

Flight Plan

STS-119/15A

(L-35 FDO Trajectory)

**Mission Operations Directorate
Operations Division**

**Final
January 23, 2009**

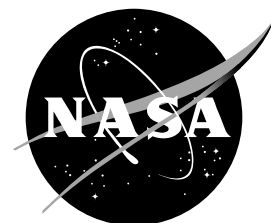
Launch Date: Thr Feb 12, 2009 GMT

Launch Time: 043/12:32:10 GMT

For the latest working copy of the Flight Plan, visit
http://modspops.jsc.nasa.gov/mod/DO/DO4/Joint/Web%20Pages/119_15A.aspx

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).
Electronic copies of FDF books are available. URL: <http://mod.jsc.nasa.gov/do3/FDF/index.html>

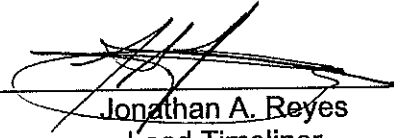
MISSION OPERATIONS DIRECTORATE

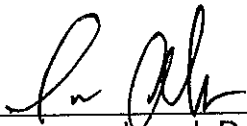
**FLIGHT PLAN
STS-119**

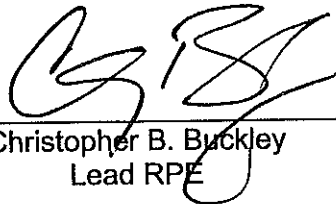
FINAL
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PREPARED BY:


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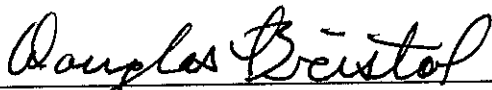

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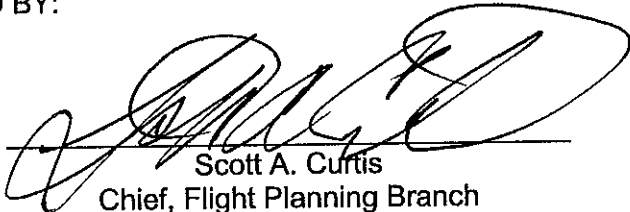

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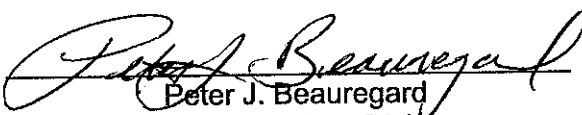

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This document is under the configuration control of the Crew Procedures Control Board (CPCB). All proposed changes must be submitted via FDF Workflow Crew Procedure Change Request (CR) to DO3/FDF Manager.

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| |
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| Lead Ops Planner | DO4/J. Aldape | 281-244-1113 |
| Lead RPE | DO4/C. Buckley | 281-244-1039 |

FLIGHT PLAN
STS-119

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INTRODUCTION

The STS-119 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-17462-119, STS-119 Flight Requirements Document
- NSTS-37326, Shuttle Crew Scheduling Constraints
- NSTS-21514, ISS-15A 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-119 Flight Plan is based on a launch date of February 12, 2009, at 12:32:10 GMT (06:32 AM CST). 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:

- CR # S064092: 2.3.1.1 violation of 5 minute activity within the last 1.5 hours of pre-sleep on flight day 5 for CDR

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

http://modspops.isc.nasa.gov/mod/DO/DO4/Joint/Web%20Pages/119_15A.aspx

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-119/15A Overview Timeline (14+1+2)

Launch: February 12, 2009, 12:32:10 GMT (~6:32 am CST)

| MET | | | | | | | | | | | | | | 00/0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | | | | | | |
|------|---------|----|----|----|----|----|----|----|----|----|----|----|----|--|--|---------------------|-----------------------------|-----------------------|---|-------------------|-----------|---|---|---------------------------|----|----------------|--|----------------|--|--|----------------|--|--|--|
| FD01 | STS | | | | | | | | | | | | | ASC | Post Insertion | P/TV 01 S/U | RMS C/O | | | | | | | | | | | | | | | | | |
| | ORB ATT | | | | | | | | | | | | | ASC | -ZLV-XVV | NC1 | | | | | | | | | | | | | | | | | | |
| MET | | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 01/0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | | | | | | |
| FD02 | STS | | | | | | | | | | | | | OBSS Un-Berth | OBSS Survey - Stbd & Nose EMU C/O | Meal | OBSS Survey - Port Survey | OBSS Berth | RNDZ Tools EVA Xfer Prep | | | | | | | | | | | | | | | |
| | ORB ATT | | | | | | | | | | | | | -ZLV-XVV | NC2 | SURVEY (Inertial) | | | | | | | | | | -ZLV-XVV | | | | | | | | |
| MET | | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 02/0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | | | | | | |
| FD03 | STS | | | | | | | | | | | | | ISS RNDZ | Dock | Hatch Hello | IELK, Transfer, O2 Reconfig | EVA Transfer Reconfig | | | | | | | | | | | | | | | | |
| | ORB ATT | | | | | | | | | | | | | -ZLV-XVV | -ZLV+YVV | RNDZ | H | WS6/PDGF1 | | | | | | | | | | BIAS -XLV +ZVV | | | | | | |
| | | | | | | | | | | | | | | ^ Water Dump | | | ^ Dock (1/20:25) | | | ^O2 Transfer Init | | | | | | | | | | | | | | |
| MET | | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 03/0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | | | | | | |
| FD04 | STS | | | | | | | | | | | | | SSRMS Grpl S6 & H/O to SRMS, SSRMS Release S6 | SSRMS M/N/P to XLT | Meal | S6 H/O to SSRMS | EVA1 Proc Rvw | Campout | | | | | | | | | | | | | | | |
| | ORB ATT | | | | | | | | | | | | | WS6/PDGF1 | | | | | | | | | | BIAS -XLV +ZVV (ISS +XVV) | | | | | | | | | | |
| | | | | | | | | | | | | | | ^O2 Transfer Term | | | | | | | | | | ^ N2 Transfer Init | | | | | | | | | | |
| MET | | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 04/0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | | | | | | |
| FD05 | STS | | | | | | | | | | | | | Campout EVA Prep | EVA 1 (S6 Install, Config S6-SAW/PVR Dply) | | | | Post EVA w/H2O, Metox | | | | | | | | | | | | | | | |
| | ORB ATT | | | | | | | | | | | | | WS4/Node2 | | | | | | | | | | BIAS -XLV +ZVV (ISS +XVV) | | | | | | | | | | |
| | | | | | | | | | | | | | | WS1/PDGF1 | | | | | | | | | | WS4/Node2 | | | | | | | | | | |
| MET | | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 05/0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | | | | | | |
| FD06 | STS | | | | | | | | | | | | | SSRMS RLS PDGF1, SSRMS Grpl ORSS & H/O to SRMS | Focused Inspection | H/O | Meal | DA Unpack | SRMS H/O OBSS to SSRMS, OBSS Berth & SSRMS w/o to PDGF1 | EVA2 Proc Rvw | Campout | | | | | | | | | | | | | |
| | ORB ATT | | | | | | | | | | | | | WS4/Node2 | | | | | | | | | | BIAS -XLV -ZVV | | | | | | | | | | |
| | | | | | | | | | | | | | | WS1/PDGF1 | | | | | | | | | | WS1/PDGF1 | | | | | | | | | | |
| MET | | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 06/0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | | | | | | |
| FD07 | STS | | | | | | | | | | | | | Campout EVA Prep | EVA 2 (P6 Batt Prep, P3 UCCAS, S3 PAS) | | | | Post EVA w/H2O, Metox | | | | | | | | | | | | | | | |
| | ORB ATT | | | | | | | | | | | | | BIAS -XLV -ZVV | H | BIAS -XLV +YVV | H | Meal | DA R&R | Handover | WS1/PDGF1 | | | | | | | | | | BIAS -XLV -ZVV | | | |
| | | | | | | | | | | | | | | ^ Water Dump | | | | | | | | | | ^ N2 Transfer Term | | | | | | | | | | |
| MET | | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 07/0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | | | | | | |
| FD08 | STS | | | | | | | | | | | | | S6 SAW Deploy | Meal | EVA 3 Prep/Transfer | EVA 3 Proc Rvw | Campout | | | | | | | | | | | | | | | | |
| | ORB ATT | | | | | | | | | | | | | BIAS -XLV -ZVV | SAW Deploy | WS1/PDGF1 | | | | | | | | | | BIAS -XLV -ZVV | | | | | | | | |
| | | | | | | | | | | | | | | WS1/PDGF1 | | | | | | | | | | WS4/PDGF1 | | | | | | | | | | |
| MET | | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 08/0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | | | | | | |
| FD09 | STS | | | | | | | | | | | | | Campout EVA Prep | EVA 3 (CETA Relocate, LEE B, RPCM R&R) | | | | Post EVA w/H2O, Metox | | | | | | | | | | | | | | | |
| | ORB ATT | | | | | | | | | | | | | WS4/PDGF1 | | | | | | | | | | BIAS -XLV -ZVV | | | | | | | | | | |
| | | | | | | | | | | | | | | WS4/PDGF1 | | | | | | | | | | WS4/PDGF1 | | | | | | | | | | |
| MET | | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 09/0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | | | | | | |
| FD10 | STS | | | | | | | | | | | | | EVA 4 Prep | EVA 4 Proc Rvw | Crew Conf & Photo | Meal | Off Duty (4:00) | Campout | | | | | | | | | | | | | | | |
| | ORB ATT | | | | | | | | | | | | | BIAS -XLV +YVV | H | WS4/PDGF1 | | | | | | | | | | BIAS -XLV -ZVV | | | | | | | | |
| | | | | | | | | | | | | | | ^ Water Dump | | | | | | | | | | WS4/PDGF1 | | | | | | | | | | |
| MET | | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 10/0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | | | | | | | |
| FD11 | STS | | | | | | | | | | | | | Campout EVA Prep | EVA 4 (GPS Antenna, Z1 Patch Pnl, S3 PAS) | | | | Post EVA w/H2O, Metox | | | | | | | | | | | | | | | |
| | ORB ATT | | | | | | | | | | | | | WS4/PDGF1 | | | | | | | | | | BIAS -XLV -ZVV | | | | | | | | | | |
| | | | | | | | | | | | | | | WS4/PDGF1 | | | | | | | | | | WS4/PDGF1 | | | | | | | | | | |

| | | MET | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 11/0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|------|---------|-----|------------|----|-------------------|----|----|------|----|----|-----------------|----|----|----|------|---|---|---|---|---|---|---|---|---|----|----|----|
| FD12 | STS | | | | Pst EVA Rcnfg | | | | | | | | | | | | | | | | | | | | | | |
| | ISS | | O2 P/B T/D | | Handover/Transfer | | | Meal | | | Off Duty (4:15) | | | | | | | | | | | | | | | | |
| | ORB ATT | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | WS/PDGF | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | MET | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 12/0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
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| FD13 | STS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ISS | | | UNDOCK | Flyaround and Sep | | | MEAL | | OBSS | | | | | | | | | | | | | | | | | |
| | ORB ATT | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | WS/PDGF | | | | | | | | | | | | | | | | | | | | | | | | | | |

^ Undock (11/13:58) ^ Water Dump

| | | MET | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 13/0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|------|---------|-----|----|----|-------------------------|------------|-----------------|----|----|----|----|----|----|----|------|---|---|---|---|---|---|---|---|---|----|----|----|
| FD14 | STS | | | | SDBI 1900 (Blood Draws) | Cabin Stow | FCS C/O, RCS HF | | | | | | | | | | | | | | | | | | | | |
| | ORB ATT | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | WS/PDGF | | | | | | | | | | | | | | | | | | | | | | | | | | |

^ Water Dump

| | | MET | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 14/0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|------|---------|-----|----|----|----|----|----|----|----|----|----|----|----|----|------|---|---|---|---|---|---|---|---|---|----|----|----|
| FD15 | STS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ORB ATT | | | | | | | | | | | | | | | | | | | | | | | | | | |

^ KSC Tig 13/17:13

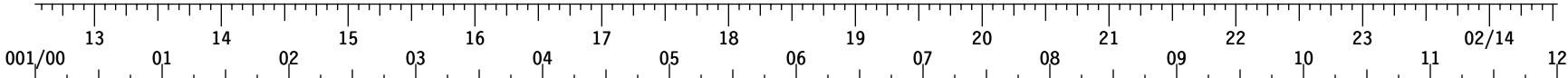
^ KSC Landing 13/18:16

SUMMARY TIMELINE AND ISS SHORT TERM PLAN

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GMT 02/13/09 (044)

MET Day 001



| | | | | | | | | | | | |
|-----------|---|--|----------------------|--------------------|---------------------|-------------------------------------|----------------------|---------------------|-----------|-----------|-------|
| STS-119 | FD02 CDR ARCHAMBAULT | PWS OIR RNR TGV EYV | -- ZX LV VV | LDRI D/L | PRE SLEEP | NC3 +X RCS BURN | -- ZX LV VV | FUT UPMC RA/G | PRE SLEEP | SLEEP | |
| | PLT ANTONELLI | | | OBSS BERTH | FCMS OPS | MOP | PRE SLEEP | +X RCS BURN | PRE SLEEP | SLEEP | |
| | MS1 ACABA | | | FILTER CLEANING | EXERCISE | PGL /T VCL OES 09 ER | MM UOP | | PRE SLEEP | SLEEP | |
| | MS2 SWANSON | | | EXERCISE | C/L CMR INSTL | ODS RING EXT | RNDZ TOOLS C/O | | PRE SLEEP | SLEEP | |
| | MS3 ARNOLD | OMS POD SRVY | DRY SLV | | C/L CMR INSTL | ODS RING EXT | MOP CRE W* | PRE SLEEP | MDD K# | PRE SLEEP | SLEEP |
| | MS4 PHILLIPS | PWS OIR RNR TGV EYV | DRY SLV | TRANSFER PREP | MUS | PRE SLEEP | RNDZ TOOLS C/O | | PRE SLEEP | SLEEP | |
| | FE-2 EXP18 WAKATA | PWS OIR RNR TGV EYV | | OBSS BERTH | GLC R+ | DOVE GENE FIX & STOW | | | PRE SLEEP | SLEEP | |
| DAY/NIGHT | [Timeline with day/night indicators] | | | | | | | | | | |
| ORBIT | [Timeline with orbit indicators] | | | | | | | | | | |
| TDRS | WEZ | [Timeline with TDRS activity indicators] | | | | | | | | | |
| ORB ATT | -ZLV -XVV NC3 -ZLV -XVV | | | | | | | | | | |
| NOTES | +PREP *CHOICE D/L @LOAD *RATE RECONFIG #STATUS CK | | | | | | | | | | |

GMT 02/14/09 (045)

12 01 13 02 14 03 15 04 16 05 17 06 18 07 19 08 20 09 21 10 22 11 23 12 002/00

MET Day 001

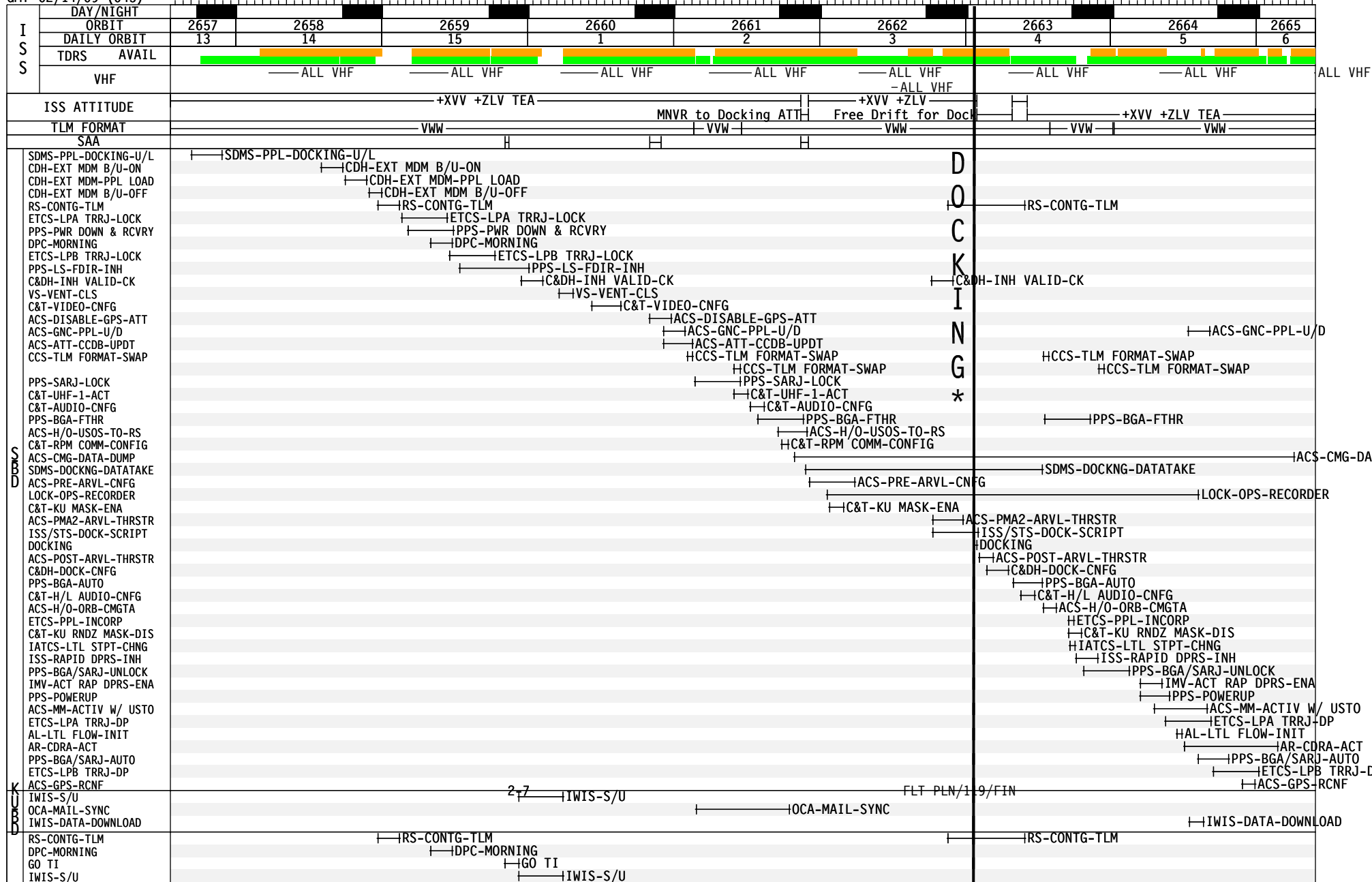
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|---------------------------------|----------------------------|----------------------|------------|--|--------------------------------------|--|---------------------------------|--------------------|--------------------|------------------------------|--------------------------------------|---|---------------------------------|---------------------------------|----------------------------------|---|------------------------|------------------------|--------------------------|-----------|--|
| S T S - 1 1 9 | FD03 CDR ARCHAMBAULT | SLEEP | POST SLEEP | IR R R U P B | NH^ | NC4^ | Ti^ | RPM^ | APPROACH T/L | HATCH LEAK CK - STS | ODS PREP FOR INGR | HATCH OPEN | W L C M | SFTY BRF | | | | | | | |
| | PLT ANTONELLI | SLEEP | POST SLEEP | IR R R U P B | | | | | APPROACH T/L | MNVR ISS +XVV | GP R R P R D N | AS V O I S E P R C U S F | W L C M | SFTY BRF | P/TV 05 S/U | | | | | | |
| | MS1 ACABA | SLEEP | POST SLEEP | W I N C S T T E P S L P | W T A E R M E | | | | APPROACH T/L | | | | W L C M | SFTY BRF | EMU RSIZE | | | | | | |
| | MS2 SWANSON | SLEEP | POST SLEEP | | | O C C O N D C W C S /U | | | ISS RNDZ OPS | EMU RMVL | EXERCISE | ISS RNDZ OPS | APPROACH T/L | PCS SETUP - STS | GP R R P R D N | POST RNDZ PCNG CNFG | W L C M | SFTY BRF | EMU RSIZE | | |
| | MS3 ARNOLD | SLEEP | POST SLEEP | | | M D D K * | | | EXERCISE | EMU RMVL | P/TV02 DOCK S/U | | P/TV02 DOCK OPS | | GP R R P R D N | POST RNDZ PCNG CNFG | W L C M | SFTY BRF | EMU XFER TO ISS | | |
| | MS4 PHILLIPS | SLEEP | POST SLEEP | L O G | X U F P R D A T | | | | ISS RNDZ OPS | | | | APPROACH T/L | HATCH LEAK CK - STS | ODS PREP FOR INGR | HATCH OPEN | W L C M | SFTY BRF | XFER OPS | | |
| U P | FE-2 EXP18 WAKATA | SLEEP | POST SLEEP | | | | | ISS RNDZ OPS | | | | APPROACH T/L | | | | W L C M | SFTY BRF | IELK RMVL & XFER | IELK INST & C/O | | |
| E X P - 1 8 | ISS CDR FINCKE | SLEEP | POST SLEEP | P R E P | D P C | P T V | S H U T T E R | EXERCISE ARED | EXERCISE CEVIS | MIDDAY-MEAL | P M A 2 C N F G | HATCH LEAK CK ISS | HATCH OPEN | W L C M | SFTY BRF | S S E P C T U A P | | | | | |
| | FE-1 LONCHAKOV | SLEEP | POST SLEEP | P R E P | D P C | P R E P W O R K | | VELO | EXERCISE TVIS | MIDDAY-MEAL | | | H O P T E C H | A S M L P C M | W L C M | SFTY BRF | IELK RMVL & XFER | IELK INST & C/O | | | |
| D N | FE-2 MAGNUS | SLEEP | POST SLEEP | P R E P | D P C | P T V | R R S U P C | EXERCISE ARED | C O M | MIDDAY-MEAL | P M A 2 C N F G | HATCH LEAK CK ISS | HATCH OPEN | W L C M | SFTY BRF | S S C R D | R S S U S | TVIS | | | |
| DAY/NIGHT | | ORBIT | | 25 | | 26 | | 27 | | 28 | | 29 | | 30 | | 31 | | 32 | | 33 | |
| TDRS | | W E Z | | | | | | | | | | | | | | | | | | | |
| TDRS | | ISS AVAIL | | | | | | | | | | | | | | | | | | | |
| ORB ATT | | -ZLV -XVV | | -ZLV +YVV | | | | RNDZ | | | | | | | | BIAS -XLV +ZVV | | | | | |
| NOTES | | @SLEEP-FE2 LOG-ENTRY | | *A POD HTR RECONFIG | | *RATE DECONFIG | | *STATUS CK | | *Docking 01/20:25 | | *ACTIVATION | | *STS TO CMG | | | | *EXERCISE | | *EMU XFER | |
| | | *FILTER CK | | *REG RCNFG | | 2-6 | | | | FLT PLN/119/FIN | | | | | | | | *EMU XFER | | | |

