List

SHUTTLE/ISS H2O CONT FILL
(ORB OPS, ECLS) TERM
Report B/C and S/N to MCC

CWC TRANSFER
Transfer 1 CWC to ISS

N2 RPRS USING P/L N2 VLV A

MIDDECK TRANSFER
Ref. Transfer List

A (ORB OPS, ECLS) Steps 1-6
MCC will TMBU SM limits

PLT HAM

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

TV (ILLUMINATOR OPS)
(PHOTO/TV, CC)
ILLUMINATORS OFF - ALL

L17 Check MCIU filter screen

FOCUSED INSPECTION
Ref. MSG XXX

MS1 NYBERG

POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

ROBO: 2.103 JPM RELEASE & WALKOFF
TO MBS PDGF3 Steps 10-11

ROBO: 3.101 MNVR TO FI SUPPORT

ASSY OPS: 4.013 JPM RACK RCNFG
Steps 1-9 Rotate Down

ASSY OPS: 4.014 JPM TCA M ACCUMU INLET
MAN VLV CLOSE

ASSY OPS: 4.013 JPM RACK RCNFG
Steps 10-12 Rotate Up

MEAL

Notes

UPLINK
TBD

NO EXERCISE
DURING LCS IMAGING

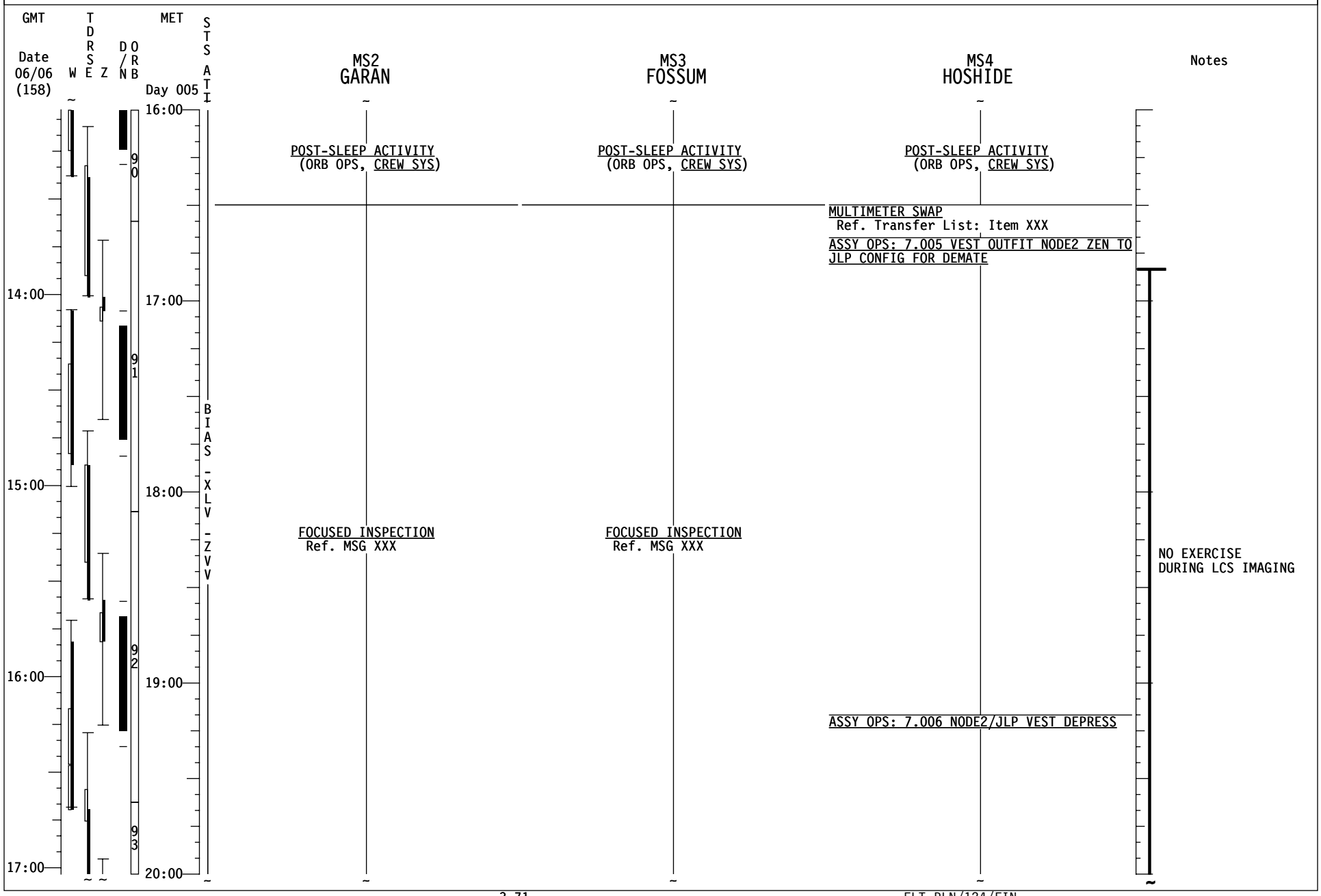
Day 005: 16:00, 17:00, 18:00, 19:00, 20:00

Date 06/06 (158): 14:00, 15:00, 16:00, 17:00

STS ATI: BIAS-XLV-ZVV

90, 91, 92, 93

STS-124 FD07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MS4
HOSHIDE
Notes
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
MULTIMETER SWAP
Ref. Transfer List: Item XXX
ASSY OPS: 7.005 VEST OUTFIT NODE2 ZEN TO
JLP CONFIG FOR DEMATE
FOCUSED INSPECTION
Ref. MSG XXX
FOCUSED INSPECTION
Ref. MSG XXX
NO EXERCISE
DURING LCS IMAGING
ASSY OPS: 7.006 NODE2/JLP VEST DEPRESS

STS-124 FD07

GMT Date 06/06 (158) | W | TDRSE | Z | D/N | ORB | MET Day 005 | STS ATI | CDR KELLY | PLT HAM | MS1 NYBERG | Notes

CDR KELLY

- MIDDECK TRANSFER
  Ref. Transfer List
- N2 REPRESS USING P/L N2 VALVES B
- PUBLIC AFFAIRS EVENT
  KU TDRX: XX:XX-XX:XX
- MEAL
- PWR FILL (ORB OPS, ECLS) INIT
- MIDDECK TRANSFER
  Ref. Transfer List
- PWR FILL (ORB OPS, ECLS) TERM
- PWR FILL (ORB OPS, ECLS) INIT
- MIDDECK TRANSFER
  Ref. Transfer List
- PWR FILL (ORB OPS, ECLS) TERM
- PWR TRANSFER
  Tansfer 2 PWRs to ISS
- EXERCISE

PLT HAM

- FOCUSED INSPECTION
  Ref. MSG XXX
- WCS COMPACTOR OPS (DUAL-VANE)
  (ORB OPS, CUE CARD)
- IMU STAR OF OPTY ALIGN (ORB OPS, GNC)
- MEAL
- JLP RELOCATE CAMERA SUPPORT
- MIDDECK TRANSFER
  Ref. Transfer List

MS1 NYBERG

- MEAL
- ROBO: 4.101 MNVR FROM FI TO JLP PREGRPL
- ROBO: 4.102 JLP RELOCATE
  Steps 1-2
- ROBO: 4.102 JLP RELOCATE
  Steps 3-5
- ROBO: 4.102 JLP RELOCATE
  Steps 6-8
- ROBO: 4.102 JLP RELOCATE
  Steps 9-11
- ROBO: 4.102 JLP RELOCATE Step 12
- ROBO: 4.102 JLP RELOCATE Step 13
- ROBO: 4.103 JLP UNGRAPPLE TO JEMRMS VIEWING

Notes

- NO EXERCISE DURING LCS IMAGING
- UPLINK
  β21 Only
  Box 40,41,42,53
- NO EXERCISE FROM 3RD BOLTS UNTIL CAPTURE LATCHES DEPLOYED
- NO EXERCISE FROM MNVR TO INSTALL UNTIL A-BOLTS COMPLETE

B (ORB OPS, ECLS) Steps 7-12
MCC will TMBU SM limits

BIAS-XLV-ZVV

20:00 21:00 22:00 23:00 00:00 18:00 19:00 20:00 21:00

93 94 95

STS-124 FD07

GMT Date 06/06 (158) | W | TDRSE | Z | D/N | ORB | MET Day 005 | STS ATI

MS2 GARAN | MS3 FOSSUM | MS4 HOSHIDE | Notes

20:00 | 21:00 | 22:00 | 23:00 | 00:00

18:00 | 19:00 | 20:00 | 21:00

93 | 94 | 95

BIAS - XLV - ZVV

MS2 GARAN

FOCUSED INSPECTION
Ref. MSG XXX

MEAL

MIDDECK TRANSFER
Ref. Transfer List

MS3 FOSSUM

FOCUSED INSPECTION
Ref. MSG XXX

P/TV05 ISS INTERNAL OPS(P/TV,SCENES)PAO EVENT

MEAL

EVA SYS: 1.605 BSA BATT RECHRG - TERM
Ref:STS-124/1J EMU CONSUMABLES TRK CC

EVA SYS: 1.605 BSA BATT RECHRG - INIT
Ref:STS-124/1J EMU CONSUMABLES TRACKING CC

EVA SYS: 1.510 METOX REGENERATION - TERM

MIDDECK TRANSFER
Ref. Transfer List

MS4 HOSHIDE

ASSY OPS: 7.006 NODE2/JLP VEST DEPRESS

ASSY OPS: 1.005 CBM JLP RELOC: NODE2 ZEN TO JEM ZEN Step 1

ASSY OPS: 1.005 CBM JLP RELOC: NODE2 ZEN TO JEM ZEN Step 2

MEAL

ASSY OPS: 1.005 CBM JLP RELOC: NODE2 ZEN TO JEM ZEN Steps 3.1-3.3

ASSY OPS: 1.005 CBM JLP RELOC: NODE2 ZEN TO JEM ZEN Steps 3.4-3.7

ASSY OPS: 7.008 JPM/JLP VEST PRESS & LK CK Steps 1-4

Notes

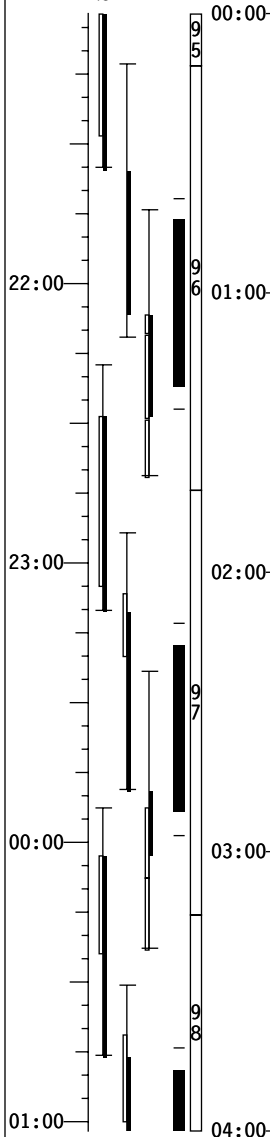
NO EXERCISE DURING LCS IMAGING

NO EXERCISE FROM 3RD BOLTS UNTIL CAPTURE LATCHES DEPLOYED

NO EXERCISE FROM MNVR TO INSTALL UNTIL A-BOLTS COMPLETE

STS-124 FD07

GMT Date 06/06 (158) | W | TDRSE | Z | D/N | ORB | MET Day 006 | STS ATI | CDR KELLY | PLT HAM | MS1 NYBERG | Notes



00:00 – 04:00

BIAS-XLV-ZVV

CDR KELLY

EXERCISE

MIDDECK TRANSFER
Ref. Transfer List

DAILY STS/ISS CREW TRANSFER TAGUP

TRANSFER BRIEF
Call down status to MCC

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

PRIVATE MEDICAL CONFERENCE

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

PLT HAM

MIDDECK TRANSFER
Ref. Transfer List

EXERCISE

MNVR (TRK) UPDATE (Post JLP Relocate)
TG=2 BV=5 P=166 Y=353 OM=185
A12/FREE/VERN Init TRK

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

MS1 NYBERG

ROBO: 4.103 JLP UNGRAPPLE TO JEMRMS VIEWING

C
1. Verify Ratchet in LATCH position.
2. Engage Crank Handle.
3. Turn Crank Handle in LATCH direction until fully latched.
4. Stow Crank Handle.

JPM OVERHEAD HATCH LATCH C

ASSY OPS: 7.008 JPM/JLP VEST PRESS & LK CK Steps 5-8

ASSY OPS: 7.008 JPM/JLP VEST PRESS & LK CK Step 9

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

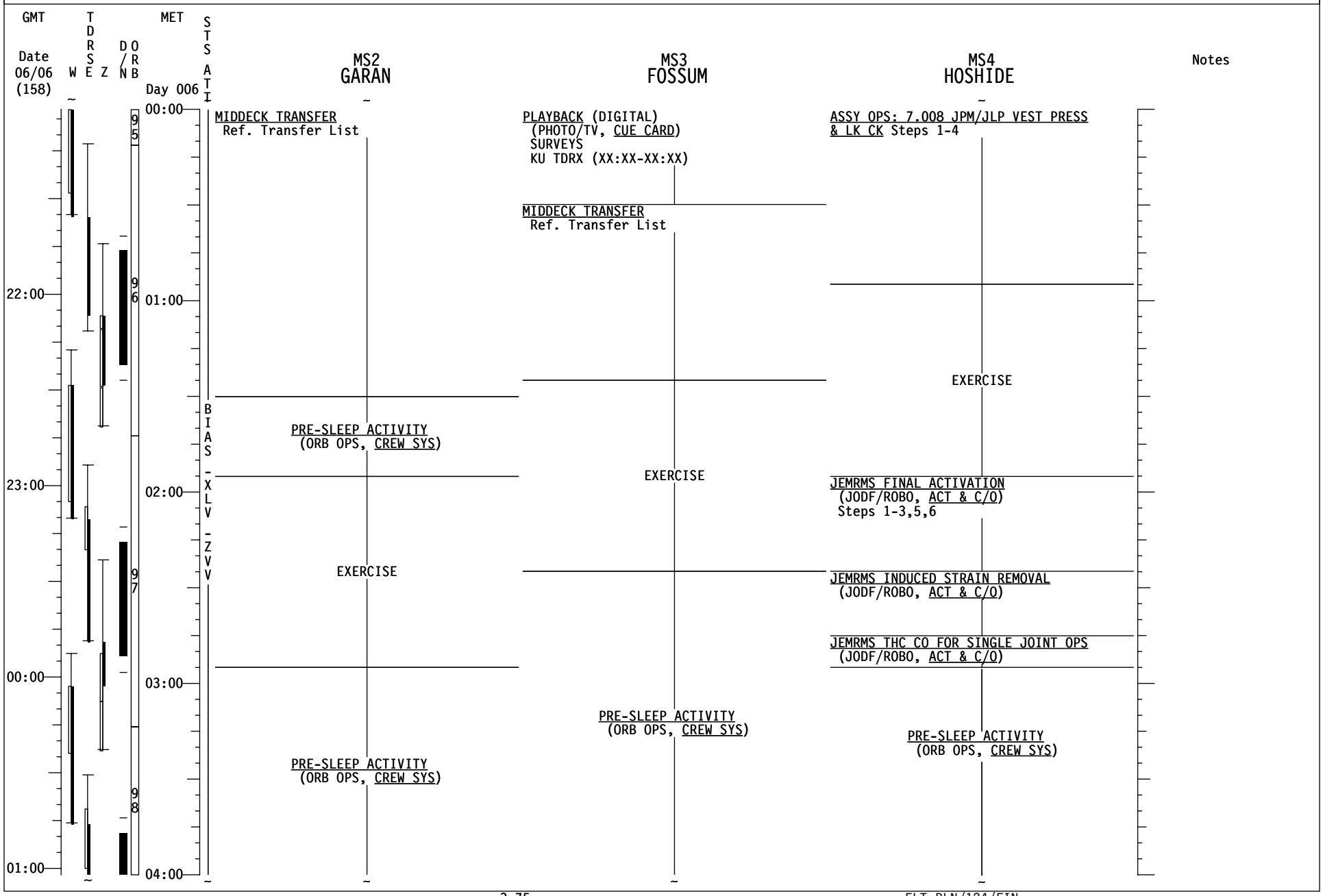
JEMRMS DEACT PREP (JODF/ROBO, ACT & C/O)
Steps 3-4

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

Notes

UPLINK
β21 Only
Box 40,42

STS-124 FD07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MS3 FOSSUM
MS4 HOSHIDE
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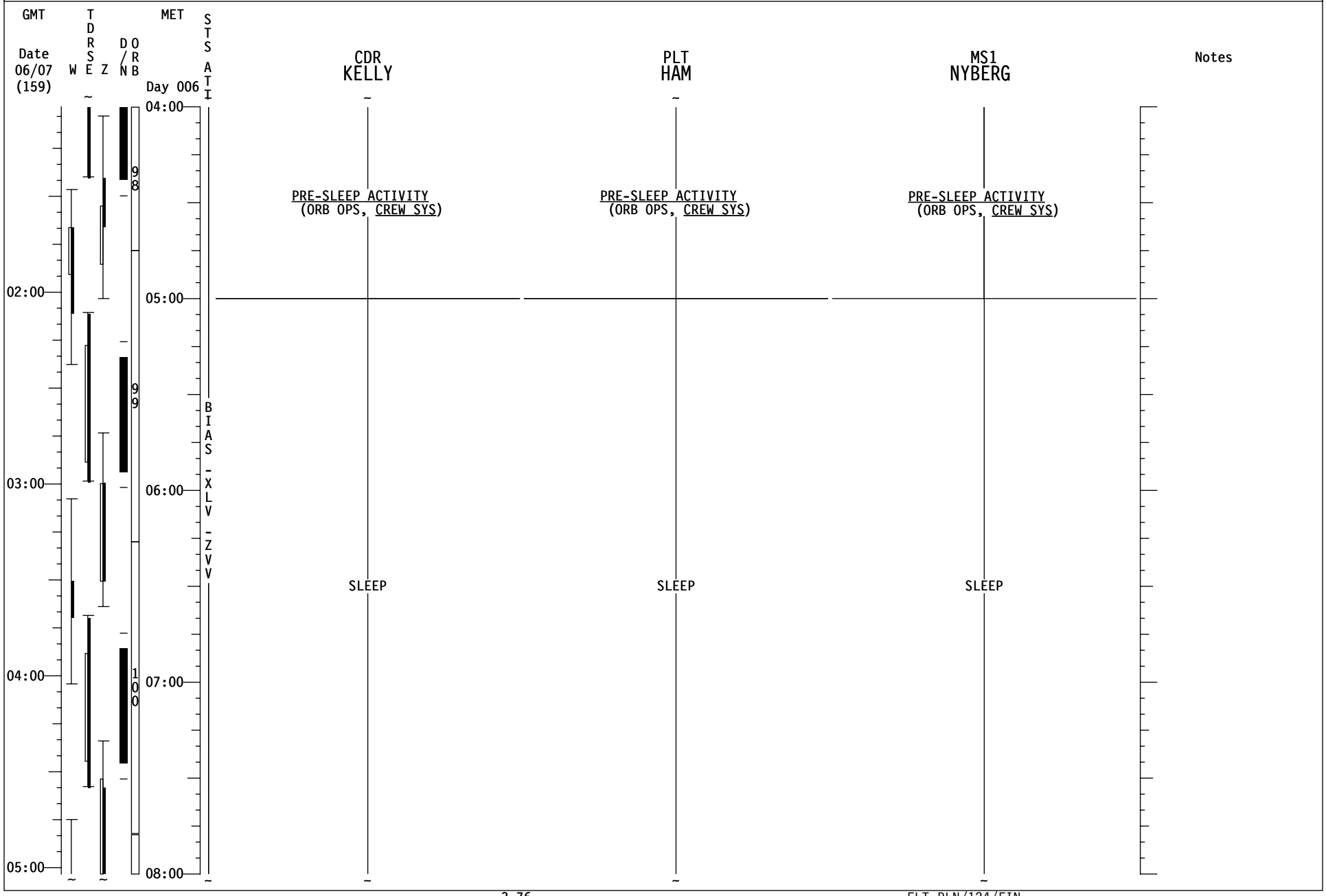
BIAS - XLV - ZVV
MIDDECK TRANSFER
Ref. Transfer List
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
EXERCISE
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
PLAYBACK (DIGITAL)
(PHOTO/TV, CUE CARD)
SURVEYS
KU TDRX (XX:XX-XX:XX)
MIDDECK TRANSFER
Ref. Transfer List
EXERCISE
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
ASSY OPS: 7.008 JPM/JLP VEST PRESS
& LK CK Steps 1-4
EXERCISE
JEMRMS FINAL ACTIVATION
(JODF/ROBO, ACT & C/O)
Steps 1-3,5,6
JEMRMS INDUCED STRAIN REMOVAL
(JODF/ROBO, ACT & C/O)
JEMRMS THC CO FOR SINGLE JOINT OPS
(JODF/ROBO, ACT & C/O)
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

STS-124 FD07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PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
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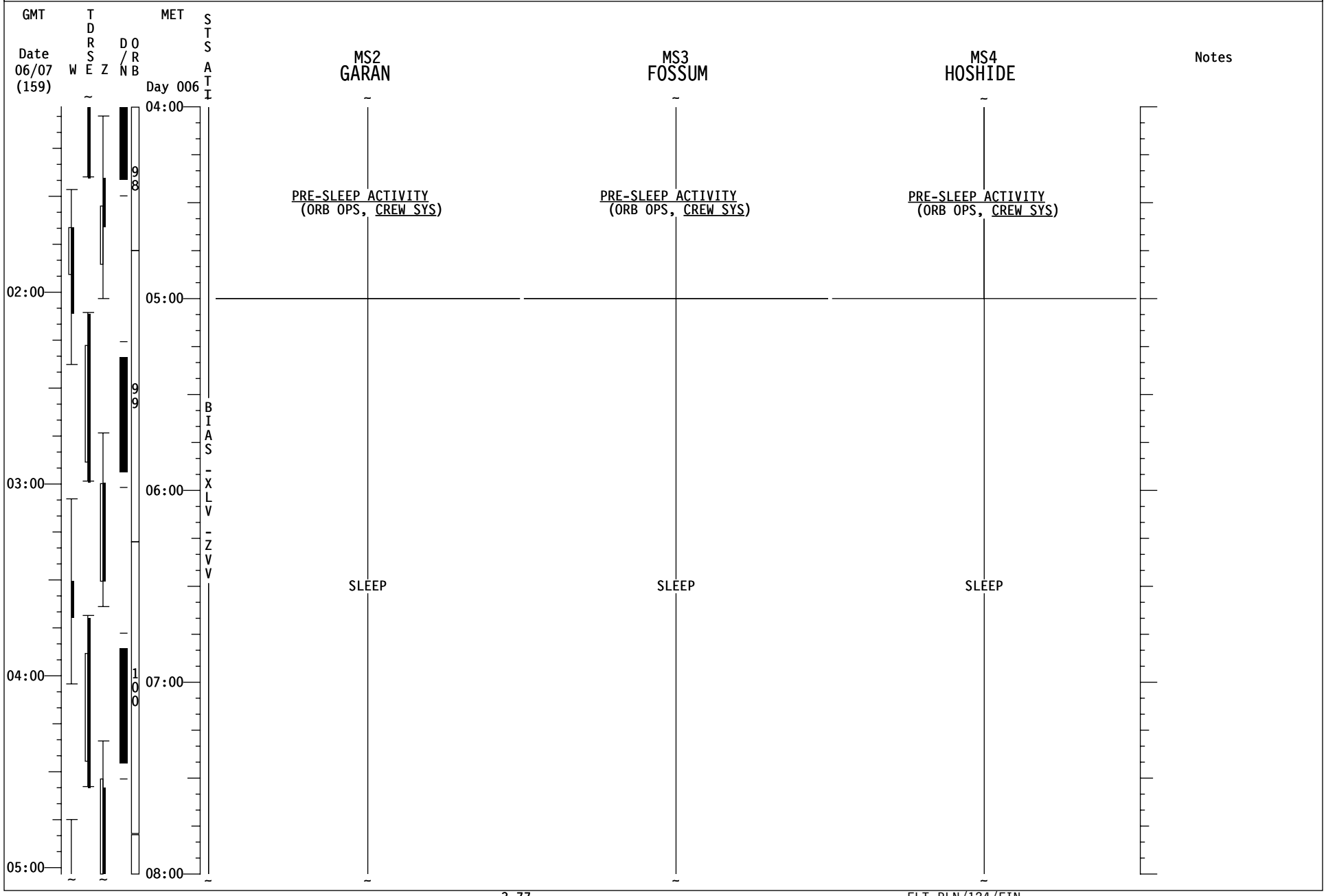
Notes

STS-124 FD07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Notes
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
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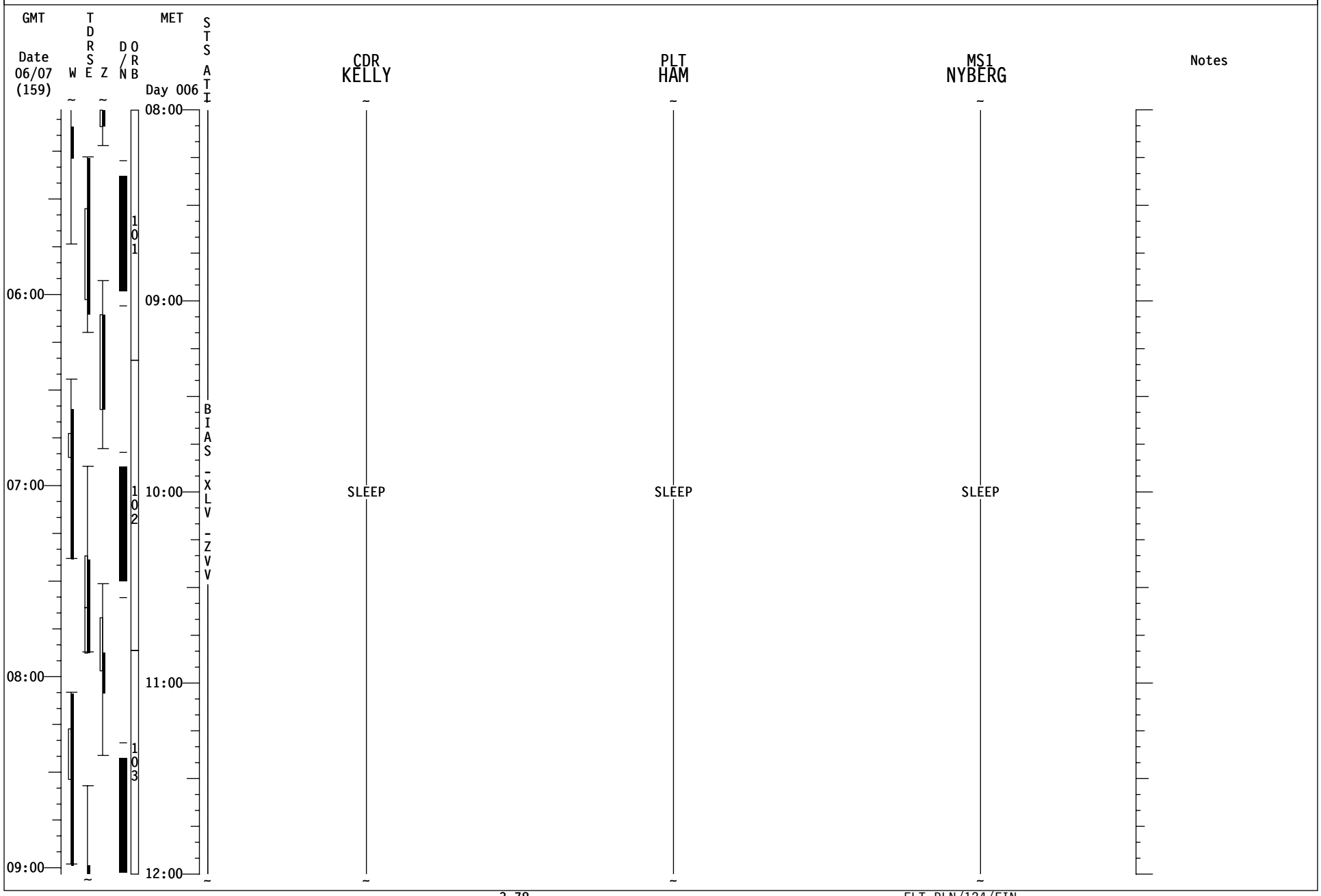
STS-124 FD07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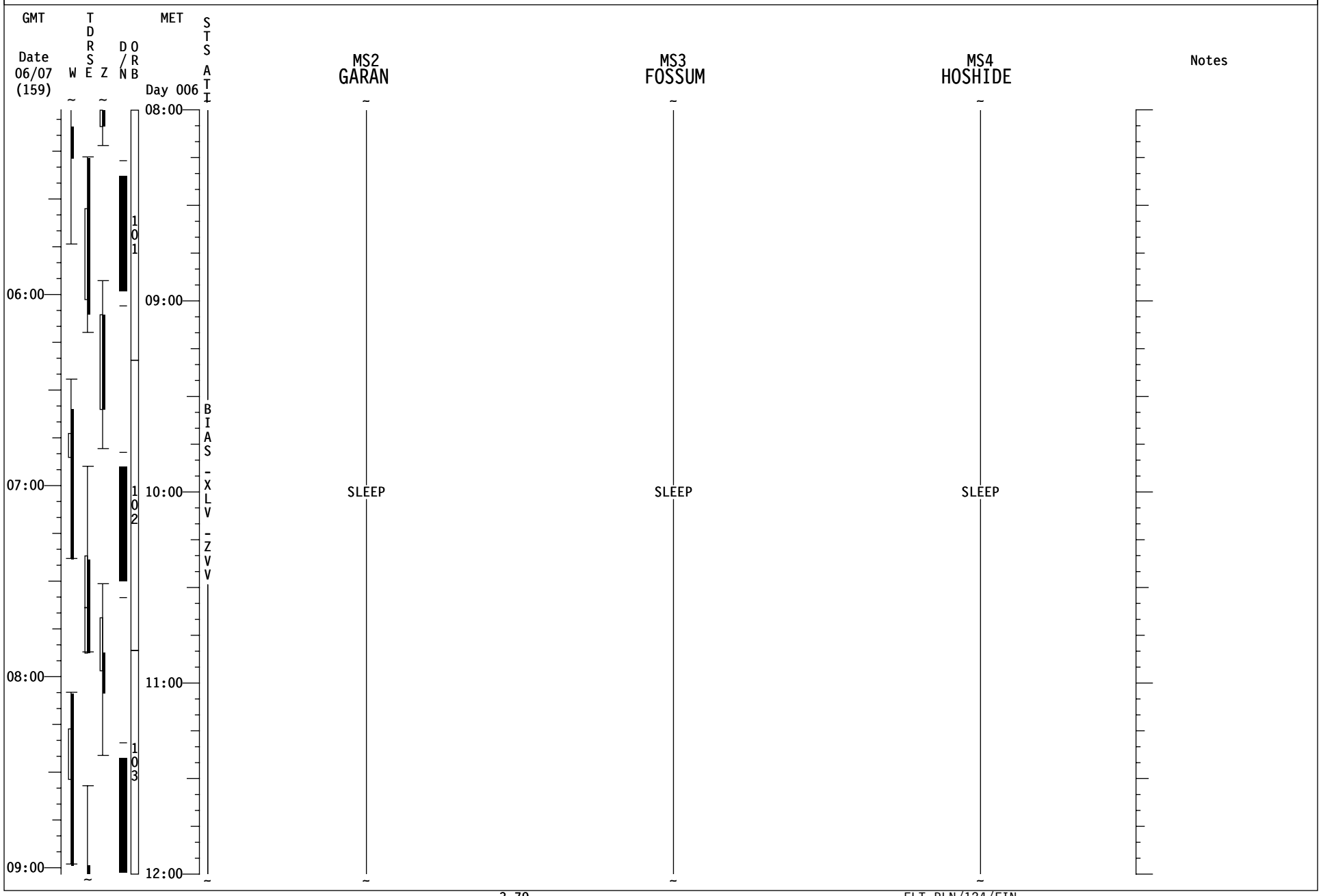
Notes

STS-124 FD07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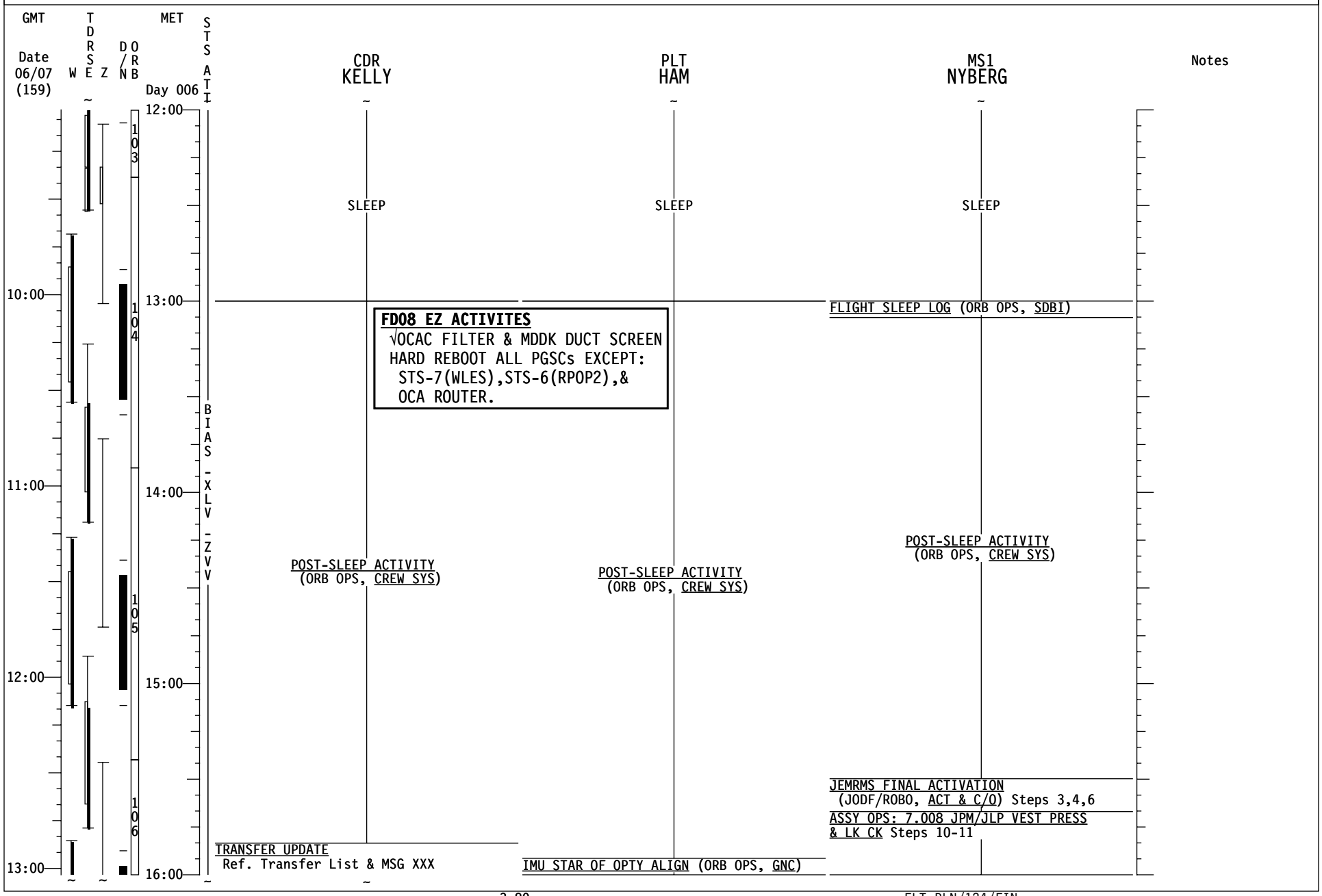
Notes

STS-124 FD08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SLEEP
SLEEP
FLIGHT SLEEP LOG (ORB OPS, SDBI)
FD08 EZ ACTIVITES
√OCAC FILTER & MDDK DUCT SCREEN
HARD REBOOT ALL PGSCs EXCEPT:
STS-7(WLES),STS-6(RPOP2),&
OCA ROUTER.
BIAS -XLV -ZVV
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
JEMRMS FINAL ACTIVATION
(JODF/ROBO, ACT & C/O) Steps 3,4,6
ASSY OPS: 7.008 JPM/JLP VEST PRESS
& LK CK Steps 10-11
TRANSFER UPDATE
Ref. Transfer List & MSG XXX
IMU STAR OF OPTY ALIGN (ORB OPS, GNC)

STS-124 FD08

GMT Date 06/07 (159) | W | TDRSE | Z | D/N | ORB | MET Day 006 | STS ATI

MS2 GARAN | MS3 FOSSUM | MS4 HOSHIDE | Notes

10:00 | 11:00 | 12:00 | 13:00

103 | 104 | 105 | 106

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

BIAS-XLV-ZVV

MS2 GARAN: SLEEP

MS3 FOSSUM: SLEEP

MS4 HOSHIDE: SLEEP

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)