STS-119/15A JNT MSN SHORT TERM PLAN

CT 02/13/09 (044)

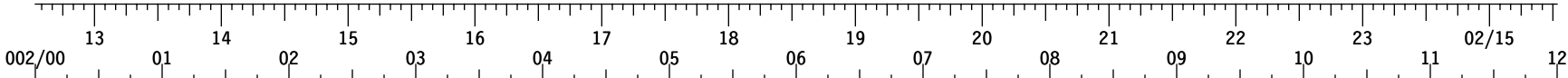
MET Day 001

GMT 02/14/09 (045)



GMT 02/14/09 (045)

MET Day 002

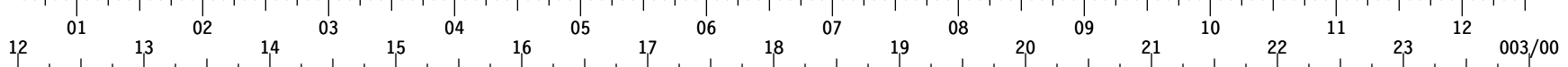


| | | | | | | | | |
|---------------------------------|----------------------------|---|--------------------------------------|---|---|--|---------------|-------|
| S T S - 1 1 9 | FD03 CDR ARCHAMBAULT | EXERCISE | 02 XFER SETUP | 02 PMC TA/G | PRE SLEEP | SLEEP | | |
| | PLT ANTONELLI | | EXERCISE | M O P | PRE SLEEP | SLEEP | | |
| | MS1 ACABA | * R E B A * | R C / B O A | M O P | PRE SLEEP | SLEEP | | |
| | MS2 SWANSON | ⊕ R E B A * | R C / B O A | M O P | PRE SLEEP | SLEEP | | |
| | MS3 ARNOLD | ♦ R E B A * | R C / B O A | P O L Y S B K | M O P P R E S L E E P | D T E S T C R E W * | PRE SLEEP | SLEEP |
| | MS4 PHILLIPS | X F E R O P S | EXERCISE | X T X B M F A F R D M E G E I D U R U R E P * | | PRE SLEEP | SLEEP | |
| U P | FE-2 EXP18 WAKATA | I E L K I N S T & C / O | P R E P W O R K | D P C | PRE SLEEP-ISS | SLEEP | | |
| E X P - 1 8 | ISS CDR FINCKE | V I S C P R E P W O R K | 02 XFER SETUP | O P W R O - I P K | D P C | PRE SLEEP-ISS | SLEEP | |
| | FE-1 LONCHAKOV | I E L K I N S T & C / O | | C O X M N T | D P C | PRE SLEEP-ISS | SLEEP | |
| D N | FE-2 MAGNUS | T V I S R E B A * | R C / B O A | S O D F X F E R | P R E P W O R K | D P C | PRE SLEEP-ISS | SLEEP |
| DAY/NIGHT | | [Bar chart showing day/night cycles] | | | | | | |
| ORBIT | | [Bar chart showing orbit parameters] | | | | | | |
| TDRS W E Z | | [Bar chart showing TDRS windows] | | | | | | |
| TDRS ISS AVAIL | | [Bar chart showing ISS availability] | | | | | | |
| ORB ATT | | BIAS -XLV +ZVV | | | | | | |
| NOTES | | ♦EMU XFER *CHOICE D/L ⊕EMU XFER *STATUS CK ♦EMU XFER TO ISS *INSTALL | | | | | | |

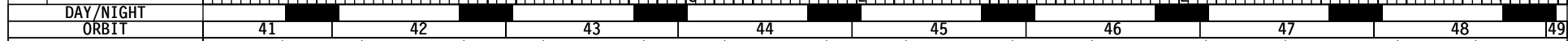
EXERCISE CONSTRAINTS - SEE DETAILS

GMT 02/15/09 (046)

MET Day 002



| | | | | | | | | | | | | | | | | | | |
|---------------------------------|----------------------------|-------|------------|----------------------|---------------------|--------------------|----------------|--------------------|----------------------|-----------------------|-----------------------|------------------------------|------------------------------|-----------------|------------------------------|--------------------|--------------------------------|--------------|
| S T S - 1 1 9 | FD04 CDR ARCHAMBAULT | SLEEP | POST SLEEP | EXERCISE | S6 CAM SPRT | | | | STS 02 P/B CONFIG | MEAL | S6 CAM SPRT | | | | N2 XFER INIT | ADAP* | | |
| | PLT ANTONELLI | SLEEP | POST SLEEP | SRMS # POST SLEEP | PRLA% POST SLEEP | S6 GRPL/UNBTH | | | | TOOL CONFIG | MEAL | SRMS S6 TO H/O | | | | EXERCISE | MOP | |
| | MS1 ACABA | SLEEP | POST SLEEP | SRMS # POST SLEEP | PRLA% POST SLEEP | XFER OPS | EXERCISE | | TOOL CONFIG | MEAL | SRMS S6 TO H/O | | | | TOOL AUDIT | XTFA EGRUP | | |
| | MS2 SWANSON | SLEEP | POST SLEEP | CIWCIT #1 | EXERCISE | | CTWECR M | CXWFER | E_LK PREP | TOOL CONFIG | MEAL | XFER OPS | | | | TOOL AUDIT | MOP | PRE SLEEP |
| | MS3 ARNOLD | SLEEP | POST SLEEP | PSTV OUP | POST SLEEP | EXERCISE | | E_LK PREP | TOOL CONFIG | MEAL | EVA CAMERA CNFG | EVA CAMR FLASH CNFG | | TOOL AUDIT | XTFA EGRUP | XTB FRMIO P* | | |
| | MS4 PHILLIPS | SLEEP | POST SLEEP | XUM FRD AKT | SPR G P L | S6 GRPL/UNBTH | | SSRMS S6 TO H/O | RLS S6 | SSRMS MNRV XLAT | MEAL | GTA PRM 1 | S6 GRPL | | SSRMS PARK | EXER CISE | | |
| D N | FE-2 MAGNUS | SLEEP | POST SLEEP | DPC | PREP WORK | SPR G P L | S6 GRPL/UNBTH | | SSRMS S6 TO H/O | RLS S6 | SSRMS MNRV XLAT | CO2 | MIDDAY-MEAL | OHA | TVIS | | | |
| | ISS CDR FINCKE | SLEEP | POST SLEEP | DPC | PREP WORK | EXERCISE ARED | EXERCISE CEVIS | | STS 02 P/B CONFIG | MEAL | EVA CAMERA CNFG | EVA CAMR FLASH CNFG | | N2 XFER INIT | PREP WORK | | | |
| E X P - 1 8 | FE-1 LONCHAKOV | SLEEP | POST SLEEP | DPC | PREP WORK | RUSSN OPS | EXERCISE TVIS | | RUSSIAN OPS | | MIDDAY-MEAL | SLO K O K O L | SDO R K Y O L | IMS | SDO R K Y O L | COX | SGS OLT KOO OVW LE | VELO |
| | FE-2 EXP18 WAKATA | SLEEP | POST SLEEP | DPC | PREP WORK | CMS OVR H/O | THV IOIS | CHV OIS | SWAPS | ADAPTATION | MIDDAY-MEAL | SLO K O K O L | ADAPTATION | | S6 GRPL | SSRMS PARK | XTFA EGRUP | PMCP |



NOTES

#MNRV CLR%RELEASE
*FILTER CK
@STATUS CK
2-10

BIAS -XLV +ZVV

♦ADAPTATION *UPDATE *PRE SLEEP
@VIEW @PREP WORK

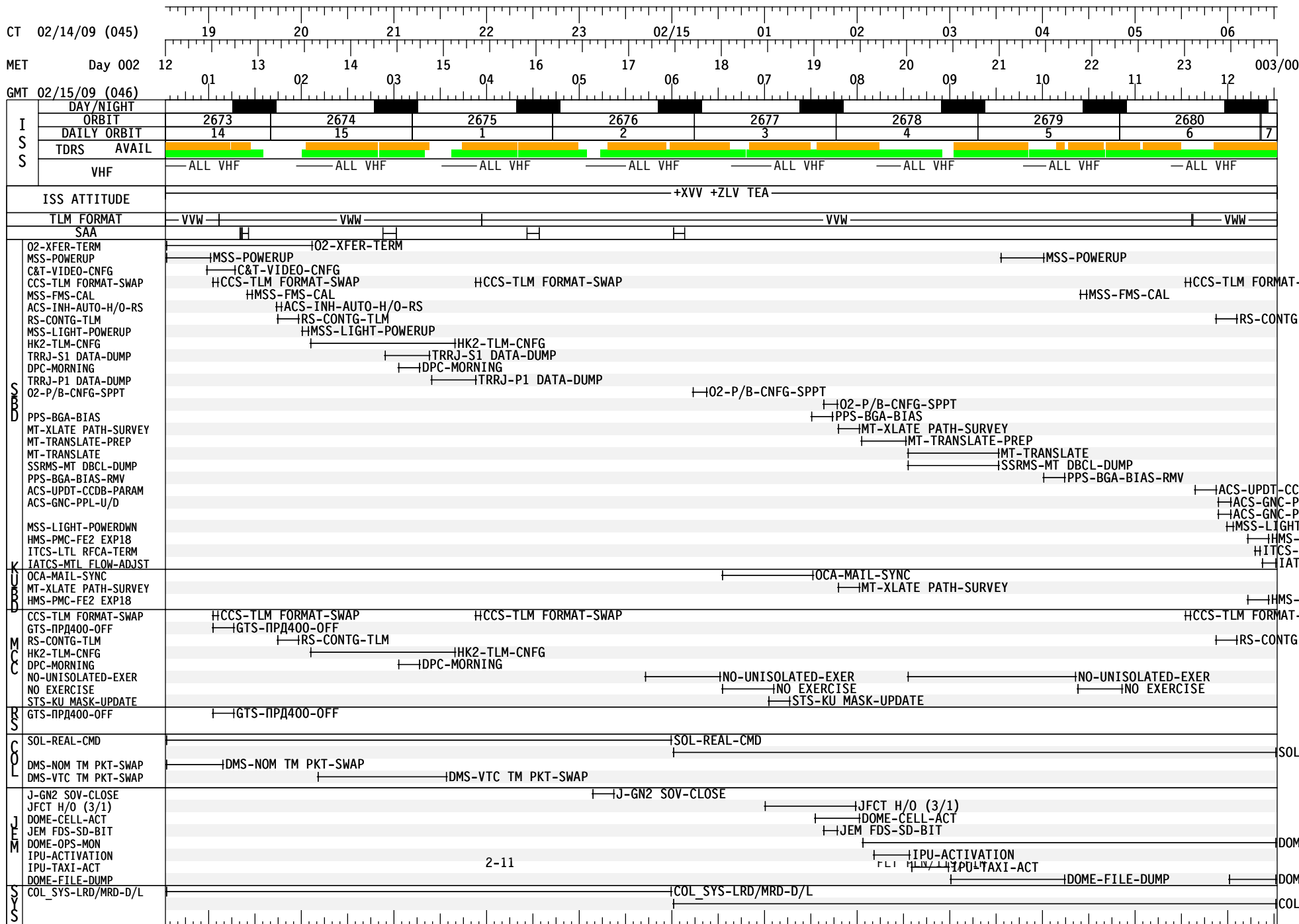
FLT PLN/119/FIN

STS-119/15A JNT MSN SHORT TERM PLAN

CT 02/14/09 (045)

MET Day 002

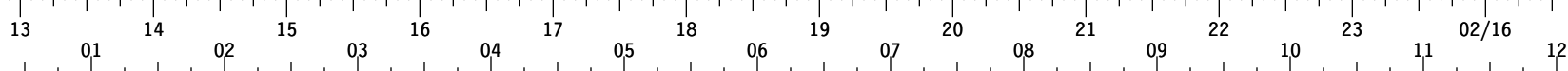
GMT 02/15/09 (046)



GMT 02/15/09 (046)

003/00

MET Day 003



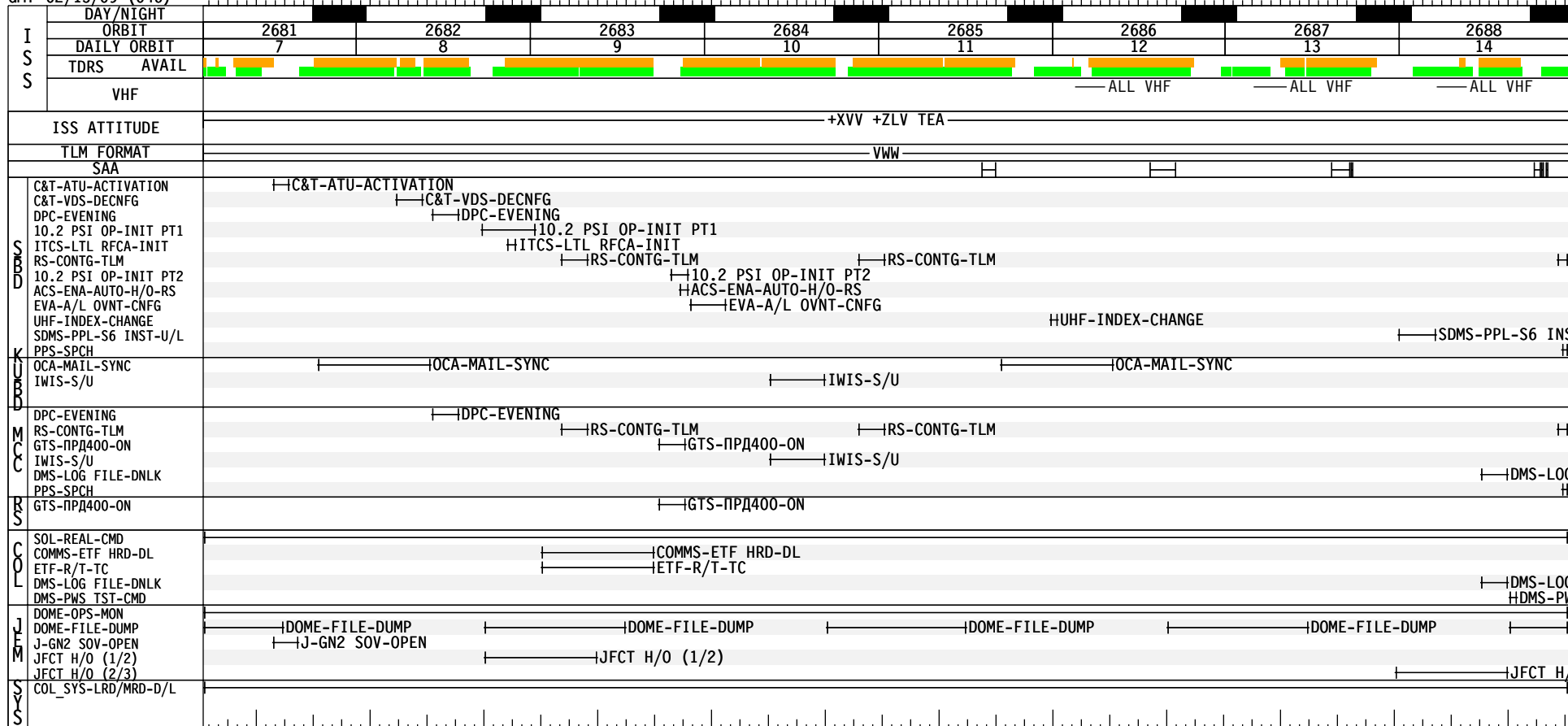
| | | | | | | | | | | | |
|---------------------------------|-----------------------------------|---|-------------------|---|-----------------------------|---------------|-------|----|----|----|--|
| S T S - 1 1 9 | FD04 CDR ARCHAMBAULT | | EVA 1 PROC RVW | PRE SLEEP | PMC A/G | PRE SLEEP | SLEEP | | | | |
| | PLT ANTONELLI | PRE SLEEP | EVA 1 PROC RVW | PRE SLEEP | MASK PB/ TOOL CNFG | PRE SLEEP | SLEEP | | | | |
| | MS1 ACABA | M U O S P | EVA 1 PROC RVW | PRE SLEEP | C R E W * | PRE SLEEP | SLEEP | | | | |
| | MS2 SWANSON | PRE SLEEP | EVA 1 PROC RVW | PRE SLEEP | MASK PB/TOOL CONFIG | PRE SLEEP | SLEEP | | | | |
| | MS3 ARNOLD | PRE SLEEP | EVA 1 PROC RVW | PRE SLEEP | MASK PB/TOOL CONFIG | PRE SLEEP | SLEEP | | | | |
| | MS4 PHILLIPS | M D M E X E R D U C I S E * | EVA 1 PROC RVW | PRE SLEEP | | | SLEEP | | | | |
| D N | FE-2 MAGNUS | TVIS | EVA 1 PROC RVW | P W R O R E R P K | * DPC | PRE SLEEP-ISS | SLEEP | | | | |
| E X P - 1 8 | ISS CDR FINCKE | PREP WORK | EVA 1 PROC RVW | C02 | * DPC | PRE SLEEP-ISS | SLEEP | | | | |
| | FE-1 LONCHAKOV | VELO ⊕ | EVA 1 PROC RVW | P W R O R E R P K | * DPC | PRE SLEEP-ISS | SLEEP | | | | |
| U P | FE-2 EXP18 WAKATA | PREP WORK | EVA 1 PROC RVW | P W R O R E R P K | * DPC | PRE SLEEP-ISS | SLEEP | | | | |
| DAY/NIGHT | | | | | | | | | | | |
| ORBIT | | | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | |
| TDRS | W E Z | [Timeline bars for TDRS W, E, Z] | | | | | | | | | |
| TDRS | ISS AVAIL | [Timeline bars for ISS AVAIL] | | | | | | | | | |
| ORB ATT | | | | | | | | | | | |
| NOTES | | ⊕PREP WORK *PRE SLEEP-ISS *STATUS CK *CHOICE D/L BIAS -XLV +ZVV | | | | | | | | | |

STS-119/15A JNT MSN SHORT TERM PLAN

CT 02/15/09 (046)

MET Day 003 003/00

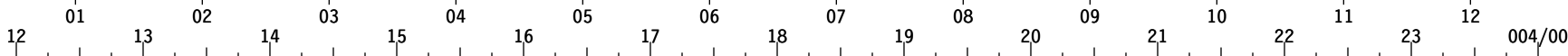
GMT 02/15/09 (046)



EXERCISE CONSTRAINTS - SEE DETAILS

GMT 02/16/09 (047)

MET Day 003



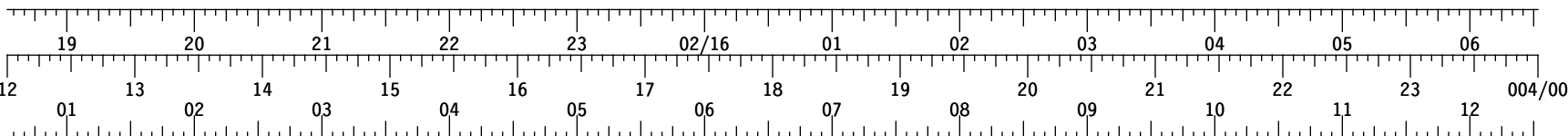
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|---------------------------------|----------------------------|--|----------------|-----------------------------|----------------------|--|----------------------|-------------------|-------------|------------------------|-----------------------|-----------------------|------------------|
| S T S - 1 1 9 | FD05 CDR ARCHAMBAULT | SLEEP | POST SLEEP | EXERCISE | EMU PREBREATHE | C_LK DPRS | P/TV07 EVA S/U | P/TV07 EVA OPS | MEAL | P/TV07 EVA OPS | P C R D L | O B S S * | |
| | PLT ANTONELLI | SLEEP | POST SLEEP | HYG BRK/ HATCH CLS | CAMPOUT EVA PREP | EMU PREBREATHE | C_LK DPRS | MEAL | MEAL | CINCH #2 | P C R D L | O B S S * | |
| | IV MS1 ACABA | SLEEP | POST SLEEP | EXERCISE | EVA1 IVA SPT PREP | EVA 1 IVA SUPPORT EVA 1 (6:30) | | | | | | | |
| | EV1 MS2 SWANSON | SLEEP | POST SLEEP | HYGN BREAK/ PREBRTH | CAMPOUT EVA PREP | EMU PREBREATHE | C_LK DPRS | S6 ATTACH | S6 UMB CNCT | PVR CINCH/ WINCH | BGA RLS | UNSTOW SABB | CLNUP & INGRS |
| | EV2 MS3 ARNOLD | SLEEP | POST SLEEP | HYGN BREAK/ PREBRTH | CAMPOUT EVA PREP | EMU PREBREATHE | C_LK DPRS | S6 ATTACH | S6 UMB CNCT | SABB LL RELEASE | UNSTOW SABB | CLNUP & INGRS | |
| | M1 MS4 PHILLIPS | SLEEP | POST SLEEP | S6 MNVR PRE INSTL | SSRMS EVA SUPT | S6 INSTALL | S6 RLS/ CLR | MEAL | | | | | |
| D N | FE-2 MAGNUS | SLEEP | POST SLEEP | EXERCISE TVIS | PWD SMPL | CO2 FFQ | MIDDAY-MEAL | MIDDAY-MEAL | RUSSIAN OPS | COX | IMS | EXERCISE TVIS | |
| | ISS CDR FINCKE | SLEEP | EXERCISE CEVIS | HYG BRK/ HATCH CLS | CAMPOUT EVA PREP | EMU PREBREATHE | C_LK DPRS | CWC FILL | MIDDAY-MEAL | RUSSIAN OPS | COX | IMS | EXERCISE ARED |
| E X P - 1 8 | FE-1 LONCHAKOV | SLEEP | POST SLEEP | RUSSIAN OPS | VELO | RUSSIAN OPS | MIDDAY-MEAL | RUSSIAN OPS | COX | IMS | EXERCISE TVIS | | |
| | M2 FE-2 EXP18 WAKATA | SLEEP | POST SLEEP | ADAPT | S6 MNVR PRE INSTL | ADAPT | S6 INSTALL | S6 RLS/ CLR | MIDDAY-MEAL | ADAPT | PCDF PU XFER | PCDF PU INSTL | PREP WORK |
| DAY/NIGHT | | [Day/Night Cycle] | | | | | | | | | | | |
| ORBIT | | [Orbit Cycle] | | | | | | | | | | | |
| TDRS | | [TDRS Cycle] | | | | | | | | | | | |
| TDRS ISS AVAIL | | [TDRS ISS AVAIL Cycle] | | | | | | | | | | | |
| ORB ATT | | BIAS -XLV +ZVV | | | | | | | | | | | |
| NOTES | | *FILTER CK *STATUS CK 2-14 | | | | | | | | | | | |
| | | *H/O *CLOSE *SSU/ECU COVER *RACK ACT1 | | | | | | | | | | | |
| | | FLT PLN/119/FIN | | | | | | | | | | | |

STS-119/15A JNT MSN SHORT TERM PLAN

CT 02/15/09 (046)

MET Day 003

GMT 02/16/09 (047)



| | | | | | | | | | | | | | |
|-----|-------------|--|------|------|------|------|------|------|------|--|--|--|--|
| ISS | DAY/NIGHT | [Visual representation of day/night cycle] | | | | | | | | | | | |
| | ORBIT | 2689 | 2690 | 2691 | 2692 | 2693 | 2694 | 2695 | 2696 | | | | |
| | DAILY ORBIT | 15 | 16 | 1 | 2 | 3 | 4 | 5 | 6 | | | | |
| | TDRS AVAIL | [Visual representation of TDRS availability] | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|----------------|--|---------------|--|--|--------------------|--|--|--|--|--|---------------|--|--|
| ISS ATTITUDE | | +XVV +ZLV TEA | | | | | | | | | +XVV +ZLV TEA | | |
| TLM FORMAT SAA | | VWV | | | MNVR to S6 Install | | | | | | VWV | | |

| | | | | | | | | | | | | | |
|-------|----------------------|---|--|--|--|--|--|-----------------------|--|--|--|--|--|
| ISS | RS-CONTG-TLM | [Visual representation of RS-CONTG-TLM] | | | | | | | | | | | |
| | PPS-SPCH | [Visual representation of PPS-SPCH] | | | | | | | | | | | |
| SBD | ACS-INH-AUTO-H/O-RS | [Visual representation of ACS-INH-AUTO-H/O-RS] | | | | | | | | | | | |
| | EVA-HYGIENE-BRK PT1 | [Visual representation of EVA-HYGIENE-BRK PT1] | | | | | | | | | | | |
| DPRCK | PPS-PCU FDIR-ENA | [Visual representation of PPS-PCU FDIR-ENA] | | | | | | | | | | | |
| | ACS-GNC-PPL-U/D | [Visual representation of ACS-GNC-PPL-U/D] | | | | | | | | | | | |
| CXM | PPS-POWERDOWN | [Visual representation of PPS-POWERDOWN] | | | | | | | | | | | |
| | EVA-HYGIENE-BRK PT2 | [Visual representation of EVA-HYGIENE-BRK PT2] | | | | | | | | | | | |
| DPRCK | CCS-TLM FORMAT-SWAP | | | | | | | HCCS-TLM FORMAT-SWAP | | | | | |
| | C&T-VIDEO-CNFG | [Visual representation of C&T-VIDEO-CNFG] | | | | | | | | | | | |
| DPRCK | PPS-SSARJ-LOCK | [Visual representation of PPS-SSARJ-LOCK] | | | | | | | | | | | |
| | DPC-MORNING | [Visual representation of DPC-MORNING] | | | | | | | | | | | |
| DPRCK | A/L RAPID DPRS-ENA | [Visual representation of A/L RAPID DPRS-ENA] | | | | | | | | | | | |
| | PPS-BGA-LOCK | [Visual representation of PPS-BGA-LOCK] | | | | | | | | | | | |
| DPRCK | ACS-ATT-MNVR-USTO | [Visual representation of ACS-ATT-MNVR-USTO] | | | | | | | | | | | |
| | ACS-MM-ACTIV W/ USTO | [Visual representation of ACS-MM-ACTIV W/ USTO] | | | | | | | | | | | |
| DPRCK | ISS-RAPID DPRS-INH | [Visual representation of ISS-RAPID DPRS-INH] | | | | | | | | | | | |
| | PPS-BGA/SARJ-UNLOCK | [Visual representation of PPS-BGA/SARJ-UNLOCK] | | | | | | | | | | | |
| DPRCK | 10.2 PSI OP-TERM PT1 | [Visual representation of 10.2 PSI OP-TERM PT1] | | | | | | | | | | | |
| | EVA-INHIBIT-PAD | [Visual representation of EVA-INHIBIT-PAD] | | | | | | | | | | | |
| DPRCK | ACS-MM-ACTIVATION | [Visual representation of ACS-MM-ACTIVATION] | | | | | | | | | | | |
| | PPS-BGA/SARJ-AUTO | [Visual representation of PPS-BGA/SARJ-AUTO] | | | | | | | | | | | |
| DPRCK | ACS-ATT-CCDB-UPDT | [Visual representation of ACS-ATT-CCDB-UPDT] | | | | | | | | | | | |
| | SDMS-S6 INST-DATATKE | [Visual representation of SDMS-S6 INST-DATATKE] | | | | | | | | | | | |
| DPRCK | 10.2 PSI OP-TERM PT2 | [Visual representation of 10.2 PSI OP-TERM PT2] | | | | | | | | | | | |
| | CDH-S5/S6 CNCT-RCNFG | [Visual representation of CDH-S5/S6 CNCT-RCNFG] | | | | | | | | | | | |
| DPRCK | 1553-S5/S6 CNCT-CNFG | | | | | | | H1553-S5/S6 CNCT-CNFG | | | | | |
| | PPS-S6-RBI-CLOSE | [Visual representation of PPS-S6-RBI-CLOSE] | | | | | | | | | | | |
| DPRCK | S6-ACT-PT1 | [Visual representation of S6-ACT-PT1] | | | | | | | | | | | |
| | C&DH-3B PVCU-ACT | [Visual representation of C&DH-3B PVCU-ACT] | | | | | | | | | | | |
| DPRCK | PPS-BGA-UNLOCK | [Visual representation of PPS-BGA-UNLOCK] | | | | | | | | | | | |
| | S6-ACT-P2/3 | [Visual representation of S6-ACT-P2/3] | | | | | | | | | | | |
| DPRCK | PPS-BGA-AUTO | [Visual representation of PPS-BGA-AUTO] | | | | | | | | | | | |
| | C&DH-1B PVCU-ACT | [Visual representation of C&DH-1B PVCU-ACT] | | | | | | | | | | | |
| DPRCK | CDH-S5/S6 CNCT-RSTOR | [Visual representation of CDH-S5/S6 CNCT-RSTOR] | | | | | | | | | | | |
| | S6-ECU-ACT | [Visual representation of S6-ECU-ACT] | | | | | | | | | | | |
| DPRCK | PPS-PVR-DEPLOY | [Visual representation of PPS-PVR-DEPLOY] | | | | | | | | | | | |
| | A/L-CCAA-RECNFG | [Visual representation of A/L-CCAA-RECNFG] | | | | | | | | | | | |
| DPRCK | MT-XLATE PATH-SURVEY | [Visual representation of MT-XLATE PATH-SURVEY] | | | | | | | | | | | |
| | MT-TRANSLATE-PREP | [Visual representation of MT-TRANSLATE-PREP] | | | | | | | | | | | |
| DPRCK | OCA-MAIL-SYNC | | | | | | | OCA-MAIL-SYNC | | | | | |
| | MT-XLATE PATH-SURVEY | [Visual representation of MT-XLATE PATH-SURVEY] | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|-----|---------------------|--|--|--|--|--|--|----------------------|--|--|--|--|--|
| CXM | RS-CONTG-TLM | [Visual representation of RS-CONTG-TLM] | | | | | | | | | | | |
| | PPS-SPCH | [Visual representation of PPS-SPCH] | | | | | | | | | | | |
| CXM | CCS-TLM FORMAT-SWAP | HCCS-TLM FORMAT-SWAP | | | | | | HCCS-TLM FORMAT-SWAP | | | | | |
| | GTS-PPD400-OFF | [Visual representation of GTS-PPD400-OFF] | | | | | | | | | | | |
| CXM | DPC-MORNING | [Visual representation of DPC-MORNING] | | | | | | | | | | | |
| | EVA-SYNCH-POINT | [Visual representation of EVA-SYNCH-POINT] | | | | | | | | | | | |
| CXM | EVA-INHIBIT-PAD | [Visual representation of EVA-INHIBIT-PAD] | | | | | | | | | | | |
| | IWIS-DATA-TAKE | [Visual representation of IWIS-DATA-TAKE] | | | | | | | | | | | |
| CXM | NO EXERCISE | [Visual representation of NO EXERCISE] | | | | | | | | | | | |
| | | [Visual representation of NO EXERCISE] | | | | | | | | | | | |

NO UNISOLATED EXERCISE

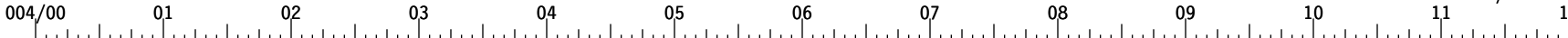
MT Translate

NO EXERCISE

During Pin Release

GMT 02/16/09 (047)

MET Day 004



| | | | | | | | | | | | | |
|-----------------|-------------------------|--|----------------|----------------------|----------------------|---------------|---------------|--------|-----------|-------|--|--|
| STS-119 | FD05 CDR ARCHAMBAULT | MUNDRAT | PRE SLEEP | PMCA/G | ETVARLTH | PSALET | MNVR ISS -XVV | PSALET | PRE SLEEP | SLEEP | | |
| | PLT ANTONELLI | CRPTKRS | POST EVA W/H2O | | MOP | PRE SLEEP | | | SLEEP | | | |
| | IV MS1 ACABA | MUOS | PRE SLEEP | BSA INIT | PRE SLEEP | | | SLEEP | | | | |
| | EV1 MS2 SWANSON | CRPTKRS | POST EVA | | TAMGUP | PRE SLEEP | | | SLEEP | | | |
| | EV2 MS3 ARNOLD | CRPTKRS | POST EVA | | MOP | CREW# | PRE SLEEP | | | SLEEP | | |
| | M1 MS4 PHILLIPS | MIDUKS# | PRE SLEEP | SSRMS WALKOFF NODE 2 | PRE SLEEP | | | SLEEP | | | | |
| EXP-18 | FE-2 MAGNUS | DPC | PREP WORK | EEVVAAG | PRE SLEEP-ISS | | | SLEEP | | | | |
| | ISS CDR FINCKE | DPC | LOCAD | POST EVA W/H2O | BSA INIT | PRE SLEEP-ISS | | | SLEEP | | | |
| UP | FE-1 LONCHAKOV | DPC | PREP WORK | PRE SLEEP-ISS | | | SLEEP | | | | | |
| | M2 FE-2 EXP18 WAKATA | DPC | PREP WORK | PRE SLEEP-ISS | SSRMS WALKOFF NODE 2 | PRE SLEEP-ISS | PMCPRE SLP | SLEEP | | | | |
| DAY/NIGHT ORBIT | | | | | | | | | | | | |
| TDRS WEZ | | | | | | | | | | | | |
| TDRS ISS AVAIL | | | | | | | | | | | | |
| ORB ATT | | BIAS -XLV +ZVV | | | | | | | | | | |
| ORB ATT | | BIAS -XLV -ZVV | | | | | | | | | | |
| NOTES | | #STATUS CK *D/L *CMG TO STS *STS TO CMG #CHOICE D/L @Flash Image D/L | | | | | | | | | | |

STS-119/15A JNT MSN SHORT TERM PLAN

CT 02/16/09 (047)