P/TV05 ISS INTERNAL OPS (HC) (PHOTO/TV, SCENES) JEM DRAG-THRU CONNECT

EXERCISE

STS-124 FD08

GMT — Date 06/07 (159) — W E Z — D/N — ORB — MET — Day 006 — STS ATT

CDR KELLY	PLT HAM	MS1 NYBERG	Notes
TRANSFER UPDATE Ref. XFER List & MSG XXX			
√MCC for proper DAP config for ATT H/O When ISS is Free Drift,DAP:LVLH, when rates < 0.1,DAP:AUTO	EVA 3 VIEWING SUPPORT (PDRS, VIEWING SUPPORT)	EVA 3 VIEWING SUPPORT (PDRS, VIEWING SUPPORT)	
MNVR (TRK) BIAS -XLV +YVV (SIMO DUMP) TG=2 BV=5 P=166 Y=353 OM=195 A12/AUTO/VERN		S&M: 1.800 AMIA INSTALLATION & REMOVAL Steps 4-6	
SUPPLY/WASTE WATER DUMP (ORB OPS, ECLS) Initiate Waste Dump	PWR DUMP - SUPPLY LINE (ORB OPS, ECLS) Dump PWR XXX		UPDATE H2O WASTE DUMP QTY
MIDDECK TRANSFER Ref. Transfer List		EXERCISE	
SUPPLY/WASTE WATER DUMP (ORB OPS, ECLS) Terminate Waste Dump	SUPPLY/WASTE WATER DUMP (ORB OPS, ECLS) Initiate Supply Dump		UPDATE H2O SPLY DUMP QTY TK A & B
CWC OVERBOARD DUMP (ORB OPS, ECLS) Initiate Condensate Dump Ref. MSG XXX	MIDDECK TRANSFER Ref. Transfer List		
MIDDECK TRANSFER Ref. Transfer List		MIDDECK TRANSFER Ref. Transfer List	
CWC OVERBOARD DUMP (ORB OPS, ECLS) Terminate Condensate Dump	SUPPLY/WASTE WATER DUMP (ORB OPS, ECLS) Terminate Supply Dump	JEMRMS PARTIAL DEPLOY TO EVA 3 START (JODF/ROBO, ACT & C/O)	
MNVR BIAS -XLV -ZVV TG=2 BV=5 P=166 Y=353 OM=185 A12/AUTO/VERN Init TRK			
When ISS is GO for attitude control,DAP:FREE	PWR FILL (ORB OPS, ECLS) INIT		
	MIDDECK TRANSFER Ref. Transfer List		
EXERCISE			
	PWR FILL (ORB OPS, ECLS) TERM		
	PWR FILL (ORB OPS, ECLS) INIT		
	MIDDECK TRANSFER Ref. Transfer List		
MIDDECK TRANSFER Ref. Transfer List		JEMRMS BUS MONITOR OPS (JODF/ROBO,ACT & C/O) Steps 3 & 5	

STS-124 FD08

GMT Date 06/07 (159) | W | T D R S E | Z | D/N | O R B | MET Day 006 | STS ATI

MS2 GARAN | MS3 FOSSUM | MS4 HOSHIDE | Notes

16:00 — 17:00 — 18:00 — 19:00 — 20:00

14:00 — 15:00 — 16:00 — 17:00

106 — 107 — 108

BIAS-XLV+YVV

BIAS-XLV-ZVV

MS2 GARAN

EXERCISE

MIDDECK TRANSFER
Ref. Transfer List

EVA SYS: 1.305 EQUIP LOCK PREP
Ref: STS-124/1J EMU CONSUMABLES TRACKING CC

EVA SYS: 1.605 BSA BATT RECHRG - TERM
Ref:STS-124/1J EMU CONSUMABLES TRACK CC

MIDDECK TRANSFER
Ref. Transfer List

MS3 FOSSUM

P/TV08 EXTERNAL SURVEY
(PHOTO/TV, SCENES)
Perform SETUP

P/TV08 EXTERNAL SURVEY
(PHOTO/TV, SCENES)
Perform OPS, Item 2

P/TV09 STRUCTURAL DYNAMICS
(PHOTO/TV, SCENES)

EXERCISE

EVA SYS: 1.305 EQUIP LOCK PREP
Ref: STS-124/1J EMU CONSUMABLES TRACKING CC

EVA SYS:1.515 EMU MTX/LIOH/BATT RPLC A

MS4 HOSHIDE

EXERCISE

HRM RELEASE (JODF/ROBO, ACT & C/O)
Steps 1.1-1.3

JEMRMS BUS MON S/U
RLT SETUP FOR JEMRMS ARM
BUS MONITOR

HRM RELEASE(JODF/ROBO,ACT & C/O)Step 1.4

HRM RELEASE (JODF/ROBO, ACT & C/O)
Step 2

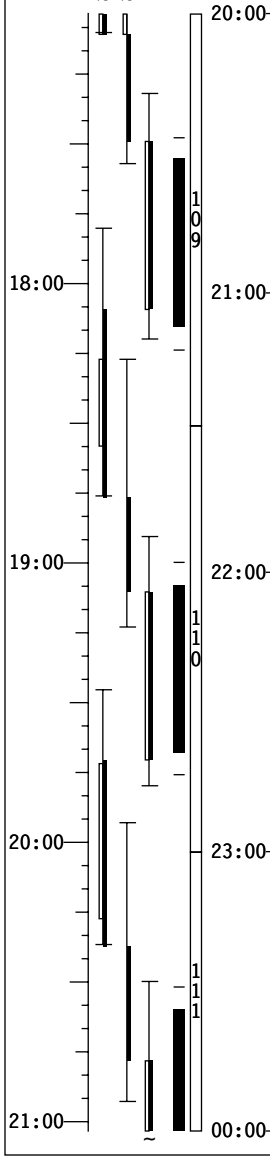
JEMRMS BUS MONITOR OPS
(JODF/ROBO, ACT & C/O)Steps 1 & 2

JEMRMS PARTIAL DEPLOY TO EVA 3 START
(JODF/ROBO, ACT & C/O)

P/TV05 ISS INTRNL OPS(HC)(P/TV,SCENES)
JEM DRAG THRU DISCONNECTION

STS-124 FD08

GMT Date 06/07 (159) | W | TDRSE | Z | D/N | ORB | MET Day 006 | STS ATI

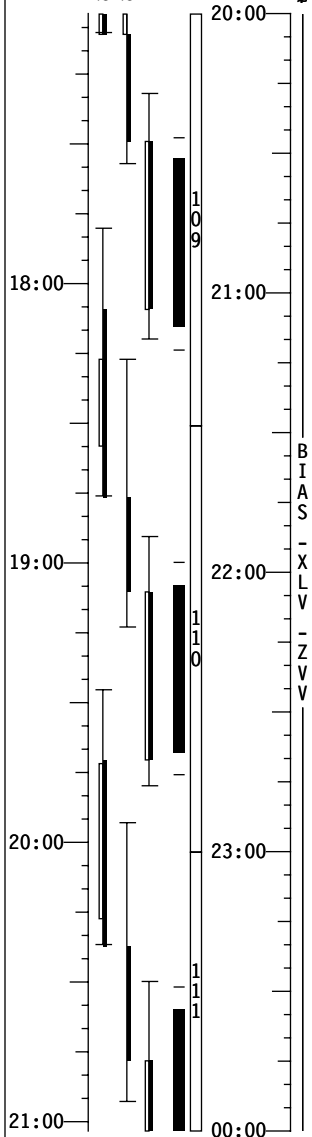


MET	CDR KELLY	PLT HAM	MS1 NYBERG	Notes
20:00	MIDDECK TRANSFER Ref. Transfer List	MIDDECK TRANSFER Ref. Transfer List PWR FILL (ORB OPS, ECLS) TERM PWR TRANSFER Tansfer 2 PWRs to ISS	JEMRMS BUS MONITOR OPS (JODF/ROBO,ACT & C/O)Steps 3 & 5	
	PUBLIC AFFAIRS EVENT KU TDRX: XX:XX-XX:XX	PUBLIC AFFAIRS EVENT KU TDRX: XX:XX-XX:XX	PUBLIC AFFAIRS EVENT KU TDRX: XX:XX-XX:XX	
21:00	MEAL	MEAL	MEAL	
22:00	MIDDECK TRANSFER Ref. Transfer List	MIDDECK TRANSFER Ref. Transfer List	ASSY OPS: 7.009 VEST OUTFIT JPM TO JLP PART 1	
23:00	DAILY STS/ISS CREW TRANSFER TAGUP	EXERCISE		
00:00	TRANSFER BRIEF Call down status to MCC		ROBO: 5.101 JEMRMS DEPLOY VIEWING TO EVA3 START	

BIAS_XLV_ZVV

STS-124 FD08

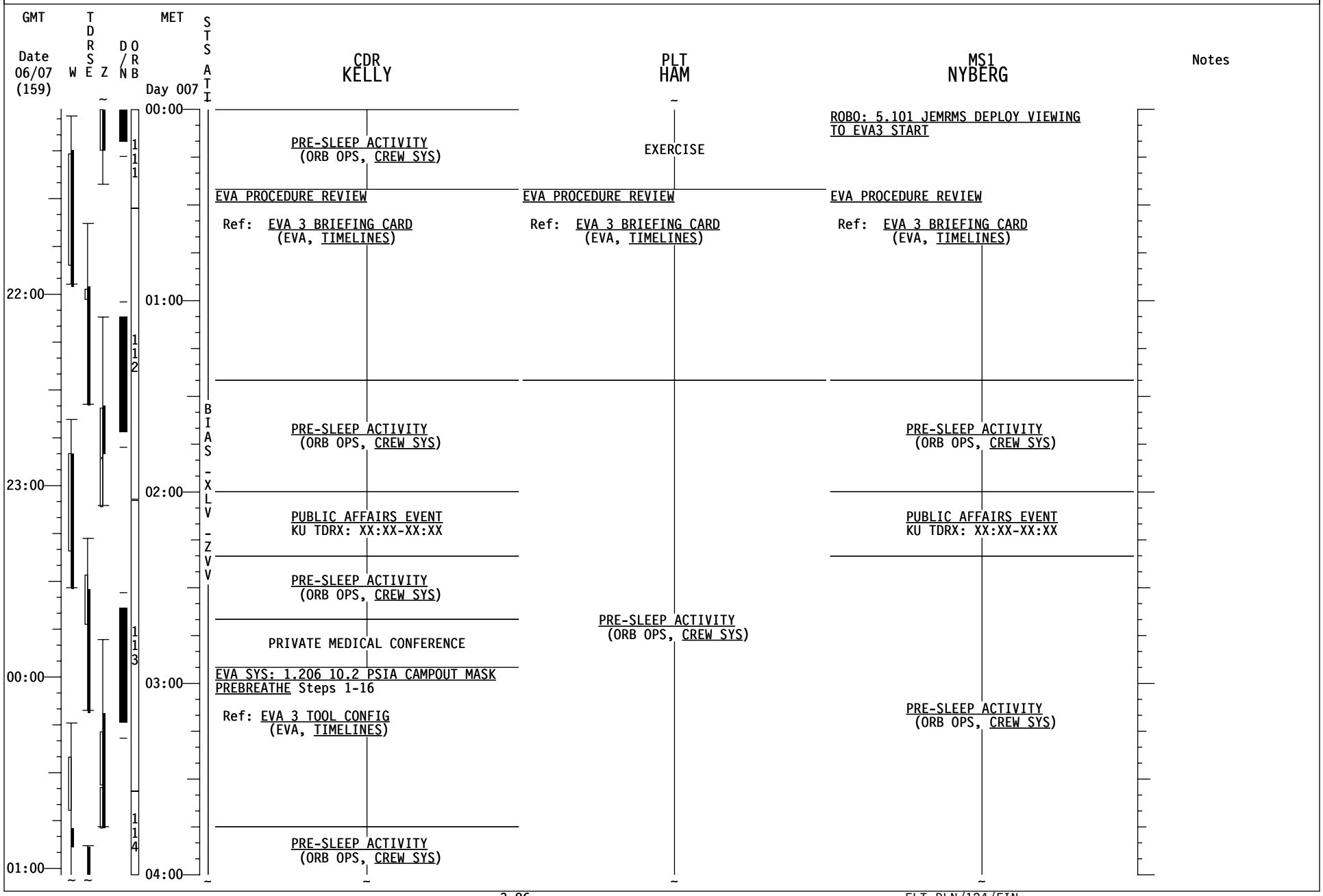
GMT Date 06/07 (159) | W | TDRSE | Z | D/N | ORB | MET Day 006 | STS ATI



BIAS_XLV_ZVV

MS2 GARAN	MS3 FOSSUM	MS4 HOSHIDE	Notes
MIDDECK TRANSFER Ref. Transfer List	EVA SYS:1.515 EMU MTX/LIOH/BATT RPLC A EVA SYS: 1.307 REBA INSTL/RMVL -INSTL A P/TV05 ISS INTERNAL OPS (PHOTO/TV, SCENES) PAO EVENT Ref. Transfer List: Item XXX	JEMRMS DEACT PREP (JODF/ROBO, ACT & C/O) Steps 3-4 A Ref: STS-124/1J EMU CONSUMABLES TRACKING CC	
PUBLIC AFFAIRS EVENT KU TDRX: XX:XX-XX:XX	PUBLIC AFFAIRS EVENT KU TDRX: XX:XX-XX:XX	PUBLIC AFFAIRS EVENT KU TDRX: XX:XX-XX:XX	
MEAL	MEAL	MEAL	
PRE EVA 3 TOOL CONFIG (EVA, TIMELINES)	PRE EVA 3 TOOL CONFIG (EVA, TIMELINES)	ASSY OPS: 7.009 VEST OUTFIT JPM TO JLP PART 1	
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	ROBO: 5.101 JEMRMS DEPLOY VIEWING TO EVA3 START	

STS-124 FD08


GMT
Date 06/07 (159)
W
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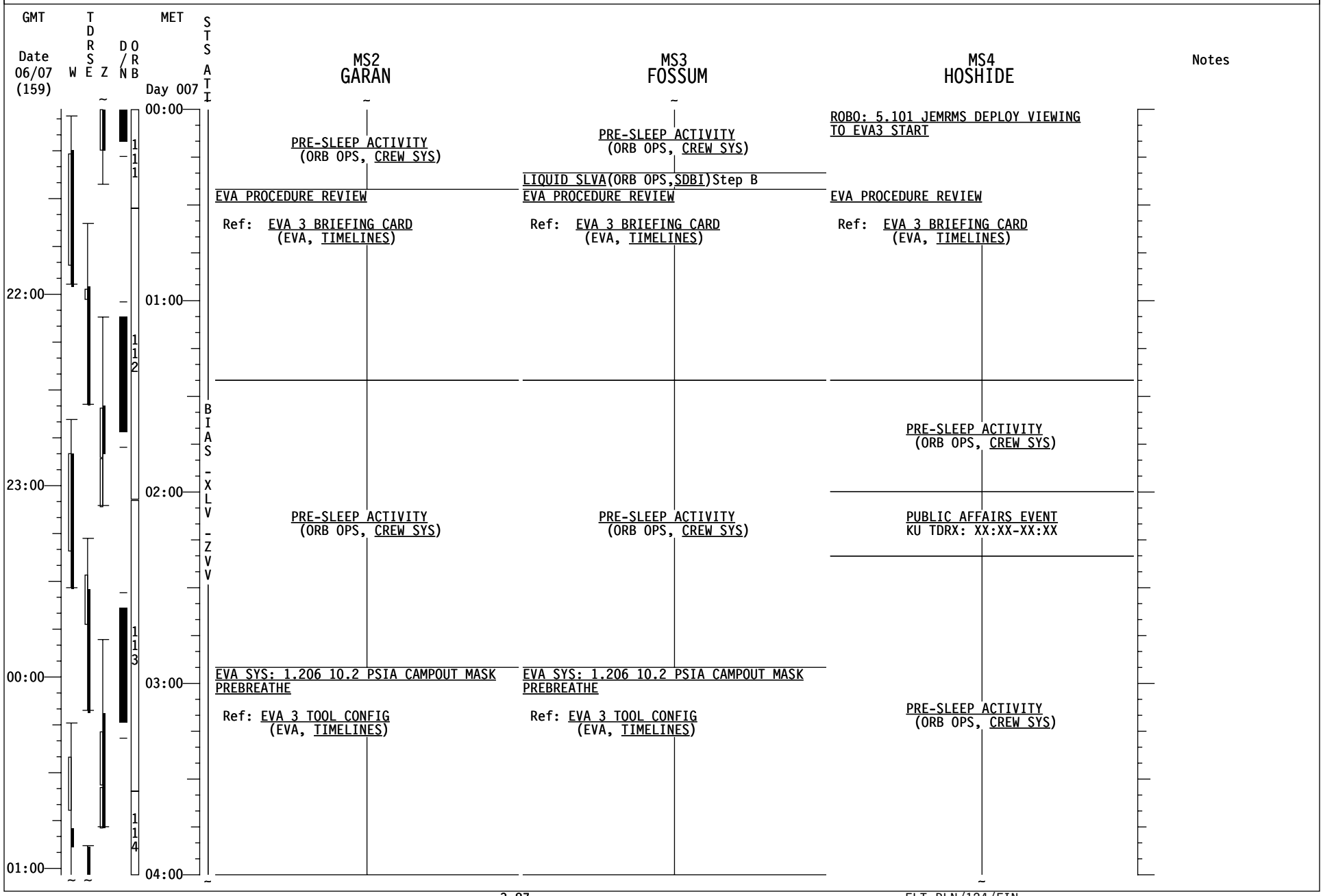
Day 007
STS ATI
CDR KELLY
PLT HAM
MS1 NYBERG
Notes
00:00
01:00
02:00
03:00
04:00
22:00
23:00
00:00
01:00
111
112
113
114
BIAS - XLV - ZVV
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
EXERCISE
ROBO: 5.101 JEMRMS DEPLOY VIEWING TO EVA3 START
EVA PROCEDURE REVIEW
Ref: EVA 3 BRIEFING CARD (EVA, TIMELINES)
PUBLIC AFFAIRS EVENT KU TDRX: XX:XX-XX:XX
PRIVATE MEDICAL CONFERENCE
EVA SYS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE Steps 1-16
Ref: EVA 3 TOOL CONFIG (EVA, TIMELINES)

STS-124 FD08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MS2 GARAN
MS3 FOSSUM
MS4 HOSHIDE
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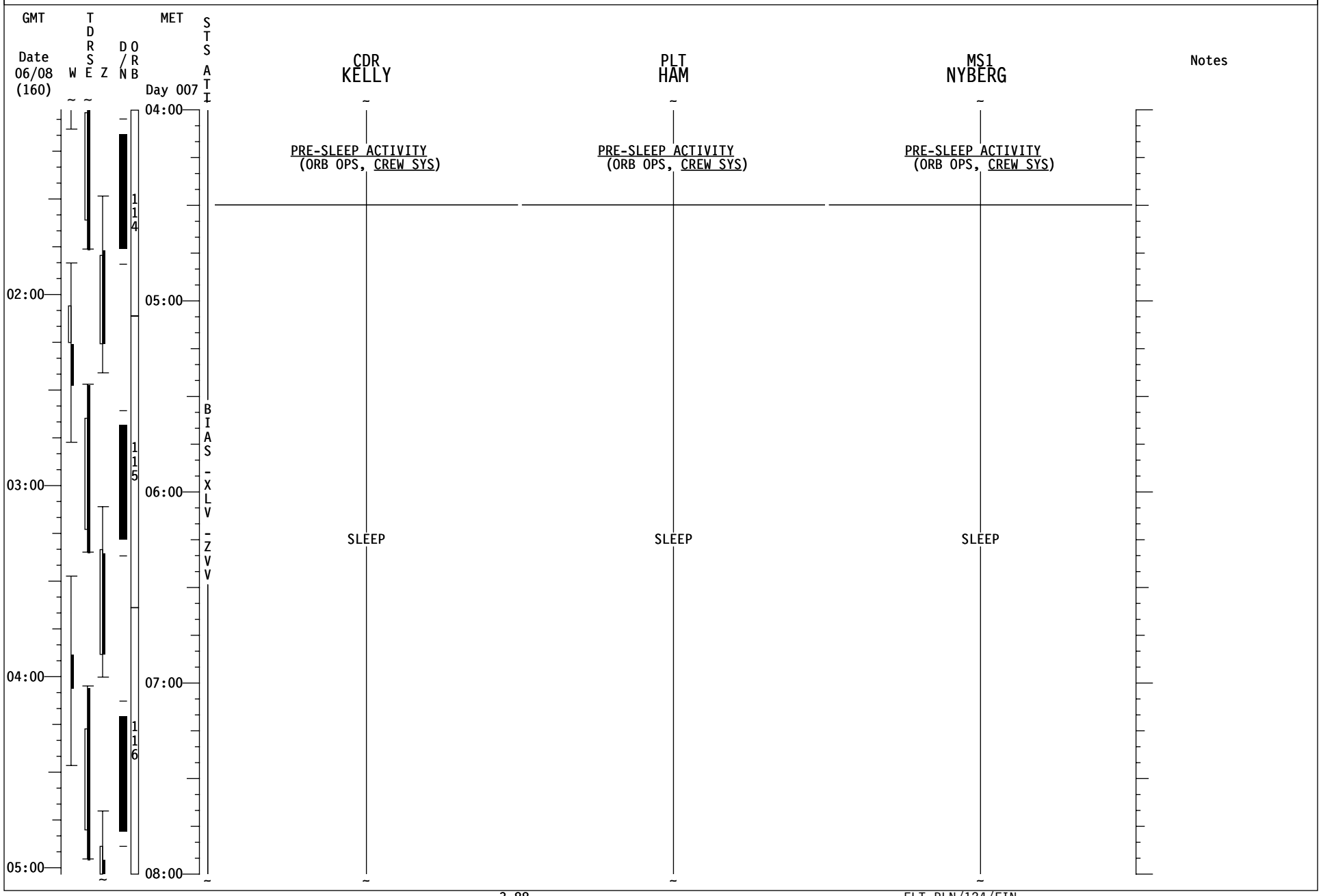
114
BIAS - XLV - ZVV
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
EVA PROCEDURE REVIEW
Ref: EVA 3 BRIEFING CARD (EVA, TIMELINES)
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
EVA SYS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE
Ref: EVA 3 TOOL CONFIG (EVA, TIMELINES)
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
LIQUID SLVA(ORB OPS,SDBI)Step B
EVA PROCEDURE REVIEW
Ref: EVA 3 BRIEFING CARD (EVA, TIMELINES)
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
EVA SYS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE
Ref: EVA 3 TOOL CONFIG (EVA, TIMELINES)
ROBO: 5.101 JEMRMS DEPLOY VIEWING TO EVA3 START
EVA PROCEDURE REVIEW
Ref: EVA 3 BRIEFING CARD (EVA, TIMELINES)
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
PUBLIC AFFAIRS EVENT KU TDRX: XX:XX-XX:XX
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

STS-124 FD08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KELLY
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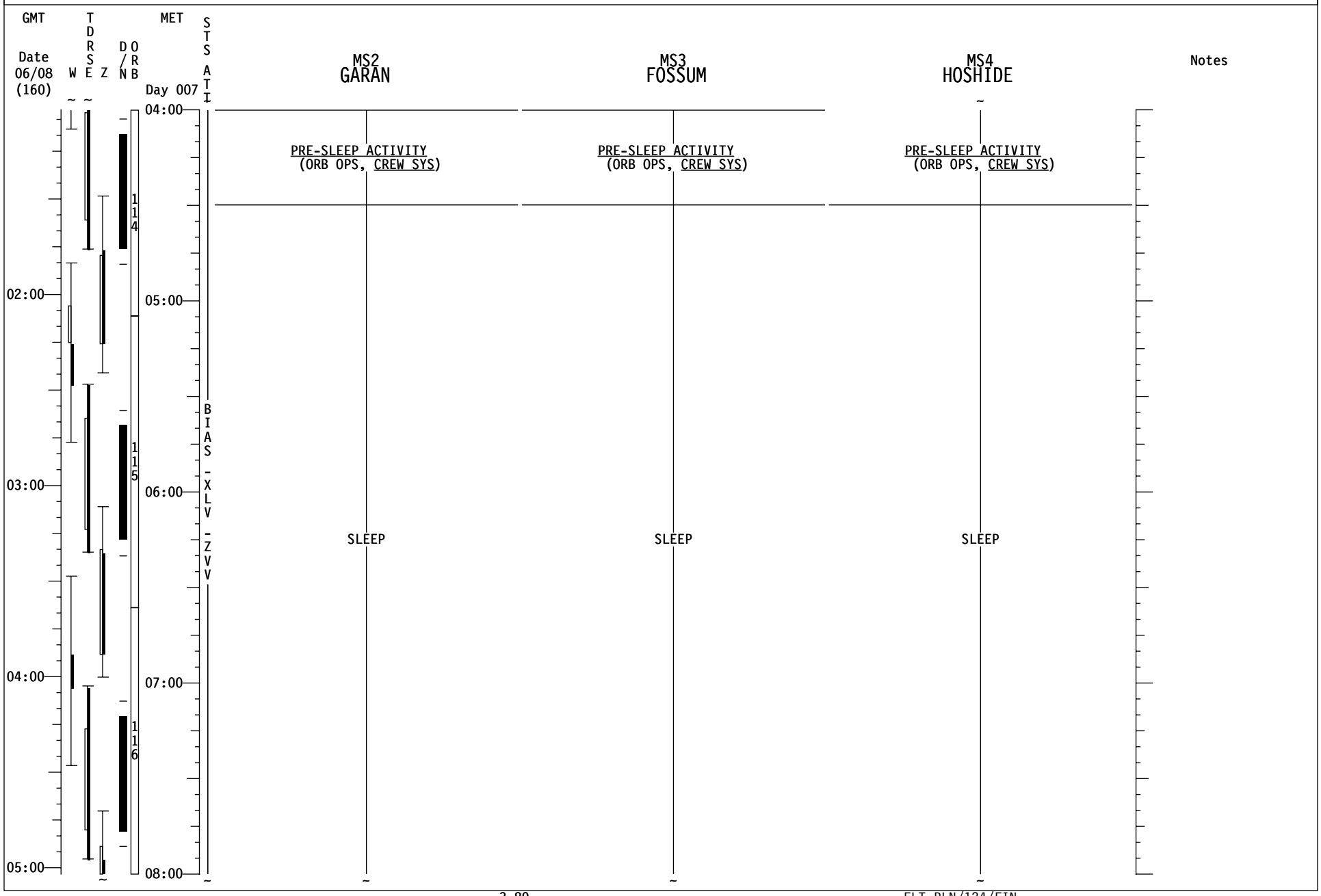
HAM
MS1
NYBERG
Notes
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
SLEEP
SLEEP
SLEEP

STS-124 FD08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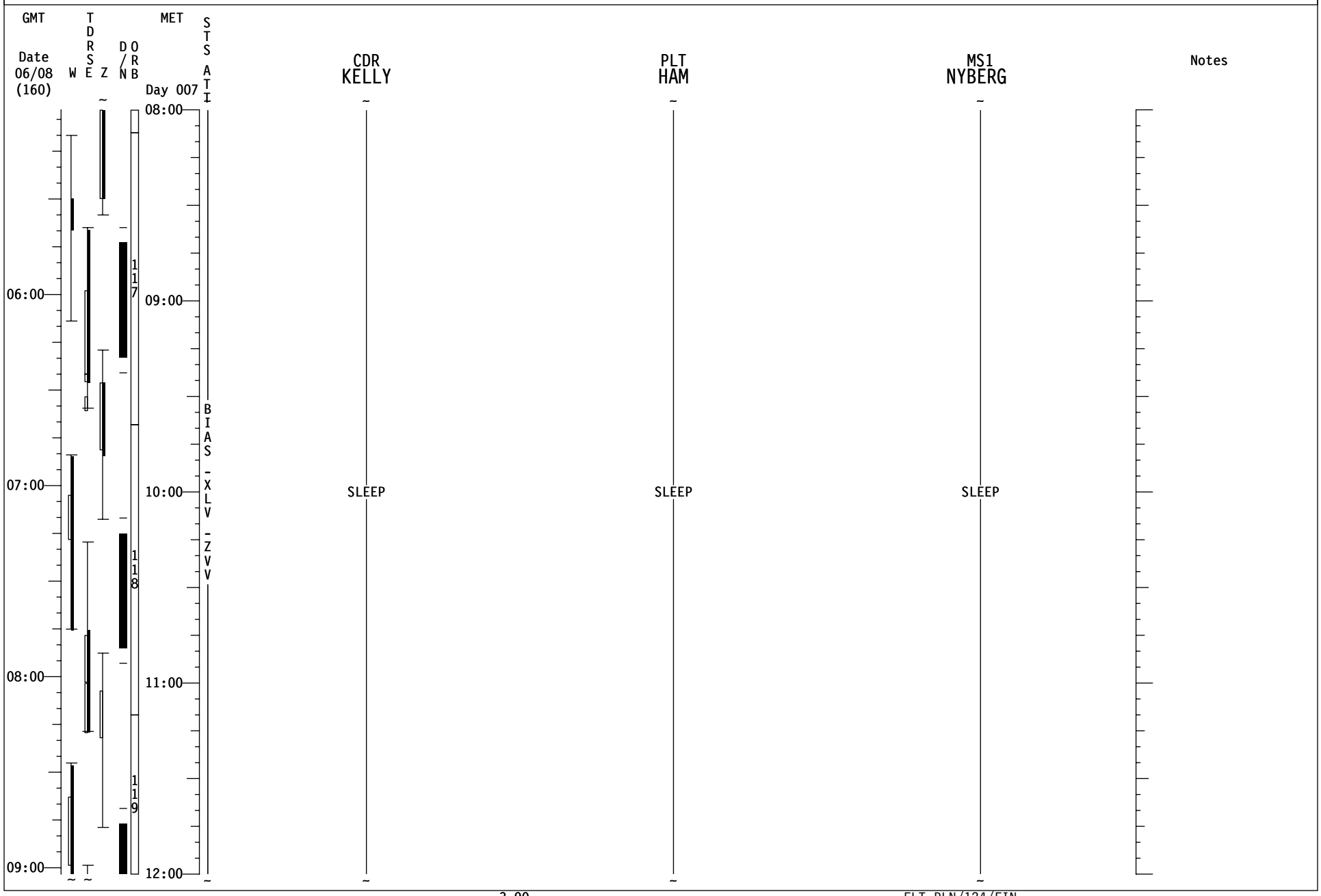
116
BIAS-XLV-ZVV
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
SLEEP
SLEEP
SLEEP

STS-124 FD08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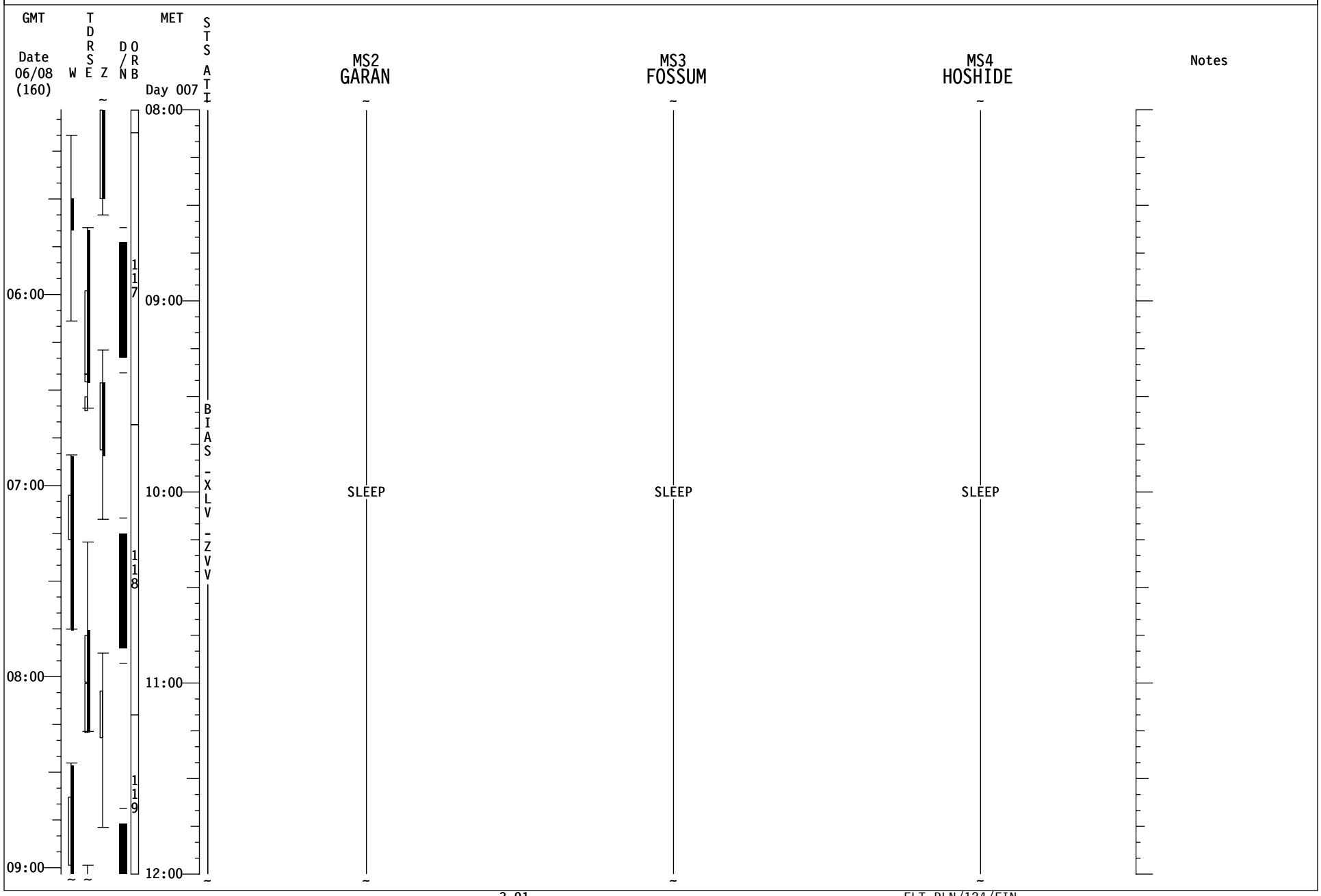
SLEEP

STS-124 FD08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GARAN
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FOSSUM
MS4
HOSHIDE
Notes
06:00
07:00
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09:00
10:00
11:00
12:00
117
118
119
BIAS-XLV-ZVV
SLEEP
SLEEP
SLEEP

STS-124 FD09

GMT Date 06/08 (160) | W | TDRS E | Z | D/N | ORB | MET Day 007 | STS ATI

CDR KELLY | PLT HAM | MS1 NYBERG | Notes

12:00 — 13:00 — 14:00 — 15:00 — 16:00

10:00 — 11:00 — 12:00 — 13:00

119 — 120 — 121 — 122

BIAS-XLV-ZVV

CDR KELLY

SLEEP

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

PRIVATE MEDICAL CONFERENCE

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

EVA SYS: 1.211 HYGIENE BREAK
Steps 21-29
MCC-H will perform Step 23

EVA SYS:1.216 10.2 PSIA CAMPOUT EVA PREP

EVA SYS: 1.220 EMU PURGE

PLT HAM

SLEEP

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

EVA3 INHIBIT PAD (EVA, TIMELINES)

L17 Check MCIU filter screen

IMU STAR OF OPTY ALIGN (ORB OPS, GNC)

MS1 NYBERG

SLEEP

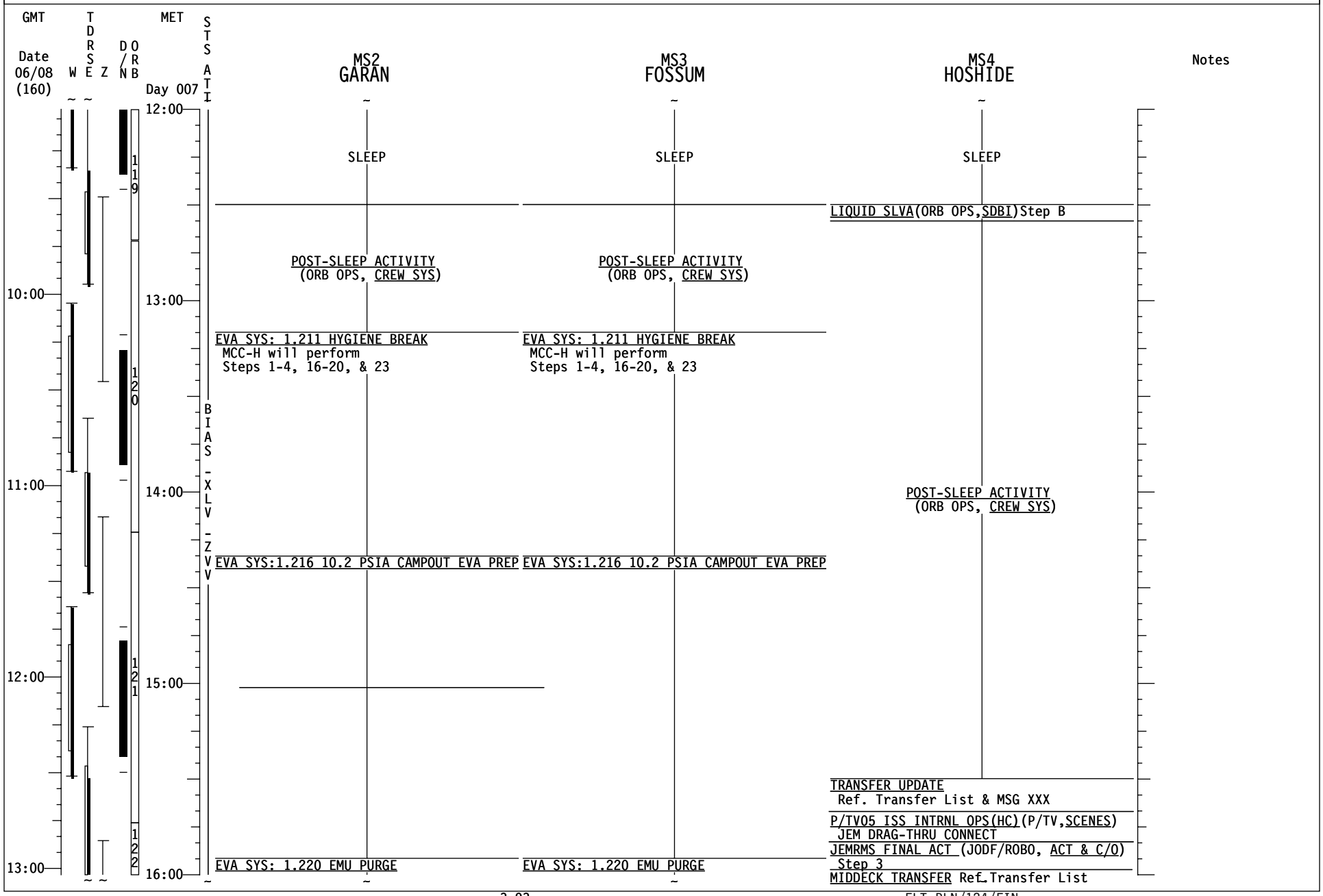
FLIGHT SLEEP LOG (ORB OPS, SDBI)

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

EXERCISE

FD09 EZ ACTIVITES
√OCAC FILTER & MDDK DUCT SCREEN
HARD REBOOT ALL PGSCs EXCEPT:
STS-7(WLES),STS-6(RPOP2),&
OCA ROUTER.