MET Day 004 004/00

GMT 02/16/09 (047)

| | | | | | | |
|--|-------------------------------------|---|------------------------|---|--------------------------------------|--|
| | DAY/NIGHT | ORBIT | DAILY ORBIT | TDRS AVAIL | VHF | |
| | 07 08 09 10 11 12 13 14 15 16 17 18 | 2697 2698 2699 2700 2701 2702 2703 2704 | 6 7 8 9 10 11 12 13 14 | 13 14 15 16 17 18 19 20 21 22 23 11 02/17 | ALL VHF -ALL VHF -XVV +ZLV TEA | |
| | +XVV +ZLV TEA MNVN to -XVV TEA | | | | | |
| | TLM FORMAT SAA | VWV | VWV | VWV | VWV | |

| | | | | | | |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|--|
| | DPC-EVENING | MT-TRANSLATE | SSRMS-MT DBCL-DUMP | PPS-POWERUP | EDR-PCDF-C/O | |
| | IDPC-EVENING | MT-TRANSLATE | SSRMS-MT DBCL-DUMP | PPS-POWERUP | EDR-PCDF-C/O | |
| | MSS-POWERUP | PPS-PCU FDIR-INH | PPS-SARJ-LOCK | POST-EVA-SPPT | PPS-SPCH | |
| | MSS-POWERUP | PPS-PCU FDIR-INH | PPS-SARJ-LOCK | POST-EVA-SPPT | PPS-SPCH | |
| | PPS-BGA-FTHR/LOCK | PPS-1B2-BATT-W/U | PPS-3B2-BATT-W/U | HMS-FMS-CAL | IRS-CONTG-TLM | |
| | PPS-1B2-BATT-W/U | PPS-3B2-BATT-W/U | IACS-CMG-DATA-DUMP | IRS-CONTG-TLM | IRS-CONTG-TLM | |
| | ACS-CMG-DATA-DUMP | HMS-FMS-CAL | IRS-CONTG-TLM | IRS-CONTG-TLM | IRS-CONTG-TLM | |
| | MSS-FMS-CAL | IRS-CONTG-TLM | IRS-CONTG-TLM | IRS-CONTG-TLM | IRS-CONTG-TLM | |
| | RS-CONTG-TLM | IRS-CONTG-TLM | IRS-CONTG-TLM | IRS-CONTG-TLM | IRS-CONTG-TLM | |
| | CHECS-COMMANDING | LOCK-OPS-RECORDER | SSRMS-BASE-CHANGE | HUHF-R/T-CYCLE | MSS-CAMERA-STOW | |
| | LOCK-OPS-RECORDER | SSRMS-BASE-CHANGE | HUHF-R/T-CYCLE | MSS-CAMERA-STOW | PPS-BGA-FTHR | |
| | SSRMS-BASE-CHANGE | HUHF-R/T-CYCLE | MSS-CAMERA-STOW | PPS-BGA-FTHR | ACS-H/O-ORB-CMGTA | |
| | HUHF-R/T-CYCLE | MSS-CAMERA-STOW | PPS-BGA-FTHR | ACS-H/O-ORB-CMGTA | HMS-PMC-FE2 EXP18 | |
| | MSS-CAMERA-STOW | PPS-BGA-FTHR | ACS-H/O-ORB-CMGTA | HMS-PMC-FE2 EXP18 | PPS-SARJ-UNLOCK | |
| | PPS-BGA-FTHR | ACS-H/O-ORB-CMGTA | HMS-PMC-FE2 EXP18 | PPS-SARJ-UNLOCK | HCCS-TLM FORMAT-SWAP | |
| | ACS-H/O-ORB-CMGTA | HMS-PMC-FE2 EXP18 | PPS-SARJ-UNLOCK | HCCS-TLM FORMAT-SWAP | HCCS-TLM FORMAT-SWAP | |
| | HMS-PMC-FE2 EXP18 | PPS-SARJ-UNLOCK | HCCS-TLM FORMAT-SWAP | HCCS-TLM FORMAT-SWAP | HCCS-TLM FORMAT-SWAP | |
| | PPS-SARJ-UNLOCK | HCCS-TLM FORMAT-SWAP | HCCS-TLM FORMAT-SWAP | HCCS-TLM FORMAT-SWAP | HCCS-TLM FORMAT-SWAP | |
| | CCS-TLM FORMAT-SWAP | HCCS-TLM FORMAT-SWAP | HCCS-TLM FORMAT-SWAP | HCCS-TLM FORMAT-SWAP | HCCS-TLM FORMAT-SWAP | |
| | C&T-VDS-DECNFG | EDR-PCDF-SCI START | IACS-MM-ACTIVATION | PPS-SARJ-AUTOTRK/DP | HACS-ENA-AUTO-H/O-RS | |
| | EDR-PCDF-SCI START | IACS-MM-ACTIVATION | PPS-SARJ-AUTOTRK/DP | HACS-ENA-AUTO-H/O-RS | IACS-GPS-RCNF | |
| | ACS-MM-ACTIVATION | PPS-SARJ-AUTOTRK/DP | HACS-ENA-AUTO-H/O-RS | IACS-GPS-RCNF | CDH-PVCU FINAL-CNFG | |
| | PPS-SARJ-AUTOTRK/DP | HACS-ENA-AUTO-H/O-RS | IACS-GPS-RCNF | CDH-PVCU FINAL-CNFG | SDMS-S6 INS-DATADUMP | |
| | ACS-ENA-AUTO-H/O-RS | IACS-GPS-RCNF | CDH-PVCU FINAL-CNFG | SDMS-S6 INS-DATADUMP | PPS-1B1-BATT-W/U | |
| | ACS-GPS-RCNF | CDH-PVCU FINAL-CNFG | SDMS-S6 INS-DATADUMP | PPS-1B1-BATT-W/U | PPS-3B1-BATT-W/U | |
| | CDH-PVCU FINAL-CNFG | SDMS-S6 INS-DATADUMP | PPS-1B1-BATT-W/U | PPS-3B1-BATT-W/U | PPS-1B2-CHARGE | |
| | SDMS-S6 INS-DATADUMP | PPS-1B1-BATT-W/U | PPS-3B1-BATT-W/U | PPS-1B2-CHARGE | PPS-3B2-CHARGE | |
| | PPS-1B1-BATT-W/U | PPS-3B1-BATT-W/U | PPS-1B2-CHARGE | PPS-3B2-CHARGE | ACS-GNC-PPL-U/D | |
| | PPS-3B1-BATT-W/U | PPS-1B2-CHARGE | PPS-3B2-CHARGE | ACS-GNC-PPL-U/D | PPS-3B BRS PIN-RLS | |
| | PPS-1B2-CHARGE | PPS-3B2-CHARGE | ACS-GNC-PPL-U/D | PPS-3B BRS PIN-RLS | PPS-1B BRS PIN-RLS | |
| | PPS-3B2-CHARGE | ACS-GNC-PPL-U/D | PPS-3B BRS PIN-RLS | PPS-1B BRS PIN-RLS | HUHF-INDEX-CHANGE | |
| | ACS-GNC-PPL-U/D | PPS-3B BRS PIN-RLS | PPS-1B BRS PIN-RLS | HUHF-INDEX-CHANGE | PPS-1B3-BATT-W/U | |
| | PPS-3B BRS PIN-RLS | PPS-1B BRS PIN-RLS | HUHF-INDEX-CHANGE | PPS-1B3-BATT-W/U | PPS-3B3-BATT-W/U | |
| | PPS-1B BRS PIN-RLS | HUHF-INDEX-CHANGE | PPS-1B3-BATT-W/U | PPS-3B3-BATT-W/U | PPS-1B-CHARGE | |
| | HUHF-INDEX-CHANGE | PPS-1B3-BATT-W/U | PPS-3B3-BATT-W/U | PPS-1B-CHARGE | PPS-3B-CHARGE | |
| | PPS-1B3-BATT-W/U | PPS-3B3-BATT-W/U | PPS-1B-CHARGE | PPS-3B-CHARGE | PPS-1B-CHARGE | |
| | PPS-3B3-BATT-W/U | PPS-1B-CHARGE | PPS-3B-CHARGE | PPS-1B-CHARGE | PPS-3B-CHARGE | |
| | PPS-1B-CHARGE | PPS-3B-CHARGE | PPS-1B-CHARGE | PPS-3B-CHARGE | PPS-1B-CHARGE | |
| | PPS-3B-CHARGE | PPS-1B-CHARGE | PPS-3B-CHARGE | PPS-1B-CHARGE | PPS-3B-CHARGE | |

| | | | | | | |
|--|---------------|-------------------|--------------------|--------------------|--------------------|--|
| | EDR-PCDF-C/O | OCA-MAIL-SYNC | HMS-PMC-FE2 EXP18 | EDR-PCDF-SCI START | IWIS-DATA-DOWNLOAD | |
| | EDR-PCDF-C/O | OCA-MAIL-SYNC | HMS-PMC-FE2 EXP18 | EDR-PCDF-SCI START | IWIS-DATA-DOWNLOAD | |
| | OCA-MAIL-SYNC | HMS-PMC-FE2 EXP18 | EDR-PCDF-SCI START | IWIS-DATA-DOWNLOAD | EDR-PCDF-SCI START | |

| | | | | | | |
|--|--------------------|--------------------|---------------|------------------|------------------|--|
| | DPC-EVENING | NO-UNISOLATED-EXER | PPS-SPCH | GTS-PPD400-ON | PPS-1B2-BATT-W/U | |
| | IDPC-EVENING | NO-UNISOLATED-EXER | PPS-SPCH | GTS-PPD400-ON | PPS-1B2-BATT-W/U | |
| | NO-UNISOLATED-EXER | PPS-SPCH | GTS-PPD400-ON | PPS-1B2-BATT-W/U | PPS-1B2-BATT-W/U | |

NO EXERCISE While Double-Grappled NO EXERCISE During LCS Imaging NO EXERCISE While Double-Grappled

GMT 02/17/09 (048)

MET Day 004

12 01 02 03 04 05 06 07 08 09 10 11 12 005/00

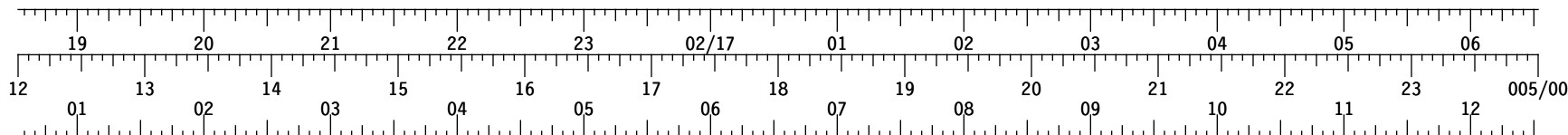
| | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|-------------------------------|----------------------------------|----------------|---------------------|----------------|----------------|---------------|--------------------|----------------------|---------------|----------------------|----------------------|--------------|----------------|----------------|------------|------------------|--------------------|---------|------------|-------|--------------------|
| S T S - 1 1 9 | FD06 R3 CDR ARCHAMBAULT | POST SLEEP | FI DOUG REVIEW | ROBOTICS CAMERA SPT | | | | FOCUSED INSPECTION | | | | OBSS | OUNSG SPL | MRL* | EXERCISE | PCRD | | | | | | |
| | R1 PLT ANTONELLI | POST SLEEP | FI DOUG REVIEW | POST SLEEP | MI | FILTER INSPECT | RMS GRAP OBSS | CLEAR | FOCUSED INSPECTION | | | | OBSS | OUNSG SPL | EXERCISE | COND CWC/O | DUMP EQUIP GTHR | PCRD | MOP | | | |
| | R2 MS1 ACABA | POST SLEEP | FI DOUG REVIEW | EXERCISE | EMU SWAP | RC/BOA | RMS GRAP OBSS | CLEAR | FOCUSED INSPECTION | | | | E_LK PREP | TOOL CONFIG | TOOL AUDIT | MUS | PRE SLEEP | | | | | |
| | MS2 SWANSON | POST SLEEP | EXERCISE | BSA-INIT | EMU SWAP | BMI AENTT/XTL | XFER OPS | | | CINW C I T #3 | MEAL | CTWE C R M | CXW F E R | E_LK PREP | TOOL CONFIG | TOOL AUDIT | PRE SLEEP | | | | | |
| | MS3 ARNOLD | POST SLEEP | EXERCISE | POST SLEEP | MXU DFRD K # | XFER OPS | | | | MEAL | XFER OPS | PG/LTCR | XFER OPS | MDDK* | DA UNPACK XFER | TOOL AUDIT | XTFA EGRUP | XBFR IOP | MOP | | | |
| | M1 MS4 PHILLIPS | POST SLEEP | SRSLRMS* | OBSS PGRPL | GRB SPL | OBSS UNBTH | OBSS MNVR H/O | ORLSS | SSRMS MNVR VIEW SPPT | MEAL | SSRMS CAMERA SUPPORT | | | OBSS PGRPL | GRB SPL | OBSS BERTH | ORLSS | SSRMS WLKOFF PDGF1 | | | | |
| D N | FE-2 MAGNUS | POST SLEEP | PREP WORK | DPC | EXERCISE TVIS | BSA-INIT | WINSCT | MIDDAY-MEAL | | | GLACIER ISS XFER | | | DA UNPACK XFER | EXERCISE TVIS | XTFA EGRUP | PREP WORK | | | | | |
| | ISS CDR FINCKE | POST SLEEP | D2X PREP WORK | DPC | EXERCISE CEVIS | D7/26 XOS* | MIDDAY-MEAL | | | FFOWINSCT | DC2A XMR | D2XS FLSH | EXERCISE ARE | CO2 | 76* | PREP WORK | | | | | | |
| E X P - 1 8 | FE-1 LONCHAKOV | POST SLEEP | PREP WORK | DPC | EXERCISE TVIS | RUSSIAN OPS | | IMS | PEAVO ENT | MIDDAY-MEAL | COX MNT | RUSSIAN OPS | | PREP WORK | VELO | | | | | | | |
| | M2 FE-2 EXP18 WAKATA | POST SLEEP | PREP WORK | DPC | SRSLRMS* | OBSS PGRPL | GRB SPL | OBSS UNBTH | OBSS MNVR H/O | ADAPT | ORLSS | SSRMS MNVR VIEW SPPT | ADAPT | PEAVO ENT | MIDDAY-MEAL | ADAPT | GLACIER STS XFER | OBSS PGRPL | GRB SPL | OBSS BERTH | ORLSS | SSRMS WLKOFF PDGF1 |
| DAY/NIGHT ORBIT | | 72 | | 73 | | 74 | | 75 | | 76 | | 77 | | 78 | | 79 | | 80 | | | | |
| TDRS WEZ | | 72 | | 73 | | 74 | | 75 | | 76 | | 77 | | 78 | | 79 | | 80 | | | | |
| TDRS ISS AVAIL | | 72 | | 73 | | 74 | | 75 | | 76 | | 77 | | 78 | | 79 | | 80 | | | | |
| ORB ATT | | 72 | | 73 | | 74 | | 75 | | 76 | | 77 | | 78 | | 79 | | 80 | | | | |
| NOTES | | *PRI B - OFF @RELEASE #STATUS CK | | | | | | | | | | +MNVR H/O *LATCH | | | | | | | | | | |
| | | *FILTER CK | | | | | | | | | | *STATUS CK | | | | | | | | | | |
| | | *PDGF 1 | | | | | | | | | | | | | | | | | | | | |
| | | 2-18 | | | | | | | | | | FLT PLN/119/FIN | | | | | | | | | | |

STS-119/15A JNT MSN SHORT TERM PLAN

CT 02/16/09 (047)

MET Day 004

GMT 02/17/09 (048)



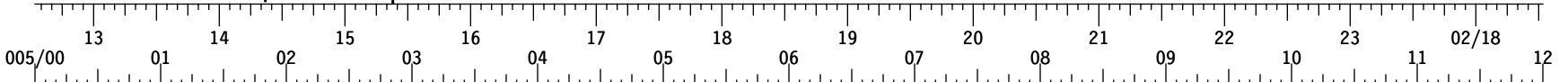
| ISS | DAY/NIGHT | [Day/Night Cycle] | | | | | | | | | | | | |
|---------------------|----------------------|--------------------------|------|------|------|------|------|------|------|------|---------------------|---------------------|---------------------|--|
| | ORBIT | 2704 | 2705 | 2706 | 2707 | 2708 | 2709 | 2710 | 2711 | 2712 | | | | |
| | DAILY ORBIT | 14 | 15 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | | |
| | TDRS AVAIL | [TDRS Availability Bars] | | | | | | | | | | | | |
| VHF | ALL VHF | | | | | | | | | | | | | |
| ISS ATTITUDE | | -XVV +ZLV TEA | | | | | | | | | | | | |
| TLM FORMAT SAA | | VWV | | | | | | | | | | | | |
| DBUS | PPS-1B-CHARGE | | | | | | | | | | | PPS-1B-CHARGE | | |
| | PPS-3B-CHARGE | | | | | | | | | | | PPS-3B-CHARGE | | |
| | RS-CONTG-TLM | IRS-CONTG-TLM | | | | | | | | | | IRS-CONTG-TLM | | |
| | ACS-INH-AUTO-H/O-RS | HACS-INH-AUTO-H/O-RS | | | | | | | | | | | | |
| | C&T-VIDEO-CNFG | C&T-VIDEO-CNFG | | | | | | | | | | | | |
| | MSS-LIGHT-POWERUP | HMSS-LIGHT-POWERUP | | | | | | | | | | | | |
| | DPC-MORNING | DPC-MORNING | | | | | | | | | | | | |
| | CCS-TLM FORMAT-SWAP | HCCS-TLM FORMAT-SWAP | | | | | | | | | | | | |
| | A/L-CCAA-RECENFG | A/L-CCAA-RECENFG | | | | | | | | | | | | |
| | PPS-1B3-CHARGE | | | | | | | | | | | PPS-1B3-CHARGE | PPS-1B3-CHARGE | |
| PPS-3B3-CHARGE | | | | | | | | | | | PPS-3B3-CHARGE | PPS-3B3-CHARGE | | |
| HK2-TLM-CNFG | | | | | | | | | | | HK2-TLM-CNFG | | | |
| FDS-SD ABIT-SYNC | | | | | | | | | | | FDS-SD ABIT-SYNC | | | |
| ITCS-LTL RFCA-TERM | | | | | | | | | | | HITCS-LTL RFCA-TERM | | | |
| SSRMS-BASE-CHANGE | | | | | | | | | | | SSRMS-BASE-CHANGE | | | |
| OCA-MAIL-SYNC | | | | | | | | | | | OCA-MAIL-SYNC | | | |
| CCM | PPS-1B-CHARGE | | | | | | | | | | | PPS-1B-CHARGE | | |
| | PPS-3B-CHARGE | | | | | | | | | | | PPS-3B-CHARGE | | |
| | RS-CONTG-TLM | IRS-CONTG-TLM | | | | | | | | | | IRS-CONTG-TLM | | |
| | DPC-MORNING | DPC-MORNING | | | | | | | | | | | | |
| CCS-TLM FORMAT-SWAP | HCCS-TLM FORMAT-SWAP | | | | | | | | | | | | | |
| NO EXERCISE | NO EXERCISE | | | | | | | | | | NO EXERCISE | | | |
| PPS-1B3-CHARGE | | | | | | | | | | | PPS-1B3-CHARGE | PPS-1B3-CHARGE | | |
| PPS-3B3-CHARGE | | | | | | | | | | | PPS-3B3-CHARGE | PPS-3B3-CHARGE | | |
| HK2-TLM-CNFG | | | | | | | | | | | HK2-TLM-CNFG | | | |
| SOL | SOL-REAL-CMD | | | | | | | | | | | SOL-REAL-CMD | SOL-REAL-CMD | |
| | COMMS-EDR HRD-DL | | | | | | | | | | | COMMS-EDR HRD-DL | COMMS-EDR HRD-DL | |
| | EDR-PCDF-CMD | | | | | | | | | | | EDR-PCDF-CMD | EDR-PCDF-CMD | |
| | EDR-PCDF-RES | | | | | | | | | | | EDR-PCDF-RES | EDR-PCDF-RES | |
| ECL-SD SYNC | | | | | | | | | | | ECL-SD SYNC | ECL-SD SYNC | | |
| DMS-VTC TM PKT-CNFG | | | | | | | | | | | DMS-VTC TM PKT-CNFG | DMS-VTC TM PKT-CNFG | | |
| DOME | DOME-OPS-MON | | | | | | | | | | | JEM FDS-SD-BIT | DOME-OPS-MON | |
| | JFCT H/O (3/1) | | | | | | | | | | | JFCT H/O (3/1) | | |
| | IPU-ACTIVATION | | | | | | | | | | | IPU-ACTIVATION | IPU-ACTIVATION | |
| | IPU-TAXI-ACT | | | | | | | | | | | IPU-TAXI-ACT | IPU-TAXI-ACT | |
| DOME-FILE-DUMP | | | | | | | | | | | DOME-FILE-DUMP | DOME-FILE-DUMP | | |
| IPU-HRDL-TERM | | | | | | | | | | | IPU-HRDL-TERM | IPU-HRDL-TERM | | |
| IPU-DEACTIVATION | | | | | | | | | | | IPU-DEACTIVATION | IPU-DEACTIVATION | | |
| J-PLBUS CH-RCN | | | | | | | | | | | J-PLBUS CH-RCN | J-PLBUS CH-RCN | | |
| SYS | COL_SYS-LRD/MRD-D/L | 2-19 | | | | | | | | | | COL_SYS-LRD/MRD-D/L | COL_SYS-LRD/MRD-D/L | |
| | | | | | | | | | | | | FLT PLN/119/FIN | COL_SYS-LRD/MRD-D/L | |

NO UNISOLATED EXERCISE

MT Translate

GMT 02/17/09 (048)

MET Day 005



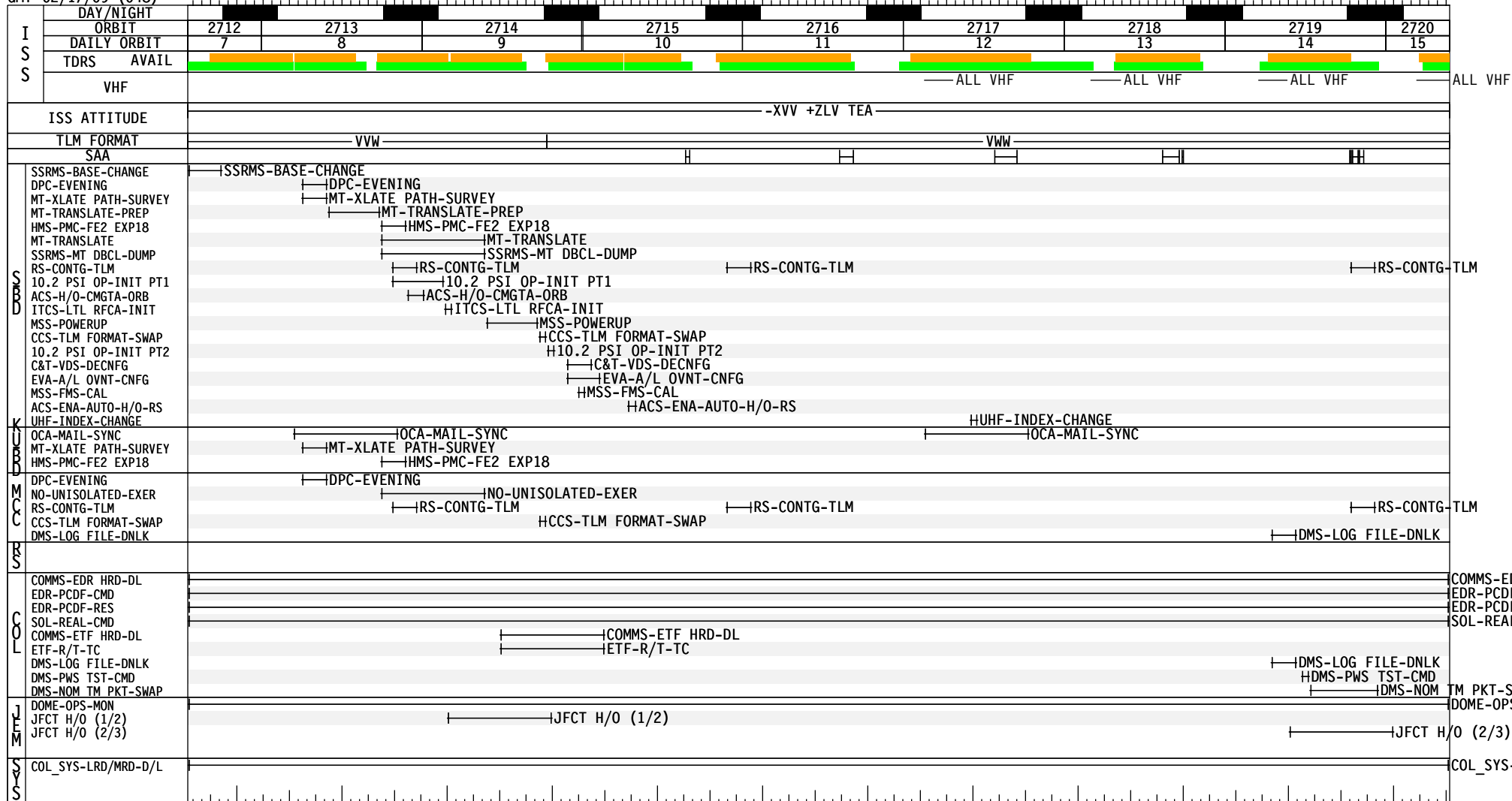
| | | | | | | |
|---------------------------------|--------------------------------------|---|---------------------------|-------------------------------|-------------------------------|------------------------|
| S T S - 1 1 9 | FD06 R3 CDR ARCHAMBAULT | EVA 2 PROC RVW | PS RL EE EP | PMC A/G | PRE SLEEP | SLEEP |
| | R1 PLT ANTONELLI | EVA 2 PROC RVW | PRE SLEEP | MASK PB/ TOOL CONFIG | PRE SLEEP | SLEEP |
| | R2 MS1 ACABA | EVA 2 PROC RVW | PRE SLEEP | MASK PB/TOOL CONFIG | PRE SLEEP | SLEEP |
| | MS2 SWANSON | EVA 2 PROC RVW | PRE SLEEP | MASK PB/TOOL CONFIG | PRE SLEEP | SLEEP |
| | MS3 ARNOLD | EVA 2 PROC RVW | PRE SLEEP | CREW* | PRE SLEEP | SLEEP |
| | M1 MS4 PHILLIPS | EVA 2 PROC RVW | SR SL RS M# S | SSRMS MNV R XLAT | PRE SLEEP | SLEEP |
| D N | FE-2 MAGNUS | EVA 2 PROC RVW | PRE REP | DPC | PRE SLEEP-ISS | SLEEP |
| | ISS CDR FINCKE | EVA 2 PROC RVW | PRE REP | DPC | PRE SLEEP-ISS | SLEEP |
| E X P - 1 8 | FE-1 LONCHAKOV | EVA 2 PROC RVW | PRE REP | DPC | PRE SLEEP-ISS | SLEEP |
| | M2 FE-2 EXP18 WAKATA | EVA 2 PROC RVW | SR SL RS M# S | SSRMS MNV R XLAT | DPC PRE REP * PMC | PRE SLEEP-ISS SLEEP |
| DAY/NIGHT | | [Timeline with Day/Night indicators] | | | | |
| ORBIT | | [Timeline with Orbit indicators] | | | | |
| TDRS W E Z | | [Timeline with TDRS W/E/Z indicators] | | | | |
| TDRS ISS AVAIL | | [Timeline with TDRS ISS AVAIL indicators] | | | | |
| ORB ATT | | [Timeline with ORB ATT indicators] | | | | |
| NOTES | | #NODE 2 *PRE SLEEP-ISS *CHOICE D/L | | | | |

STS-119/15A JNT MSN SHORT TERM PLAN

CT 02/17/09 (048)

MET Day 005 005/00

GMT 02/17/09 (048)



NOTES:

NO UNISOLATED EXERCISE NO EXERCISE

P6 BATT R&R UCCAS DEPLOYS

NO EXERCISE

PAS DEPLOYS

GMT 02/18/09 (049)

MET Day 005



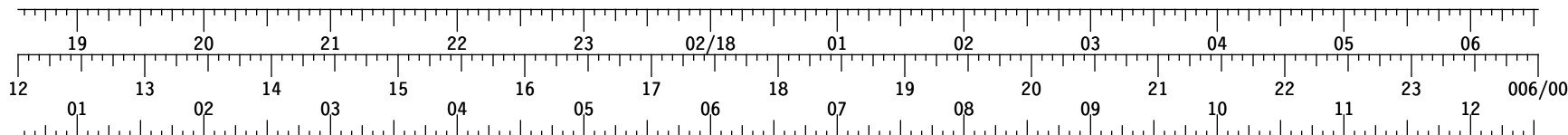
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|-----------------|--------------------------------|--|---------------------|------------------|-------------------|--------------------------------|------------------|---------------------|--------------------|------------------|-----------------|-------------------------------------|-------------|
| STS-119 | FD07 CDR ARCHAMBAULT | POST SLEEP | POST SLEEP | CAMPOUT EVA PREP | EMU PREBREATHE | C_LK DPRS | P/TV 07 EVA OPS | MEAL | P/TV07 EVA OPS | SAW @ | EXERCISE | | |
| | PLT ANTONELLI | POST SLEEP | HYG BRK/HATCH CLS | CAMPOUT EVA PREP | EMU PREBREATHE | C_LK DPRS | P/TV 07 EVA OPS | MEAL | EXERCISE | SAW @ | EXERCISE | | |
| | EV2 MS1 ACABA | POST SLEEP | HYGN BREAK/PREBRTHE | CAMPOUT EVA PREP | EMU PREBREATHE | C_LK DPRS | P6 BATT R&R PREP | P3 NADIR UCCAS DPLY | P1/P3 FLUID JUMPER | P1 FHRC P-CLAMPS | S3 PAS DEPLOYS | APFR RTRV | CLNUP /INGR |
| | EV1 MS2 SWANSON | POST SLEEP | HYGN BREAK/PREBRTHE | CAMPOUT EVA PREP | EMU PREBREATHE | C_LK DPRS | P6 BATT R&R PREP | P3 NADIR UCCAS DPLY | P1 FHRC P-CLAMPS | S3 PAS DEPLOYS | TOOL STCHN RLCT | CLNUP /INGR | |
| | IV MS3 ARNOLD | POST SLEEP | | EXERCISE | EVA2 IVA SPT PREP | EVA 2 (6:30) EVA 2 IVA SUPPORT | | | | | | | |
| | MS4 PHILLIPS | POST SLEEP | SSRMS EVA 2 VIEW | POST SLEEP | EXERCISE | XFER OPS | MEAL | DA PACK XFER | XFER OPS | SAW VIEW MNVR | | | |
| | DN FE-2 MAGNUS | POST SLEEP | DPC | SSRMS EVA 2 VIEW | EXERCISE TVIS | DA R&R PART1 | HRDMNT KIT INST | DA R&R PART2 | MIDDAY-MEAL | DA PACK XFER | HANDOVER | EXERCISE TVIS | CO2 |
| | EXP-18 ISS CDR FINCKE | POST SLEEP | HYG BRK/HATCH CLS | CAMPOUT EVA PREP | EMU PREBREATHE | C_LK DPRS | EXERCISE ARE | CO2 | MIDDAY-MEAL | HANDOVER | JRN L | EXERCISE CEVIS | PRE SLP |
| | FE-1 LONCHAKOV | POST SLEEP | DPCAM | PREP WORK | VELO | EXERCISE TVIS | COX MNT | MIDDAY-MEAL | RUSSIAN OPS | | | IMS | PWR ORPK |
| | UP FE-2 EXP18 WAKATA | POST SLEEP | HYG BRK/HATCH CLS | CAMPOUT EVA PREP | ADAPTATION | DOME GENE XFER | MIDDAY-MEAL | HANDOVER | HANDOVER | | SAW VIEW MNVR | PRE SLP | * |
| DAY/NIGHT ORBIT | | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | | | |
| TDRS | W E Z | [Timeline bars for TDRS W E Z] | | | | | | | | | | | |
| TDRS | ISS AVAIL | [Timeline bars for ISS AVAIL] | | | | | | | | | | | |
| ORB ATT | | BIAS -XLV -ZVV | | | BIAS -XLV +YVV | | | BIAS -XLV -ZVV | | | | | |
| NOTES | | %FILTER CK *CMG TO STS +STATUS CK 2-22 | | | | | #STS TO CMG | | | | | @DEPLOY *POST EVA W VIEW *STATUS CK | |

STS-119/15A JNT MSN SHORT TERM PLAN

CT 02/17/09 (048)

MET Day 005

GMT 02/18/09 (049)



| ISS | DAY/NIGHT | 2720 | 2721 | 2722 | 2723 | 2724 | 2725 | 2726 | 2727 | 2728 |
|-----|-------------|--------------------------------------|------|------|------|------|------|------|------|------|
| | ORBIT | 15 | 16 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | DAILY ORBIT | 15 | 16 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | TDRS AVAIL | [Green bars indicating availability] | | | | | | | | |

| | | | | | | | | | | |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| VHF | ALL VHF | ALL VHF | ALL VHF | ALL VHF | ALL VHF | ALL VHF | ALL VHF | ALL VHF | ALL VHF | ALL VHF |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|

| | | | | |
|--------------|---------------|------------------|-----------|---------------|
| ISS ATTITUDE | -XVV +ZLV TEA | MNVR to DUMP ATT | -XVV +ZLV | -XVV +ZLV TEA |
|--------------|---------------|------------------|-----------|---------------|

| | | | | |
|------------|-----|-----|-----|-----|
| TLM FORMAT | VVW | VVW | VVW | VVW |
|------------|-----|-----|-----|-----|

| ISS | Event | Start | End |
|-----|----------------------|-------|-------|
| D | EVA-HYGIENE-BRK PT1 | 18:00 | 19:00 |
| | ACS-INH-AUTO-H/O-RS | 18:00 | 19:00 |
| | C&T-VIDEO-CNFG | 18:00 | 19:00 |
| | PPS-PWR DOWN & RCVRY | 18:00 | 19:00 |
| | EVA-HYGIENE-BRK PT2 | 19:00 | 20:00 |
| | CCS-TLM FORMAT-SWAP | 19:00 | 20:00 |
| | TRRJ-P1 DATA-DUMP | 19:00 | 20:00 |
| | MSS-LIGHT-POWERUP | 19:00 | 20:00 |
| | DPC-MORNING | 19:00 | 20:00 |
| | PPS-SARJ-LOCK | 19:00 | 20:00 |
| S | A/L RAPID DPRS-ENA | 19:00 | 20:00 |
| | PPS-PCU FDIR-ENA | 19:00 | 20:00 |
| | ACS-CMG-DATA-DUMP | 19:00 | 20:00 |
| | PPS-BGA-FTHR/LOCK | 19:00 | 20:00 |
| | ACS-H/O-CMGTA-ORB | 19:00 | 20:00 |
| | LOCK-OPS-RECORDER | 19:00 | 20:00 |
| | ISS-RAPID DPRS-INH | 19:00 | 20:00 |
| | 10.2 PSI OP-TERM PT1 | 19:00 | 20:00 |
| | EVA-INHIBIT-PAD | 19:00 | 20:00 |
| | 10.2 PSI OP-TERM PT2 | 19:00 | 20:00 |
| C | PPS-BGA-FTHR | 19:00 | 20:00 |
| | ACS-STG/CMG ATT-H/O | 19:00 | 20:00 |
| | PPS-BGA-AUTO | 19:00 | 20:00 |
| | PPS-SARJ-UNLOCK | 19:00 | 20:00 |
| | IN2-XFER-TERM-SPPT | 19:00 | 20:00 |
| | ACS-MM-ACTIVATION | 19:00 | 20:00 |
| | PAS1-RTL-CHECKOUT | 19:00 | 20:00 |
| | UCCAS2-RTL-CHECKOUT | 19:00 | 20:00 |
| | A/L-CCAA-RECNG | 19:00 | 20:00 |
| | MSS-LIGHT-POWERDWN | 19:00 | 20:00 |
| M | OCA-MAIL-SYNC | 19:00 | 20:00 |
| | GTS-PPD400-OFF | 19:00 | 20:00 |
| | CCS-TLM FORMAT-SWAP | 19:00 | 20:00 |
| | DPC-MORNING | 19:00 | 20:00 |
| | ACS-CMG-DATA-DUMP | 19:00 | 20:00 |
| | LOCK-OPS-RECORDER | 19:00 | 20:00 |
| | EVA-INHIBIT-PAD | 19:00 | 20:00 |
| | NO EXERCISE | 19:00 | 20:00 |
| | PAS1-RTL-CHECKOUT | 19:00 | 20:00 |
| | STS-KU MASK-UPDATE | 19:00 | 20:00 |
| R | GTS-PPD400-OFF | 19:00 | 20:00 |
| | COMMS-EDR HRD-DL | 19:00 | 20:00 |
| | EDR-PCDF-CMD | 19:00 | 20:00 |
| | EDR-PCDF-RES | 19:00 | 20:00 |
| | SOL-REAL-CMD | 19:00 | 20:00 |
| | DOME-OPS-MON | 19:00 | 20:00 |
| | J-GN2 SOV-CLOSE | 19:00 | 20:00 |
| | JEM FDS-SD-BIT | 19:00 | 20:00 |
| | JEM FDS-SD-BIT | 19:00 | 20:00 |
| | JEM FDS-SD-BIT | 19:00 | 20:00 |

| | | | | |
|-----|-----|-----|-----|-----|
| ISS | ISS | ISS | ISS | ISS |
|-----|-----|-----|-----|-----|

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| ISS | ISS | ISS | ISS | ISS |
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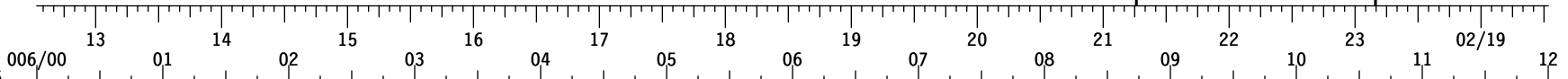
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| ISS | ISS | ISS | ISS | ISS |
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NO EXERCISE
During 1B and 3B Deploy 1 Bay

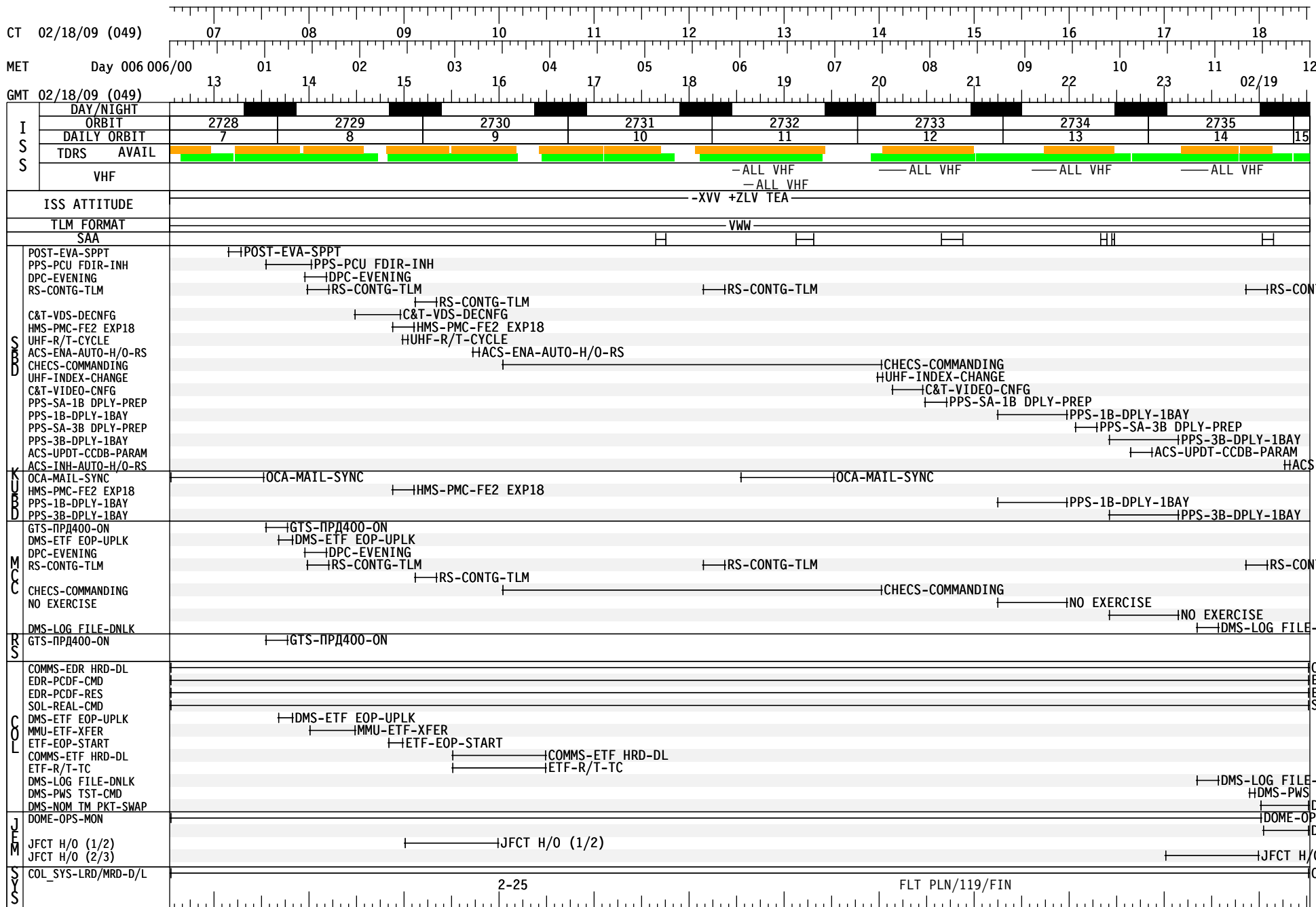
GMT 02/18/09 (049)