STS-124 FD09


GMT
Date 06/08 (160)
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Day 007
STS ATI
MS2 GARAN
MS3 FOSSUM
MS4 HOSHIDE
Notes
12:00
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11:00
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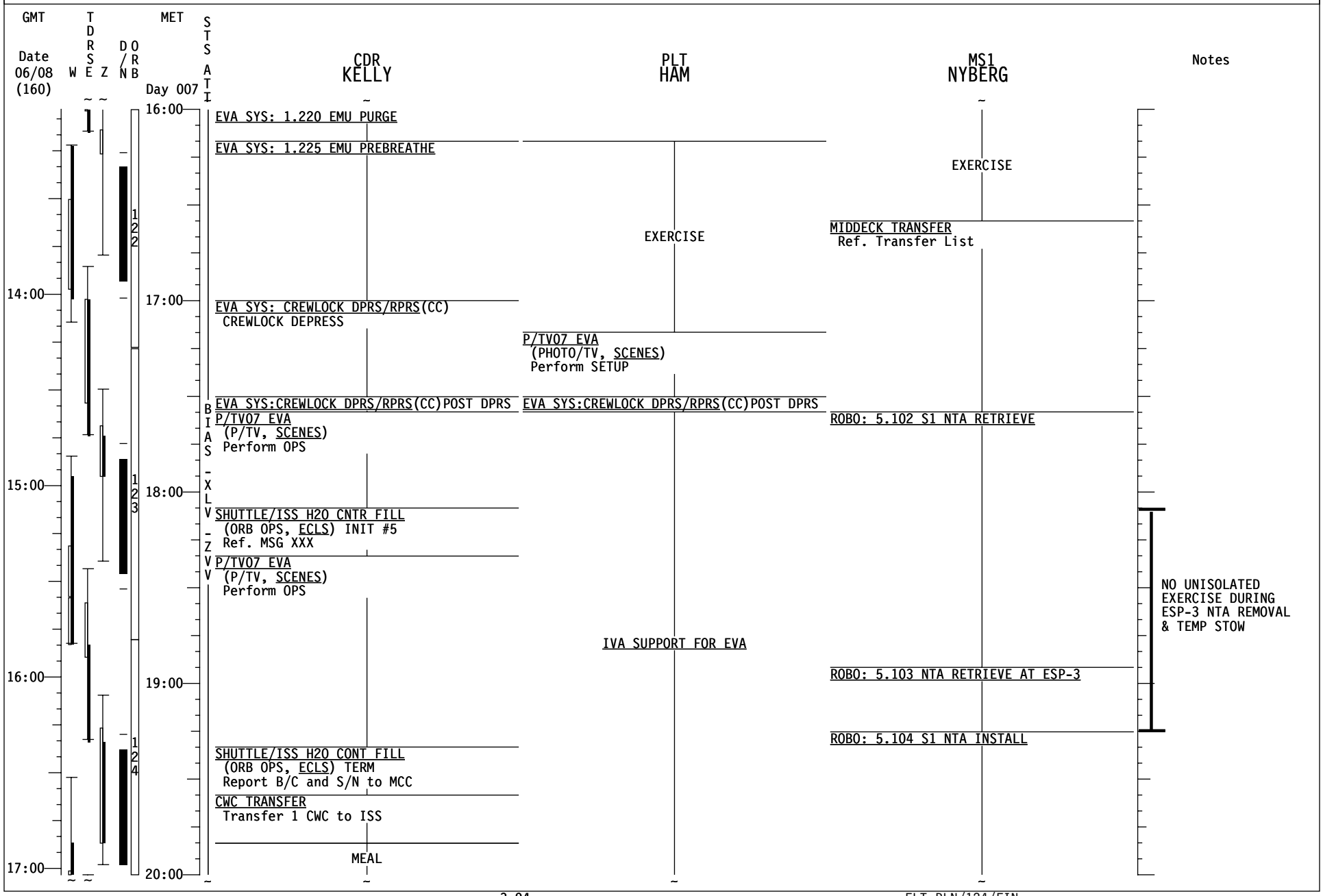
119
120
121
122
SLEEP
SLEEP
SLEEP
LIQUID SLVA(ORB OPS,SDBI)Step B
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
EVA SYS: 1.211 HYGIENE BREAK
MCC-H will perform
Steps 1-4, 16-20, & 23
EVA SYS: 1.211 HYGIENE BREAK
MCC-H will perform
Steps 1-4, 16-20, & 23
BIAS - XLV - ZVV
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
EVA SYS:1.216 10.2 PSIA CAMPOUT EVA PREP
EVA SYS:1.216 10.2 PSIA CAMPOUT EVA PREP
TRANSFER UPDATE
Ref. Transfer List & MSG XXX
P/TV05 ISS INTRNL OPS(HC)(P/TV,SCENES)
JEM DRAG-THRU CONNECT
JEMRMS FINAL ACT (JODF/ROBO, ACT & C/O)
Step 3
MIDDECK TRANSFER Ref. Transfer List
EVA SYS: 1.220 EMU PURGE
EVA SYS: 1.220 EMU PURGE

STS-124 FD09


GMT
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Day 007
STS ATI
CDR KELLY
PLT HAM
MS1 NYBERG
Notes
16:00
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18:00
19:00
20:00
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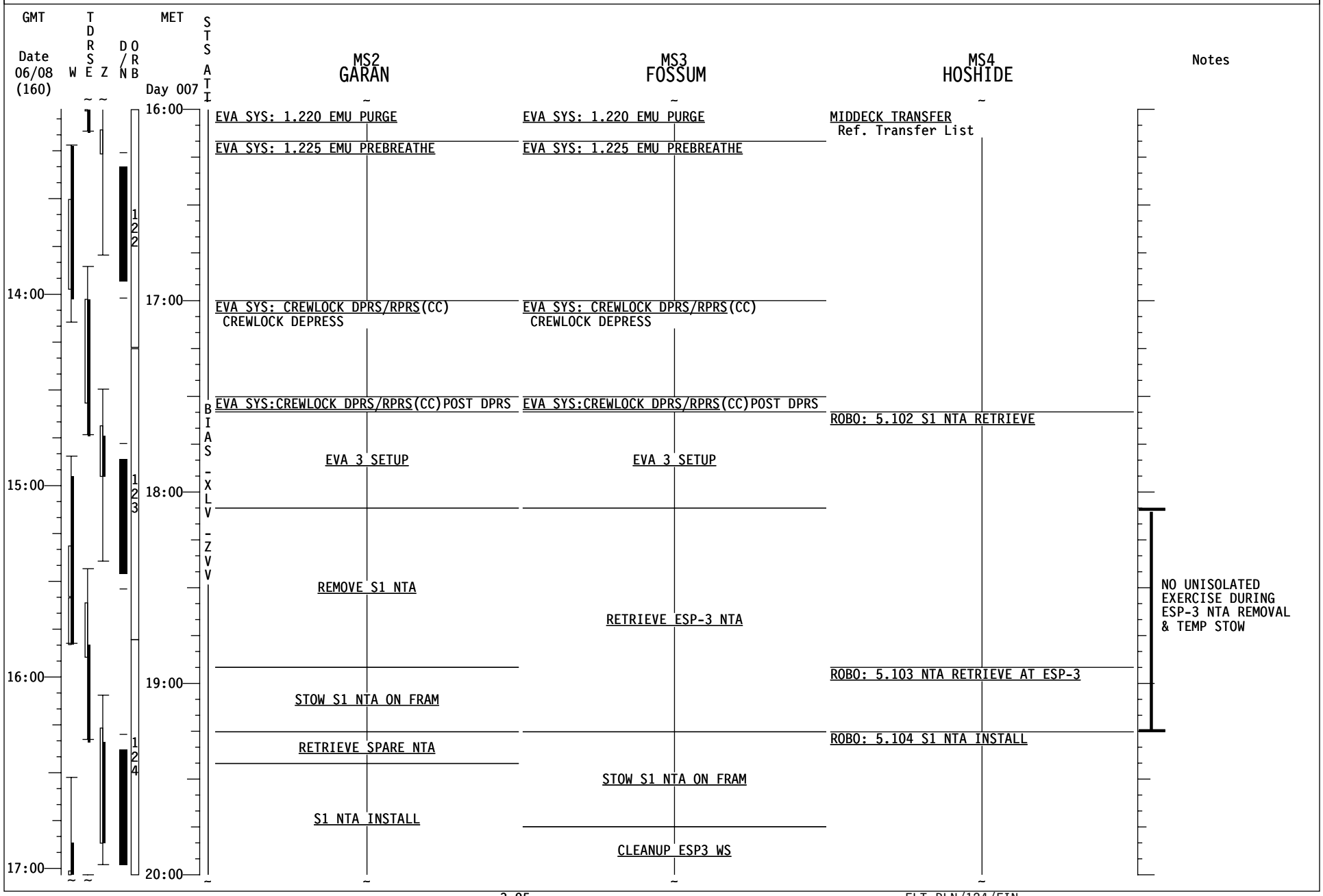
17:00
122
123
124
BIAS-XLV-ZVV
EVA SYS: 1.220 EMU PURGE
EVA SYS: 1.225 EMU PREBREATHE
EVA SYS: CREWLOCK DPRS/RPRS(CC)
CREWLOCK DEPRESS
EVA SYS:CREWLOCK DPRS/RPRS(CC)POST DPRS
P/TV07 EVA
(P/TV, SCENES)
Perform OPS
SHUTTLE/ISS H2O CNTR FILL
(ORB OPS, ECLS) INIT #5
Ref. MSG XXX
P/TV07 EVA
(P/TV, SCENES)
Perform OPS
SHUTTLE/ISS H2O CONT FILL
(ORB OPS, ECLS) TERM
Report B/C and S/N to MCC
CWC TRANSFER
Transfer 1 CWC to ISS
MEAL
EXERCISE
P/TV07 EVA
(PHOTO/TV, SCENES)
Perform SETUP
EVA SYS:CREWLOCK DPRS/RPRS(CC)POST DPRS
IVA SUPPORT FOR EVA
EXERCISE
MIDDECK TRANSFER
Ref. Transfer List
ROBO: 5.102 S1 NTA RETRIEVE
ROBO: 5.103 NTA RETRIEVE AT ESP-3
ROBO: 5.104 S1 NTA INSTALL
NO UNISOLATED EXERCISE DURING ESP-3 NTA REMOVAL & TEMP STOW

STS-124 FD09


GMT
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Day 007
STS ATI
MS2 GARAN
MS3 FOSSUM
MS4 HOSHIDE
Notes
16:00
17:00
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14:00
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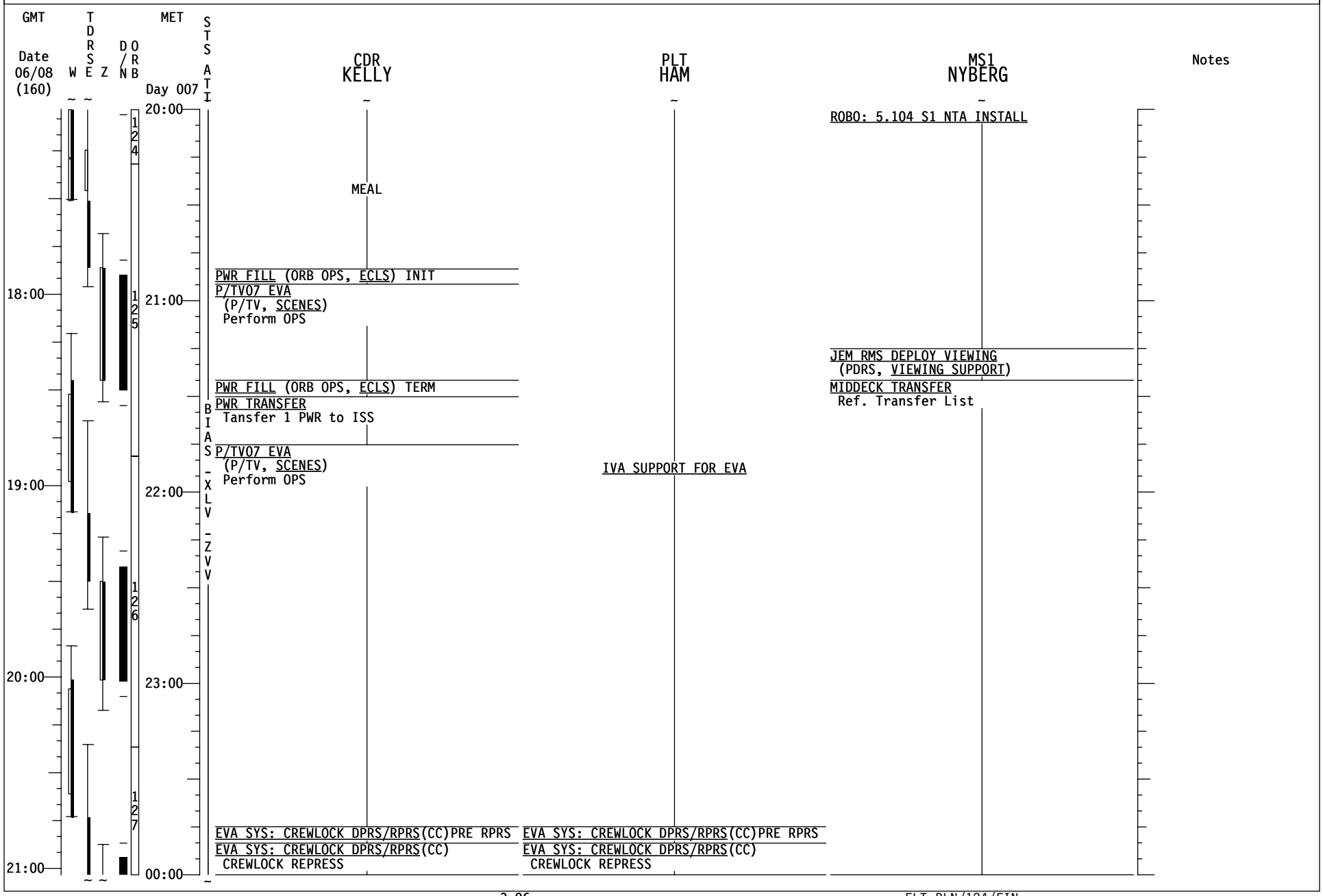
122
123
124
BIAS -XLV -ZVV
EVA SYS: 1.220 EMU PURGE
EVA SYS: 1.225 EMU PREBREATHE
EVA SYS: CREWLOCK DPRS/RPRS(CC)
CREWLOCK DEPRESS
EVA SYS:CREWLOCK DPRS/RPRS(CC)POST DPRS
EVA 3 SETUP
REMOVE S1 NTA
STOW S1 NTA ON FRAM
RETRIEVE SPARE NTA
S1 NTA INSTALL
EVA SYS: 1.220 EMU PURGE
EVA SYS: 1.225 EMU PREBREATHE
EVA SYS: CREWLOCK DPRS/RPRS(CC)
CREWLOCK DEPRESS
EVA SYS:CREWLOCK DPRS/RPRS(CC)POST DPRS
EVA 3 SETUP
RETRIEVE ESP-3 NTA
STOW S1 NTA ON FRAM
CLEANUP ESP3 WS
MIDDECK TRANSFER
Ref. Transfer List
ROBO: 5.102 S1 NTA RETRIEVE
ROBO: 5.103 NTA RETRIEVE AT ESP-3
ROBO: 5.104 S1 NTA INSTALL
NO UNISOLATED EXERCISE DURING ESP-3 NTA REMOVAL & TEMP STOW

STS-124 FD09


GMT
Date 06/08 (160)
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Day 007
STS ATI
CDR KELLY
PLT HAM
MS1 NYBERG
Notes
20:00
21:00
22:00
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18:00
19:00
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124
125
126
127
BIAS-XLV-ZVV
MEAL
PWR FILL (ORB OPS, ECLS) INIT
P/TV07 EVA
(P/TV, SCENES)
Perform OPS
PWR FILL (ORB OPS, ECLS) TERM
PWR TRANSFER
Tansfer 1 PWR to ISS
P/TV07 EVA
(P/TV, SCENES)
Perform OPS
IVA SUPPORT FOR EVA
ROBO: 5.104 S1 NTA INSTALL
JEM RMS DEPLOY VIEWING
(PDRS, VIEWING SUPPORT)
MIDDECK TRANSFER
Ref. Transfer List
EVA SYS: CREWLOCK DPRS/RPRS(CC)PRE RPRS
EVA SYS: CREWLOCK DPRS/RPRS(CC)
CREWLOCK REPRESS
EVA SYS: CREWLOCK DPRS/RPRS(CC)PRE RPRS
EVA SYS: CREWLOCK DPRS/RPRS(CC)
CREWLOCK REPRESS

STS-124 FD09

GMT Date 06/08 (160) | W | T D R S E | Z | D/N | O R B | MET Day 007 | STS ATI

18:00 19:00 20:00 21:00

124 125 126 127

20:00 21:00 22:00 23:00 00:00

BIAS-XLV-ZVV

MS2 GARAN	MS3 FOSSUM	MS4 HOSHIDE	Notes
S1 NTA INSTALL	CLEANUP ESP3 WS	ROBO: 5.104 S1 NTA INSTALL	
SSRMS CLEAN-UP	JEMRMS WVE/EVE MLI & LL RETRIEVAL		
S1 NTA FQD CONNECTION	RELEASE JPM WINDOW LLs		
CP9 ETVCG INSTALL	DEPLOY FWD/AFT ACBM MMOD SHIELDS	EXERCISE	
	CP9 ETVCG INSTALL	MIDDECK TRANSFER Ref. Transfer List	
CLEANUP/INGRESS	CLEANUP/INGRESS		
EVA SYS: CREWLOCK DPRS/RPRS(CC)PRE RPRS EVA SYS: CREWLOCK DPRS/RPRS(CC) CREWLOCK REPRESS	EVA SYS: CREWLOCK DPRS/RPRS(CC)PRE RPRS EVA SYS: CREWLOCK DPRS/RPRS(CC) CREWLOCK REPRESS		

STS-124 FD09

GMT Date 06/08 (160) | W | TDRSE | Z | D/N | ORB | MET Day 008 | STS ATI | CDR KELLY | PLT HAM | MS1 NYBERG | Notes

CDR KELLY

00:00 — EVA SYSTEMS: 1.240 POST EVA
Perform H2O Recharge; No Metox regen
MCC-H will perform Steps 44 & 68

Ref: STS-124/1J EMU CONSUMABLES TRACKING CC

22:00 — 01:00

BIAS - XLV - ZVV

PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

23:00 — 02:00

00:00 — 03:00

PRIVATE MEDICAL CONFERENCE

PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

01:00 — 04:00

PLT HAM

LiOH SWAP
Ref. MSG XXX & XFER List: Item XXX

JOINT OPS: 3.123 O2 TRANSFER SETUP (POST PREBREATHE USING SHUTTLE O2)

JOINT OPS: 3.116 HIGH PRESSURE TANK O2 XFER
Step 2, INIT

PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

MS1 NYBERG

JEMRMS BUS MONITOR OPS (JODF/ROBO, ACT & C/O) Steps 1 & 2

JEMRMS FINAL DEPLOY (JODF/ROBO, ACT & C/O)

JEMRMS MNVR TO STOWED POSITION (JODF/ROBO, ACT & C/O)

JEMRMS BUS MONITOR OPS (JODF/ROBO, ACT & C/O) Steps 3 & 5

JEMRMS DEACT PREP (JODF/ROBO, ACT & C/O) Steps 3-4

PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

Notes

Day 008

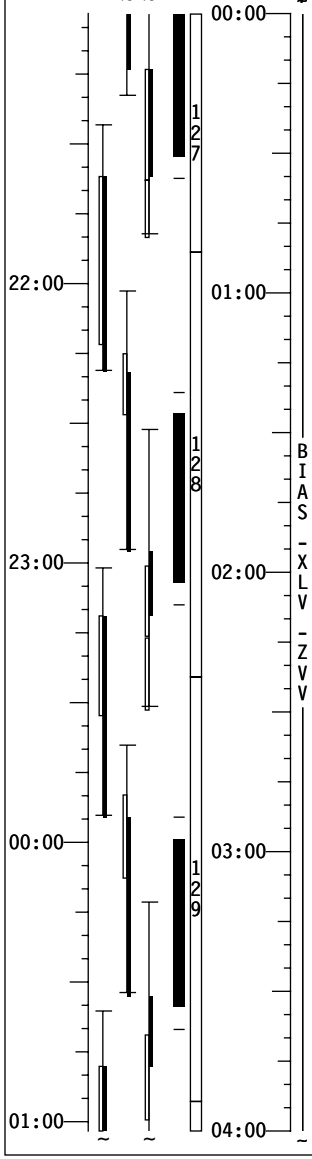
127

128

129

STS-124 FD09

GMT Date 06/08 (160) | W | TDRSE | Z | D/N | ORB | MET Day 008 | STS ATI



BIAS - XLV - ZVV

MS2 GARAN

EVA SYSTEMS: 1.240 POST EVA
Perform H2O Recharge; No Metox regen
MCC-H will perform Steps 44 & 68

Ref: STS-124/1J EMU CONSUMABLES TRACKING CC

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

MS3 FOSSUM

EVA SYSTEMS: 1.240 POST EVA
Perform H2O Recharge; No Metox regen
MCC-H will perform Steps 44 & 68

Ref: STS-124/1J EMU CONSUMABLES TRACKING CC

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

MS4 HOSHIDE

JEMRMS FINAL ACTIVATION
(JODF/ROBO, ACT & C/O) Steps 4,6

JEMRMS FINAL DEPLOY
(JODF/ROBO, ACT & C/O)

JEMRMS MNVR TO STOWED POSITION
(JODF/ROBO, ACT & C/O)

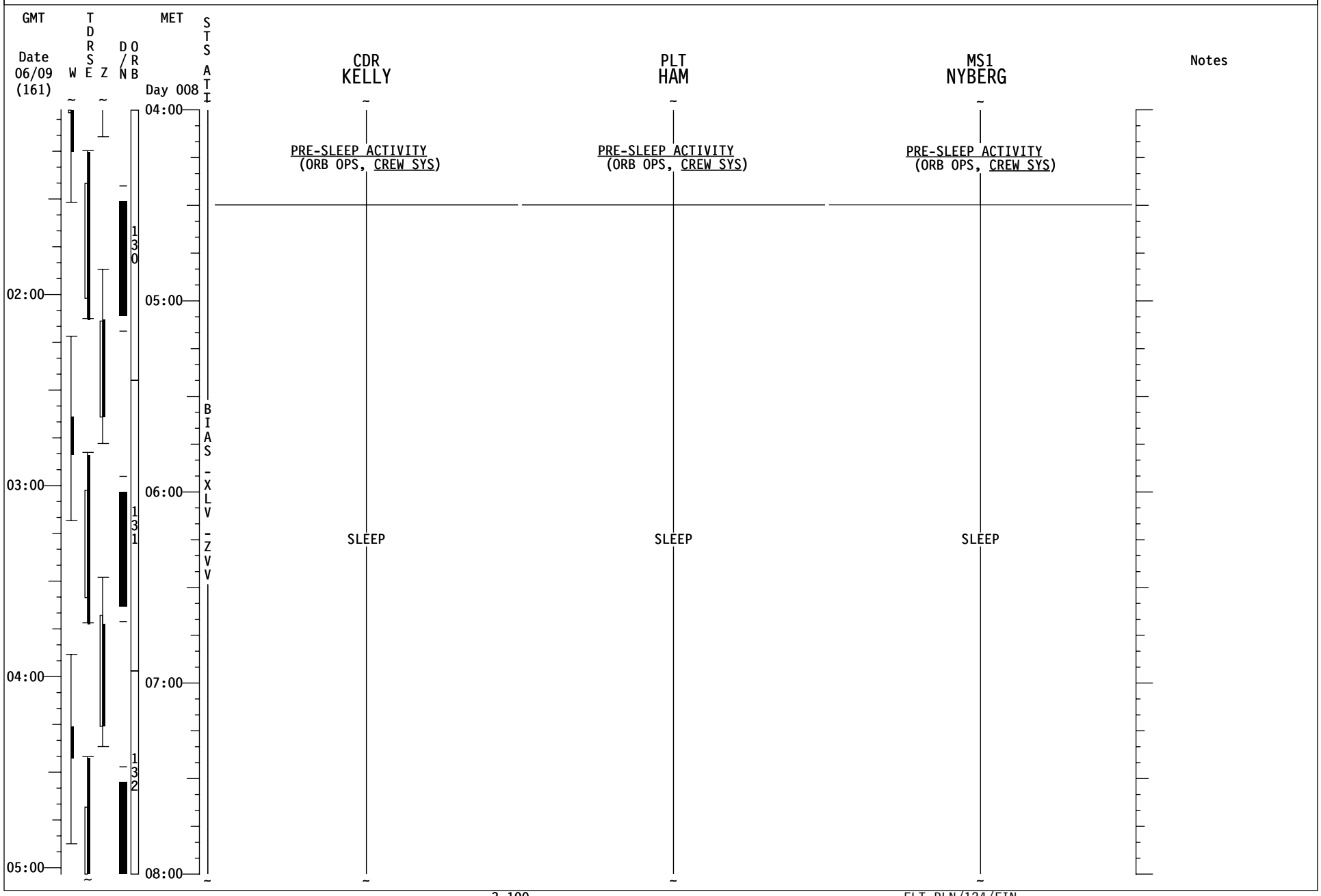
P/TV05 ISS INTERNAL OPS(HC)(P/TV,SCENES)
JEM DRAG THRU DISCONNECTION
DAILY STS/ISS CREW TRANSFER TAGUP

TRANSFER BRIEF
Call down status to MCC

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

Notes

STS-124 FD09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CDR
KELLY
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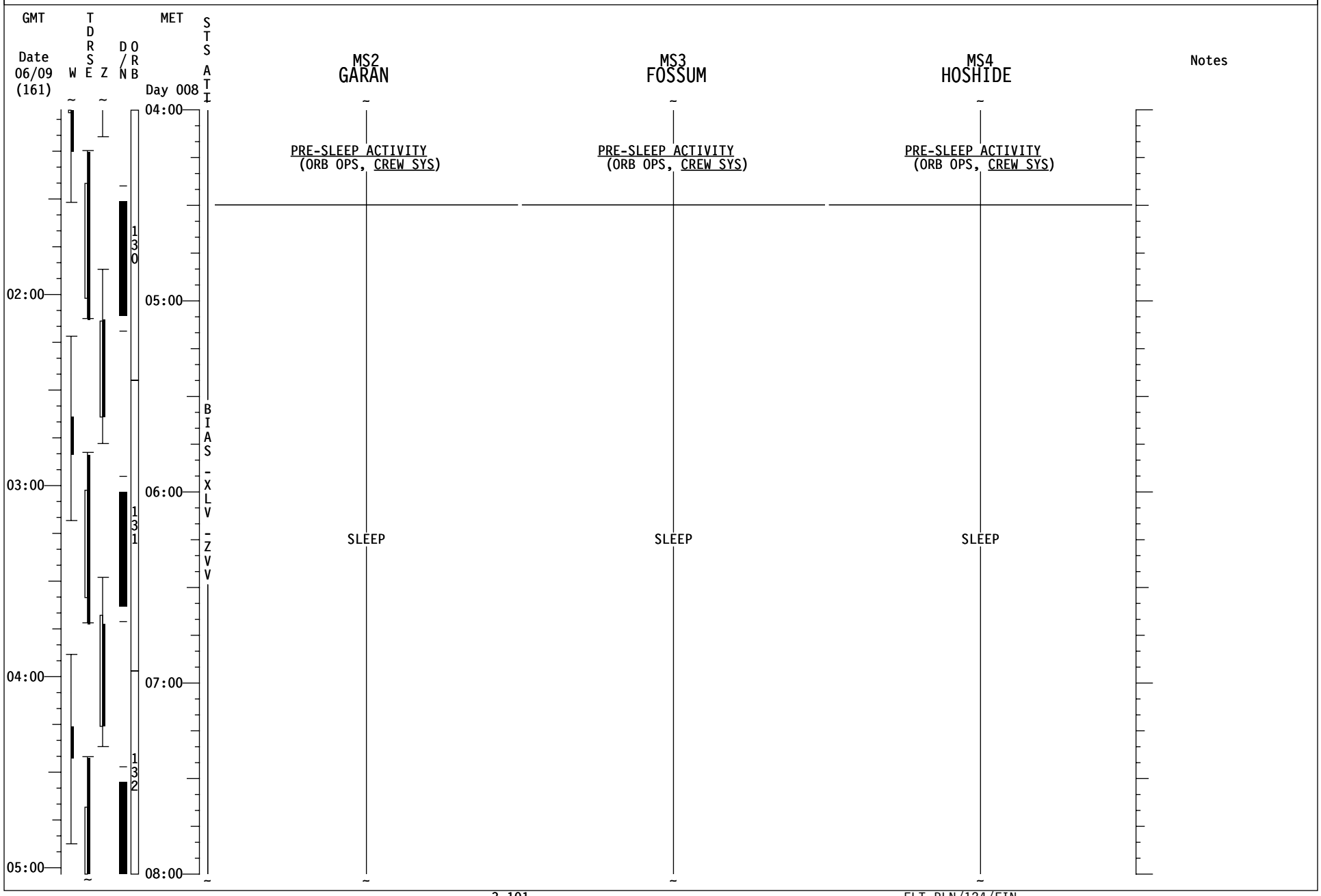
HAM
MS1
NYBERG
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
SLEEP
SLEEP
SLEEP
Notes

STS-124 FD09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MS2
GARAN
MS3
FOSSUM
MS4
HOSHIDE
Notes
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
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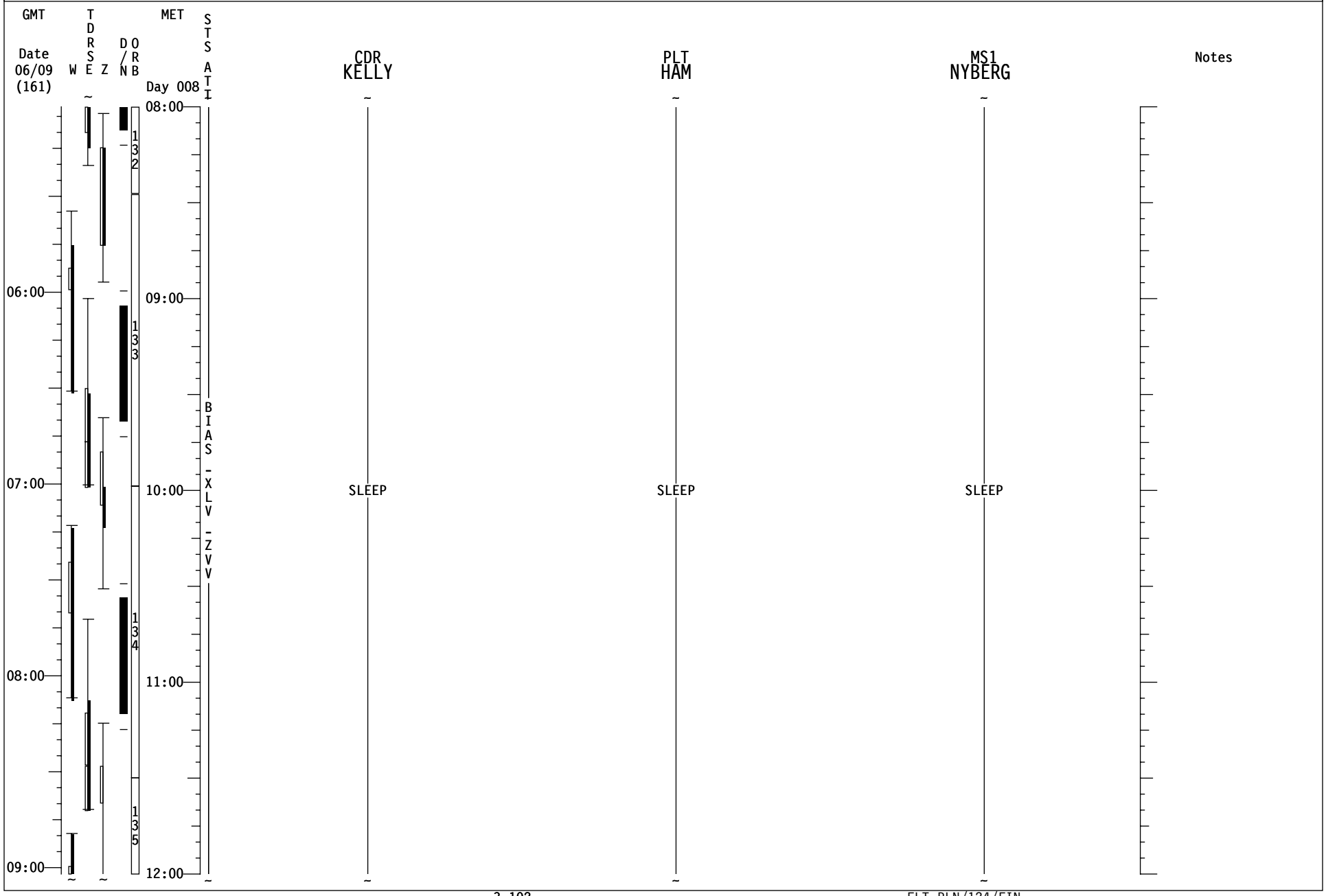
SLEEP

STS-124 FD09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BIAS-XLV-ZVV
SLEEP
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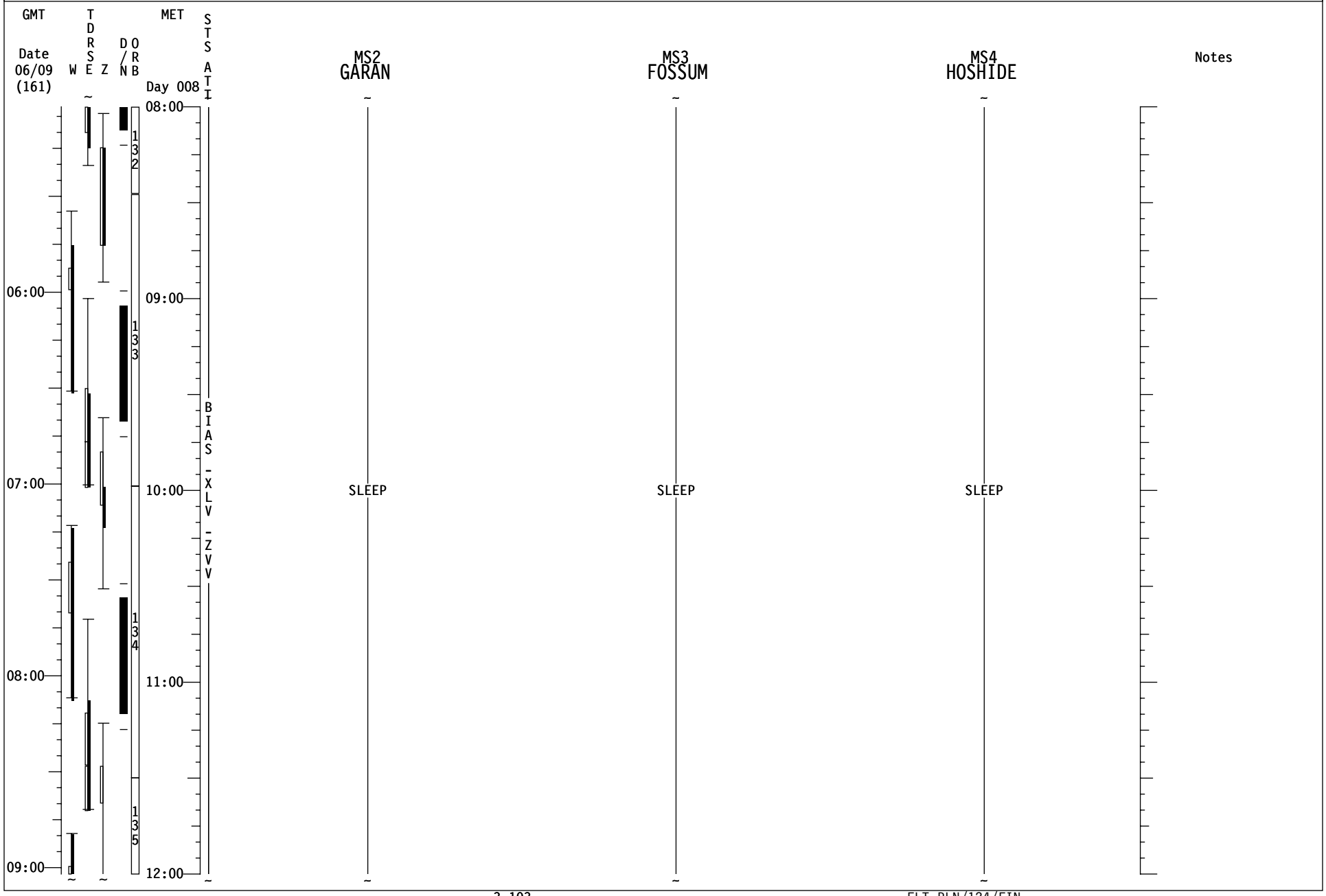
SLEEP