MET Day 006



| | | | | | | | | | | | | | | | | | |
|-----------------|-------------------------|---|-----------|----------|---------------|---------------|-----------|------------|------------|------------|--|-----|--|-----|--|-----|--|
| STS-119 | FD07 CDR ARCHAMBAULT | EXERCISE | PRE SLEEP | ETVAGUP | PRE SLEEP | PMC A/G | PRE SLEEP | SLEEP | POST SLEEP | | | | | | | | |
| | PLT ANTONELLI | POST EVA W/H2O, METOX | | CREW* | PRE SLEEP | | SLEEP | POST SLEEP | | | | | | | | | |
| | EV2 MS1 ACABA | POST EVA | | MUOSP | PRE SLEEP | | SLEEP | POST SLEEP | | | | | | | | | |
| | EV1 MS2 SWANSON | POST EVA | | HAGUP | PRE SLEEP | | SLEEP | POST SLEEP | | | | | | | | | |
| | IV MS3 ARNOLD | ILLOP | PRE SLEEP | BSA* | BSA INIT | PRE SLEEP | | SLEEP | POST SLEEP | | | | | | | | |
| | MS4 PHILLIPS | XTXBF FAFR EGER RUPF | PRE SLEEP | | | | SLEEP | POST SLEEP | | | | | | | | | |
| DN | FE-2 MAGNUS | PREP WORK | EEVAA** | PRE SLP | DPC | PRE SLEEP-ISS | | SLEEP | POST SLEEP | | | | | | | | |
| | ISS CDR FINCKE | POST EVA W/H2O, METOX | | BSA INIT | DPC | PRE SLEEP-ISS | | SLEEP | POST SLEEP | | | | | | | | |
| EXP-18 | FE-1 LONCHAKOV | PREP WORK | PRE SLP | DPC | PRE SLEEP-ISS | | SLEEP | POST SLEEP | | | | | | | | | |
| UP | FE-2 EXP18 WAKATA | POST EVA W/H2O, METOX | | PRE SLP | DPC | PRE SLEEP | PMC | PRE SLEEP | SLEEP | POST SLEEP | | | | | | | |
| DAY/NIGHT ORBIT | | 96 | | 97 | | 98 | | 99 | | 100 | | 101 | | 102 | | 103 | |
| TDRS | WEZ | [Timeline of TDRS events] | | | | | | | | | | | | | | | |
| TDRS | ISS AVAIL | [Timeline of ISS AVAIL events] | | | | | | | | | | | | | | | |
| ORB ATT | | BIAS -XLV -ZVV | | | | | | | | | | | | | | | |
| NOTES | | *D/L *CHOICE D/L *TERM *Flash Image D/L | | | | | | | | | | | | | | | |

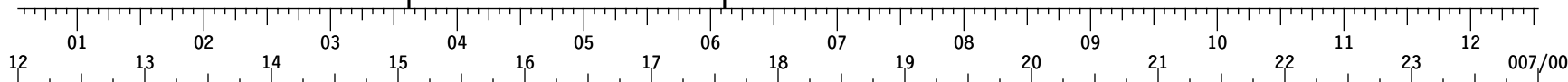
STS-119/15A JNT MSN SHORT TERM PLAN



NO EXERCISE
During SAW Deploy

GMT 02/19/09 (050)

MET Day 006



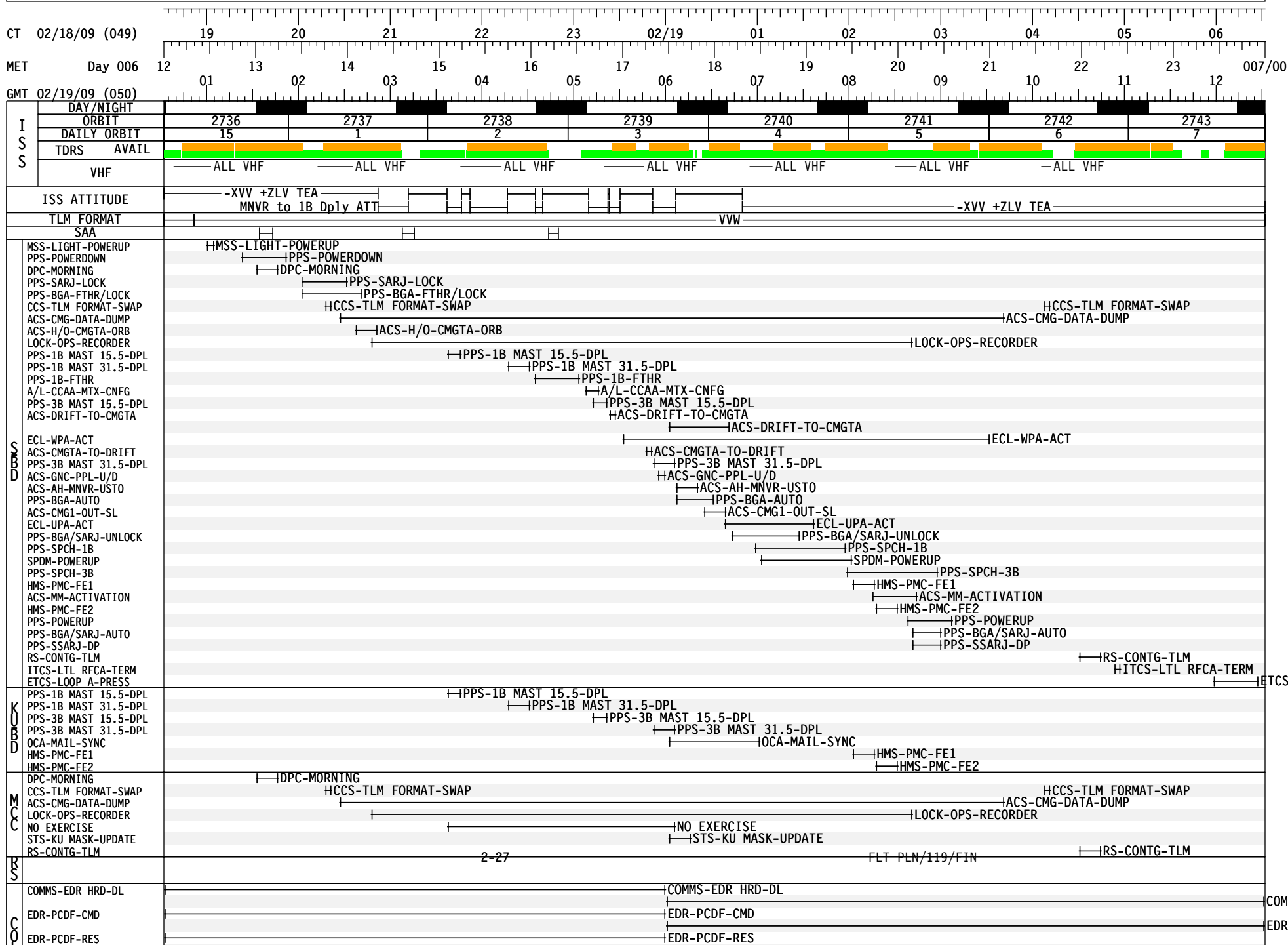
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|---------------------------------|-------------------------------------|--|------------------|----------------|---------------|---------------|---------------|---------------|-------------|-------------|----------------------------|----------------|-----------------|--------------------------|------------------------------|----------------|
| S T S - 1 1 9 | FD08 CDR ARCHAMBAULT | POST SLEEP | | | 1B49% SAW* | 1B00% SAW* | 3B49% SAW* | 3B00% SAW* | MUNDRAT | MEAL | N2 XFER TERM | EXERCISE | SRRMS@ | EVA 3 PROC RVW | | |
| | R1 PLT ANTONELLI | POST SLEEP | | | 1B49% SAW* | 1B00% SAW* | 3B49% SAW* | 3B00% SAW* | CINWICIT#6 | MEAL | CTWCEM CXWFCR WCSES* | EXERCISE | PEAVOENT MOP | SRRMS@ EVA 3 PROC RVW | | |
| | R2 MS1 ACABA | POST SLEEP | EXERCISE | POST SLEEP | 1B49% SAW* | 1B00% SAW* | 3B49% SAW* | 3B00% SAW* | EMU SWAP | MEAL | E_LK PREP | TOOL CONFIG | TOOL AUDIT | PEAVOENT MOP | PRE SLEEP | EVA 3 PROC RVW |
| | MS2 SWANSON | POST SLEEP | | | 1B49% SAW* | 1B00% SAW* | 3B49% SAW* | 3B00% SAW* | BSA INIT | MEAL | XFER OPS | APFR HEAT SHLD | TOOL AUDIT | EXERCISE | EVA 3 PROC RVW | |
| | MS3 ARNOLD | POST SLEEP | EXERCISE | | 1B49% SAW* | 1B00% SAW* | 3B49% SAW* | 3B00% SAW* | EMU SWAP | MEAL | E_LK PREP | TOOL CONFIG | TOOL AUDIT | MOP | PRE SLEEP | EVA 3 PROC RVW |
| | M1 MS4 PHILLIPS | POST SLEEP | | | 1B49% SAW* | 1B00% SAW* | 3B49% SAW* | 3B00% SAW* | SSRMS MNVR* | MXNLVART | MEAL | XFER OPS | SPDM SETUP | PEAVOENT MOP | MXDFAFRM DEGRUIRES KRP | EVA 3 PROC RVW |
| D N | FE-2 MAGNUS | POST SLEEP | DPC PREP WORK | EXERCISE TVIS | 1B49% SAW* | 1B00% SAW* | 3B49% SAW* | 3B00% SAW* | DPART PREP | MIDDAY-MEAL | PMC | N2 XFER TERM | EXERCISE TVIS | SETUP PEAVOENT | CO2 | EVA 3 PROC RVW |
| E X P - 1 8 | ISS CDR FINCKE | POST SLEEP | DPC PREP WORK | CWC FILL | 1B49% SAW* | 1B00% SAW* | 3B49% SAW* | 3B00% SAW* | SODFCO2 | MIDDAY-MEAL | DC2AMSR | D2XS FLSH | EXERCISE CEVIS | AREAD | EXERCISE AREAD | EVA 3 PROC RVW |
| | FE-1 LONCHAKOV | POST SLEEP | DPC PREP WORK | RUSSIAN OPS | | | | COX MNT | IMS | MIDDAY-MEAL | PMC | VELO | EXERCISE TVIS | EVA 3 PROC RVW | | |
| U P | M2 FE-2 EXP18 WAKATA | POST SLEEP | DPC PREP WORK | EXERCISE CEVIS | 1B49% SAW* | 1B00% SAW* | 3B49% SAW* | 3B00% SAW* | SSRMS MNVR* | MXNLVART | MIDDAY-MEAL | SPDM SETUP | PEAVOENT | EVA 3 PROC RVW | | |
| DAY/NIGHT | | [Bar chart showing day/night cycle] | | | | | | | | | | | | | | |
| ORBIT | | [Bar chart showing orbit parameters] | | | | | | | | | | | | | | |
| TDRS WEZ | | [Bar chart showing TDRS WEZ] | | | | | | | | | | | | | | |
| TDRS ISS AVAIL | | [Bar chart showing TDRS ISS AVAIL] | | | | | | | | | | | | | | |
| ORB ATT | | BIAS -XLV -ZVV | | | | | | | | | | | | | | |
| NOTES | | #CMG TO STS *TAGUP #STATUS CK 2-26 @FILTER CK *STS TO CMG *VIEW +RECONFIG 3B VIEW *TERM *COMPACT @PRE-CRDL *STATUS CK FLT PLN/119/FIN | | | | | | | | | | | | | | |

STS-119/15A JNT MSN SHORT TERM PLAN

CT 02/18/09 (049)

MET Day 006

GMT 02/19/09 (050)

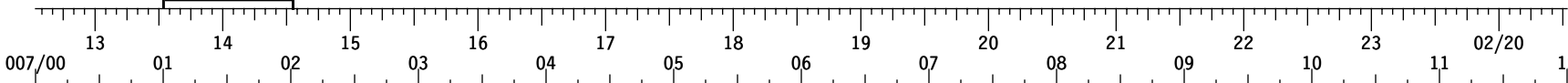


NO UNISOLATED EXERCISE

MT Translate

GMT 02/19/09 (050)

MET Day 007



| STS-119 | FD08 | PMC A/G | PRE SLEEP | SLEEP | FD09 | POST SLEEP | PMC A/G | PSOL STEP | |
|-----------------|-------------------|----------------------|---------------|---------------------|---------------|----------------------|---------|-------------------------|--|
| STS-119 | CDR ARCHAMBAULT | | | | | | | | |
| | PLT ANTONELLI | | PRE SLEEP | MASK PB/TOOL CONFIG | PRE SLEEP | | | POST SLEEP | |
| | MS1 ACABA | | PRE SLEEP | MASK PB/TOOL CONFIG | PRE SLEEP | ISS EXTERNAL SURVEYS | | POST SLEEP * A/L/REP | |
| | MS2 SWANSON | CREW* MOP IL-1 | PRE SLEEP | | | | | POST SLEEP | |
| | MS3 ARNOLD | | PRE SLEEP | MASK PB/TOOL CONFIG | PRE SLEEP | | | POST SLEEP ⊕ | |
| | MS4 PHILLIPS | | PRE SLEEP | | | | | POST SLEEP | |
| DN | FE-2 MAGNUS | DPC | PRE SLEEP-ISS | | | | | POST SLEEP | |
| | ISS CDR FINCKE | DPC | PRE SLEEP-ISS | PMC | PRE SLEEP-ISS | | | POST SLEEP | |
| EXP-18 | FE-1 LONCHAKOV | DPC | PRE SLEEP-ISS | | | | | POST SLEEP | |
| | FE-2 EXP18 WAKATA | DPC | PRE SLEEP | PMC | PRE SLEEP-ISS | | | POST SLEEP | |
| DAY/NIGHT ORBIT | | | | | | | | | |
| TDRS W E Z | | | | | | | | | |
| TDRS ISS AVAIL | | | | | | | | | |
| ORB ATT | | | | | | | | | |
| NOTES | | *CHOICE D/L | | | | | | BIAS -XLV -ZVV | |

STS-119/15A JNT MSN SHORT TERM PLAN

CT 02/19/09 (050)

MET Day 007 007/00

GMT 02/19/09 (050)

| ISS | DAY/NIGHT | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | | |
|-----|-------------|------|------|------|------|------|------|------|------|----|----|----|----|--|--|
| | ORBIT | 2744 | 2745 | 2746 | 2747 | 2748 | 2749 | 2750 | 2751 | | | | | | |
| | DAILY ORBIT | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | | | | | |
| | TDRS AVAIL | | | | | | | | | | | | | | |

VHF: ALL VHF (07-14), ALL VHF (15-22), ALL VHF (23-30), ALL VHF (01-08)

ISS ATTITUDE: -XVV +ZLV TEA

TLM FORMAT SAA: VVV (07-10), VVV (13-16)

| | | | | | | | | |
|--|---|--|---|--|---------------|--|---|--|
| DPC-EVENING CCS-TLM FORMAT-SWAP MT-XLATE PATH-SURVEY MT-TRANSLATE-PREP 10.2 PSI OP-INIT PT1 MT-TRANSLATE SSRMS-MT DBCL-DUMP HMS-PMC-FE2 EXP18 RS-CONTG-TLM HMS-PMC-ISS CDR ITCS-LTL RFCA-INIT MSS-POWERUP ACS-ENA-AUTO-H/O-RS 10.2 PSI OP-INIT PT2 EVA-A/L OVNT-CNFG C&T-VDS-DECNFG UHF-INDEX-CHANGE SIS3-SSAS HTR-INH EVA-HYGIENE-BRK PT1 TRRJ-S1 DATA-DUMP ACS-INH-AUTO-H/O-RS POA-CAMERA-POWERUP | DPC-EVENING HCCS-TLM FORMAT-SWAP MT-XLATE PATH-SURVEY MT-TRANSLATE-PREP 10.2 PSI OP-INIT PT1 MT-TRANSLATE SSRMS-MT DBCL-DUMP HMS-PMC-FE2 EXP18 IRS-CONTG-TLM HMS-PMC-ISS CDR HITCS-LTL RFCA-INIT MSS-POWERUP ACS-ENA-AUTO-H/O-RS HACS-ENA-AUTO-H/O-RS 10.2 PSI OP-INIT PT2 EVA-A/L OVNT-CNFG C&T-VDS-DECNFG UHF-INDEX-CHANGE SIS3-SSAS HTR-INH EVA-HYGIENE-BRK TRRJ-S1 DATA-DUMP ACS-INH-AUTO-H/O-RS POA-CAMERA-POWERUP | HCCS-TLM FOR IRS-CONTG-TLM IRS-CONTG-TLM IRS-CONTG-TLM HUF-INDEX-CHANGE SIS3-SSAS HTR-I EVA-HYGIENE-BRK TRRJ-S1 D HACS-INH-AUTO HPOA-CAMER | | | | | | |
| | | | OCA-MAIL-SYNC MT-XLATE PATH-SURVEY HMS-PMC-FE2 EXP18 HMS-PMC-ISS CDR | OCA-MAIL-SYNC MT-XLATE PATH-SURVEY HMS-PMC-FE2 EXP18 HMS-PMC-ISS CDR | OCA-MAIL-SYNC | | | |
| | | | | | | DPC-EVENING CCS-TLM FORMAT-SWAP NO-UNISOLATED-EXER RS-CONTG-TLM DMS-LOG FILE-DNLK SIS3-SSAS HTR-INH | DPC-EVENING HCCS-TLM FORMAT-SWAP NO-UNISOLATED-EXER IRS-CONTG-TLM | HCCS-TLM FOR IRS-CONTG-TLM DMS-LOG FILE-DNLK SIS3-SSAS HTR-I |

| | | |
|--|---|--|
| COMMS-EDR HRD-DL EDR-PCDF-CMD EDR-PCDF-RES SOL-REAL-CMD ETF-R/T TC-EX COMMS-ETF HRD-DL ETF-R/T-TC DMS-LOG FILE-DNLK DMS-PWS TST-CMD DMS-NOM TM PKT-SWAP | COMMS-EDR HRD-DL EDR-PCDF-CMD EDR-PCDF-RES SOL-REAL-CMD ETF-R/T TC-EX COMMS-ETF HRD-DL ETF-R/T-TC DMS-LOG FILE-DNLK DMS-PWS TST-CMD DMS-NOM TM PKT-SWAP | COMMS-EDR EDR-PCDF- EDR-PCDF- SOL-REAL- COMMS-ETF HRD-DL ETF-R/T-TC DMS-LOG FILE-DNLK DMS-PWS TST-CMD DMS-NOM TM F |
|--|---|--|

| | | |
|---|--|---------------------------------|
| DOME-OPS-MON JFCT H/O (1/2) JFCT H/O (2/3) COL_SYS-LRD/MRD-D/L | DOME-OPS-MON JFCT H/O (1/2) JFCT H/O (2/3) | DOME-OPS-MON JFCT H/O (2/3) |
|---|--|---------------------------------|

2-29 FLT PLN/119/FIN

GMT 02/20/09 (051)

01 02 03 04 05 06 07 08 09 10 11 12 008/00
 MET Day 007 12 13 14 15 16 17 18 19 20 21 22 23 12

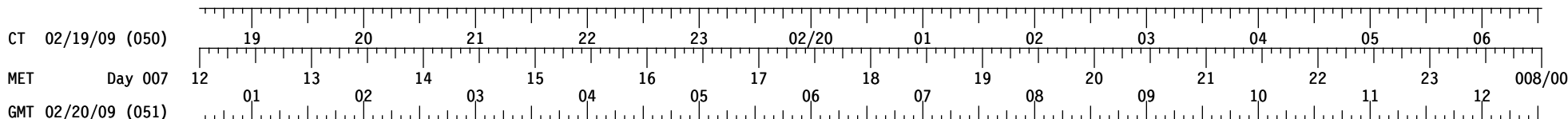
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|---------------------------------|-------------------------------|--|-----------------------------|------------------|-------------------------|------------------------------|----------------------------|--------------------------|------------------------------|----------------------|------------------|----------------------------|-----------------------|-------------------------|----------------------|------------------------|------------------------|-----------------------------|-------------------------|----------------------------------|----------------|------------------------------------|--|
| S T S - 1 1 9 | FD09 R2 CDR ARCHAMBAULT | POST SLEEP | | | INACT IUB | SRMS# | EXERCISE | P/TV 07 EVA S/U | P/TV07 EVA OPS | | | SRMS% | MEAL | P/TV07 EVA OPS | | | PRCDL | DUMP EQUIP GTHR | P SLP | | | | |
| | R1 PLT ANTONELLI | PS OL SE TE P | HYG BRK/ HATCH CLS | CAMPOUT EVA PREP | | EMU P MUR GE | EMU PREBREATHE | C_LK DPRS | XFER OPS | | SRMS% | MEAL | CIN W CIT #7 | EXERCISE | CT WE CR M | CX WF CE RT | XFER OPS | | PRCDL | POST EVA W/H2O METOX | | | |
| | EV2 MS1 ACABA | HYGN BREAK/ PREBRTH 10.2 DPRS | | CAMPOUT EVA PREP | | EMU P MUR GE | EMU PREBREATHE | C_LK DPRS | C_LK EGRS | SET UP | CETA RELOCATE | | S1 TASKS | | SO 1A D RPCM R&R | P1 1A A RPCM R&R | CLNUP & INGRS | PRCDL | POST EVA | | | | |
| | IV MS2 SWANSON | POST SLEEP | | ILL - 0 | EXERCISE | | SRMS# | EVA 3 IVA SPT PREP | | EVA 3 IVA SUPPORT | | | | | | | | ILL - 1 | P SLP | | | | |
| | EV1 MS3 ARNOLD | HYGN BREAK/ PREBRTH | CAMPOUT EVA PREP | | EMU P MUR GE | EMU PREBREATHE | C_LK DPRS | C_LK EGRS | SET UP | CETA RELOCATE | SPDM COVERS | | LEE B LUBE | | CLEANUP & INGRESS | | PRCDL | POST EVA | | | | | |
| | M1 MS4 PHILLIPS | POST SLEEP | | | MXU DFP DRD K* | SSRMS CETA S/U MNVR | CETA RELOCATE SUPPRT | | THRM BLNKT REM SUPPT | | LEE B LUBE | | SS TR OM S | SPDM STOW | XFER OPS | XTX FA EG RUP | XTX FR IE RKS | BM DU E | PS MR LE E | | | | |
| D N | FE-2 MAGNUS | POST SLEEP | PW RO ER PK | DPC | PW RO ER PK | TO CA | PWD SMPL | | MH I2 CO RO | RE ECL LA | EXERCISE TVIS | | MIDDAY-MEAL | LAB ITCS SMPL | COL ITCS SMPL | JEM ITCS SMPL | G LO VE | PREP WORK | XT FA EG RUP | CO2 | EV VA ** | P SLP | |
| | ISS CDR FINCKE | POST SLEEP | PT ES T | CAMPOUT EVA PREP | | EMU P MUR GE | EMU PREBREATHE | C_LK DPRS | CO2 | | EXERCISE ARED | MIDDAY-MEAL | ND2 LTL SMPL | ND2 MTL SMPL | J R N L | EXERCISE TVIS | | PS R L E E P | POST EVA W/H2O METOX | | | | |
| E X P - 1 8 | FE-1 LONCHAKOV | POST SLEEP | PW RO ER PK | DPC | PW RO ER PK | TO CA | RUSSIAN OPS | | EXERCISE TVIS | | VELO | RUSSIAN OPS | MIDDAY-MEAL | COX MNT | RUSSIAN OPS | | IMS | PREP WORK | P SLP | | | | |
| | M2 FE-2 EXP18 WAKATA | POST SLEEP | PW RO ER PK | DPC | PW RO ER PK | TO CA | PWD SMPL | | SSRMS CETA S/U MNVR | MH I2 CO RO | RE ECL LA | CETA RELOCATE SUPPRT | | THRM BLNKT REM SUPPT | | LEE B LUBE | | SS TR OM S | SPDM STOW | EXERCISE TVIS | PREP WORK | P SLP | |
| DAY/NIGHT | | [Bar chart showing day/night cycle] | | | | | | | | | | | | | | | | | | | | | |
| ORBIT | | [Bar chart showing orbit status] | | | | | | | | | | | | | | | | | | | | | |
| TDRS W E Z | | [Bar chart showing TDRS W/E/Z] | | | | | | | | | | | | | | | | | | | | | |
| TDRS ISS AVAIL | | [Bar chart showing TDRS ISS AVAIL] | | | | | | | | | | | | | | | | | | | | | |
| ORB ATT | | [Bar chart showing ORB ATT] | | | | | | | | | | | | | | | | | | | | | |
| NOTES | | @FILTER CK #CETA RELCT VIEW *STATUS CK 2-30 | | | | | | | | | | | | | | | | | | BIAS -XLV -ZVV %SPDM VIEW PSN | | *STATUS CK *D/L *Flash Image | |

STS-119/15A JNT MSN SHORT TERM PLAN

CT 02/19/09 (050)

MET Day 007

GMT 02/20/09 (051)



| ISS | DAY/NIGHT | | 19 | 20 | 21 | 22 | 23 | 02/20 | 01 | 02 | 03 | 04 | 05 | 06 | | | | |
|-----|-------------|--|--|------|----|------|----|-------|----|------|----|------|----|------|--|------|--|------|
| | ORBIT | | | 2752 | | 2753 | | 2754 | | 2755 | | 2756 | | 2757 | | 2758 | | 2759 |
| | DAILY ORBIT | | 15 | 16 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | | | | | |
| | TDRS AVAIL | | [Color-coded bars indicating availability] | | | | | | | | | | | | | | | |

VHF ALL VHF ALL VHF ALL VHF ALL VHF ALL VHF ALL VHF ALL VHF

ISS ATTITUDE -XVV +ZLV TEA

TLM FORMAT SAA VVV VVV

| Event | Start Time | End Time |
|----------------------|------------|----------|
| TRRJ-S1 DATA-DUMP | 19:00 | 20:00 |
| POA-CAMERA-POWERUP | 19:00 | 20:00 |
| EVA-HYGIENE-BRK PT2 | 20:00 | 21:00 |
| MSS-LIGHT-POWERUP | 20:00 | 21:00 |
| PPS-DDCU-PWRDN-PT1 | 20:00 | 21:00 |
| DPC-MORNING | 20:00 | 21:00 |
| A/L RAPID DPRS-ENA | 20:00 | 21:00 |
| C&T-VIDEO-CNFG | 20:00 | 21:00 |
| PPS-PCU FDIR-ENA | 20:00 | 21:00 |
| CDH-CW-1553-INH | 20:00 | 21:00 |
| ISS-RAPID DPRS-INH | 20:00 | 21:00 |
| 10.2 PSI OP-TERM PT1 | 20:00 | 21:00 |
| TCS-MTL IFHX-INS PRE | 20:00 | 21:00 |
| EVA-INHIBIT-PAD | 20:00 | 21:00 |
| 10.2 PSI OP-TERM PT2 | 20:00 | 21:00 |
| AR-MCA-ZERO CAL | 20:00 | 21:00 |
| ACS-CMG-DATA-DUMP | 20:00 | 21:00 |
| PPS-DDCU-PWRDN-PT2 | 20:00 | 21:00 |
| C&T-VIDEO-RECNG | 20:00 | 21:00 |
| ETCS-LOOP A-DOWN | 20:00 | 21:00 |
| A/L-CCAA-RECNG | 20:00 | 21:00 |
| MSS-POWERDOWN | 20:00 | 21:00 |
| C&T-HEATER-ACT | 20:00 | 21:00 |
| PPS-DDCU-PWRUP | 20:00 | 21:00 |
| MSS-CAMERA-STOW | 20:00 | 21:00 |
| C&T-VIDEO-ACT | 20:00 | 21:00 |
| CCS-TLM FORMAT-SWAP | 20:00 | 21:00 |
| TCS-MTL IFHX-INS POS | 20:00 | 21:00 |
| CDH-CW-1553-ENA | 20:00 | 21:00 |
| POST-EVA-SPPT | 20:00 | 21:00 |
| OCA-MAIL-SYNC | 20:00 | 21:00 |

OCA-MAIL-SYNC

| | | |
|---------------------|-------|-------|
| GTS-PRD400-OFF | 19:00 | 20:00 |
| DPC-MORNING | 20:00 | 21:00 |
| EVA-INHIBIT-PAD | 20:00 | 21:00 |
| ACS-CMG-DATA-DUMP | 20:00 | 21:00 |
| ETCS-LOOP A-DOWN | 20:00 | 21:00 |
| STS-KU MASK-UPDATE | 20:00 | 21:00 |
| CCS-TLM FORMAT-SWAP | 20:00 | 21:00 |

GTS-PRD400-OFF

| | | |
|------------------|-------|-------|
| COMMS-EDR HRD-DL | 20:00 | 21:00 |
| EDR-PCDF-CMD | 20:00 | 21:00 |
| EDR-PCDF-RES | 20:00 | 21:00 |
| SOL-REAL-CMD | 20:00 | 21:00 |

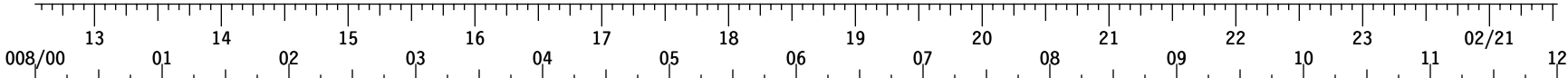
TCS-MTL IFHX-INS PRE 2-31 TCS-MTL IFHX-INS PRE FLT PLN/119/FIN

| | | |
|--------------------|-------|-------|
| DOME-OPS-MON | 20:00 | 21:00 |
| JEM-FDS-SD-BIT | 20:00 | 21:00 |
| ATCS-ALARM INHIBIT | 20:00 | 21:00 |
| J-ATCS-B1WCL RCN | 20:00 | 21:00 |
| ATCS-ALARM ENABLE | 20:00 | 21:00 |
| JFCT H/O (3/1) | 20:00 | 21:00 |

HATCS-ALARM INHIBIT HATCS-ALARM INHIBIT HATCS-ALARM ENABLE HATCS-ALARM ENABLE

GMT 02/20/09 (051)

MET Day 008



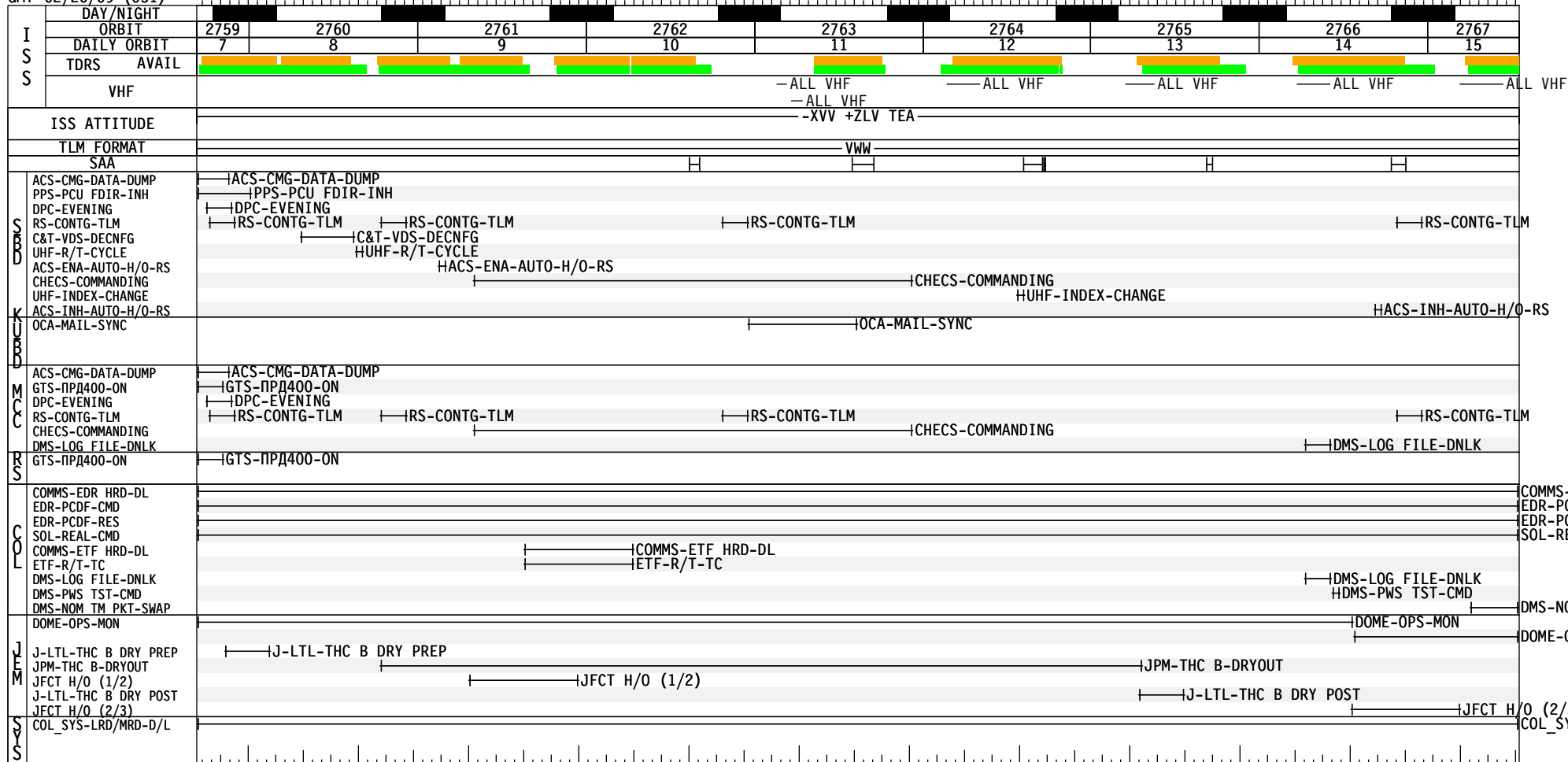
| Category | Personnel | Activity | Phase | Notes |
|----------------|---|---------------|-------|----------------------|
| STS-119 | FD09 R2 CDR ARCHAMBAULT | PRE SLEEP | SLEEP | FD10 |
| | R1 PLT ANTONELLI | PRE SLEEP | SLEEP | POST SLEEP |
| | EV2 MS1 ACABA | PRE SLEEP | SLEEP | ISS EXTERNAL SURVEYS |
| | IV MS2 SWANSON | PRE SLEEP | SLEEP | POST SLEEP |
| | EV1 MS3 ARNOLD | PRE SLEEP | SLEEP | POST SLEEP |
| | M1 MS4 PHILLIPS | PRE SLEEP | SLEEP | POST SLEEP |
| DN | FE-2 MAGNUS | PRE SLEEP-ISS | SLEEP | POST SLEEP |
| | ISS CDR FINCKE | PRE SLEEP-ISS | SLEEP | POST SLEEP |
| EXP-18 | FE-1 LONCHAKOV | PRE SLEEP-ISS | SLEEP | POST SLEEP |
| | M2 FE-2 EXP18 WAKATA | PRE SLEEP-ISS | SLEEP | POST SLEEP |
| DAY/NIGHT | [Day/Night Cycle Bar] | | | |
| ORBIT | [Orbit Cycle Bar] | | | |
| TDRS | [TDRS Cycle Bar] | | | |
| TDRS ISS AVAIL | [TDRS ISS AVAIL Cycle Bar] | | | |
| ORB ATT | BIAS -XLV -ZVV | | | |
| NOTES | *POST EVA W/H2O METOX @POST EVA ♦POST EVA CHOICE D/L | | | |

STS-119/15A JNT MSN SHORT TERM PLAN

CT 02/20/09 (051)

MET Day 008 008/00

GMT 02/20/09 (051)



NOTES:

GMT 02/21/09 (052)

01 02 03 04 05 06 07 08 09 10 11 12 009/00
 MET Day 008 12 13 14 15 16 17 18 19 20 21 22 23

| | | | | | | | | | | | | | | | | | | | | |
|---------|-------------------------|--------------------|----------------|----------------|------------|---------------|----------------|----------------|----------------|----------------|--------------|--------------|-------------|----------|---------------|--------------|-----------|--------------------------|-----------|-----------|
| STS-119 | FD10 CDR ARCHAMBAULT | POST SLEEP | ATHORP | MNUM | WANSITE | WTASRTM | CWC DUMP | MTEVAR | ALPHO | EVA 4 PROC RVW | CREW CONF | CPHREO W T O | MEAL | OFF DUTY | PFC OCA | OFF DUTY | | | CINCI #9 | EXERCISE |
| | PLT ANTONELLI | POST SLEEP | ILLUO | COND CWC/O | EMU SWAP | DUMP PWR | FILTER INSPECT | EXERCISE | | EVA 4 PROC RVW | CREW CONF | CPHREO W T O | MEAL | OFF DUTY | PFC OCA | OFF DUTY | | | | PRE SLEEP |
| | MS1 ACABA | POST SLEEP | BSA-INIT | BSA INIT | EMU SWAP | POST SLEEP | | BMAENSTXTL# | TOOL AUDIT | EVA 4 PROC RVW | CREW CONF | CPHREO W T O | MEAL | OFF DUTY | PFC OCA | OFF DUTY | | MUS | PRE SLEEP | EXERCISE |
| | MS2 SWANSON | POST SLEEP | EXERCISE | | POST SLEEP | E_LK PREP | TOOL CONFIG | TOOL AUDIT | EVA 4 PROC RVW | CREW CONF | CPHREO W T O | MEAL | OFF DUTY | | PFC OCA | OFF DUTY | | | PRE SLEEP | |
| | MS3 ARNOLD | POST SLEEP | EXERCISE | | E_LK PREP | TOOL CONFIG | TOOL AUDIT | EVA 4 PROC RVW | CREW CONF | CPHREO W T O | MEAL | OFF DUTY | | | PFC OCA | OFF DUTY | PRE SLEEP | | | |
| | MS4 PHILLIPS | POST SLEEP | MXU DFP DRD K@ | EXERCISE | | XFER OPS | | EVA 4 PROC RVW | CREW CONF | CPHREO W T O | MEAL | OFF DUTY | | | | | PFC OCA | XTX B M FAFRMD PRE SLEEP | | |
| EXP-18 | DN FE-2 MAGNUS | CDM PREP WORK | DPC | HANDOVER | | PFC | DPART PREP | | EVA 4 PROC RVW | CREW CONF | CPHREO W T O | MIDDAY-MEAL | OFF DUTY | | EXERCISE TVIS | | | DPC* | PREP WORK | |
| | ISS CDR FINCKE | D726X S* PREP WORK | DPC | EXERCISE CEVIS | | | D2X S | PFC | SETUP CO2 | EVA 4 PROC RVW | CREW CONF | CPHREO W T O | MIDDAY-MEAL | OFF DUTY | | EXERCISE ARE | DC2A XMS | D2X FLSH | IR60* | DPC CO2 |
| UP | FE-1 LONCHAKOV | PREP WORK | DPC | COX MNT | PFC | EXERCISE TVIS | | | EVA 4 PROC RVW | CREW CONF | CPHREO W T O | MIDDAY-MEAL | OFF DUTY | | | VELO | | DPC | PREP WORK | |
| | FE-2 EXP18 WAKATA | PREP WORK | DPC | HANDOVER | | FFQ | PFC | PMC | EVA 4 PROC RVW | CREW CONF | CPHREO W T O | MIDDAY-MEAL | OFF DUTY | | | JAXA PAO | OFF DUTY | EXERCISE CEVIS | DPC | PREP WORK |