STS-124 FD09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BIAS-XLV-ZVV
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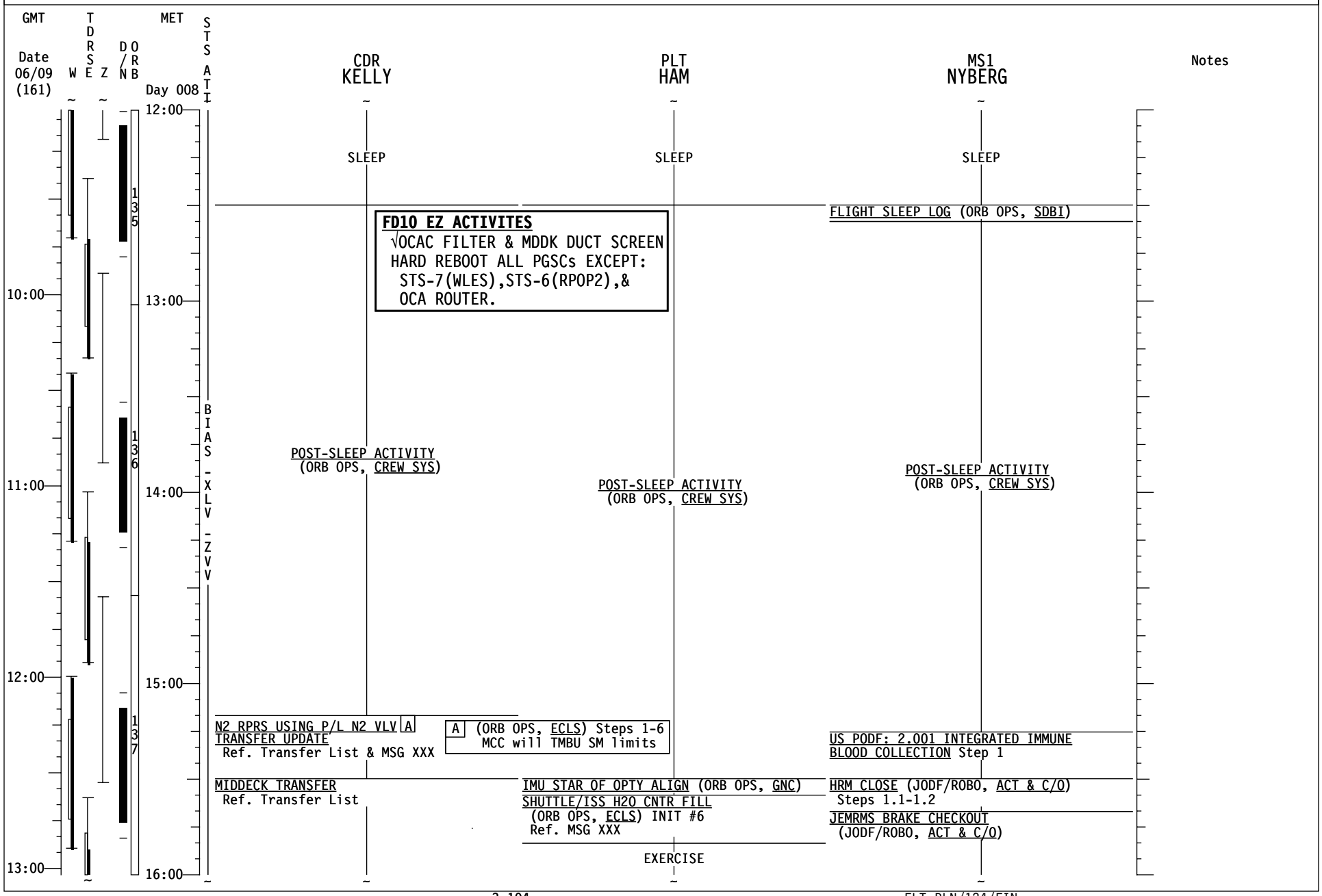
SLEEP

STS-124 FD10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STS ATI
CDR KELLY
PLT HAM
MS1 NYBERG
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136
137
BIAS - XLV - ZVV
SLEEP
SLEEP
SLEEP
FLIGHT SLEEP LOG (ORB OPS, SDBI)
FD10 EZ ACTIVITES
√OCAC FILTER & MDDK DUCT SCREEN
HARD REBOOT ALL PGSCs EXCEPT:
STS-7(WLES),STS-6(RPOP2),&
OCA ROUTER.
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
N2 RPRS USING P/L N2 VLV A
TRANSFER UPDATE
Ref. Transfer List & MSG XXX
A (ORB OPS, ECLS) Steps 1-6
MCC will TMBU SM limits
US PODF: 2.001 INTEGRATED IMMUNE
BLOOD COLLECTION Step 1
MIDDECK TRANSFER
Ref. Transfer List
IMU STAR OF OPTY ALIGN (ORB OPS, GNC)
SHUTTLE/ISS H2O CNTR FILL
(ORB OPS, ECLS) INIT #6
Ref. MSG XXX
HRM CLOSE (JODF/ROBO, ACT & C/O)
Steps 1.1-1.2
JEMRMS BRAKE CHECKOUT
(JODF/ROBO, ACT & C/O)
EXERCISE

STS-124 FD10

GMT Date 06/09 (161) | W | TDRSE | Z | D/N | ORB | MET Day 008 | STS ATI

MS2 GARAN | MS3 FOSSUM | MS4 HOSHIDE | Notes

12:00 — 13:00 — 14:00 — 15:00 — 16:00

10:00 — 11:00 — 12:00 — 13:00

135 — 136 — 137

BIAS-XLV-ZVV

MS2 GARAN

SLEEP

FLIGHT SLEEP LOG (ORB OPS, SDBI)

EVA CREW: TAKE 1 ASPIRIN (325 mg)

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

EMU COMPONENT SWAP (EVA, AIRLOCK CONFIG)

MS3 FOSSUM

SLEEP

EVA CREW: TAKE 1 ASPIRIN (325 mg)

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

EMU COMPONENT SWAP (EVA, AIRLOCK CONFIG)

MS4 HOSHIDE

SLEEP

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

JEMRMS FINAL ACTIVATION (JODF/ROBO, ACT & C/O) Steps 3 & 6

JEMRMS BUS MONITOR OPS (JODF/ROBO,ACT & C/O) Steps 1 & 2

JEMRMS BRAKE CHECKOUT (JODF/ROBO, ACT & C/O)

STS-124 FD10

GMT Date 06/09 (161) | W | TDRSE | Z | D/N | ORB | MET Day 008 | STS ATI

CDR KELLY | PLT HAM | MS1 NYBERG | Notes

16:00 – 17:00 – 18:00 – 19:00 – 20:00

14:00 – 15:00 – 16:00 – 17:00

138 – 139 – 140

BIAS - XLV - ZVV

CDR KELLY

MIDDECK TRANSFER
Ref. Transfer List

N2 REPRESS USING P/L N2 VALVES B

B (ORB OPS, ECLS) Steps 7-12
MCC will TMBU SM limits

EXERCISE

OFF DUTY

PLT HAM

EXERCISE

SHUTTLE/ISS H2O CONT FILL
(ORB OPS, ECLS) TERM
Report B/C and S/N to MCC

CWC TRANSFER
Transfer 1 CWC to ISS

NOMINAL H2O CONFIG
(ORB OPS, ECLS)
FES Pri A req'd

CONDENSATE CWC CHANGEOUT
(ORB OPS, ECLS)
Ref MSG: XXX

OFF DUTY

MS1 NYBERG

JEMRMS BRAKE CHECKOUT
(JODF/ROBO, ACT & C/O)

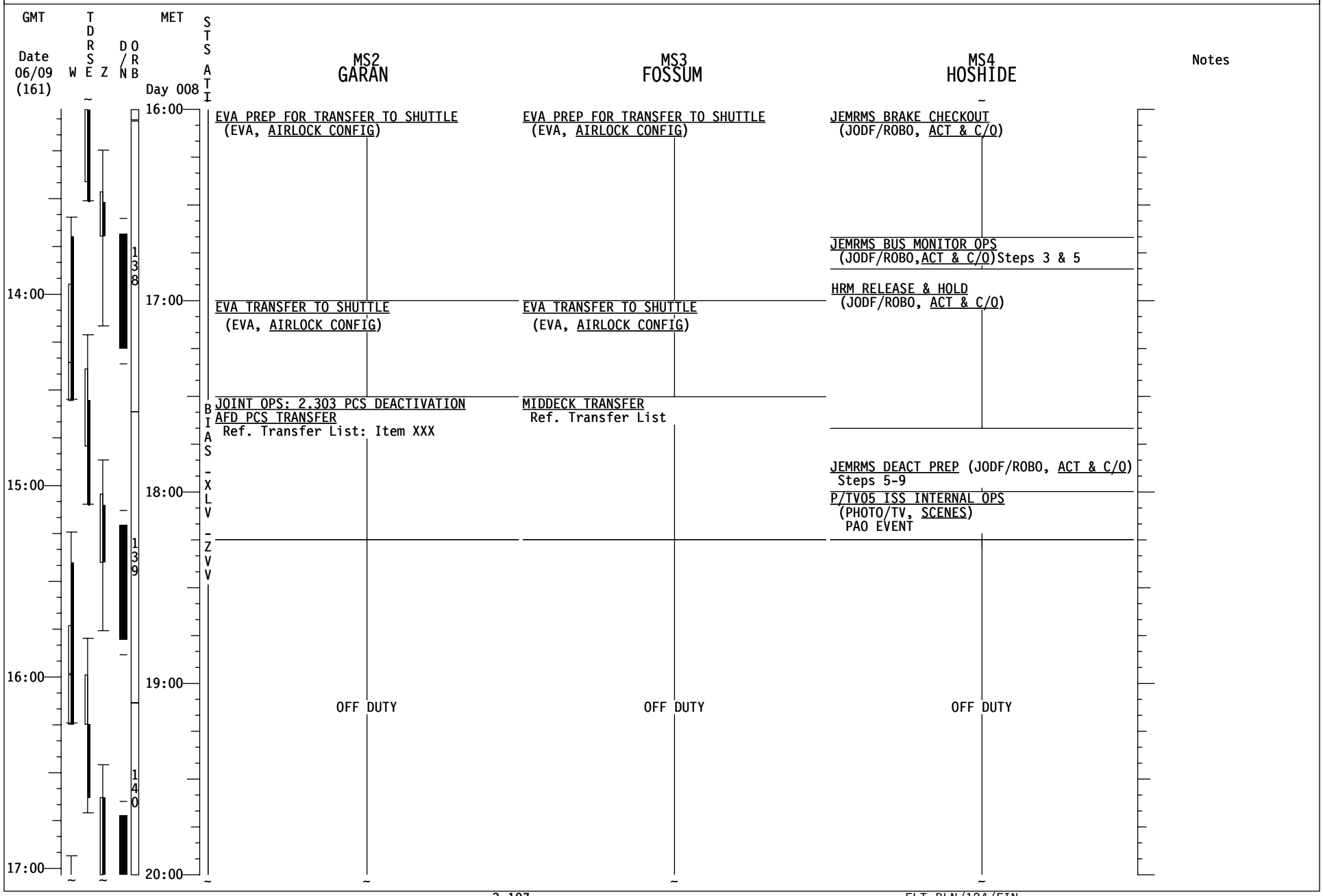
HRM CL(JODF/ROBO,ACT & C/O)Steps 1.3-1.4
US PODF: 2.001 INTEGRATED IMMUNE BLOOD COLLECTION Step 2

US PODF: 2.001 INTEGRATED IMMUNE BLOOD COLLECT Step 3, Ref. Xfer List: Item XXX

MIDDECK TRANSFER
Ref. Transfer List

OFF DUTY

STS-124 FD10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MS2 GARAN
MS3 FOSSUM
MS4 HOSHIDE
Notes
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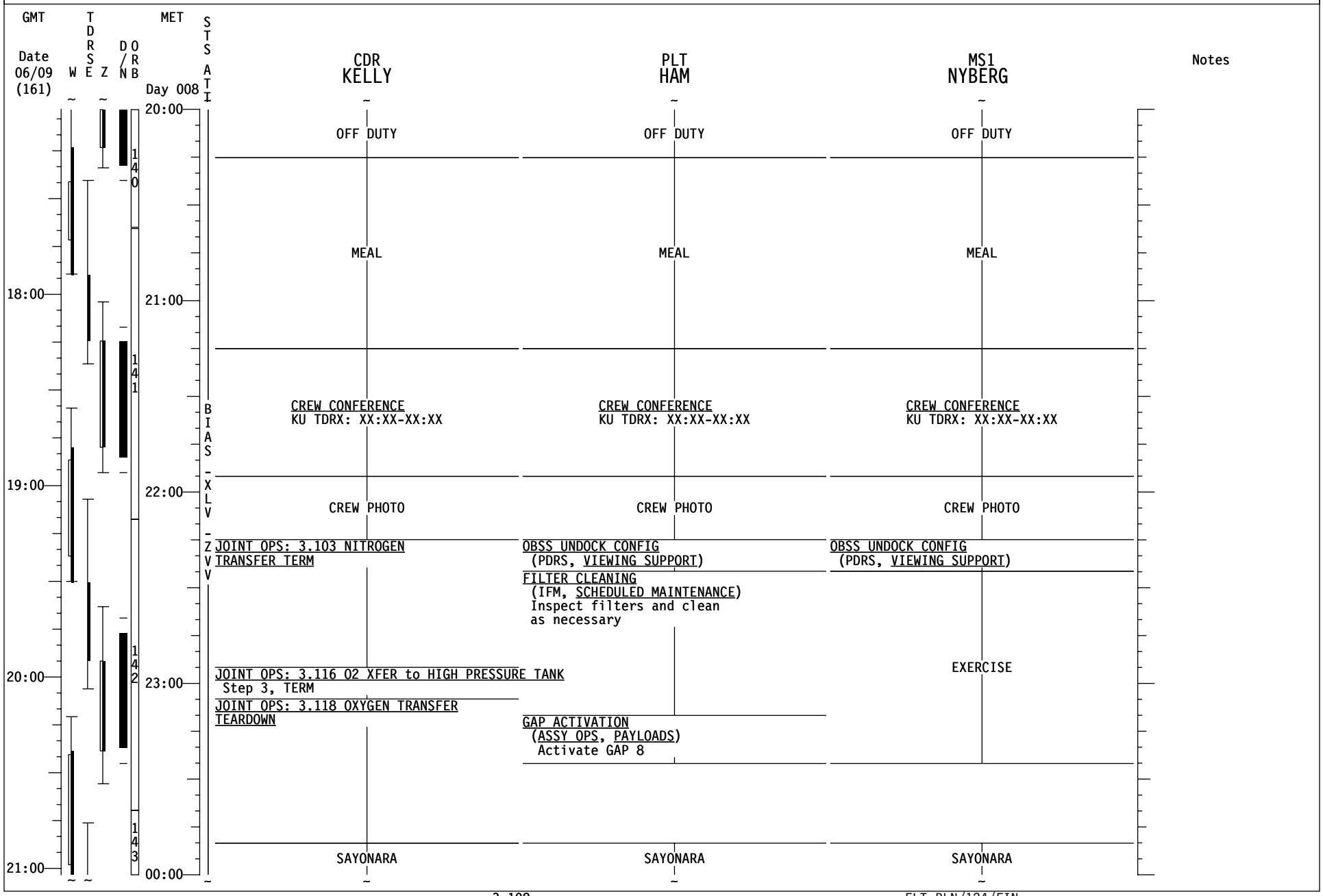
BIAS-XLV-ZVV
EVA PREP FOR TRANSFER TO SHUTTLE (EVA, AIRLOCK CONFIG)
EVA TRANSFER TO SHUTTLE (EVA, AIRLOCK CONFIG)
JOINT OPS: 2.303 PCS DEACTIVATION
AFD PCS TRANSFER
Ref. Transfer List: Item XXX
OFF DUTY
EVA PREP FOR TRANSFER TO SHUTTLE (EVA, AIRLOCK CONFIG)
EVA TRANSFER TO SHUTTLE (EVA, AIRLOCK CONFIG)
MIDDECK TRANSFER
Ref. Transfer List
OFF DUTY
JEMRMS BRAKE CHECKOUT (JODF/ROBO, ACT & C/O)
JEMRMS BUS MONITOR OPS (JODF/ROBO,ACT & C/O)Steps 3 & 5
HRM RELEASE & HOLD (JODF/ROBO, ACT & C/O)
JEMRMS DEACT PREP (JODF/ROBO, ACT & C/O) Steps 5-9
P/TV05 ISS INTERNAL OPS (PHOTO/TV, SCENES) PAO EVENT
OFF DUTY

STS-124 FD10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PLT HAM
MS1 NYBERG
Notes
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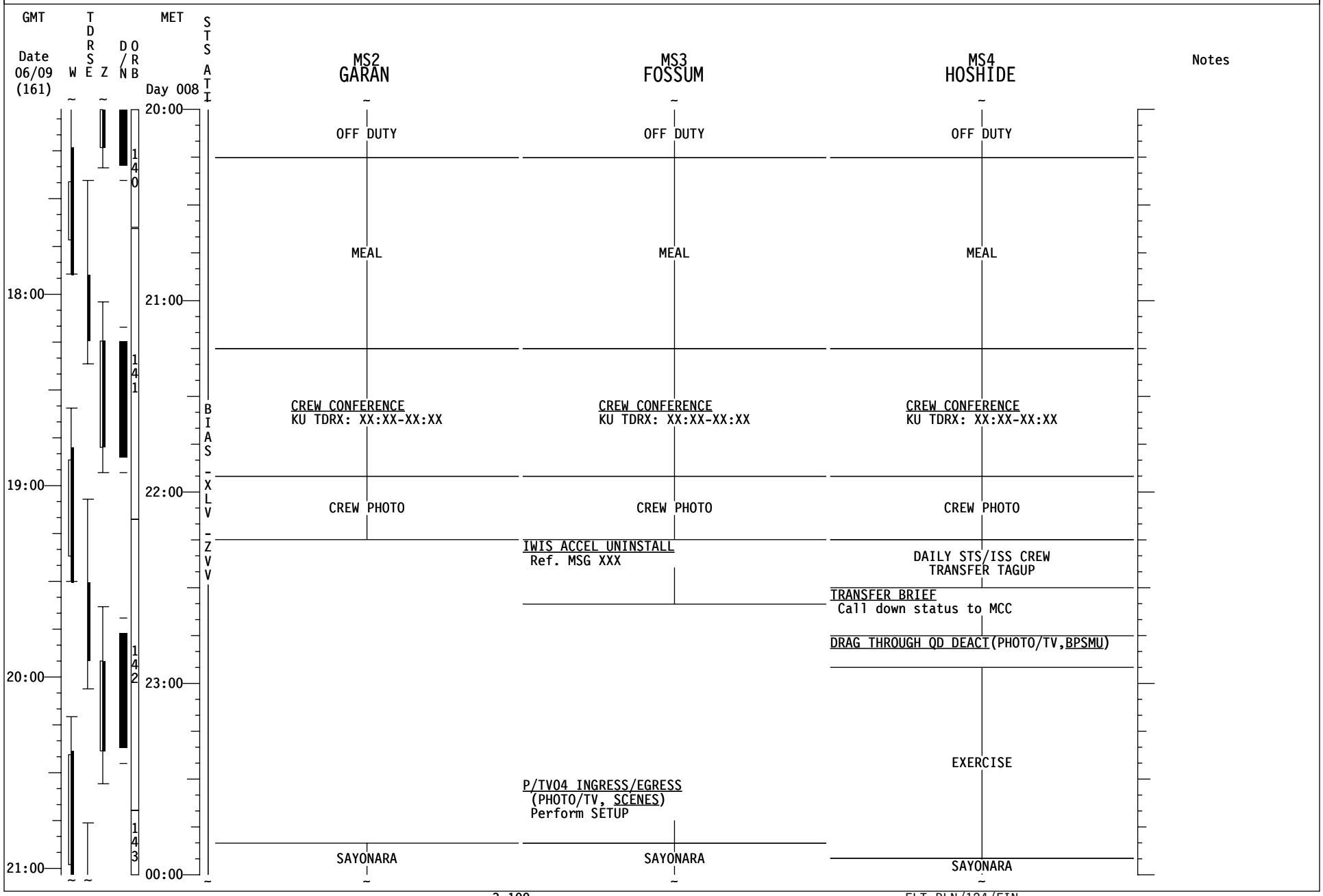
140
141
142
143
BIAS-XLV-ZVV
OFF DUTY
MEAL
CREW CONFERENCE
KU TDRX: XX:XX-XX:XX
CREW PHOTO
JOINT OPS: 3.103 NITROGEN TRANSFER TERM
JOINT OPS: 3.116 O2 XFER to HIGH PRESSURE TANK
Step 3, TERM
JOINT OPS: 3.118 OXYGEN TRANSFER TEARDOWN
OBSS UNDOCK CONFIG
(PDRS, VIEWING SUPPORT)
FILTER CLEANING
(IFM, SCHEDULED MAINTENANCE)
Inspect filters and clean as necessary
GAP ACTIVATION
(ASSY OPS, PAYLOADS)
Activate GAP 8
EXERCISE
SAYONARA

STS-124 FD10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STS ATI
MS2 GARAN
MS3 FOSSUM
MS4 HOSHIDE
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21:00
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141
142
143
BIAS - XLV - ZVV
OFF DUTY
MEAL
CREW CONFERENCE
KU TDRX: XX:XX-XX:XX
CREW PHOTO
SAYONARA
IWIS ACCEL UNINSTALL
Ref. MSG XXX
P/TV04 INGRESS/EGRESS
(PHOTO/TV, SCENES)
Perform SETUP
DAILY STS/ISS CREW
TRANSFER TAGUP
TRANSFER BRIEF
Call down status to MCC
DRAG THROUGH QD DEACT(PHOTO/TV,BPSMU)
EXERCISE

STS-124 FD10

GMT Date 06/09 (161) | W | TDRSE | Z | D/N | ORB | MET Day 009 | STS ATI

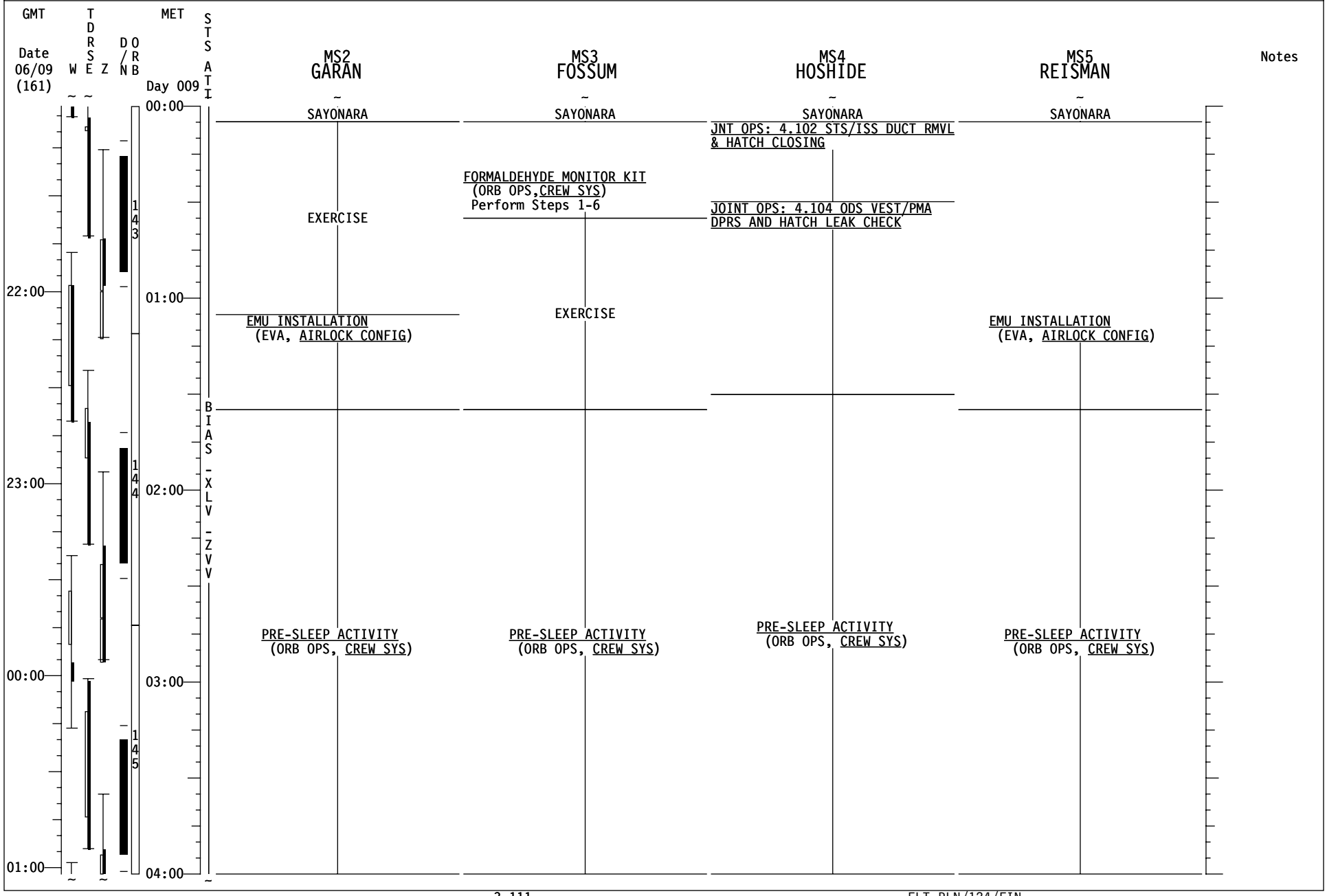
CDR KELLY	PLT HAM	MS1 NYBERG	Notes
SAYONARA	SAYONARA	SAYONARA	
JOINT OPS: 4.102 STS/ISS DUCT RMVL & HATCH CLOSING			
	√MCC for proper DAP config for ATT H/O When ISS is Free Drift,DAP:LVLH, when rates<0.1,DAP:AUTO		
JOINT OPS: 4.104 ODS VEST/PMA DPRS AND HATCH LEAK CHECK	RNDZ TOOLS CHECKOUT (RNDZ, RNDZ TOOLS)	RNDZ TOOLS CHECKOUT (RNDZ, RNDZ TOOLS)	UPDATE TFL 192
C M069M LEH O2 8 vlv - OP M010W 14.7 CAB REG INLET SYS 2 vlv - OP Expect possible 'S66 CAB O2(N2) FLO 1(2)'msg			
ORBITER PCS CONFIG C	When ISS is GO for attitude control, DAP:FREE		UPDATE TFL 184
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) √HUM SEP for H2O Accumulation			
PRIVATE MEDICAL CONFERENCE			
	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)			

Time scale: 22:00, 23:00, 00:00, 01:00; 00:00, 01:00, 02:00, 03:00, 04:00

143, 144, 145

BIAS-XLV-ZVV

STS-124 FD10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MS3 FOSSUM
MS4 HOSHIDE
MS5 REISMAN
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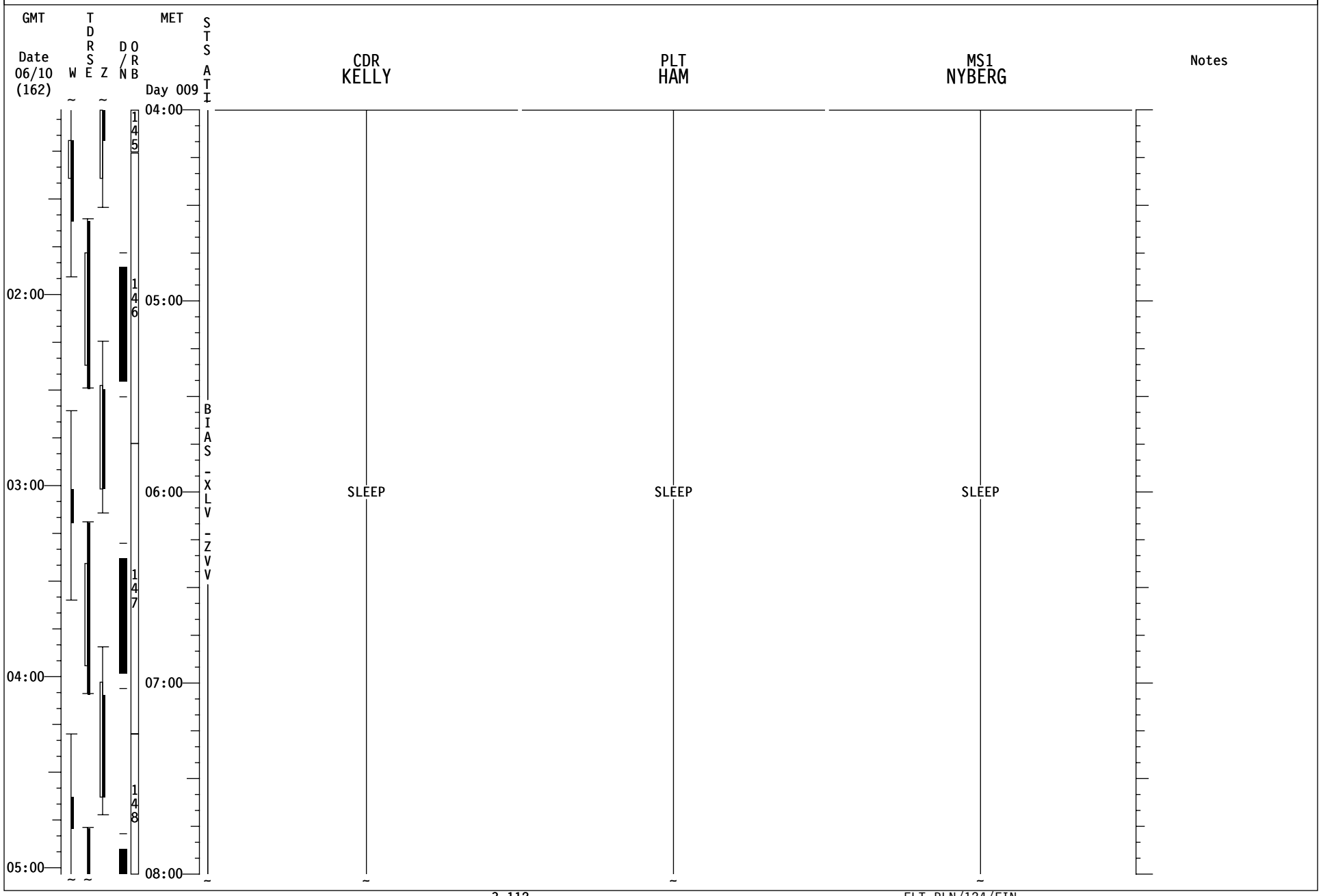
SAYONARA
SAYONARA
SAYONARA
SAYONARA
JNT OPS: 4.102 STS/ISS DUCT RMVL & HATCH CLOSING
FORMALDEHYDE MONITOR KIT (ORB OPS,CREW SYS) Perform Steps 1-6
JOINT OPS: 4.104 ODS VEST/PMA DPRS AND HATCH LEAK CHECK
EXERCISE
EXERCISE
EMU INSTALLATION (EVA, AIRLOCK CONFIG)
EMU INSTALLATION (EVA, AIRLOCK CONFIG)
PRE-SLEEP 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)

STS-124 FD10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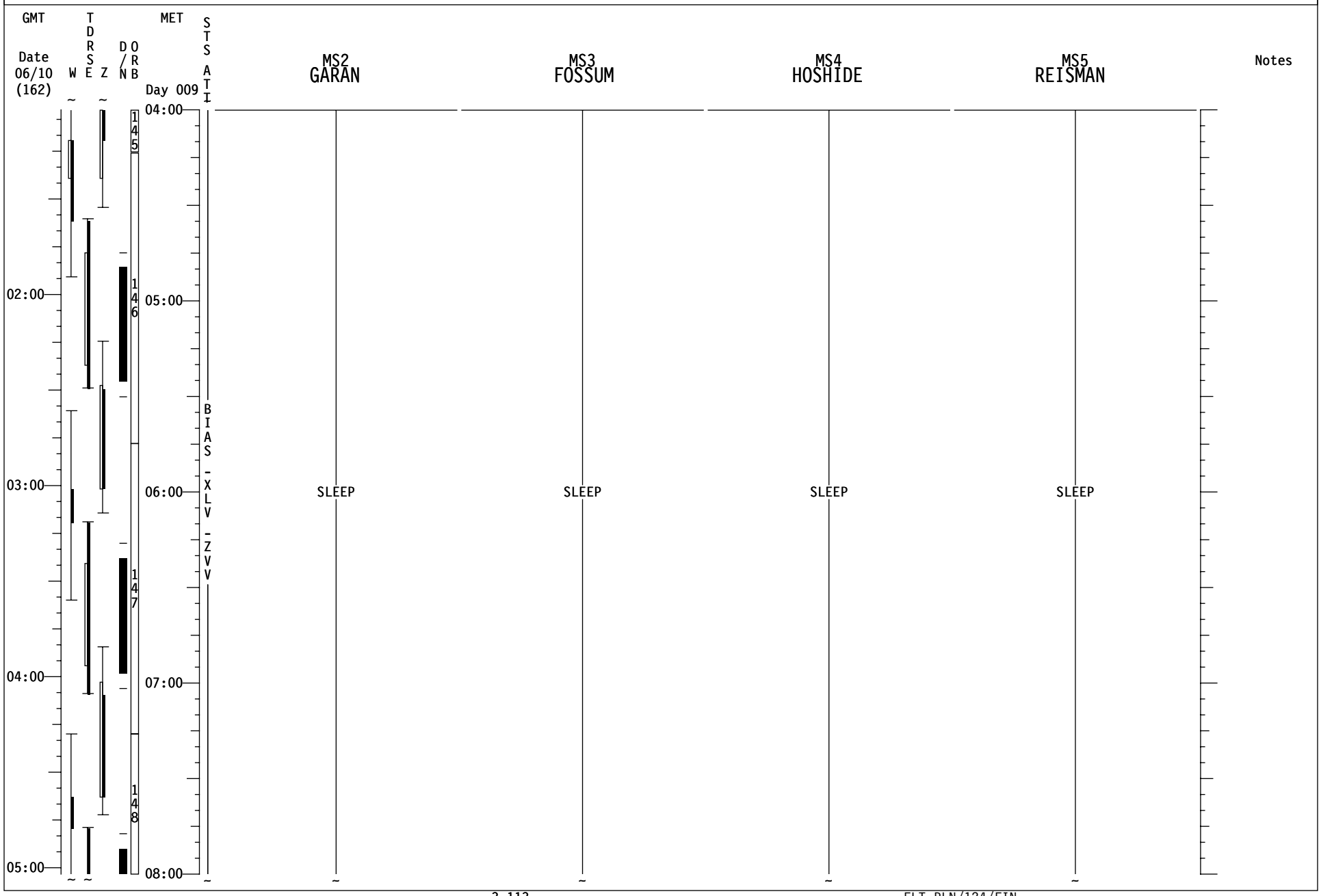
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BIAS-XLV-ZVV
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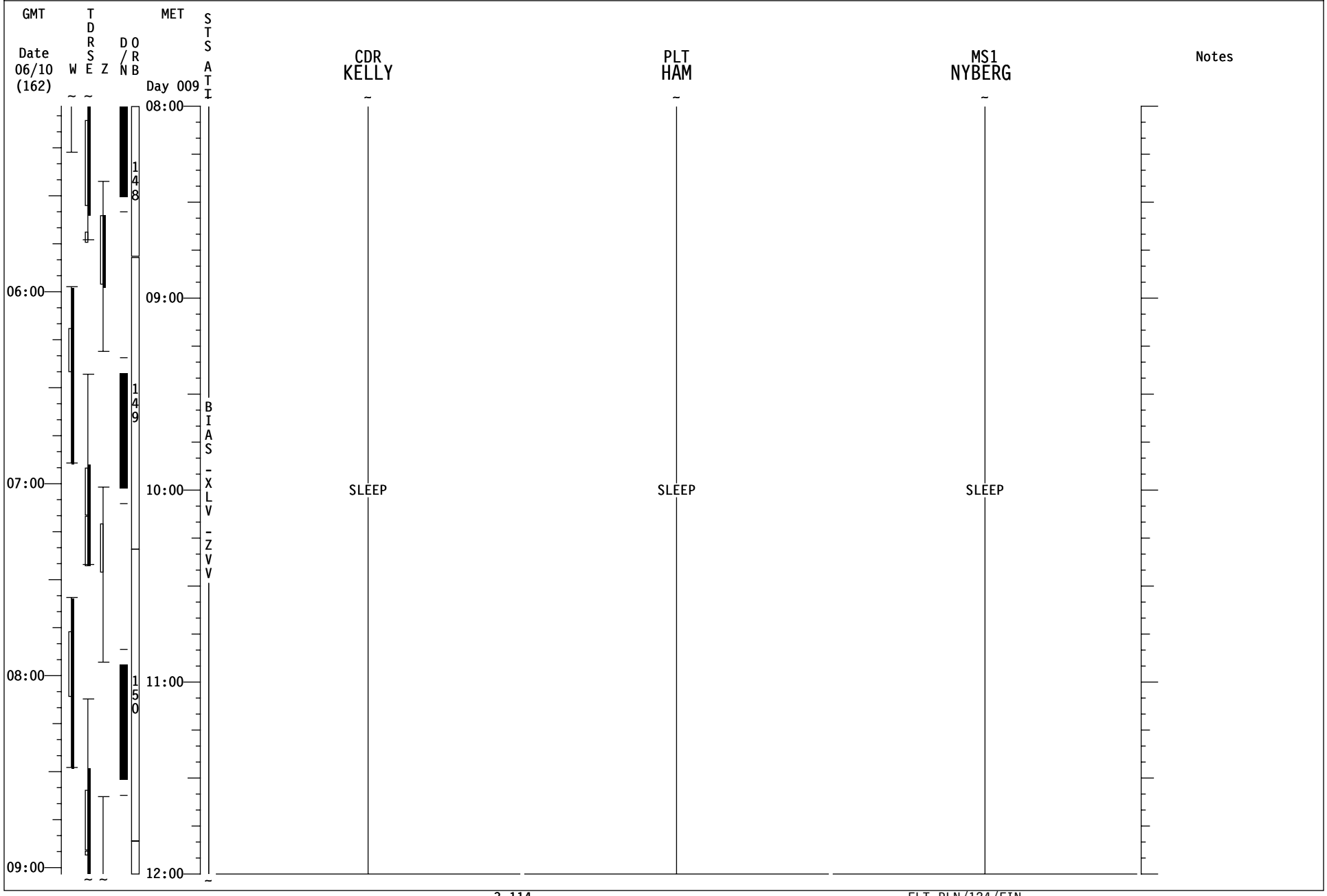
STS-124 FD10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BIAS-XLV-ZVV
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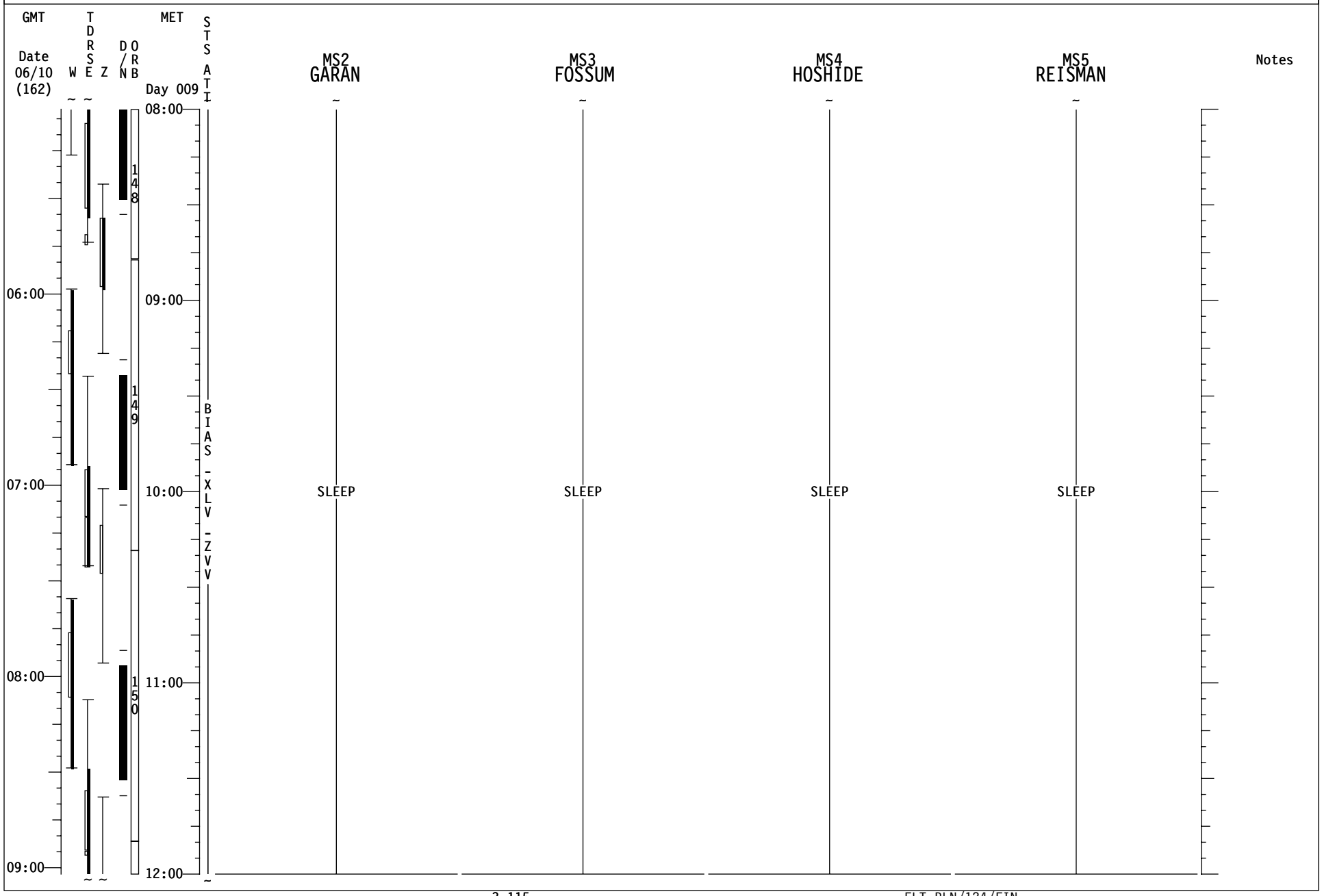
STS-124 FD10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BIAS-XLV-ZVV
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SLEEP

STS-124 FD11

GMT Date 06/10 (162) | W | TDRSE | Z | D/N | ORB | MET Day 009 | STS ATI

CDR KELLY | PLT HAM | MS1 NYBERG | Notes

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

10:00 | 11:00 | 12:00 | 13:00

151 | 152 | 153

BIAS -XLV -ZVV

UNDOCK

FD11 EZ ACTIVITES
√OCAC FILTER
HARD REBOOT ALL PGSCs EXCEPT:
STS-7(WLES),STS-6(RPOP2),&
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)

SSPTS OPCU DEACT A

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

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

√MCC for proper DAP config for ATT H/O
When ISS is Free Drift,DAP:LVLH, when rates<0.1,DAP:AUTO

MNVR (TRK) -XLV +ZVV (UNDOCK)
TG=2 BV=5 P=180 Y=0 OM=0
A12/AUTO/VERN Init TRK
06 S TRK PWR - Z - ON
PRIORITY PWRDN GRP B(ORB PKT,PRI PWRDN)
Steps 12,6(12:Recover IMU 3; 6:Triple G2)
IMU STAR OF OPTY ALIGN (ORB OPS, GNC)
UNDOCKING AND SEPARATION (RNDZ, UNDOCK/SEP T/L)

L17 Check MCIU filter screen
06 S TRK PWR - Z - ON
PRIORITY PWRDN GRP B(ORB PKT,PRI PWRDN)
Steps 12,6(12:Recover IMU 3; 6:Triple G2)
SSV OUTRATE - 3
UNDOCKING AND SEPARATION (RNDZ, UNDOCK/SEP T/L)

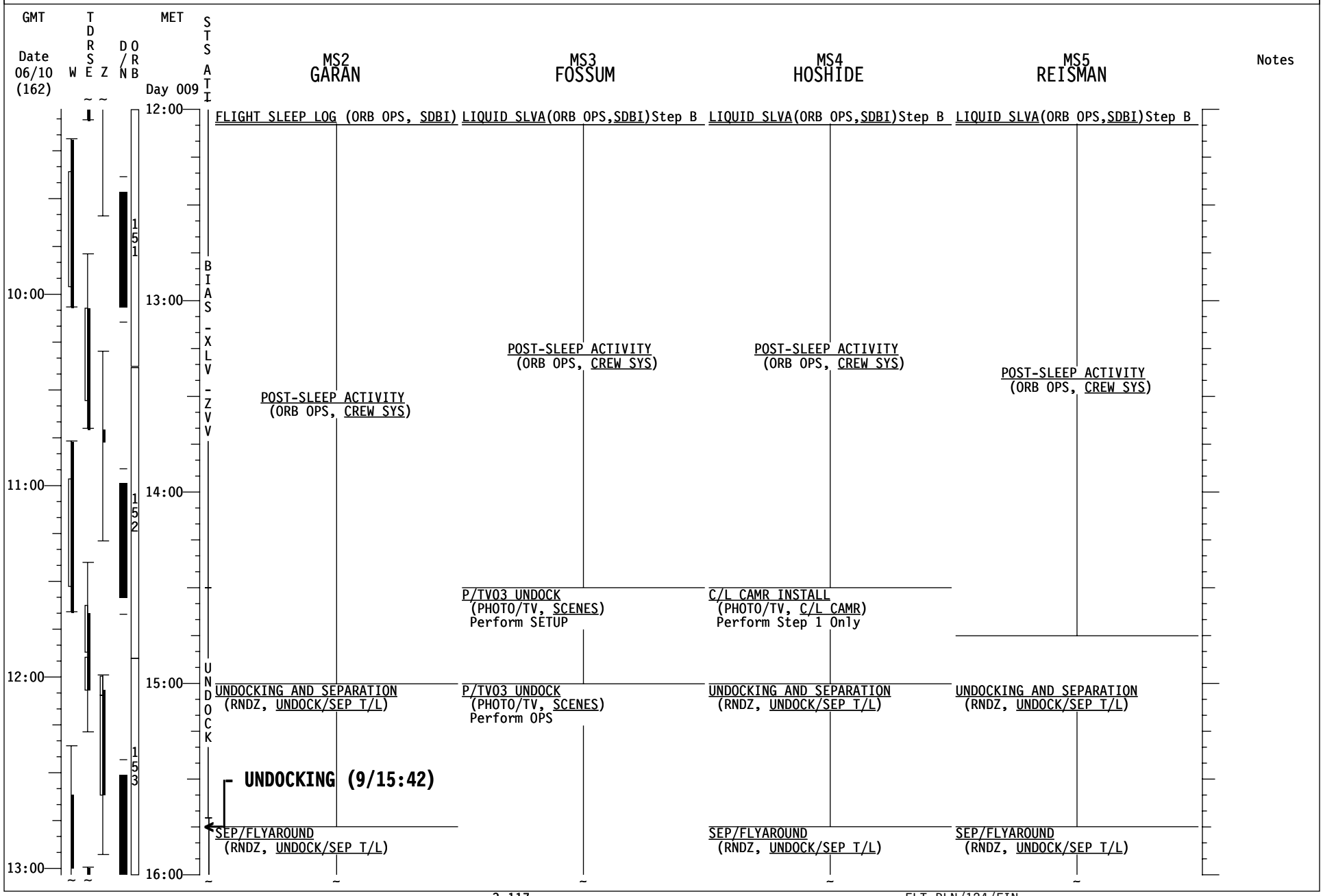
C/L CAMR INSTALL (PHOTO/TV, C/L CAMR)
Perform Step 1 Only
UNDOCKING AND SEPARATION (RNDZ, UNDOCK/SEP T/L)

UPDATE TFL 192

- UNDOCKING (9/15:42)

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

STS-124 FD11


GMT
Date 06/10 (162)
W
TDRSE
Z
D/N
ORB
MET
Day 009
STS ATI
MS2 GARAN
MS3 FOSSUM
MS4 HOSHIDE
MS5 REISMAN
Notes
12:00
13:00
14:00
15:00
16:00
10:00
11:00
12:00
13:00
151
152
153
BIAS - XLV - ZVV
UNDOCK
FLIGHT SLEEP LOG (ORB OPS, SDBI)
LIQUID SLVA(ORB OPS,SDBI)Step B
LIQUID SLVA(ORB OPS,SDBI)Step B
LIQUID SLVA(ORB OPS,SDBI)Step B
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)
P/TV03 UNDOCK (PHOTO/TV, SCENES) Perform SETUP
C/L CAMR INSTALL (PHOTO/TV, C/L CAMR) Perform Step 1 Only
UNDOCKING AND SEPARATION (RNDZ, UNDOCK/SEP T/L)
P/TV03 UNDOCK (PHOTO/TV, SCENES) Perform OPS
UNDOCKING AND SEPARATION (RNDZ, UNDOCK/SEP T/L)
UNDOCKING AND SEPARATION (RNDZ, UNDOCK/SEP T/L)
UNDOCKING (9/15:42)
SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)
SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)
SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)

STS-124 FD11

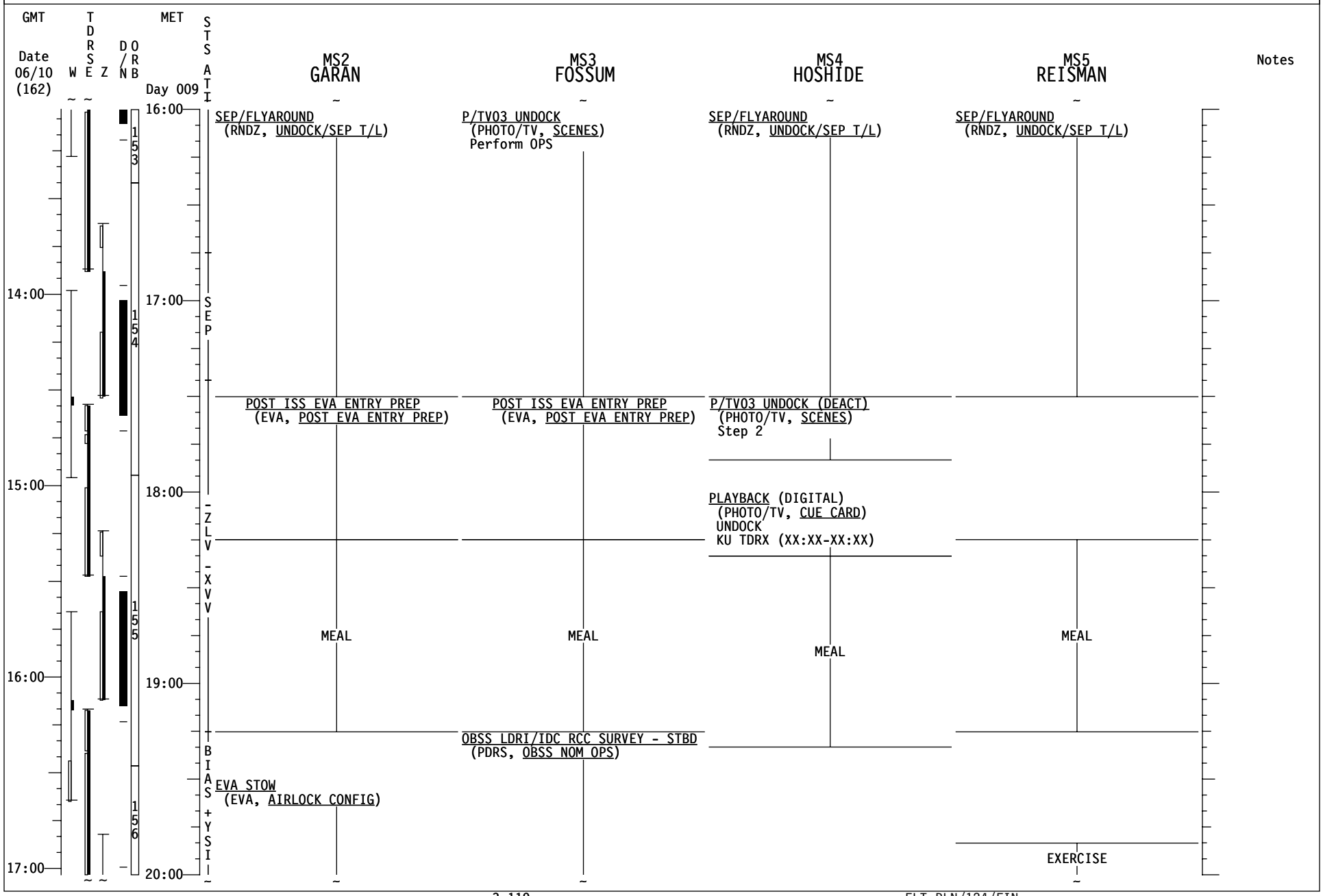
GMT Date 06/10 (162) | W | TDRS E | Z | D/N | ORB | MET Day 009 | STS ATI

MET	CDR KELLY	PLT HAM	MS1 NYBERG	Notes
16:00	SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	UPLINK β21 Only Box 30
17:00	< SEP-1 TIG (16:57)			
	< SEP-2 TIG (17:25)			UPLINK β21 + Mask
	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)	POST RNDZ PGSC CONFIG Configure PGSCs per EVA/RMS usage chart	
	RCS REG RCNFG (ORB OPS, RCS)	SSP1 OIU PWR - OFF (tb-bp)		
	CABIN TEMP CONTROLLER RECNFG 2(1) (ORB OPS, ECLS)	HEATER RECONFIG-CONFIG B (ORB OPS, EPS)		
18:00	SHUTTLE CONDENSATE COLLECTION (ORB OPS, ECLS) TEARDOWN	OBSS MNVR TO FLAT FIELD (PDRS, UNDOCKED OPS)	OBSS MNVR TO FLAT FIELD (PDRS, UNDOCKED OPS)	
				UPLINK TFL 188
	MEAL	MEAL	MEAL	
19:00	MNVR (TRK) BIAS +YSI (STBD Survey) TG=4 BV=5 P=0 Y=45 OM=228 A14/AUTO/VERN On MCC GO, Init TRK	OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS NOM OPS)	OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS NOM OPS)	
	EVA STOW (EVA, AIRLOCK CONFIG)			
20:00				

Orbit 153, 154, 155, 156

STS ATI: SEP; ZLV-XVV; BIAS+YSI

STS-124 FD11


GMT
Date 06/10 (162)
W
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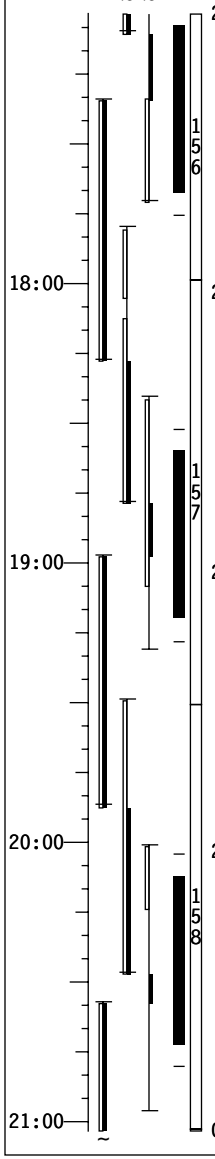
ORB
MET
Day 009
STS ATI
MS2 GARAN
MS3 FOSSUM
MS4 HOSHIDE
MS5 REISMAN
Notes
16:00
17:00
18:00
19:00
20:00
14:00
15:00
16:00
17:00
153
154
155
156
SEP
-ZLV
-XVV
BIAS
+YSI
SEP/FLYAROUND
(RNDZ, UNDOCK/SEP T/L)
P/TV03 UNDOCK
(PHOTO/TV, SCENES)
Perform OPS
SEP/FLYAROUND
(RNDZ, UNDOCK/SEP T/L)
SEP/FLYAROUND
(RNDZ, UNDOCK/SEP T/L)
POST ISS EVA ENTRY PREP
(EVA, POST EVA ENTRY PREP)
POST ISS EVA ENTRY PREP
(EVA, POST EVA ENTRY PREP)
P/TV03 UNDOCK (DEACT)
(PHOTO/TV, SCENES)
Step 2
PLAYBACK (DIGITAL)
(PHOTO/TV, CUE CARD)
UNDOCK
KU TDRX (XX:XX-XX:XX)
MEAL
MEAL
MEAL
MEAL
OBSS LDRI/IDC RCC SURVEY - STBD
(PDRS, OBSS NOM OPS)
EVA STOW
(EVA, AIRLOCK CONFIG)
EXERCISE

STS-124 FD11

GMT Date 06/10 (162) | W | TDRSE | Z | D/N | ORB | MET Day 009 | STS ATI

CDR KELLY | PLT HAM | MS1 NYBERG | Notes



20:00 – 21:00 – 22:00 – 23:00 – 00:00

BIAS +YSI

BIAS +XSI

BIAS -YSI

CDR KELLY

EVA STOW
(EVA, AIRLOCK CONFIG)

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

MNVR (TRK) BIAS -YSI (PORT Survey)
TG=4 BV=5 P=0 Y=323 OM=228
A14/AUTO/VERN On MCC GO, Init TRK

EXERCISE

PLT HAM

OBSS LDRI/IDC RCC SURVEY - STBD
(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)

MS1 NYBERG

OBSS LDRI/IDC RCC SURVEY - STBD
(PDRS, OBSS NOM OPS)

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

JOINT OPS: 6.106 SSOR DEACT

EXERCISE

STS-124 FD11

GMT Date 06/10 (162) | W | TDRSE | Z | D/N | ORB | MET Day 009 | STS ATI

MS2 GARAN	MS3 FOSSUM	MS4 HOSHIDE	MS5 REISMAN	Notes
EVA STOW (EVA, AIRLOCK CONFIG)	OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS NOM OPS)			
OBSS LDRI/IDC RCC SRVY-NOSE CAP (PDRS, OBSS NOM OPS)	OBSS LDRI/IDC RCC SRVY-NOSE CAP (PDRS, OBSS NOM OPS)		EXERCISE	
OBSS LDRI/IDC RCC SURVEY - PORT (PDRS, OBSS NOM OPS) Do Not Berth OBSS PARAM-PORT TEMP JOINT-CRIT TEMP	OBSS LDRI/IDC RCC SURVEY - PORT (PDRS, OBSS NOM OPS) Do Not Berth OBSS PARAM-PORT TEMP JOINT-CRIT TEMP	EXERCISE		
	EXER	PLAYBACK (DIGITAL) (PHOTO/TV, CUE CARD) LDRI SURVEYS KU TDRX (XX:XX-XX:XX)		

BIAS +YSI

BIAS +XSI

BIAS -YSI

156

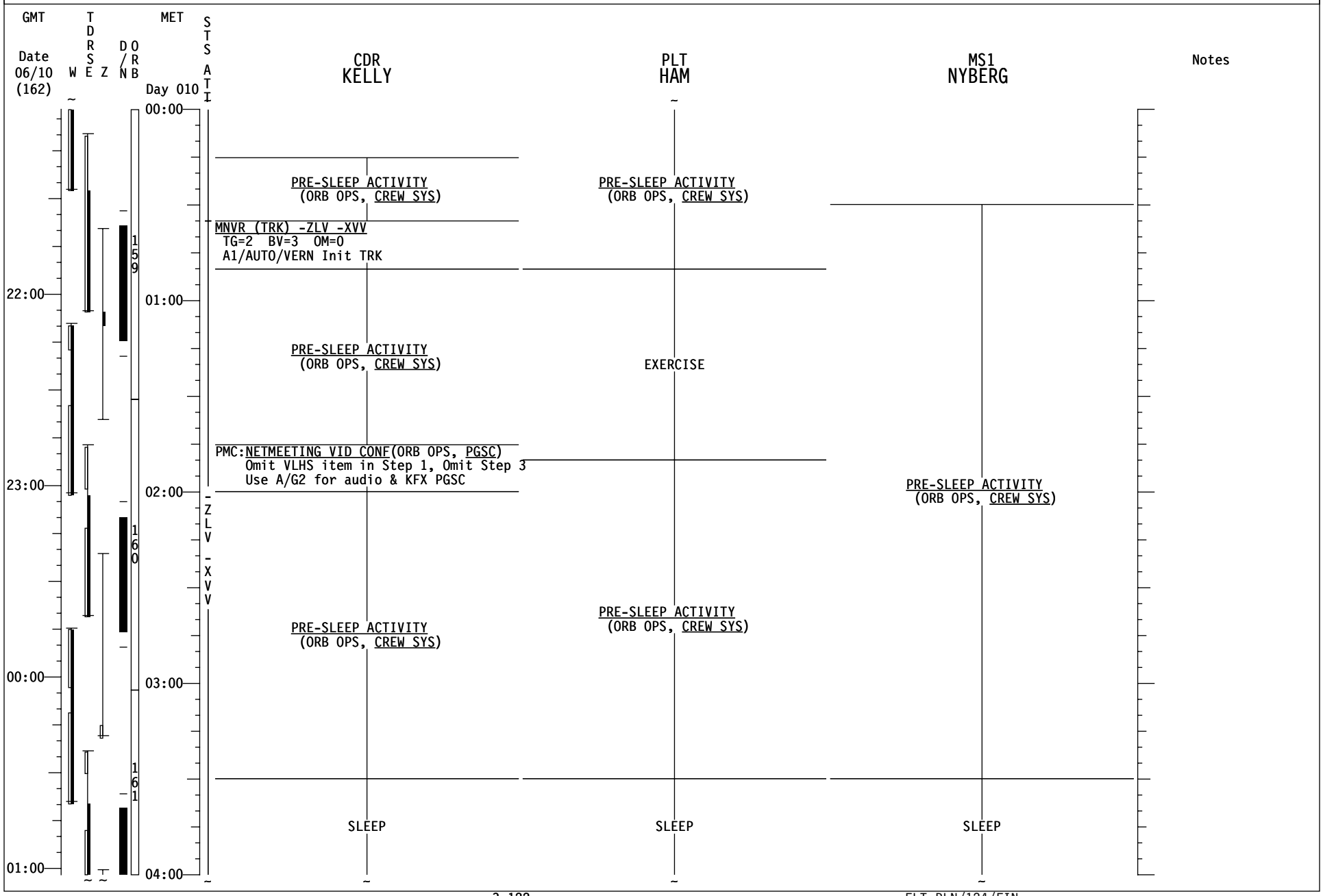
157

158

18:00 19:00 20:00 21:00

20:00 21:00 22:00 23:00 00:00

STS-124 FD11


GMT
Date 06/10 (162)
W
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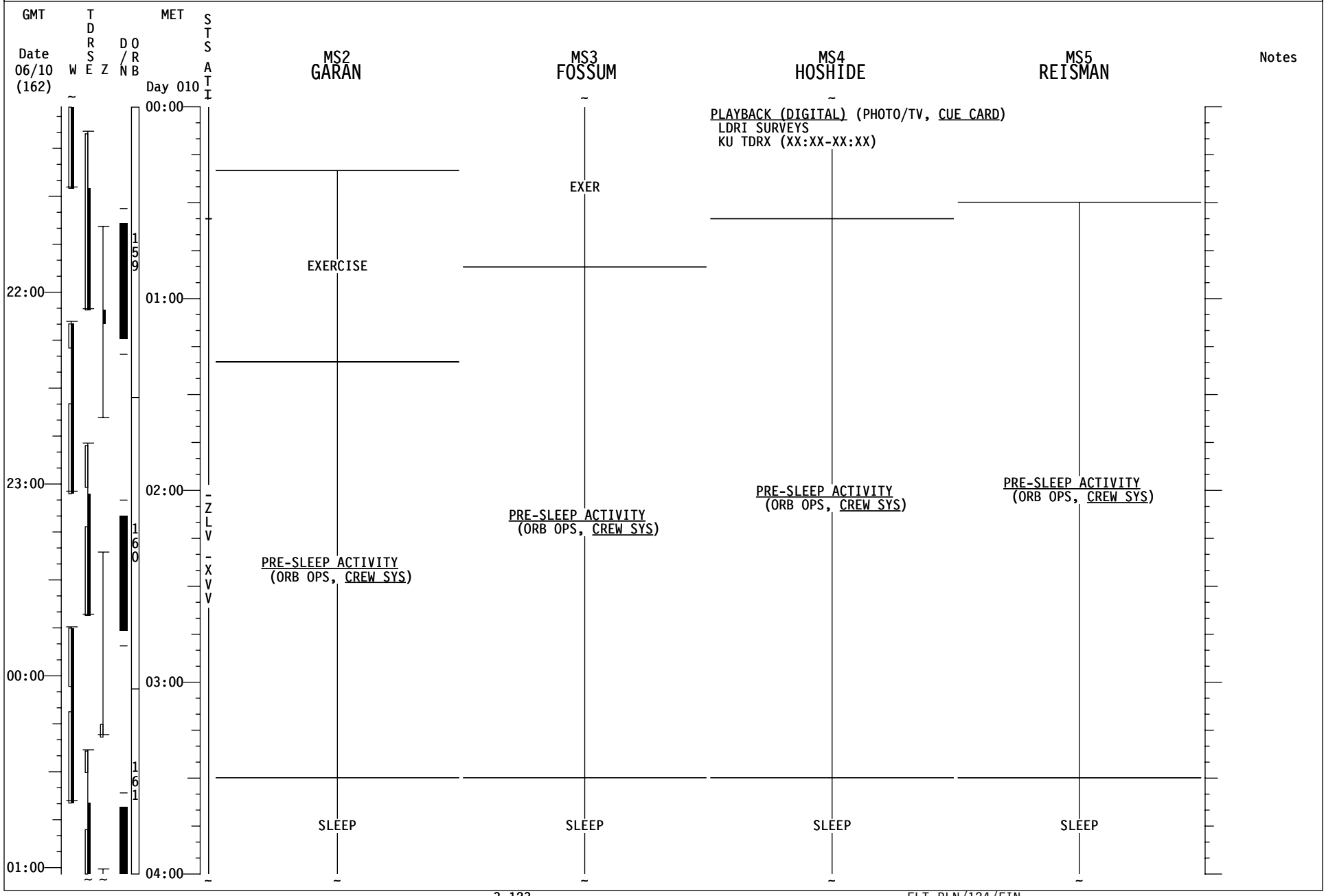
Day 010
STS ATI
CDR KELLY
PLT HAM
MS1 NYBERG
Notes
00:00
01:00
02:00
03:00
04:00
22:00
23:00
00:00
01:00
159
160
161
-ZLV -XVV
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
MNVR (TRK) -ZLV -XVV
TG=2 BV=3 OM=0
A1/AUTO/VERN Init TRK
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
PMC:NETMEETING VID CONF(ORB OPS, PGSC)
Omit VLHS item in Step 1, Omit Step 3
Use A/G2 for audio & KFX PGSC
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
SLEEP
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
EXERCISE
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
SLEEP
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
SLEEP

STS-124 FD11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STS ATI
MS2
GARAN
MS3
FOSSUM
MS4
HOSHIDE
MS5
REISMAN
Notes
00:00
01:00
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03:00
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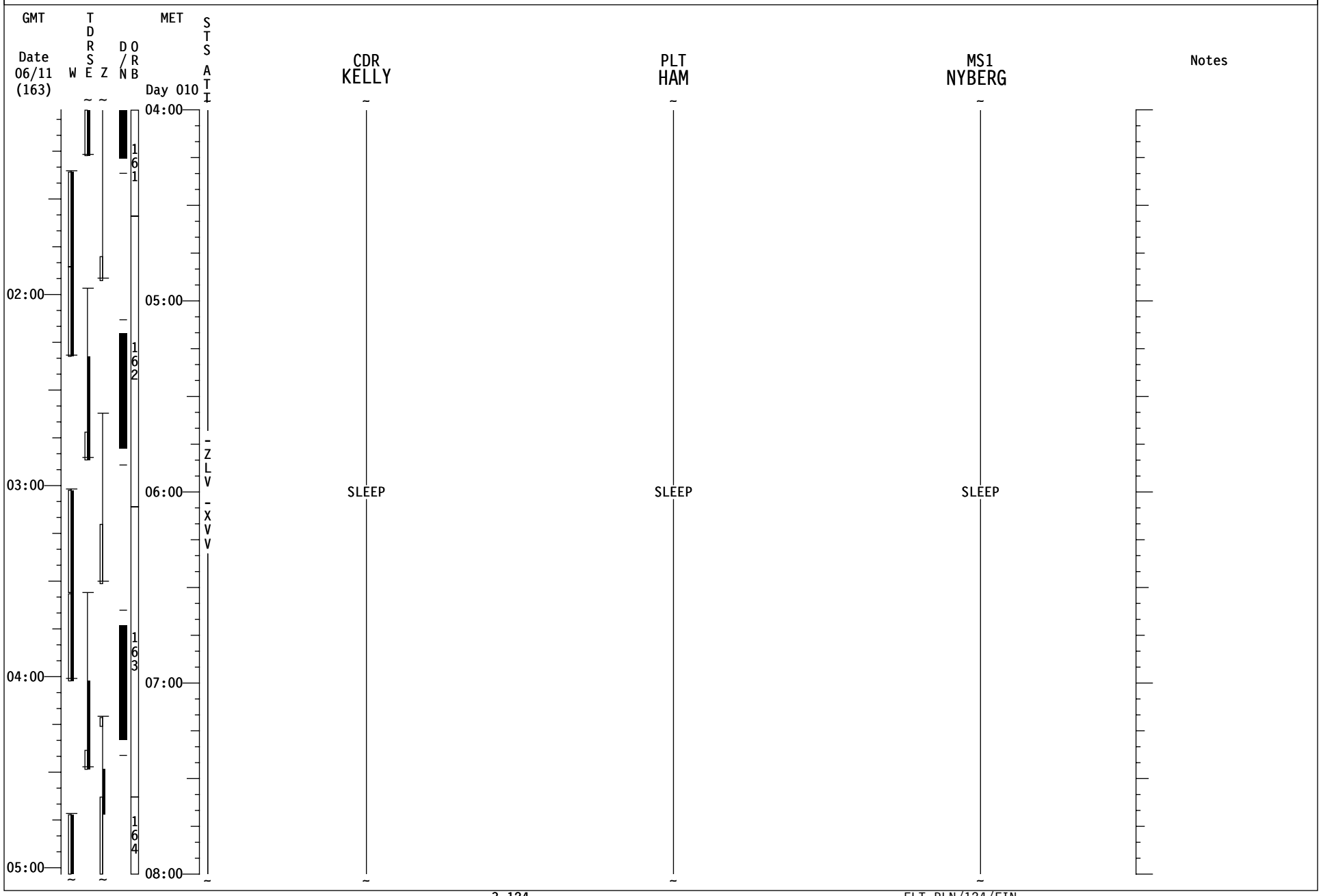
159
160
161
-ZLV-XVV
EXERCISE
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
SLEEP
EXER
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
SLEEP
PLAYBACK (DIGITAL) (PHOTO/TV, CUE CARD)
LDRI SURVEYS
KU TDRX (XX:XX-XX:XX)
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
SLEEP
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
SLEEP

STS-124 FD11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KELLY
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MS1
NYBERG
Notes
02:00
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161
162
163
164
-ZLV
-XVV
SLEEP
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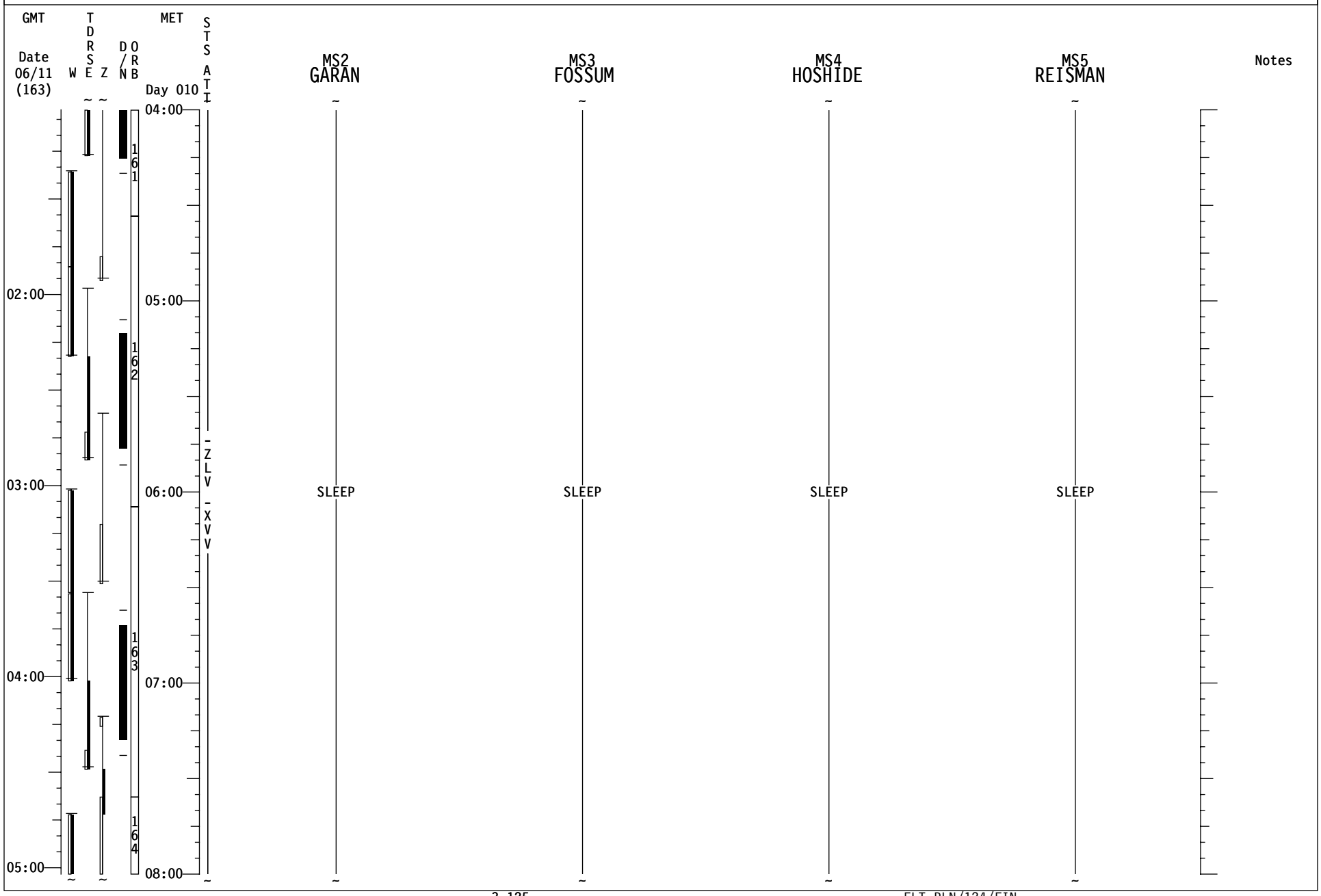
SLEEP

STS-124 FD11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FOSSUM
MS4
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MS5
REISMAN
Notes
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161
162
163
164
-ZLV-XVV
SLEEP
SLEEP
SLEEP
SLEEP

STS-124 FD11

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

CDR KELLY | PLT HAM | MS1 NYBERG | Notes

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

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

164 165 166

-ZLV -XVV

SLEEP

SLEEP

SLEEP

FD12 EZ ACTIVITES
√OCAC FILTER
HARD REBOOT ALL PGSCs EXCEPT:
STS-7(WLES),STS-6(RPOP2),&
OCA ROUTER.

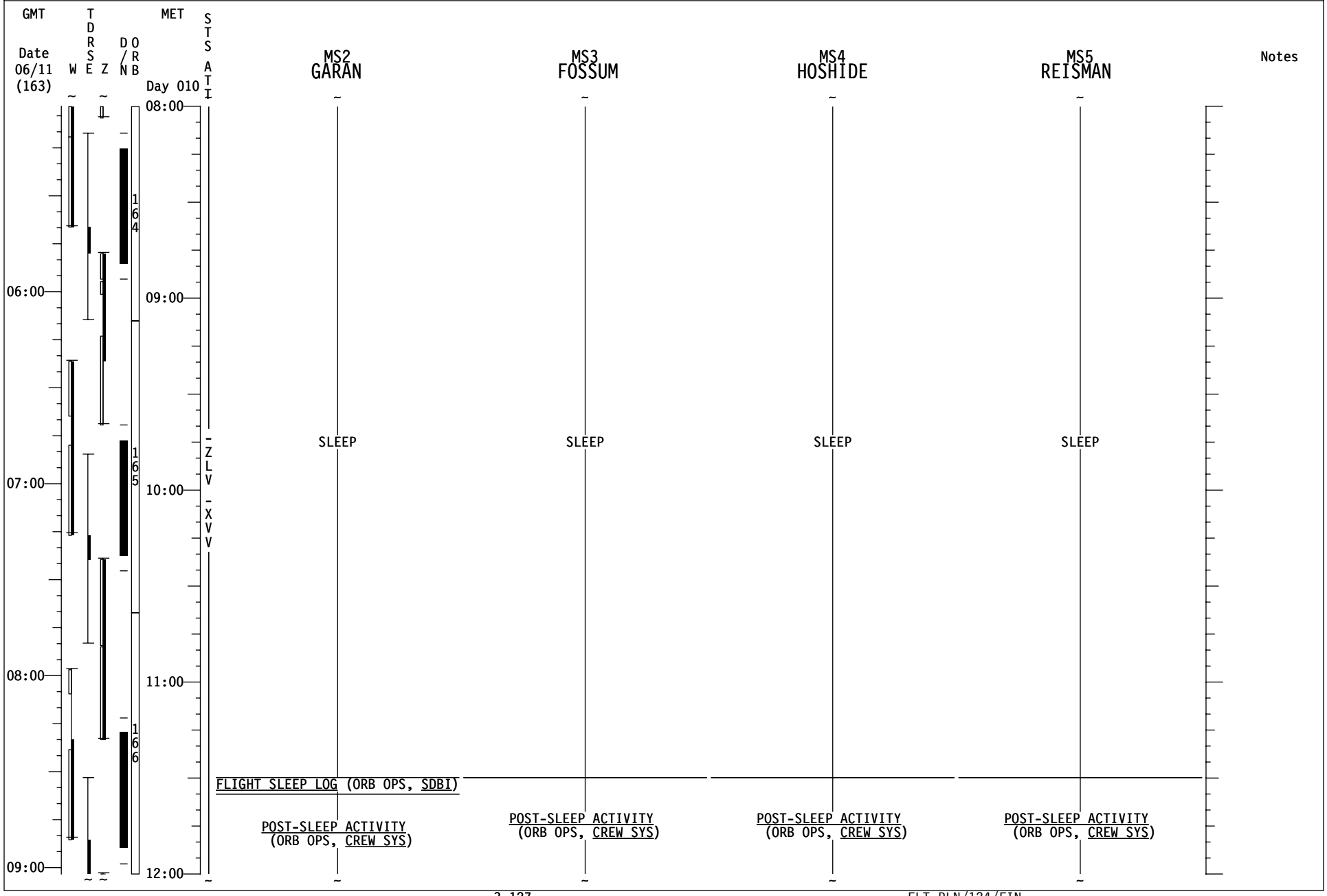
FLIGHT SLEEP LOG (ORB OPS, SDBI)

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

STS-124 FD11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FOSSUM
MS4
HOSHIDE
MS5
REISMAN
Notes
06:00
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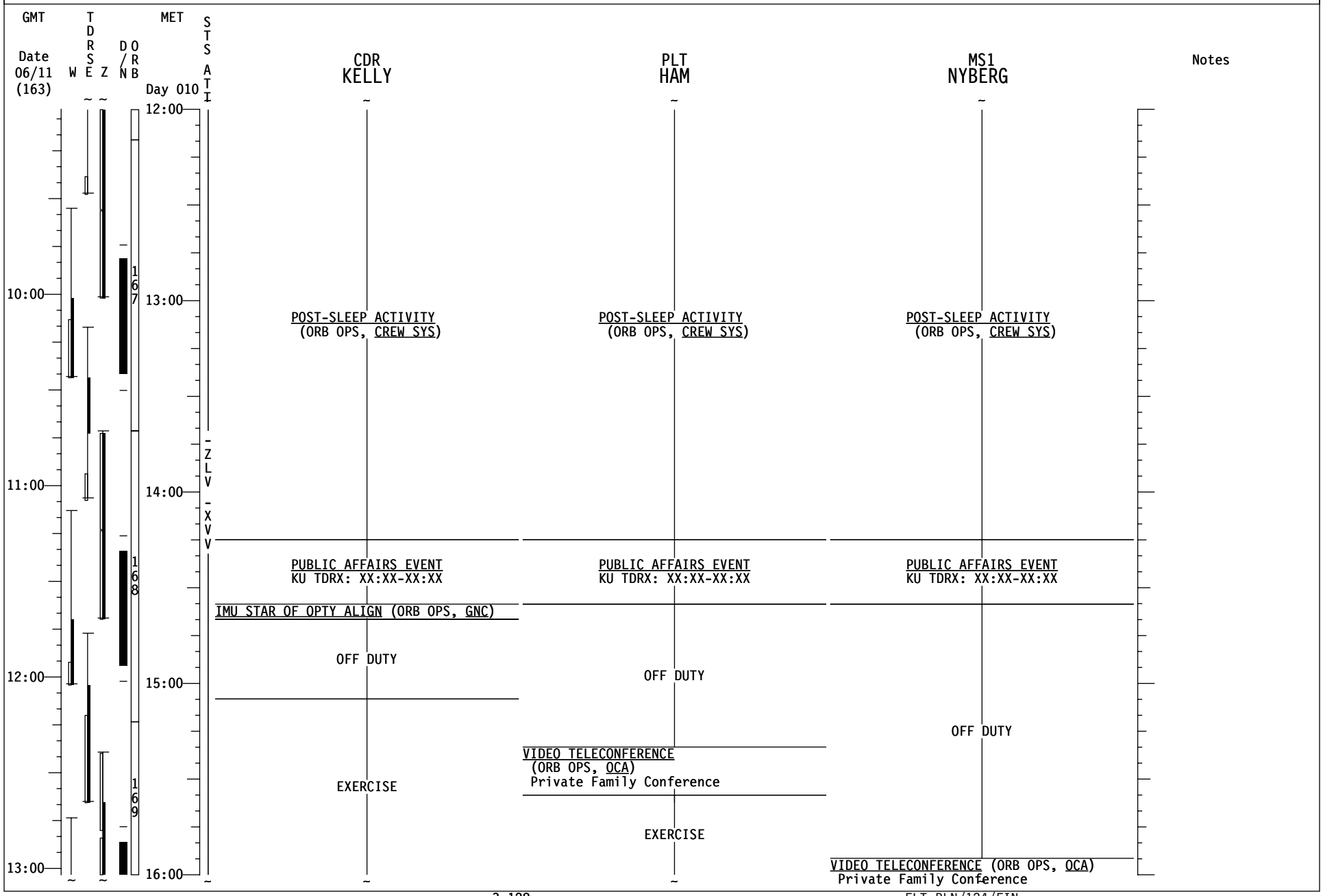
12:00
164
165
166
-ZLV-XVV
SLEEP
SLEEP
SLEEP
SLEEP
FLIGHT SLEEP LOG (ORB OPS, SDBI)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

STS-124 FD12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Day 010
STS ATI
CDR KELLY
PLT HAM
MS1 NYBERG
Notes
12:00
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11:00
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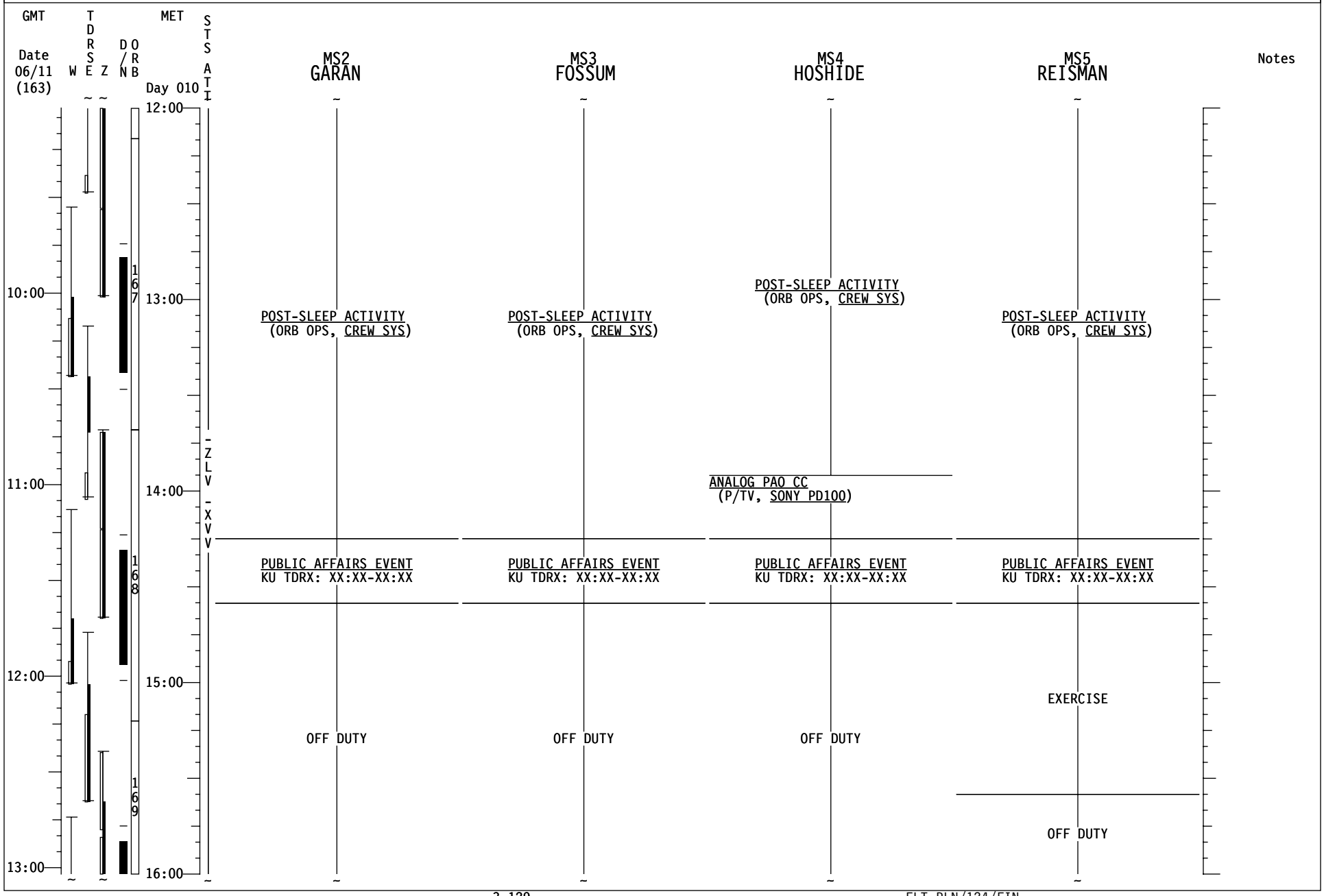
167
168
169
-ZLV -XVV
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
PUBLIC AFFAIRS EVENT KU TDRX: XX:XX-XX:XX
PUBLIC AFFAIRS EVENT KU TDRX: XX:XX-XX:XX
PUBLIC AFFAIRS EVENT KU TDRX: XX:XX-XX:XX
IMU STAR OF OPTY ALIGN (ORB OPS, GNC)
OFF DUTY
OFF DUTY
OFF DUTY
EXERCISE
VIDEO TELECONFERENCE (ORB OPS, OCA) Private Family Conference
EXERCISE
VIDEO TELECONFERENCE (ORB OPS, OCA) Private Family Conference

STS-124 FD12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MS4
HOSHIDE
MS5
REISMAN
Notes
10:00
11:00
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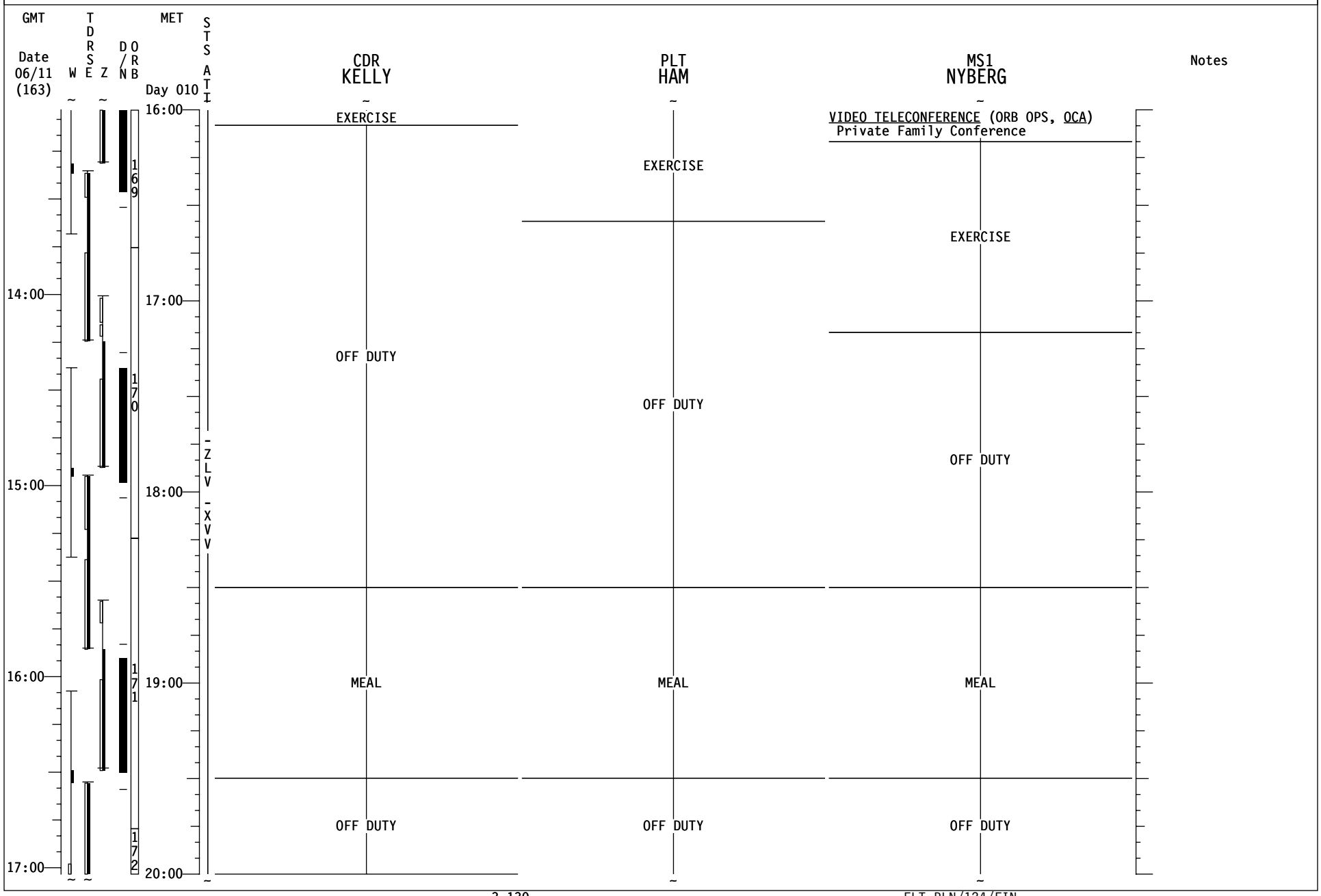
14:00
15:00
16:00
167
168
169
-ZLV-XVV
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
ANALOG PAO CC
(P/TV, SONY PD100)
PUBLIC AFFAIRS EVENT
KU TDRX: XX:XX-XX:XX
PUBLIC AFFAIRS EVENT
KU TDRX: XX:XX-XX:XX
PUBLIC AFFAIRS EVENT
KU TDRX: XX:XX-XX:XX
PUBLIC AFFAIRS EVENT
KU TDRX: XX:XX-XX:XX
OFF DUTY
OFF DUTY
OFF DUTY
EXERCISE
OFF DUTY

STS-124 FD12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(163)
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Day 010
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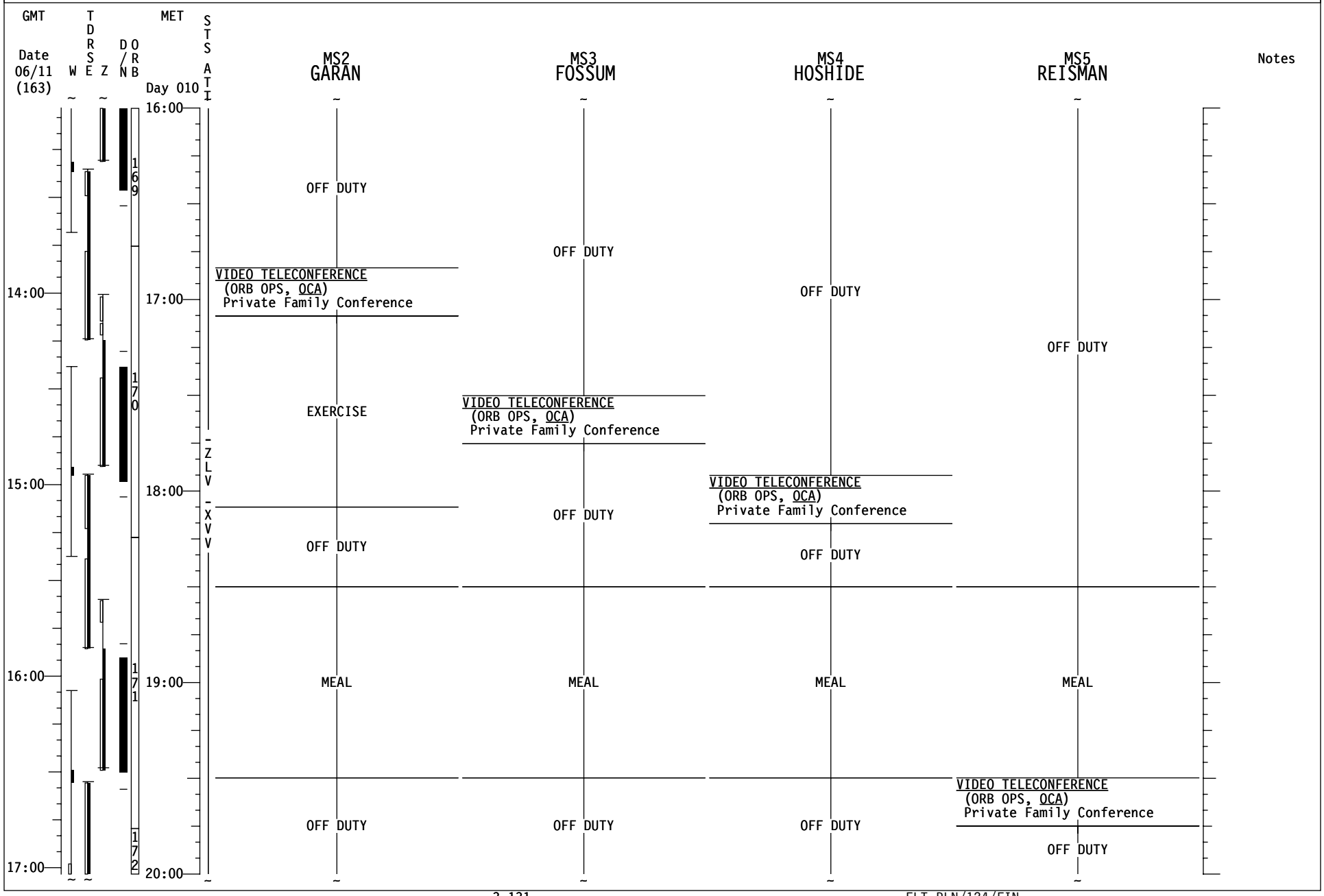
20:00
169
170
171
172
-ZLV
-XVV
CDR
KELLY
EXERCISE
OFF DUTY
MEAL
OFF DUTY
PLT
HAM
EXERCISE
OFF DUTY
MEAL
OFF DUTY
MS1
NYBERG
VIDEO TELECONFERENCE (ORB OPS, OCA)
Private Family Conference
EXERCISE
OFF DUTY
MEAL
OFF DUTY
Notes

STS-124 FD12


GMT
Date 06/11 (163)
W
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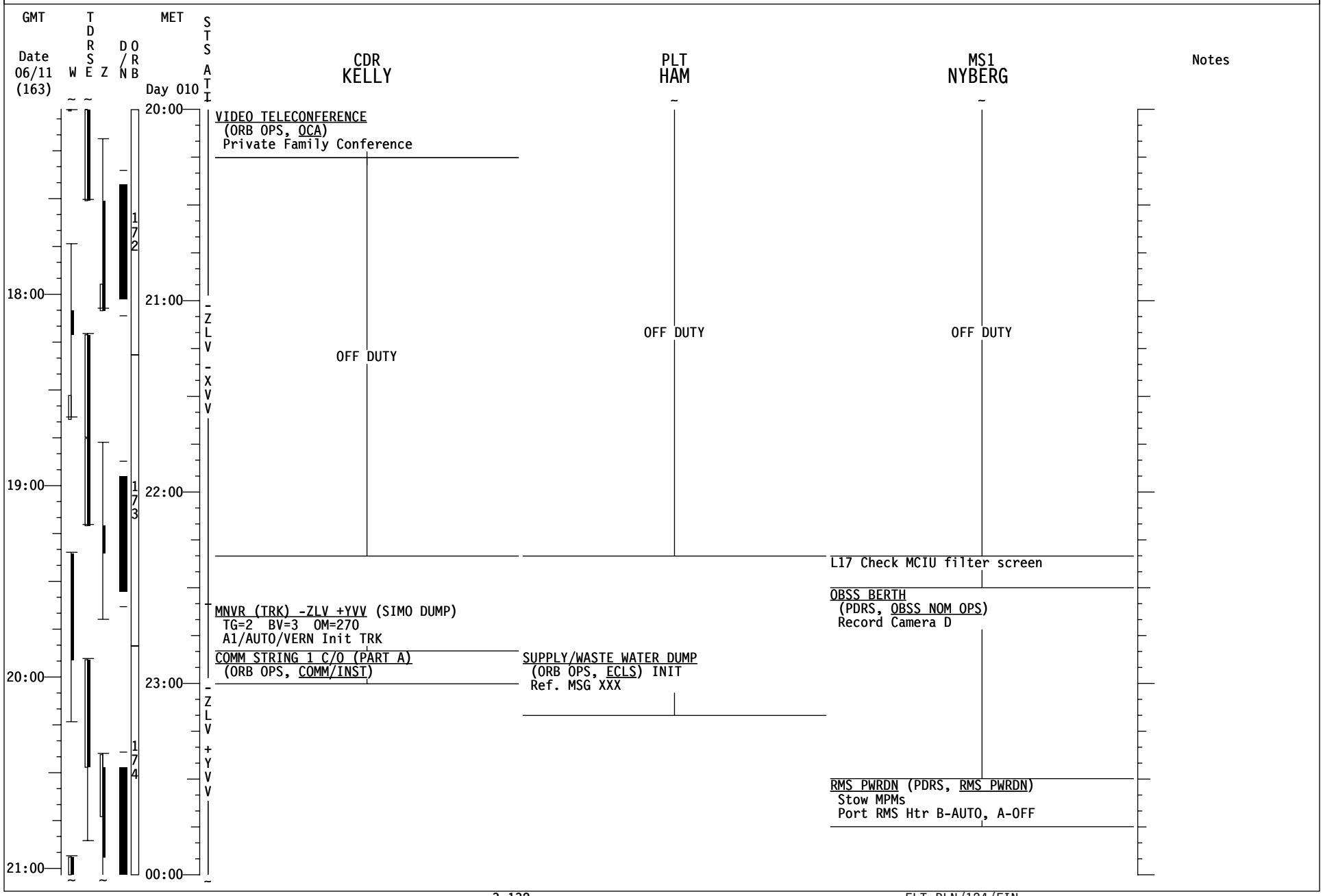
D / N
O R B
MET
Day 010
S T S A T I
MS2 GARAN
MS3 FOSSUM
MS4 HOSHIDE
MS5 REISMAN
Notes
16:00
17:00
18:00
19:00
20:00
14:00
15:00
16:00
17:00
169
170
171
172
-ZLV-XVV
OFF DUTY
VIDEO TELECONFERENCE
(ORB OPS, OCA)
Private Family Conference
EXERCISE
MEAL

STS-124 FD12


GMT
Date 06/11 (163)
W
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MET
Day 010
STS ATI
CDR KELLY
PLT HAM
MS1 NYBERG
Notes
18:00
19:00
20:00
21:00
20:00
21:00
22:00
23:00
00:00
172
173
174
-ZLV -XVV
-ZLV +YVV
VIDEO TELECONFERENCE
(ORB OPS, OCA)
Private Family Conference
OFF DUTY
OFF DUTY
OFF DUTY
L17 Check MCIU filter screen
OBSS BERTH
(PDRS, OBSS NOM OPS)
Record Camera D
MNVR (TRK) -ZLV +YVV (SIMO DUMP)
TG=2 BV=3 OM=270
A1/AUTO/VERN Init TRK
COMM STRING 1 C/O (PART A)
(ORB OPS, COMM/INST)
SUPPLY/WASTE WATER DUMP
(ORB OPS, ECLS) INIT
Ref. MSG XXX
RMS PWRDN (PDRS, RMS PWRDN)
Stow MPMs
Port RMS Htr B-AUTO, A-OFF

STS-124 FD12

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

MS2 GARAN | MS3 FOSSUM | MS4 HOSHIDE | MS5 REISMAN | Notes

18:00 | 19:00 | 20:00 | 21:00

20:00 | 21:00 | 22:00 | 23:00 | 00:00

172 | 173 | 174

-ZLV -XVV -ZLV +YVV

MS2 GARAN: OFF DUTY

MS3 FOSSUM: OFF DUTY; EXERCISE; OFF DUTY

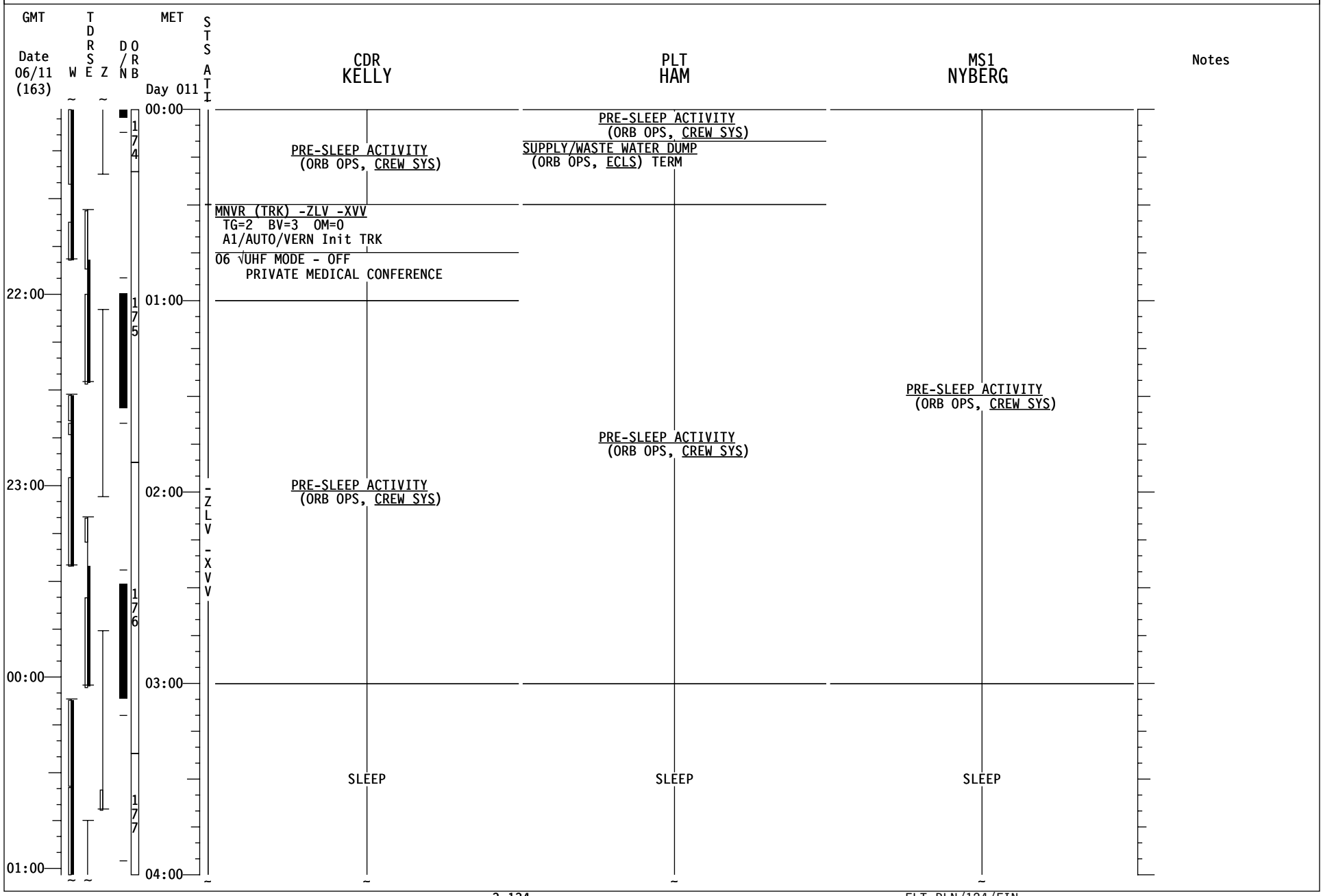
MS4 HOSHIDE: OFF DUTY; EXERCISE

MS5 REISMAN: OFF DUTY

OBSS BERTH
(PDRS, OBSS NOM OPS)
Record Camera D

RMS PWRDN (PDRS, RMS PWRDN)
Stow MPMs
Port RMS Htr B-AUTO, A-OFF

STS-124 FD12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Date 06/11 (163)
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Day 011
STS ATI
CDR KELLY
PLT HAM
MS1 NYBERG
Notes
00:00
01:00
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03:00
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22:00
23:00
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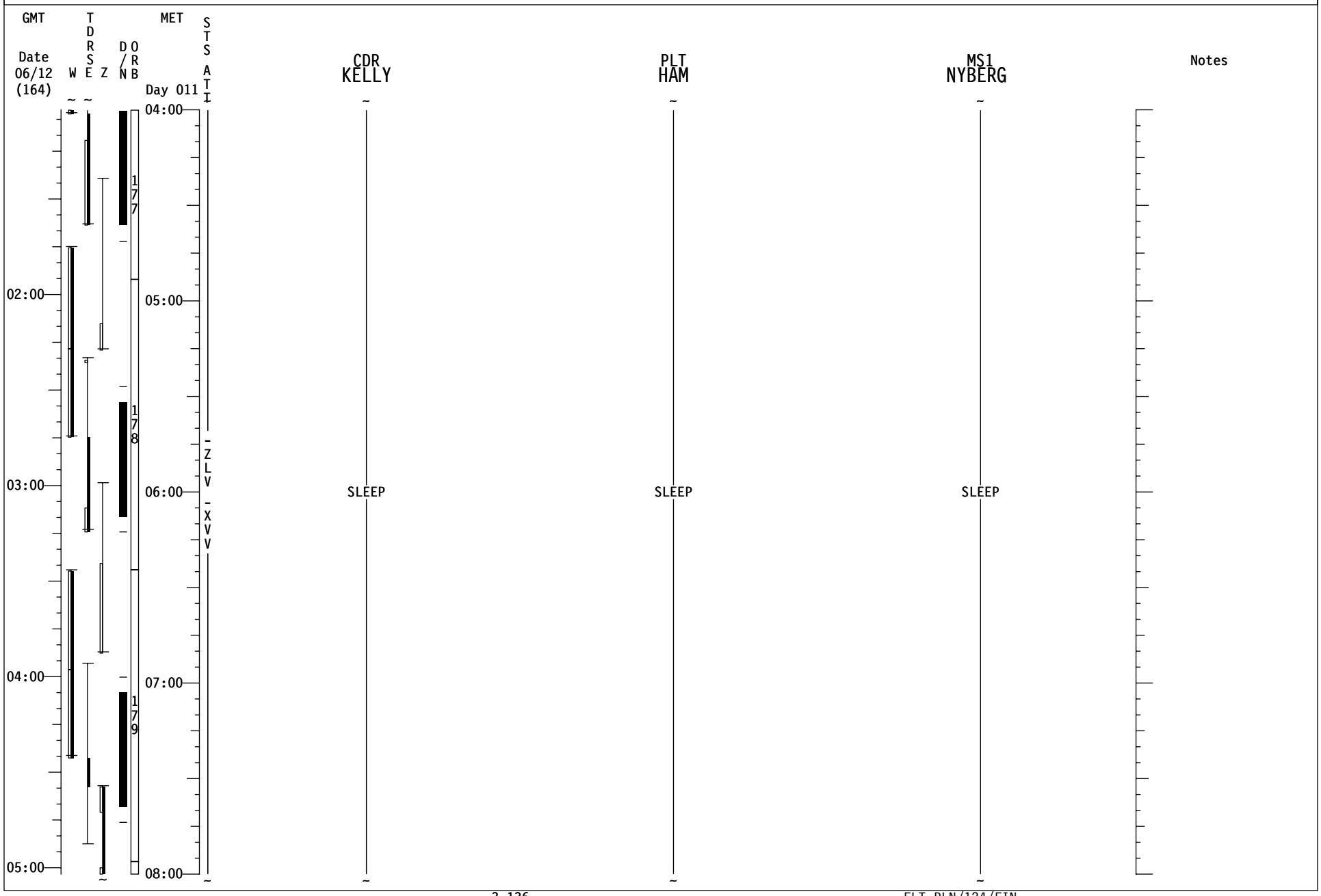
01:00
174
175
176
177
-ZLV -XVV
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
MNVR (TRK) -ZLV -XVV
TG=2 BV=3 OM=0
A1/AUTO/VERN Init TRK
06 √UHF MODE - OFF
PRIVATE MEDICAL CONFERENCE
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
SUPPLY/WASTE WATER DUMP (ORB OPS, ECLS) TERM
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
SLEEP
SLEEP
SLEEP

STS-124 FD12

GMT Date 06/11 (163)	W	T D R S E	Z	D / N	O R B	MET Day 011	STS ATI	MS2 GARAN	MS3 FOSSUM	MS4 HOSHIDE	MS5 REISMAN	Notes
22:00					174	00:00						
					175	01:00		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)	
23:00						02:00	-ZLV -XVV					
					176							
00:00						03:00						
					177			SLEEP	SLEEP	SLEEP	SLEEP	
01:00						04:00						

STS-124 FD12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MS1
NYBERG
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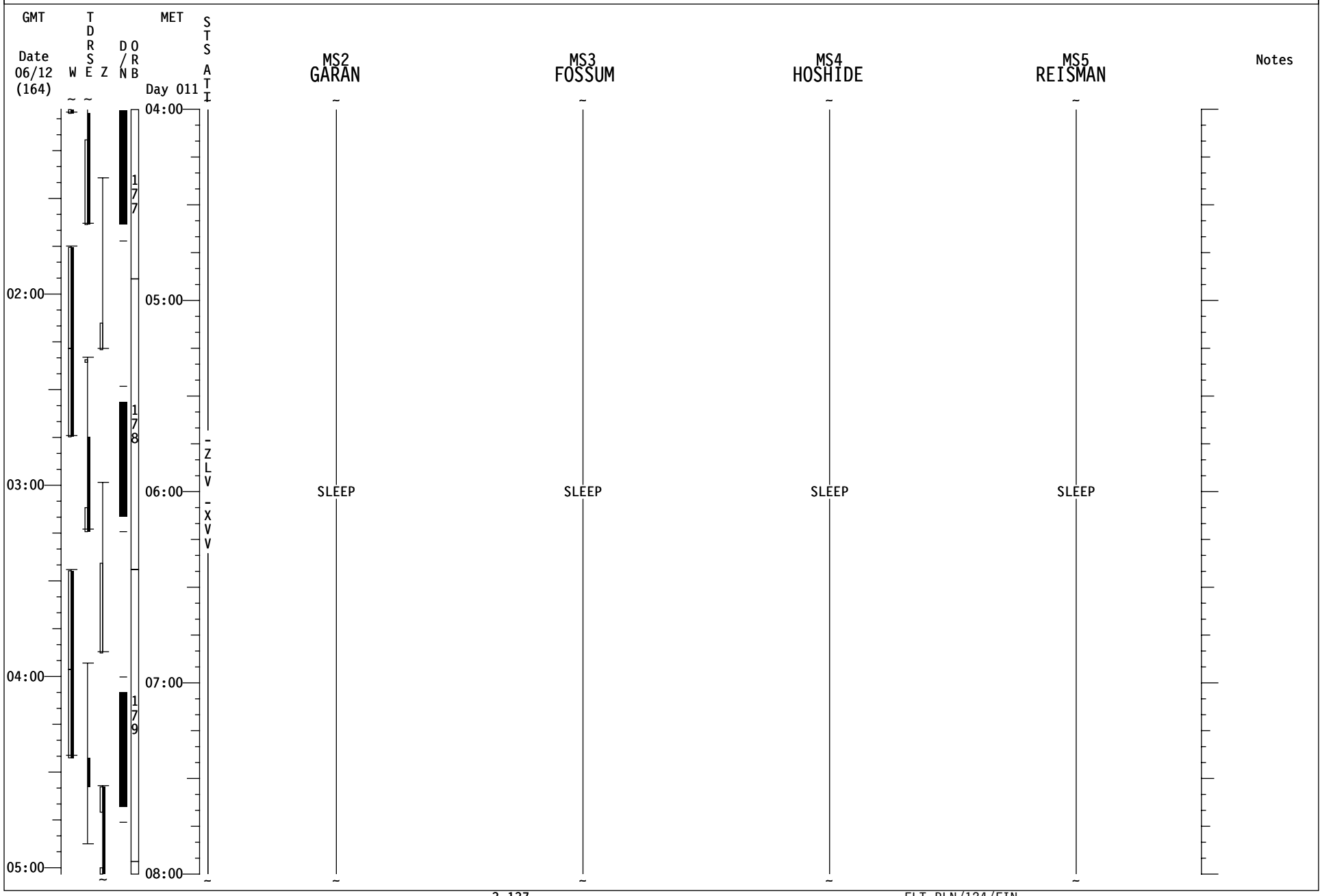
177
178
179
-ZLV
-XVV
SLEEP
SLEEP
SLEEP

STS-124 FD12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REISMAN
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02:00
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-XVV
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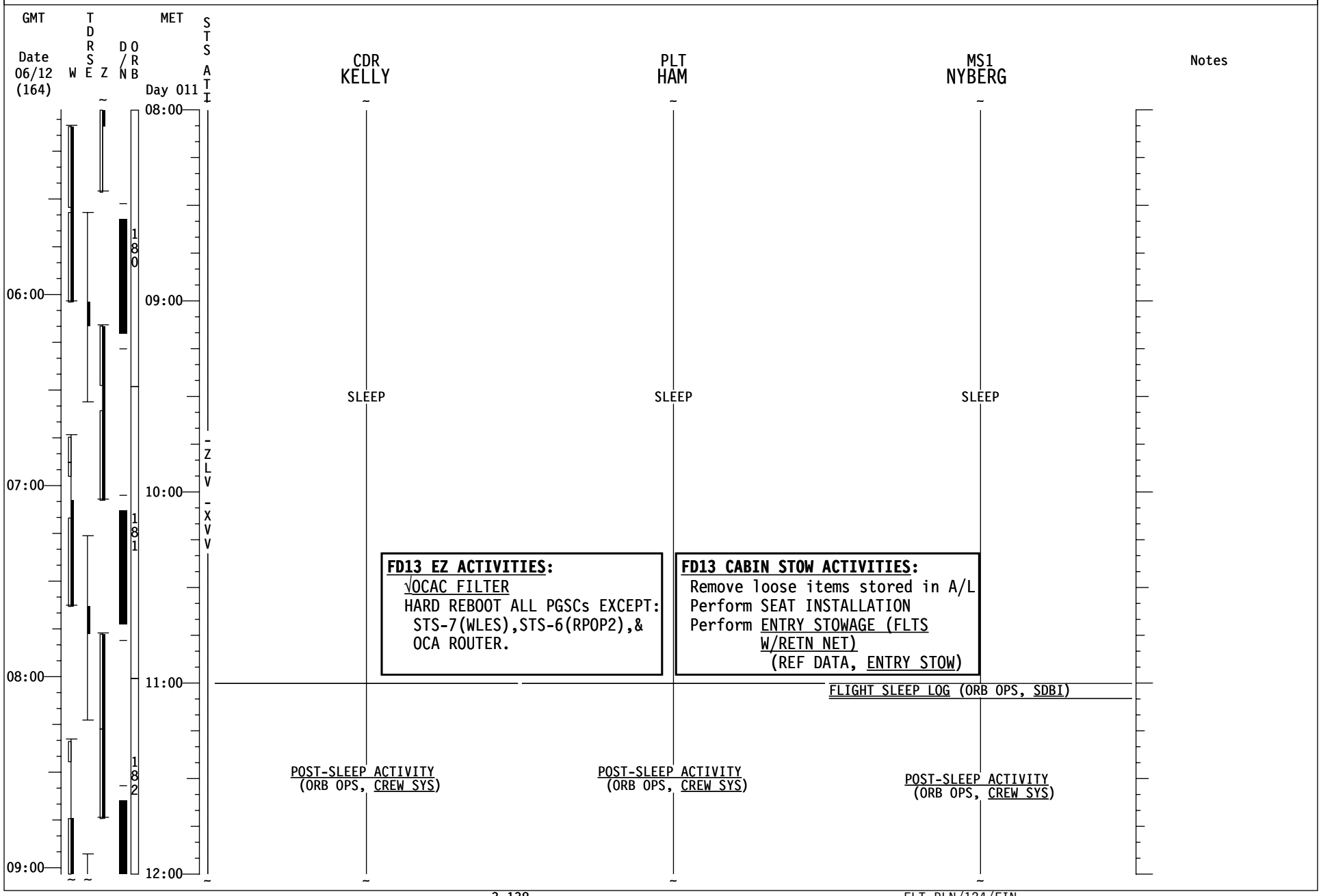
STS-124 FD13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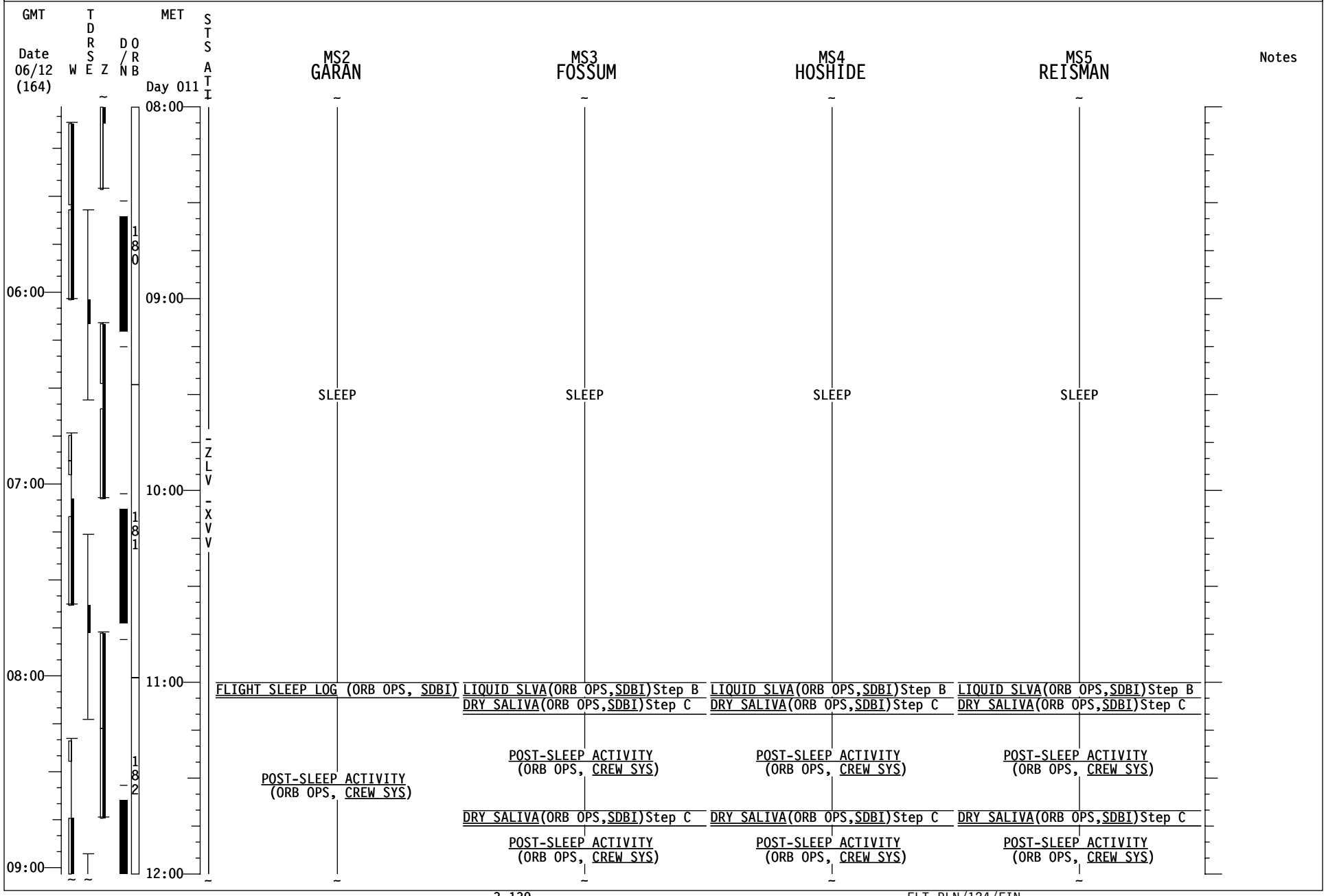
12:00
180
181
182
-ZLV-XVV
CDR KELLY
PLT HAM
MS1 NYBERG
Notes
SLEEP
SLEEP
SLEEP
FD13 EZ ACTIVITIES:
√OCAC FILTER
HARD REBOOT ALL PGSCs EXCEPT:
STS-7(WLES),STS-6(RPOP2),&
OCA ROUTER.
FD13 CABIN STOW ACTIVITIES:
Remove loose items stored in A/L
Perform SEAT INSTALLATION
Perform ENTRY STOWAGE (FLTS W/RETN NET)
(REF DATA, ENTRY STOW)
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 FD13


GMT
Date 06/12 (164)
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Day 011
S T S A T I
MS2 GARAN
MS3 FOSSUM
MS4 HOSHIDE
MS5 REISMAN
Notes
08:00
09:00
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07:00
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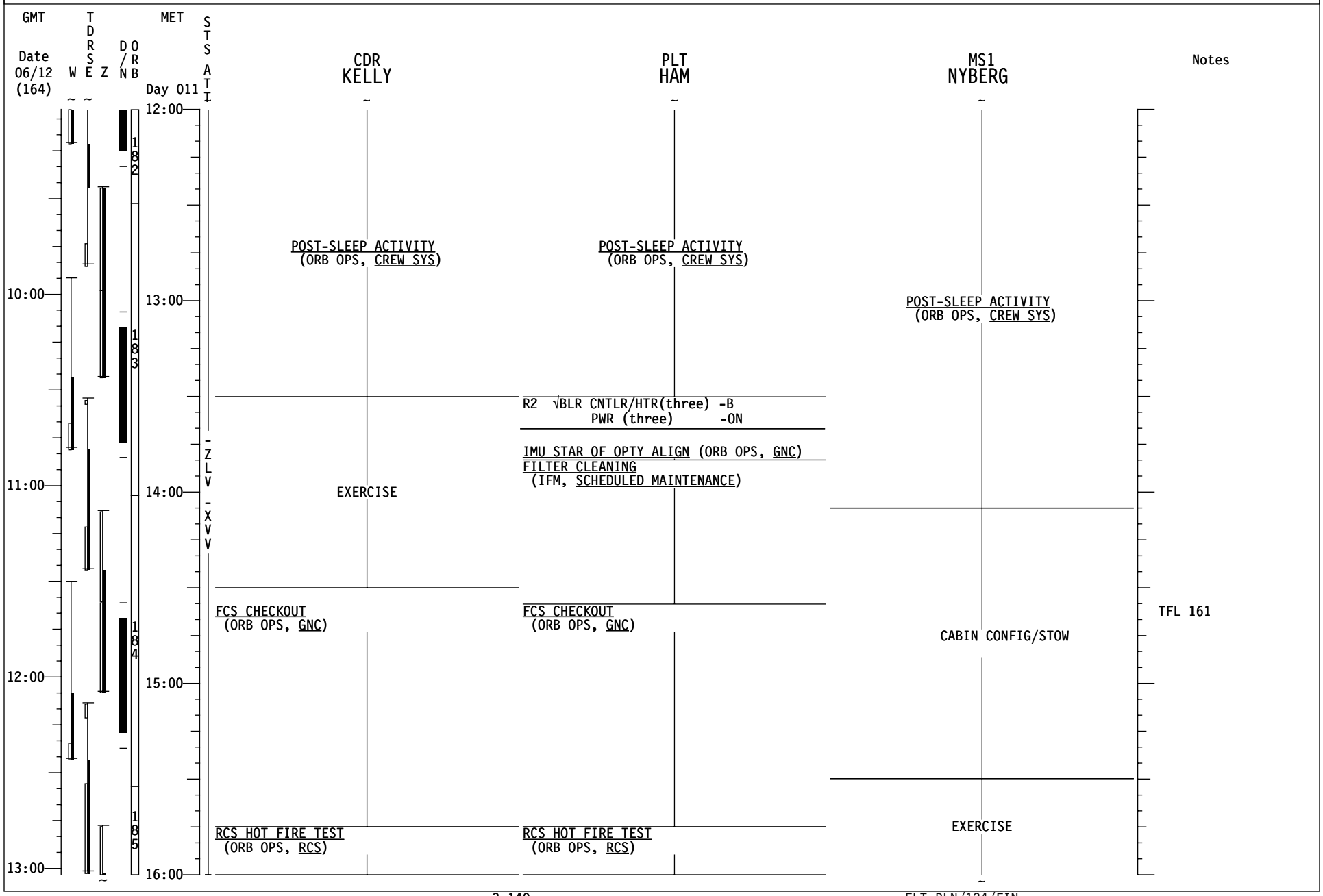
09:00
180
181
182
-ZLV-XVV
SLEEP
SLEEP
SLEEP
SLEEP
FLIGHT SLEEP LOG (ORB OPS, SDBI)
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
LIQUID SLVA(ORB OPS,SDBI)Step B
DRY SALIVA(ORB OPS,SDBI)Step C
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
DRY SALIVA(ORB OPS,SDBI)Step C
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
LIQUID SLVA(ORB OPS,SDBI)Step B
DRY SALIVA(ORB OPS,SDBI)Step C
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
DRY SALIVA(ORB OPS,SDBI)Step C
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
LIQUID SLVA(ORB OPS,SDBI)Step B
DRY SALIVA(ORB OPS,SDBI)Step C
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
DRY SALIVA(ORB OPS,SDBI)Step C
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

STS-124 FD13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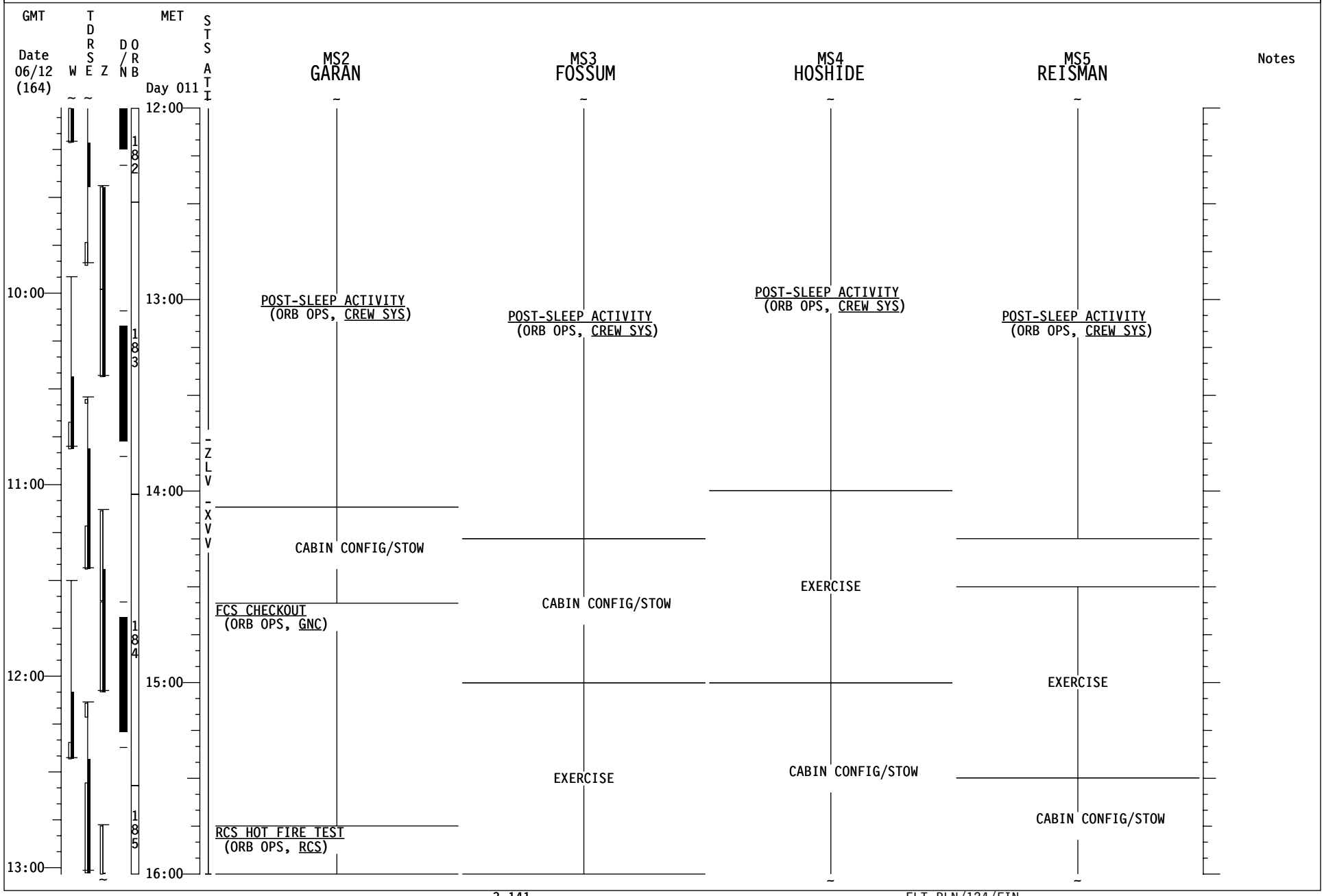
Day 011
STS ATI
CDR KELLY
PLT HAM
MS1 NYBERG
Notes
12:00
13:00
14:00
15:00
16:00
10:00
11:00
12:00
13:00
182
183
184
185
-ZLV -XVV
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)
R2 √BLR CNTLR/HTR(three) -B
PWR (three) -ON
IMU STAR OF OPTY ALIGN (ORB OPS, GNC)
FILTER CLEANING (IFM, SCHEDULED MAINTENANCE)
EXERCISE
FCS CHECKOUT (ORB OPS, GNC)
FCS CHECKOUT (ORB OPS, GNC)
CABIN CONFIG/STOW
TFL 161
RCS HOT FIRE TEST (ORB OPS, RCS)
RCS HOT FIRE TEST (ORB OPS, RCS)
EXERCISE

STS-124 FD13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MS4
HOSHIDE
MS5
REISMAN
Notes
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14:00
15:00
16:00
182
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-ZLV
-XVV
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
CABIN CONFIG/STOW
FCS CHECKOUT
(ORB OPS, GNC)
RCS HOT FIRE TEST
(ORB OPS, RCS)
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
CABIN CONFIG/STOW
EXERCISE
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
EXERCISE
CABIN CONFIG/STOW
POST-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
EXERCISE
CABIN CONFIG/STOW

STS-124 FD13

GMT Date 06/12 (164) | W | TDRSE | Z | D/N | ORB | MET Day 011 | STS ATT | CDR KELLY | PLT HAM | MS1 NYBERG | Notes

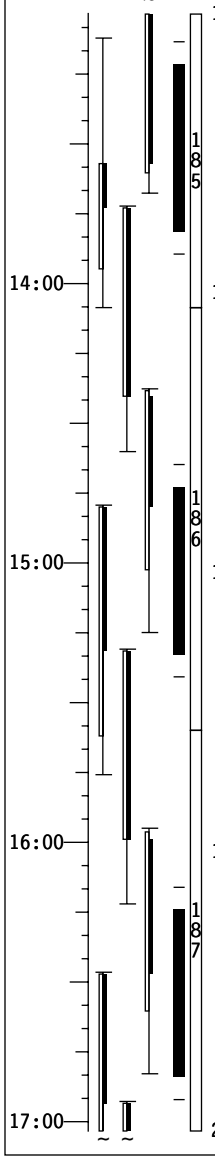
MET	STS ATT	CDR KELLY	PLT HAM	MS1 NYBERG	Notes
16:00	OA	ON-ORBIT OMS BURN (ORB OPS, OMS)	ON-ORBIT OMS BURN (ORB OPS, OMS)	EXERCISE	UPDATE ORBITAL MNVR PAD
		< OA TIG (16:24)			
		MNVR (TRK) +ZLV +YVV TG=2 BV=5 P=270 Y=0 OM=270 A1/AUTO/VERN Init TRK	CWC OVERBOARD DUMP (ORB OPS, ECLS)Dump S/N XXXX Ref. MSG XXX		
		SPLY H2O DUMP W/FES (ORB OPS, ECLS) Step 1 using FES Pri B			
17:00		PILOT WITH RHC (ORB OPS, PGSC)	PILOT WITH RHC (ORB OPS, PGSC)	CABIN CONFIG/STOW	
			CWC OVERBOARD DUMP (ORB OPS, ECLS) Terminate Condensate Dump		
18:00	+ZLV +YVV	DEORBIT PREP BRIEFING	DEORBIT PREP BRIEFING	DEORBIT PREP BRIEFING	
		LANDING-1 COMM C/O(ORB OPS, COMM/INST)		SDBI 1900, INTEGRATED IMMUNE BLOOD CLCT (ORB OPS, SDBI) Perform SETUP FOR BLOOD SAMPLE CLCT	
19:00		MEAL	MEAL	MEAL	
20:00		SUPPLY H2O DUMP-FES(ORB OPS,ECLS)Step 2	CWC OVERBOARD DUMP (ORB OPS, ECLS)Dump S/N XXXX Ref. MSG XXX	SDBI 1900, INTEGRATED IMMUNE BLOOD CLCT (ORB OPS, SDBI) Perform BLOOD SAMPLE COLLECTION (OPR)	

Time scale: 14:00, 15:00, 16:00, 17:00

Z: 185, 186, 187

STS-124 FD13

GMT Date 06/12 (164) | W | TDRSE | Z | D/N | ORB | MET Day 011 | STS ATT | MS2 GARAN | MS3 FOSSUM | MS4 HOSHIDE | MS5 REISMAN | Notes



MET	STS ATT	MS2 GARAN	MS3 FOSSUM	MS4 HOSHIDE	MS5 REISMAN
16:00	OA		ENTRY VIDEO SETUP (P/TV, REF PROC)		
		EXERCISE	CABIN CONFIG/STOW	CABIN CONFIG/STOW	CABIN CONFIG/STOW
17:00		PILOT WITH RHC (ORB OPS, PGSC)	DRY SALIVA(ORB OPS,SDBI)Step C	DRY SALIVA(ORB OPS,SDBI)Step C	DRY SALIVA(ORB OPS,SDBI)Step C
			CABIN CONFIG/STOW	CABIN CONFIG/STOW	CABIN CONFIG/STOW
				ANALOG PAO CC (P/TV, SONY PD100)	
18:00	+ZLV +YVV	DEORBIT PREP BRIEFING	DEORBIT PREP BRIEFING	DEORBIT PREP BRIEFING	DEORBIT PREP BRIEFING
19:00		MEAL	MEAL	MEAL	MEAL
20:00		DEACTIVATION AND TEARDOWN (ORB OPS, WLE SENSORS)	CABIN CONFIG/STOW	SSV DEACTIVATION (PHOTO/TV, SSV)	SDBI 1900, INTEGRATED IMMUNE BLOOD CLCT (ORB OPS, SDBI) Perform BLOOD SAMPLE CLCT(SUBJ)

STS-124 FD13

GMT Date 06/12 (164) | W | TDRS E | Z | D/N | ORB | MET Day 011 | STS ATI

CDR KELLY

20:00 — LANDING-1 COMM C/O (ORB OPS, COMM/INST)

CABIN CONFIG/STOW

21:00 — C3 MASTER MADS POWER - ON
A6L MADS STRAIN GAGE - ON
CYCLE ERGOMETER OPS (ORB OPS, CREW SYS) Perform RECONFIG/STOW

+ZLV +YVV

PUBLIC AFFAIRS EVENT
KU TDRX: XX:XX-XX:XX

22:00 — CABIN CONFIG/STOW

23:00 — MNVR (TRK) -ZLV -XVV
TG=2 BV=3 OM=0
A1/AUTO/VERN Init TRK

-ZLV -XVV

LANDING-1 COMM C/O (ORB OPS, COMM/INST)

00:00 — PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

PLT HAM

CWC OVERBOARD DUMP (ORB OPS, ECLS) Dump S/N XXXX
Ref. MSG XXX

EXERCISE

CWC OVERBOARD DUMP (ORB OPS, ECLS)
Terminate Condensate Dump

CWC OVERBOARD DUMP (ORB OPS, ECLS) Dump S/N XXXX
Ref. MSG XXX

PUBLIC AFFAIRS EVENT
KU TDRX: XX:XX-XX:XX

CABIN CONFIG/STOW

A ENTRY COOLING CONFIG PRIOR TO PRESLEEP
R12 √VPU PWR - OFF (LED off)
Minimize use of P/TV Equipment
Dim cabin lighting 25%

CWC OVERBOARD DUMP (ORB OPS, ECLS)
Terminate Condensate Dump

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

ENTRY COOL CONFIG A

GAP TERMINATION (ASSY OPS, PAYLOADS)
Terminate GAP 8

PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

MS1 NYBERG

SDBI 1900, INTEGRATED IMMUNE BLOOD CLCT (ORB OPS, SDBI)
Perform BLOOD SAMPLE COLLECTION (OPR)

SDBI 1900, INTEGRATED IMMUNE BLOOD CLCT (ORB OPS, SDBI)
Perform BLOOD SAMPLE COLLECTION (OPR)

SDBI 1900, INTEGRATED IMMUNE BLOOD CLCT (ORB OPS, SDBI)
Perform BLOOD SAMPLE COLLECTION (OPR)

SDBI 1900, INTEGRATED IMMUNE BLOOD CLCT (ORB OPS, SDBI) Perform STOW HARDWARE

CABIN CONFIG/STOW

PUBLIC AFFAIRS EVENT
KU TDRX: XX:XX-XX:XX

CABIN CONFIG/STOW

KU-BD ANT STOW (ORB OPS, COMM/INST)
Deact CCTV; Do not perform MFX ACT

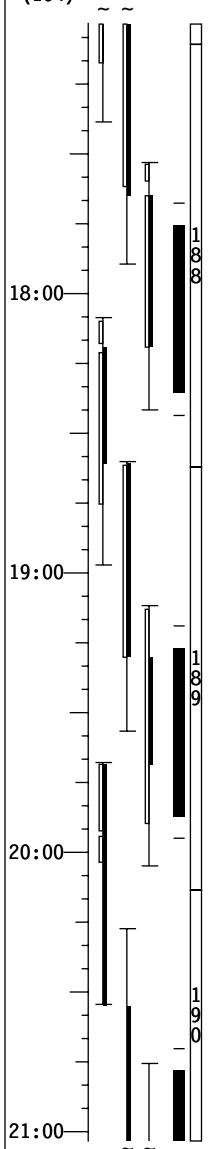
PGSC DEACT (ORB OPS, PGSC)
Stow all STS PGSCs except for WinDecom

PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

Notes

STS-124 FD13

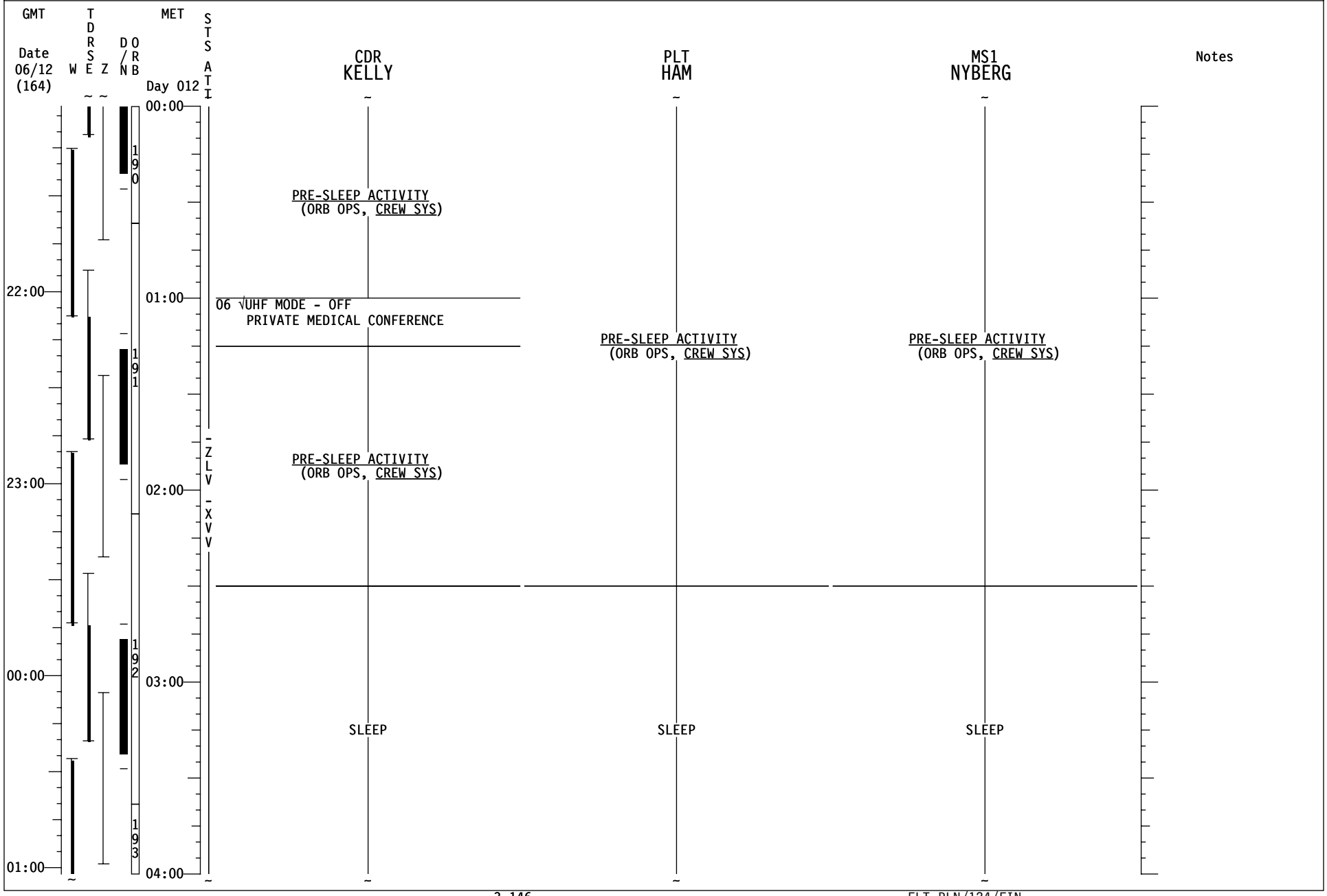
GMT Date 06/12 (164) | W | TDRSE | Z | D/N | ORB | MET Day 011 | STS ATI



MET	MS2 GARAN	MS3 FOSSUM	MS4 HOSHIDE	MS5 REISMAN	Notes
20:00	DEACTIVATION AND TEARDOWN (ORB OPS, WLE SENSORS)	CABIN CONFIG/STOW	SSV DEACTIVATION (PHOTO/TV, SSV)	SDBI 1900, INTEGRATED IMMUNE BLOOD CLCT (ORB OPS, SDBI) Perform BLOOD SAMPLE CLCT(SUBJ)	
			SDBI 1900, INTEGRATED IMMUNE BLOOD CLCT (ORB OPS, SDBI) Perform BLOOD SAMPLE CLCT (SUBJ)		
	CABIN CONFIG/STOW	SDBI 1900, INTEGRATED IMMUNE BLOOD CLCT (ORB OPS, SDBI) Perform BLOOD SAMPLE CLCT (SUBJ)	CABIN CONFIG/STOW	CABIN CONFIG/STOW	
21:00		DRY SALIVA(ORB OPS,SDBI)Step C	DRY SALIVA(ORB OPS,SDBI)Step C	DRY SALIVA(ORB OPS,SDBI)Step C	
		CYCLE ERGOMETER OPS (ORB OPS, CREW SYS) Perform RECONFIG/STOW	CABIN CONFIG/STOW	CABIN CONFIG/STOW	
	PUBLIC AFFAIRS EVENT KU TDRX: XX:XX-XX:XX	PUBLIC AFFAIRS EVENT KU TDRX: XX:XX-XX:XX	PUBLIC AFFAIRS EVENT KU TDRX: XX:XX-XX:XX	PUBLIC AFFAIRS EVENT KU TDRX: XX:XX-XX:XX	
22:00			RECUMBENT SEAT KIT ATTACH (ORB OPS, RSK ATTACHMENT)	RECUMBENT SEAT KIT ATTACH (ORB OPS, RSK ATTACHMENT)	
	CABIN CONFIG/STOW	CABIN CONFIG/STOW			
23:00	KU-BD ANT STOW (ORB OPS, COMM/INST) Deact CCTV; Do not perform MFX ACT		LAUNCH ENTRY SUIT CHECK Verify Fit	LAUNCH ENTRY SUIT CHECK Verify Fit	
	CABIN CONFIG/STOW				
00:00	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)	

+ZLV +YVV -ZLV -XVV

STS-124 FD13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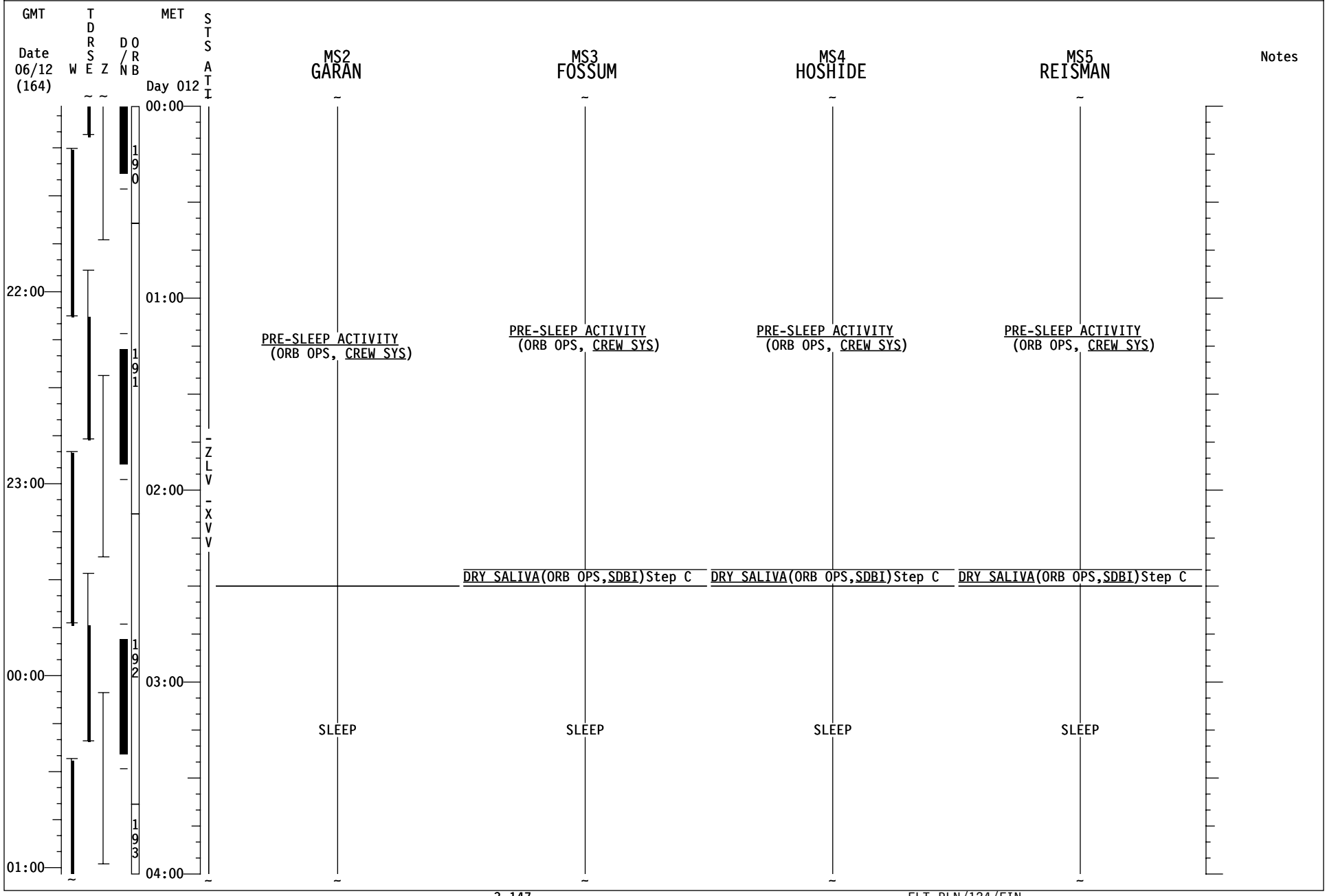
193
-ZLV
-XVV
CDR
KELLY
PLT
HAM
MS1
NYBERG
Notes
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
06 √UHF MODE - OFF
PRIVATE MEDICAL CONFERENCE
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)
SLEEP
SLEEP
SLEEP

STS-124 FD13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S T S A T I
MS2 GARAN
MS3 FOSSUM
MS4 HOSHIDE
MS5 REISMAN
Notes
00:00
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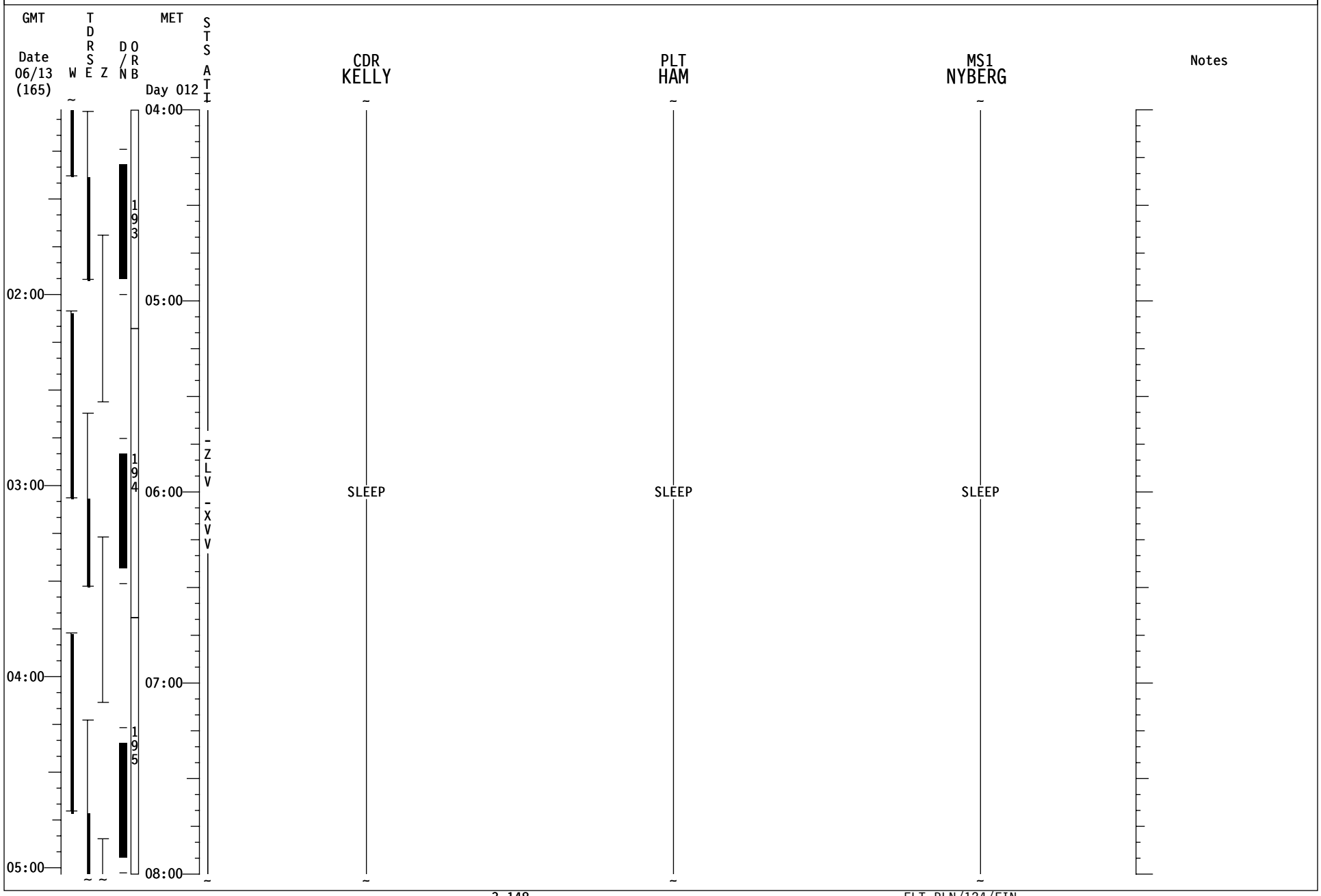
193
-ZLV-XVV
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
DRY SALIVA(ORB OPS,SDBI)Step C
DRY SALIVA(ORB OPS,SDBI)Step C
DRY SALIVA(ORB OPS,SDBI)Step C
SLEEP
SLEEP
SLEEP
SLEEP

STS-124 FD13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-ZLV
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SLEEP
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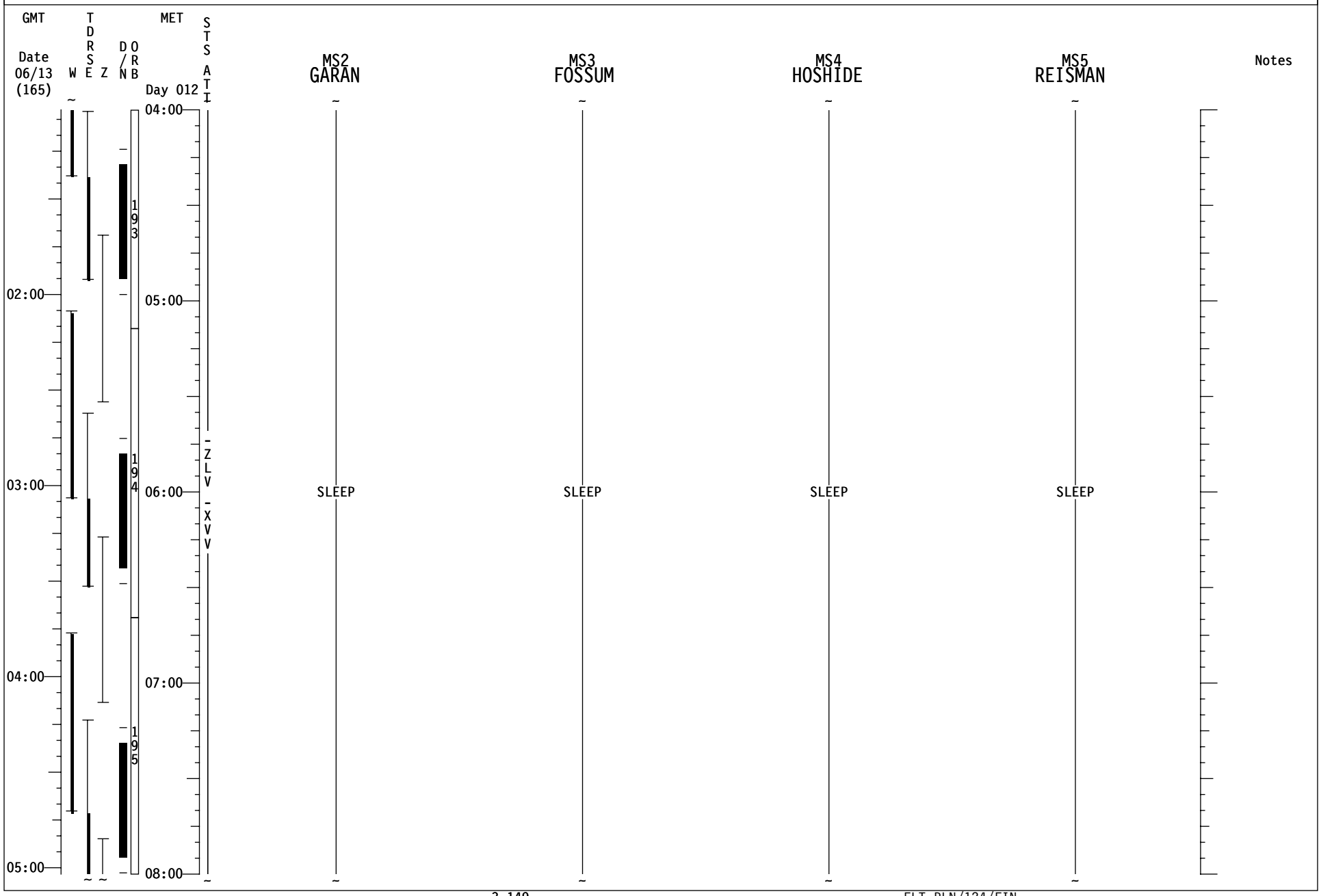
STS-124 FD13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GARAN
MS3
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MS4
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MS5
REISMAN
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195
-ZLV
-XVV
SLEEP
SLEEP
SLEEP
SLEEP

STS-124 FD14

GMT Date 06/13 (165) | W | TDRSE | Z | D/N | ORB | MET Day 012 | STS ATI

CDR KELLY | PLT HAM | MS1 NYBERG | Notes

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

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

196 197 198

SLEEP (CDR KELLY)

SLEEP (PLT HAM)

SLEEP (MS1 NYBERG)

-ZLV -XVV

FD14 EZ ACTIVITIES BEFORE LEAVING
FLIGHT PLAN:
√OCAC FILTER
FLUID LOADING PREP
Fill drink containers per MCC
Stow CSA-CP

FLIGHT SLEEP LOG (ORB OPS, SDBI)

UPLINK
AUTO FC
PURGE

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

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

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) (MS1 NYBERG)

06 √UHF MODE - OFF
PRIVATE MEDICAL CONFERENCE

STS-124 FD14

GMT Date 06/13 (165)	W	TDRS E	Z	D/N	ORB	MET Day 012	STS ATI	MS2 GARAN	MS3 FOSSUM	MS4 HOSHIDE	MS5 REISMAN	Notes
06:00					196	09:00	-ZLV-XVV	SLEEP	SLEEP	SLEEP	SLEEP	
07:00					197	10:00		FLIGHT SLEEP LOG (ORB OPS, SDBI)				
08:00					198	11:00		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)	
09:00						12:00						

STS-124 FD14

GMT Date 06/13 (165) | W | TDRSE | Z | D/N | ORB | MET Day 012 | STS ATI | CDR KELLY | PLT HAM | MS1 NYBERG | Notes

12:00 – 13:00 – 14:00 – 15:00 – 16:00

10:00 – 11:00 – 12:00 – 13:00

198 – 199 – 200 – 201

-ZLV -XVV

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

PRIORITY PWRDN GRP B(ORB PKT, PRI PWRDN)
Steps 12,10,9,7,6,& 5
(Step 12:Recover IMU 3; Step 6:Dual G2)

MNVR IMU STAR ALIGN ATT A (pg 3-154)
A1/AUTO/VERN Init MNVR (12/13:20)
IMU ALIGN - S TRK (ORB OPS, GNC)
MNVR IMU VERIF ATT B (pg 3-154)
A1/AUTO/VERN Init MNVR
IMU ALIGN - S TRK (ORB OPS, GNC)Step 5

MNVR (TRK) -XSI ATT
TG=4 BV=5 P=184 Y=0 OM=90
A1/AUTO/VERN (12/13:50) Init TRK

IMU

-XSI

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

PRIORITY PWRDN GRP B(ORB PKT, PRI PWRDN)
Steps 12,10,9,7,6,& 5
(Step 12:Recover IMU 3; Step 6:Dual G2)

AIR SAMPLE; Rcd MET and location on bottle

GIRA STOWAGE (ORB OPS, ECLS)

POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

A6L MADS STRAIN GAGE - PCM ENA

OCAC STOWAGE (ORB OPS, CREW SYS)

DOFFING ACTIWATCH (ORB OPS, SDBI)

GO TO DEORBIT PREP @ 12/14:05

STS-124 FD14

GMT Date 06/13 (165) | W | TDRS E | Z | D/N | ORB 198 199 200 201 | MET Day 012 | STS ATI -ZLV -XVV IMU -XSI

MS2 GARAN	MS3 FOSSUM	MS4 HOSHIDE	MS5 REISMAN	Notes
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)	
PGSC DEACT (ORB OPS, PGSC)	FORMALDEHYDE MONITOR KIT (ORB OPS, CREW SYS) Perform Steps 7-11		SALIVA STOW (ORB OPS, SDBI)	
COLOR PRINTER STOW (ORB OPS, PGSC)				
DOFFING ACTIWATCH (ORB OPS, SDBI)			DOFFING ACTIWATCH (ORB OPS, SDBI)	

GO TO DEORBIT PREP @ 12/14:05

A IMU STAR ALIGN PAD

ID: -Y: 53, MENKENT
MET (12/13:14 TO 12/13:58)

-Z: 22, ALTAIR
MET (12/13:23 TO 12/14:08)

ANG DIFF: 92.1

DUAL S TRKR ALIGNMENT		2nd ATTITUDE (SINGLE S TRKR) -Z: 53 -Y: 22	
R	295	R 208	28
P	225	P 218	241
Y	344	Y 18	342

REQD ID:

-Y: _____, -Z: _____, ANG ERR____,____ ____

ANG:	1	2	3
ΔX	( )___,___ ___	( )___,___ ___	( )___,___ ___
ΔY	( )___,___ ___	( )___,___ ___	( )___,___ ___
ΔZ	( )___,___ ___	( )___,___ ___	( )___,___ ___

EXECUTION TIME: ____/___:___:___MET

B IMU VERIFICATION STAR ALIGN PAD

ID: -Y: 16, ACHERNAR
MET (12/13:33 TO 12/14:21)

-Z: 60, ENIF
MET (12/13:31 TO 12/14:21)

ANG DIFF: 82.2

DUAL S TRKR ALIGNMENT		2nd ATTITUDE (SINGLE S TRKR) -Z: 16 -Y: 60	
R	235	R 163	326
P	118	P 136	127
Y	313	Y 320	299

REQD ID:

-Y: _____, -Z: _____, ANG ERR____,____ ____

ANG:	1	2	3
ΔX	( )___,___ ___	( )___,___ ___	( )___,___ ___
ΔY	( )___,___ ___	( )___,___ ___	( )___,___ ___
ΔZ	( )___,___ ___	( )___,___ ___	( )___,___ ___

If any ΔX, ΔY, OR ΔZ > 0.1 Check MCC

EXECUTION TIME: ____/___:___:___MET

CONTINGENCY CH A ACTIVATION

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CONTINGENCY CH A ACTIVATION

The Contingency Channel A Activation timeline was built to document tasks required if a failure occurs during JPM Channel B Initial Activation. Two main JPM failures would require Contingency Channal A Activation to be performed:

1. Failure of the MTL pump (A1WCL case)
2. Failure of JCP b (2WCL case)

The timeline was built assuming the worst case failure in which the JPM MTL pump fails and requires the following:

1. A complete powerdown of JPM Channel B since there is no cooling to the module
2. Removal of the JPM Channel B Power jumper
3. Multiple JPM Preparation tasks to prepare for Contingency Channel A Initial Activation
4. Columbus and Node 2 powerdowns related to the JPM Channel A power jumper installation

If the JCP fails, then the JPM Channel B will remain powered, and the timeline will be modified to account for this real-time.

CONTINGENCY CH A ACT TIMELINE

NO EXERCISE
[DURING LCS SENSOR C/O]

GMT 06/16/08 (168) — 12 13 14 15 16 17 18 19 20 21 22 23 016/00
MET Day 015

STS-124	FD05 CDR KELLY	SLEEP	POST SLEEP	XFER	UPDAT	OBSS SENSOR C/O	A/L CHECK VLV INSTL	MDDK XFER	N2 XFER INIT		MEAL	HATCH		JPM PREP CONT CHA												
STS-124	PLT HAM	SLEEP	POST SLEEP	IMU	ILLUM	OFF	OBSS SENSOR C/O	A/L CHECK VLV INSTL		EXERCISE		CWC	INIT 2	MEAL	CWC	TERM	CWC	XFER	FLTR CLN - INSPECT		CTB REL	EPS1	XFER			
STS-124	MS1 NYBERG	SLEEP	POST SLEEP				VEST OUTFIT 1				MEAL			VEST OUTFIT 2	HATCH		JPM INGR		JPM SETUP			EPS1	XFER			
STS-124	MS2 GARAN	SLEEP	LOGRN	ASPRN	POST SLEEP		E_LK PREP	EVA TOOL CONFG		EXERCISE		MEAL		VEST OUTFIT 2	HATCH				JPM SETUP							
STS-124	MS3 FOSSUM	SLEEP	ASPRN	POST SLEEP			E_LK PREP	EVA TOOL CONFG		BSA-T	BSA-I	NODE 2 AFT IMV INSTL		MEAL	HATCH	MTX/^	BATT	REBA*		EXERCISE						
STS-124	MS4 HOSHIDE	SLEEP	POST SLEEP				VEST OUTFIT 1					JPM CH B INIT ACT	♣	⊕	MEAL	HATCH		JPM INGR	JPM PREP CONT CHA							
DN	FE-2 REISMAN	SLEEP (8.5)	PS		PW	DPC	FN LK CK TRM	HANDOVER			DCS T/A	CWC	JPM CH B INIT ACT	♣	⊕	MEAL	HANDOVER				FAN-1	CTB REL	CEVIS			
EXP 17	ISS CDR VOLKOV	SLEEP (8.5)	PS		PW	DPC		♦	RS OPS		TVIS		VELO + RED		MEAL	HATCH	RS OPS				IMS	AKPRP				
EXP 17	FE-1 KONONENKO	SLEEP (8.5)	PS		PW	DPC	RS OPS			RED		NODE 2 AFT IMV INSTL			MEAL	RS OPS		COX-MNT		VELO						
UP	FE-2 CHAMITOFF	SLEEP (8.5)	PS		PW	DPC	FN LK CK TRM	HANDOVER			DCS T/A	ADAPT	N2 XFER INIT		MEAL	HANDOVER					PFA S/U & ACT	PMC	ADAPT			

STS

ORBIT	246	247	248	249	250	251	252	253
DAY/NIGHT								
TDRS W -171								
TDRS E -46								
TDRS Z 275								
ORB ATT								

NOTES

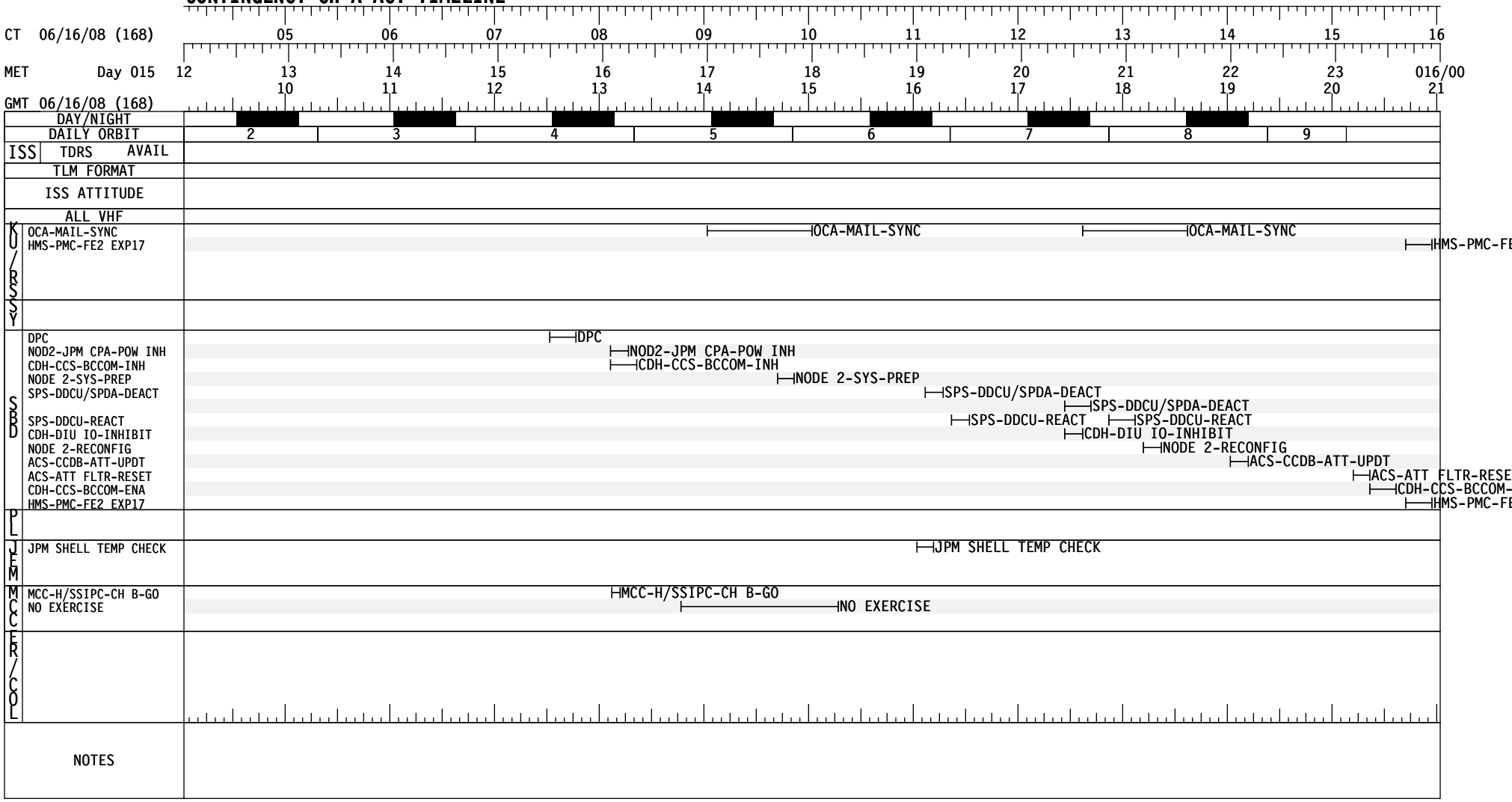
♦EHS-VOA-DEACT

CH B ACT

♣JPM PREP CH B SHTDWN ^INSTALL
⊕CH B PWR JMPR RMVL *INSTALL

See OSTPV for ISS Activities

CONTINGENCY CH A ACT TIMELINE



CONTINGENCY CH A ACT TIMELINE

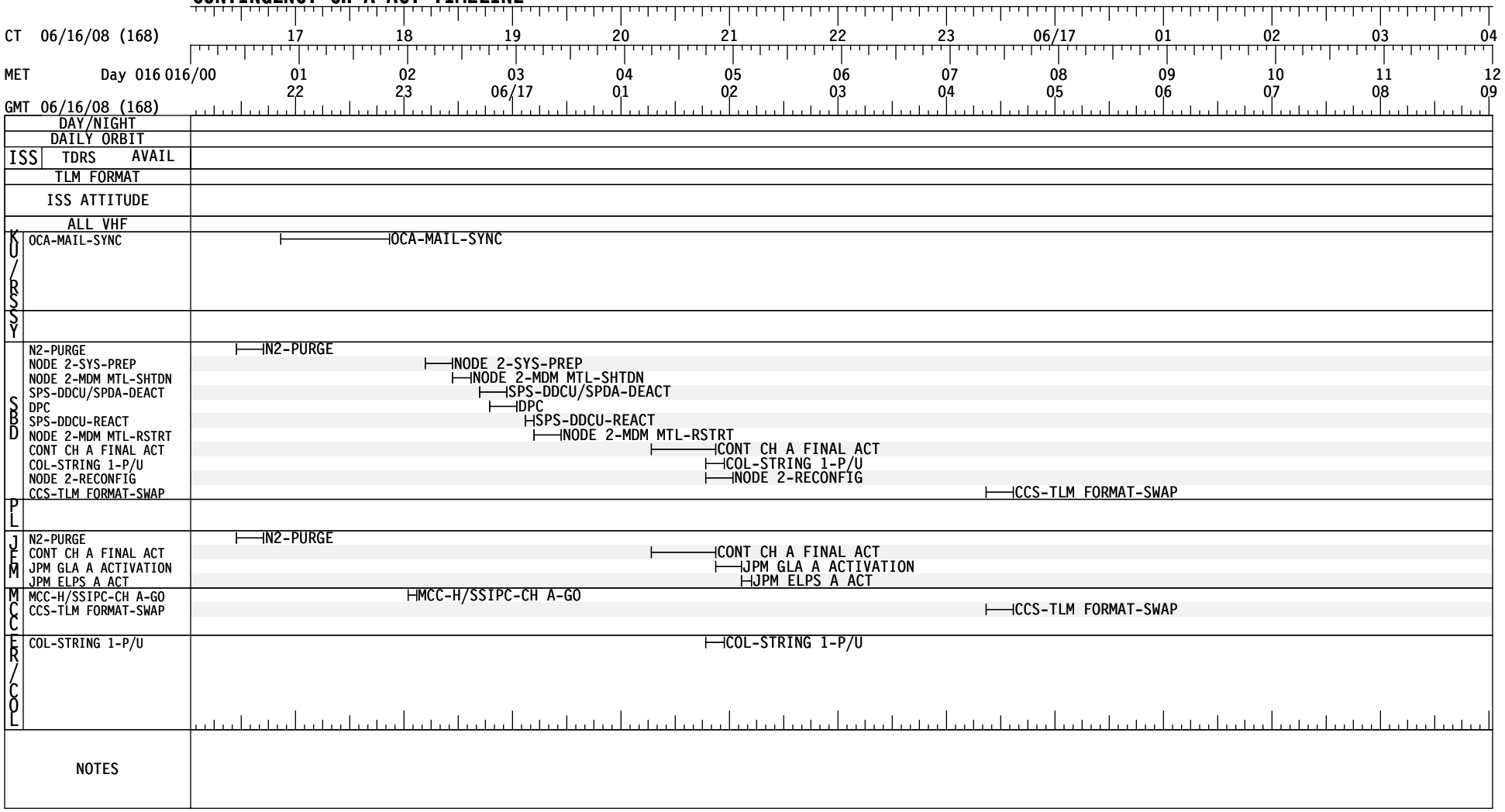
GMT 06/16/08 (168) — 016/00 | 22 01 | 23 02 | 06/17 03 | 01 04 | 02 05 | 03 06 | 04 07 | 05 08 | 06 09 | 07 10 | 08 11 | 09 12

MET Day 016

STS-124	FD05 CDR KELLY	JPM PREP CONT CHA; N2 PURGE; XFER TAG UP; XFER BRIEF; PRLA*; EVA 2 PROC REVIEW; PRE SLEEP; PMC A/G; MASK PB/TOOL CONFG; PRE SLEEP; SLEEP
STS-124	PLT HAM	EPS1 XFER; WCS*; PRLA*; EVA 2 PROC REVIEW; IL ON; PRE SLEEP; SLEEP
STS-124	MS1 NYBERG	EPS1 XFER; EPS1 UMBIL; PRE SLEEP; VEST 3 OUTFIT; CONT CH A INIT ACT; PRE SLEEP; SLEEP; ISS EXTERNAL SURVEY
STS-124	MS2 GARAN	PRE SLEEP; EVA 2 PROC REVIEW; PRE SLEEP; MASK PB/TOOL CONFG; PRE SLEEP; SLEEP
STS-124	MS3 FOSSUM	PRE SLEEP; EVA 2 PROC REVIEW; PRE SLEEP; MASK PB/TOOL CONFG; PRE SLEEP; SLEEP
STS-124	MS4 HOSHIDE	JPM PREP CONT CHA; N2 PURGE; PS; DMS1 XFER; FAN-O; PRE SLEEP; VEST 3 OUTFIT; CONT CH A INIT ACT; PRE SLEEP; SLEEP
DN	FE-2 REISMAN	CEVIS; RED; DMS1 UMBIL; DPC; PS; SLEEP (8.5)
EXP 17	ISS CDR VOLKOV	AKPRP; AK1 SMPL; AK STOW; PW; EVA 2 PROC REVIEW; PW; DPC; PS; SLEEP (8.5)
EXP 17	FE-1 KONONENKO	VELO; DMS1 XFER; EXER; PW; DPC; PS; SLEEP (8.5)
UP	FE-2 CHAMITOFF	ADAPT; BATT; PW; EVA 2 PROC REVIEW; PW; DPC; PS; SLEEP (8.5)
STS	ORBIT	
STS	DAY/NIGHT	
STS	TDRS W -171 E -46 Z 275	NODE2 PWRDN/PWRUP
STS	ORB ATT	
NOTES		*CLOSE; *FILTER CK

See OSTPV for ISS Activities

CONTINGENCY CH A ACT TIMELINE



CONTINGENCY CH A ACT TIMELINE

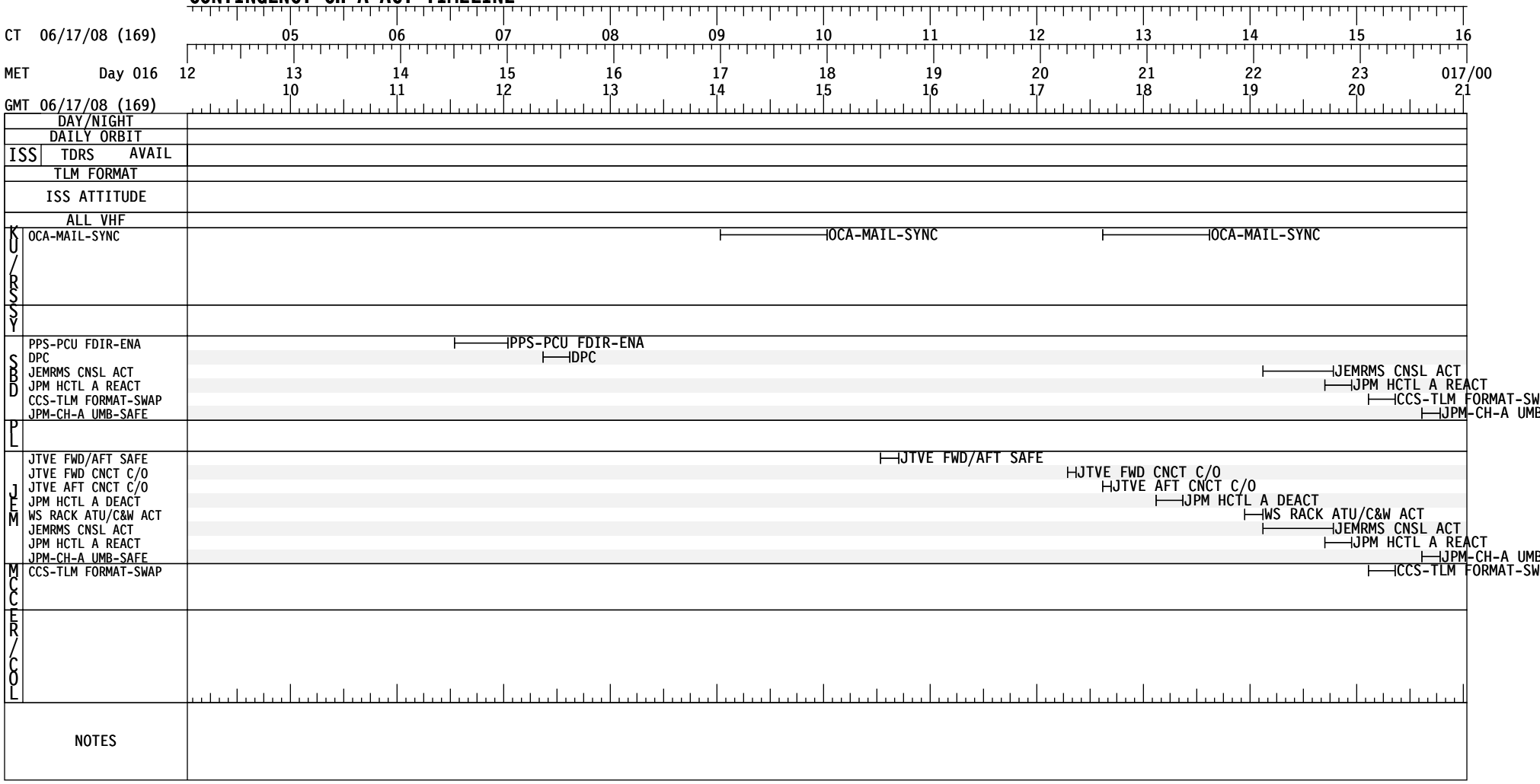
GMT 06/17/08 (169) — 10 11 12 13 14 15 16 17 18 19 20 21

MET Day 016 — 12 13 14 15 16 17 18 19 20 21 22 23 017/00

STS-124	FD06 CDR KELLY	SLEEP; POST SLEEP; PMC A/G; POST SLEEP; HYGN BK/PB; CAMPOUT EVA PREP; EMU PURGE; EMU PRE BREATHE; C/L DPRS; P-DPR; DUMMY PANEL H RELOC; COND C/O; CWC INIT 3; MEAL; CWC TERM; CXFER; BSA-T; PWR1I; P/TV07 EVA OPS; PWR1T; PWR2I; P/TV07 EVA OPS; PWR2T; PXFER; P/TV07 EVA OPS
STS-124	IV PLT HAM	SLEEP; POST SLEEP; IOLLUM; IFIMU; INAHBT; MCIU; P/TV 07 S/U; P-DPR; IVA SUPPORT
STS-124	MS1 NYBERG	SLEEP; LOG; POST SLEEP; VO2 OUT FIT; JPM PCS INSTALL; EXERCISE; WS XFER; JRMS; CWC O; MEAL; ICS XFER; RYUTAI XFER; SRMS; MNVR^; JLP EGRS; EVA 2 6:30
STS-124	EV2 MS2 GARAN	SLEEP; POST SLEEP; HYG BRK/ PREBREATHE (14.7 RPRS, 10.2 DPRS); CAMPOUT EVA PREP; EMU PURGE; EMU PRE BREATHE; C/L DPRS; P-DPR; EVA EGRS/ SETUP; INSTL FWD JTVE; RMV RMS CVR & EE MLI; ZEN ACBM PREP; INST TR&KL CVR; NOD2 THM BLNKT INSTL; PREP S1 NTA
STS-124	EV1 MS3 FOSSUM	SLEEP; POST SLEEP; HYG BRK/ PREBREATHE; CAMPOUT EVA PREP; EMU PURGE; EMU PRE BREATHE; C/L DPRS; P-DPR; EVA EGRS/ SETUP; INSTL AFT JTVE; RMV RMS CVR & EE MLI; ZEN ACBM PREP; INST TR&KL CVR; NOD2 THM BLNKT INSTL; PREP ESP3 NTA
STS-124	MS4 HOSHIDE	SLEEP; POST SLEEP; VO2 OUT FIT; ELPS ENA; JEMRMS RACK XFER; FSE ACM RMV; HCTL-B RCNFG; HCTL-A RCNFG; EXERCISE; MEAL; JEMRMS CNSL SETUP; WS C&W C/O; JLP EGRS
DN	FE-2 REISMAN	SLEEP (8.5); PS; PW; DPC; EQUIP PREP; ACCUM VLV OPEN; FAN-1; JEMRMS RACK XFER; JEMRMS UMBIL; WS UMBIL; MEAL; MON CVR; SAIBO XFER; OCA*; JRSR XFER; TVIS
EXP 17	ISS CDR VOLKOV	SLEEP (8.5); PS; PW; DPC; PW; DCS; COX-MNT; HAM; EMU PURGE; EMU PRE BREATHE; C/L DPRS; VELO; MEAL; IMS; RYUTAI XFER; RS OPS
EXP 17	FE-1 KONONENKO	SLEEP (8.5); PS; PW; DPC; PW; VELO; WS XFER; DUMMY PANEL H RELOC; MEAL; ICS XFER; RS OPS; RED; PW
UP	FE-2 CHAMITOFF	SLEEP (8.5); SLVA; PS; HYGN BK/PB; CAMPOUT EVA PREP; EMU PURGE; EMU PRE BREATHE; C/L DPRS; DMS2; DLL; ADAPT; MEAL; GLOVE; SAIBO XFER; JRSR XFER; PW; ♣
STS	ORBIT	
STS	DAY/NIGHT	
STS	TDRS W -171 E -46 Z 275	
STS	ORB ATT	
NOTES		^JPM VIEW ♣CW/RW-MELF *ROUTER REBOOT

See OSTPV for ISS Activities

CONTINGENCY CH A ACT TIMELINE



CONTINGENCY CH A ACT TIMELINE

GMT 06/17/08 (169) — 017/00 | 22 01 | 23 02 | 06/18 03 | 01 04 | 02 05 | 03 06 | 04 07 | 05 08 | 06 09 | 07 10 | 08 11 | 09 12

MET Day 017

STS-124	**FD06** CDR KELLY	P/TV07 EVA OPS	P-RPR	REPRS	POST EVA W/H2O, MTX				BSA INIT	PRE SLEEP		PMC A/G	PRE SLEEP											SLEEP
	IV PLT HAM	IVA SUPPORT		P-RPR	REPRS	EXERCISE			MNVR	UPDAT	ILON	PRE SLEEP												SLEEP
	MS1 NYBERG	♣	FAN-O	NODE 2-ZEN CPA-INST								PRE SLEEP												SLEEP ISS EXTERNAL SURVEY
	EV2 MS2 GARAN	GET AHEADS		CLNUP /INGR	P-RPR	REPRS	POST EVA W/H2O, MTX					PRE SLEEP												SLEEP
	EV1 MS3 FOSSUM	GET AHEADS		CLNUP /INGR	P-RPR	REPRS	POST EVA W/H2O, MTX					PRE SLEEP												SLEEP
	MS4 HOSHIDE	⊕	JPM HCH LCH	DRAG*		PCS	RELCT	SSC SETUP	JEMRMS DOUG S/U JPM			PRE SLEEP												SLEEP
DN	FE-2 REISMAN	TVIS				PW	CBCS JPM S/U			PW		DPC	PS											SLEEP (8.5)
EXP 17	ISS CDR VOLKOV	JPM	UNGPL	PMDGF3		PGDGPL3	RED		EXER	PW		DPC	PS											SLEEP (8.5)
	FE-1 KONONENKO	PW	NODE 2-ZEN CPA-INST							PW		DPC	PS											SLEEP (8.5)
UP	FE-2 CHAMITOFF	JPM	UNGPL	PMDGF3		PGDGPL3	PW	POST EVA W/H2O, MTX			EVAS*	DPC	PMC	PS										SLEEP (8.5)
STS	ORBIT																							
	DAY/NIGHT																							
	TDRS W -171 E -46 Z 275																							
	ORB ATT																							
NOTES		♣JLP EGRS ⊕JLP EGRS *JEM DRAG-THRU CNCT										*D/L								|BASE Δ|			

CONTINGENCY CH A ACT TIMELINE

CT 06/17/08 (169): 17 18 19 20 21 22 23 06/18 01 02 03 04

MET Day 017 017/00: 01 02 03 04 05 06 07 08 09 10 11 12

GMT 06/17/08 (169): 22 23 06/18 01 02 03 04 05 06 07 08 09

	DAY/NIGHT	
	DAILY ORBIT	
ISS	TDRS AVAIL	
	TLM FORMAT	
	ISS ATTITUDE	
	ALL VHF	
KU/RSY	OCA-MAIL-SYNC	OCA-MAIL-SYNC
	HMS-PMC-FE2 EXP17	HMS-PMC-FE2 EXP17
SBD	NOD2-JLP CPA-POW INH	NOD2-JLP CPA-POW INH
	A/L-CCAA-RECONFIG	A/L-CCAA-RECONFIG
		A/L-CCAA-RECONFIG
	PPS-PCU FDIR-INH	PPS-PCU FDIR-INH
	CDH-EXT1 1553 CH-CK	CDH-EXT1 1553 CH-CK
	DPC	DPC
	HMS-PMC-FE2 EXP17	HMS-PMC-FE2 EXP17
	CCS-TLM FORMAT-SWAP	CCS-TLM FORMAT-SWAP
PL		
JEM	THC A ACT/B NOM RCN	THC A ACT/B NOM RCN
	JPM FDS SD A ACT	JPM FDS SD A ACT
	LTL RCN THC A ACT	LTL RCN THC A ACT
	JPM CPA ACT	JPM CPA ACT
MCC	CDH-EXT1 1553 CH-CK	CDH-EXT1 1553 CH-CK
	CCS-TLM FORMAT-SWAP	CCS-TLM FORMAT-SWAP
ER/COL		
	NOTES	

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Space Shuttle Program
FLIGHT DATA FILE

JSC-48000-124
FINAL

FLIGHT PLAN

STS
124

Flight Cover (trim bottom to expose tabs)