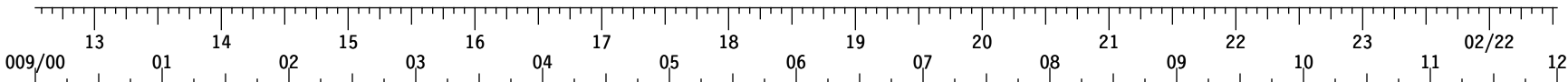


NOTES: @PREP WORK *CMG TO STS @STATUS CK #TERM +STS TO CMG *EHS-CDM-\$TOW *STATUS CK

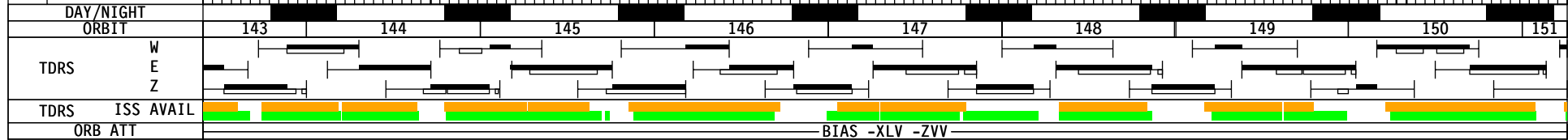
2-34 FLT PLN/119/FIN

GMT 02/21/09 (052)

MET Day 009



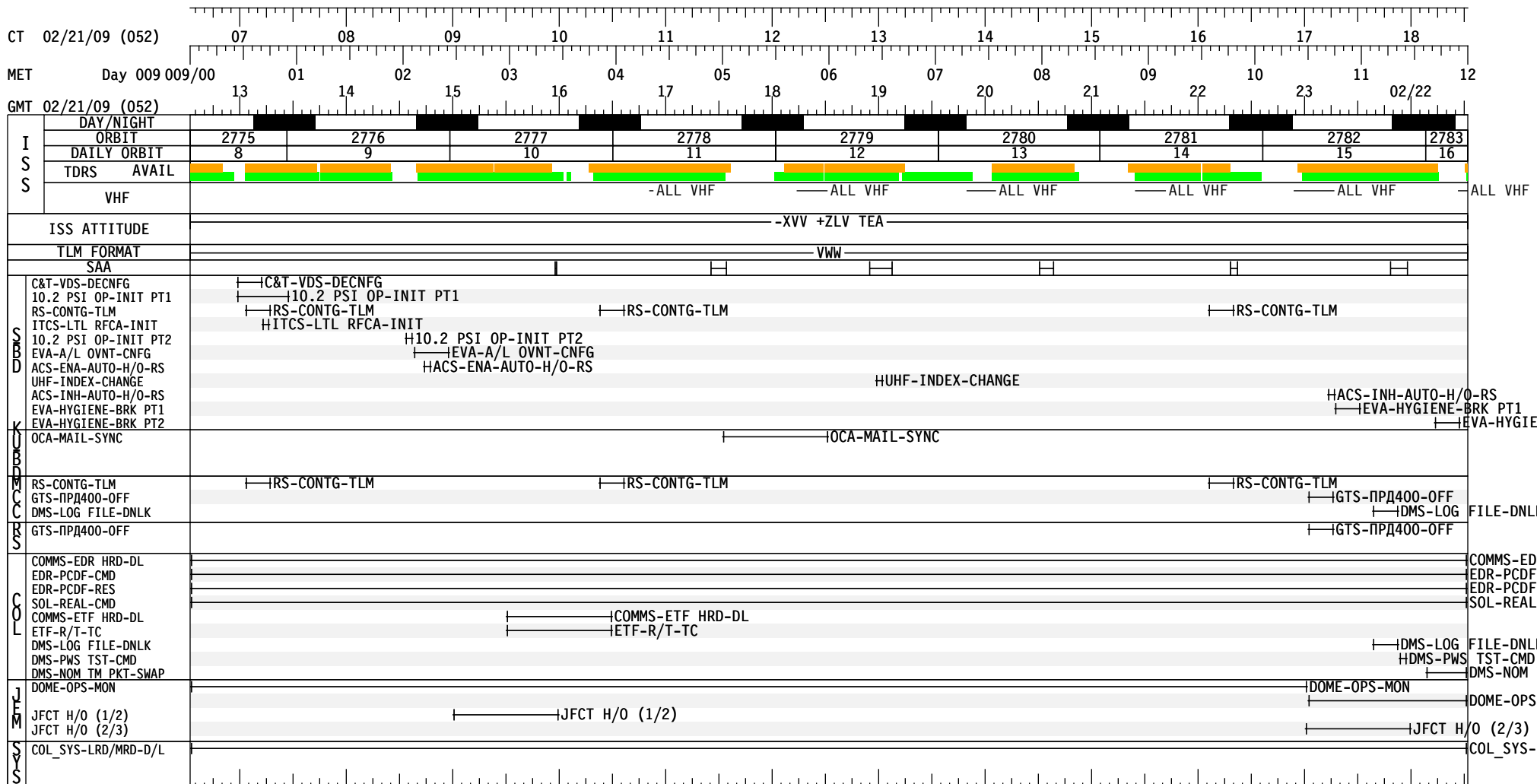
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|---------------------------------|-----------------------------------|--|-------------------------------|------------|---|-------------------|---------|
| S T S - 1 1 9 | FD10 CDR ARCHAMBAULT | * C T W E R M P R L E P P M C A / G | PRE SLEEP | SLEEP | FD11 P S O L S E E P P M C A / G | POST SLEEP | |
| | PLT ANTONELLI | PRE SLEEP | MASK PB/ TOOL CONFIG | PRE SLEEP | SLEEP | LOG POST SLEEP | ⊕ |
| | MS1 ACABA | EXER CISE | PRE SLEEP | SLEEP | POST SLEEP | | |
| | MS2 SWANSON | PRE SLEEP | MASK PB/TOOL CONFIG | PRE SLEEP | SLEEP | POST SLEEP | HYG BRK |
| | MS3 ARNOLD | PRE SLEEP | MASK PB/TOOL CONFIG | PRE SLEEP | SLEEP | POST SLEEP | HYG BRK |
| | MS4 PHILLIPS | PRE SLEEP | PRE SLEEP | SLEEP | LOG | POST SLEEP | |
| D N | FE-2 MAGNUS | PRE SLEEP-ISS | SLEEP | POST SLEEP | | | |
| E X P - 1 8 | ISS CDR FINCKE | PRE SLEEP-ISS | SLEEP | POST SLEEP | DRY | | |
| | FE-1 LONCHAKOV | PRE SLEEP-ISS | SLEEP | POST SLEEP | | | |
| U P | FE-2 EXP18 WAKATA | PRE SLEEP-ISS | SLEEP | POST SLEEP | DRY | | |



ORB ATT BIAS -XLV -ZVV

NOTES *EXERCISE ⊕HYG BRK

STS-119/15A JNT MSN SHORT TERM PLAN

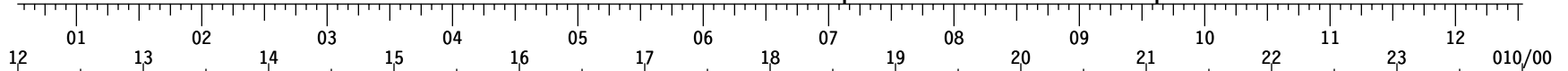


NOTES:

NO EXERCISE
During S3 PAS Deploys

GMT 02/22/09 (053)

MET Day 009



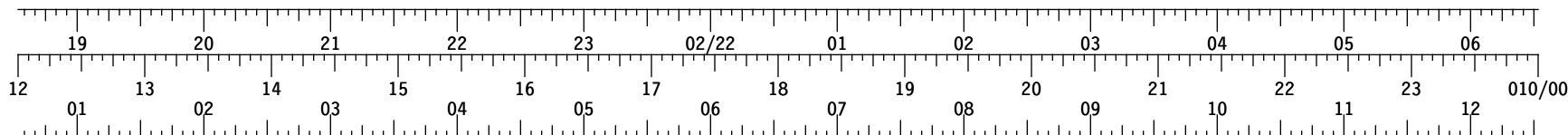
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|---------------------------------|-----------------------------------|------------------------------------|------------------|-------------|--------------|-------------------|-----------------|-------------------|---------------------|----------------|---------------|------------------|----------------------|----------------------|------------------|---|---|-------|-----|----|
| S T S - 1 1 9 | FD11 CDR ARCHAMBAULT | POST SLEEP | | INADIB | CXWFER | PWR FILL | P/TV 07 EVA S/U | EXERCISE | P/TV07 EVA OPS | | | MEAL | P/TV07 EVA OPS | | | PRE SLEEP | ETVAGUP | P | | |
| | PLT ANTONELLI | HYG BRK | CAMPOUT EVA PREP | | EMURGE | EMU PREBREATHE | C_LK DPRS | P/TV07 EVA OPS | EXERCISE | XFER OPS | | MEAL | CTWCRM | CXWFER | XFER OPS | | PRE SLEEP | | | |
| | IV MS1 ACABA | POST SLEEP | | EXERCISE | | EVA4 IVA SPT PREP | | EVA 4 IVA SUPPORT | | | | | | | | | PRE SLEEP | BPSRL | PS | |
| | EV1 MS2 SWANSON | HYG BRK | CAMPOUT EVA PREP | | EMURGE | EMU PREBREATHE | C_LK DPRS | DC_LK PEGRS | JLP GPS ANT-B INSTL | Z1 PATCH PANEL | S3 TASK SETUP | CP1 WETA INSTALL | S3 OUTBRD /NADIR PAS | S3 INBRD /ZENITH PAS | CLNUP /INGR | POST EVA | TAGUP | PS | | |
| | EV2 MS3 ARNOLD | HYG BRK | CAMPOUT EVA PREP | | EMURGE | EMU PREBREATHE | C_LK DPRS | DC_LK PEGRS | S1/P1 RAD IMAGING | | S3 TASK SETUP | CP1 WETA INSTALL | S3 OUTBRD /NADIR PAS | S3 INBRD /ZENITH PAS | CLNUP /INGR | POST EVA | CREEW* | PS | | |
| | MS4 PHILLIPS | POST SLEEP | | MXU DFRD AT | XFER OPS | | EXERCISE | XFER OPS | | | MEAL | XFER OPS | | | PRE SLEEP | XTFBFRDM FAFRDIDU EGEIRKES RURF% | | | | |
| D N | FE-2 MAGNUS | DPC | PREP WORK | FFQ | CDM DATA D/L | EXERCISE TVIS | | WT A+ T2 ER | HANDOVER | | MIDDAY-MEAL | HANDOVER | | | DPART PREP | PREP WORK | XTFBFRDM FAFRDIDU EGEIRKES RURF% | PRE S | DPC | PS |
| E X P - 1 8 | ISS CDR FINCKE | DPC | PREP WORK | 15A-UNPACK | | CWC FILL | CSI3 RMV | EXERCISE TVIS | | CO2 | MIDDAY-MEAL | EXERCISE ARE | | | CEVIS HDRWR INSL | PRE S | POST EVA W/H2O | P/TV | DPC | PS |
| | FE-1 LONCHAKOV | DPC | PREP WORK | RUSSIAN OPS | | | | IMS | MIDDAY-MEAL | COX MNT | RUSSIAN OPS | EXERCISE TVIS | | VELO | PREP WORK | PRE S | | DPC | PS | |
| U P | FE-2 EXP18 WAKATA | PREP | CAMPOUT EVA PREP | | EMURGE | EMU PREBREATHE | C_LK DPRS | WT A+ T2 ER | HANDOVER | | MIDDAY-MEAL | HANDOVER | | | EXERCISE ARE | PREP WORK | XTFBFRDM FAFRDIDU EGEIRKES RURF% | PRE S | DPC | PS |
| DAY/NIGHT ORBIT | | 151 | | 152 | | 153 | | 154 | | 155 | | 156 | | 157 | | 158 | | | | |
| TDRS WEZ | | [Timeline bars for TDRS WEZ] | | | | | | | | | | | | | | | | | | |
| TDRS ISS AVAIL | | [Timeline bars for TDRS ISS AVAIL] | | | | | | | | | | | | | | | | | | |
| ORB ATT | | BIAS -XLV -ZVV | | | | | | | | | | | | | | | | | | |
| NOTES | | *FILTER CK @STATUS CK | | | | | | | | | | | | | | *D/L *TERM *CHOICE D/L %STATUS CK | | | | |

STS-119/15A JNT MSN SHORT TERM PLAN

CT 02/21/09 (052)

MET Day 009

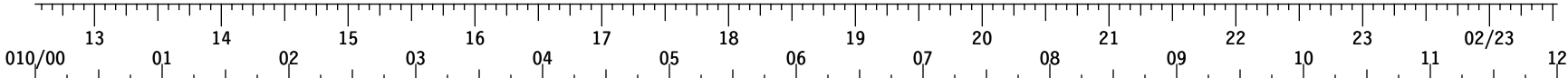
GMT 02/22/09 (053)



| ISS | DAY/NIGHT | 2783 | 2784 | 2785 | 2786 | 2787 | 2788 | 2789 | 2790 | |
|----------------|----------------------|---|------|------|------|------|------|------|------|--|
| | DAILY ORBIT | 16 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | |
| S | TDRS AVAIL | [Color-coded bars: orange, green, yellow] | | | | | | | | |
| | VHF | ALL VHF | | | | | | | | |
| ISS ATTITUDE | | -XVV +ZLV TEA | | | | | | | | |
| TLM FORMAT SAA | | VWV | | | VWV | | | | VWV | |
| D | DPC-MORNING | DPC-MORNING | | | | | | | | |
| | HK2-TLM-CNFG | HK2-TLM-CNFG | | | | | | | | |
| | A/L RAPID DPRS-ENA | A/L RAPID DPRS-ENA | | | | | | | | |
| | C&T-VIDEO-CNFG | C&T-VIDEO-CNFG | | | | | | | | |
| | ACS-CMG-DATA-DUMP | ACS-CMG-DATA-DUMP | | | | | | | | |
| | PPS-PCU FDIR-ENA | PPS-PCU FDIR-ENA | | | | | | | | |
| | ISS-RAPID DPRS-INH | ISS-RAPID DPRS-INH | | | | | | | | |
| | 10.2 PSI OP-TERM PT1 | 10.2 PSI OP-TERM PT1 | | | | | | | | |
| | ECL-UPA-STBY | ECL-UPA-STBY | | | | | | | | |
| | ECL-WPA-STBY | ECL-WPA-STBY | | | | | | | | |
| B | PPS-SARJ-LOCK | PPS-SARJ-LOCK | | | | | | | | |
| | EVA-INHIBIT-PAD | EVA-INHIBIT-PAD | | | | | | | | |
| | 10.2 PSI OP-TERM PT2 | 10.2 PSI OP-TERM PT2 | | | | | | | | |
| | C&T-WETA-ACT | C&T-WETA-ACT | | | | | | | | |
| | PAS3-RTL-CHECKOUT | PAS3-RTL-CHECKOUT | | | | | | | | |
| | PAS2-RTL-CHECKOUT | PAS2-RTL-CHECKOUT | | | | | | | | |
| | A/L-CCAA-RECNFG | A/L-CCAA-RECNFG | | | | | | | | |
| | PPS-SARJ-UNLOCK | PPS-SARJ-UNLOCK | | | | | | | | |
| | HCCS-TLM FORMAT-SWAP | HCCS-TLM FORMAT-SWAP | | | | | | | | |
| | HCCS-TLM FORMAT-SWAP | HCCS-TLM FORMAT-SWAP | | | | | | | | |
| C | POST-EVA-SPPT | POST-EVA-SPPT | | | | | | | | |
| | UHF-R/T-CYCLE | UHF-R/T-CYCLE | | | | | | | | |
| | C&T-VDS-DECNFG | C&T-VDS-DECNFG | | | | | | | | |
| | PPS-PCU FDIR-INH | PPS-PCU FDIR-INH | | | | | | | | |
| | DPC-EVENING | DPC-EVENING | | | | | | | | |
| | RS-CONTG-TLM | RS-CONTG-TLM | | | | | | | | |
| | OCA-MAIL-SYNC | OCA-MAIL-SYNC | | | | | | | | |
| | OCA-MAIL-SYNC | OCA-MAIL-SYNC | | | | | | | | |
| | OCA-MAIL-SYNC | OCA-MAIL-SYNC | | | | | | | | |
| | OCA-MAIL-SYNC | OCA-MAIL-SYNC | | | | | | | | |
| M | DPC-MORNING | DPC-MORNING | | | | | | | | |
| | HK2-TLM-CNFG | HK2-TLM-CNFG | | | | | | | | |
| | ACS-CMG-DATA-DUMP | ACS-CMG-DATA-DUMP | | | | | | | | |
| | EVA-INHIBIT-PAD | EVA-INHIBIT-PAD | | | | | | | | |
| | NO EXERCISE | NO EXERCISE | | | | | | | | |
| | PAS3-RTL-CHECKOUT | PAS3-RTL-CHECKOUT | | | | | | | | |
| | DMS-SOL SCIENCE1-U/L | DMS-SOL SCIENCE1-U/L | | | | | | | | |
| | PAS2-RTL-CHECKOUT | PAS2-RTL-CHECKOUT | | | | | | | | |
| | HCCS-TLM FORMAT-SWAP | HCCS-TLM FORMAT-SWAP | | | | | | | | |
| | HCCS-TLM FORMAT-SWAP | HCCS-TLM FORMAT-SWAP | | | | | | | | |
| S | GTS-ПРД400-ON | GTS-ПРД400-ON | | | | | | | | |
| | DPC-EVENING | DPC-EVENING | | | | | | | | |
| | RS-CONTG-TLM | RS-CONTG-TLM | | | | | | | | |
| | C-СОСБ-FTHR | C-СОСБ-FTHR | | | | | | | | |
| | СУДН-ОГНИ-ON | СУДН-ОГНИ-ON | | | | | | | | |
| | СУДН-ОГНИ-OFF | СУДН-ОГНИ-OFF | | | | | | | | |
| | GTS-ПРД400-ON | GTS-ПРД400-ON | | | | | | | | |
| | GTS-ПРД400-ON | GTS-ПРД400-ON | | | | | | | | |
| | GTS-ПРД400-ON | GTS-ПРД400-ON | | | | | | | | |
| | GTS-ПРД400-ON | GTS-ПРД400-ON | | | | | | | | |
| F | COMMS-EDR HRD-DL | COMMS-EDR HRD-DL | | | | | | | | |
| | EDR-PCDF-CMD | EDR-PCDF-CMD | | | | | | | | |
| | EDR-PCDF-RES | EDR-PCDF-RES | | | | | | | | |
| | SOL-REAL-CMD | SOL-REAL-CMD | | | | | | | | |
| | DMS-NOM TM PKT-SWAP | DMS-NOM TM PKT-SWAP | | | | | | | | |
| | DMS-VTC TM PKT-SWAP | DMS-VTC TM PKT-SWAP | | | | | | | | |
| | DMS-SOL SCIENCE1-U/L | DMS-SOL SCIENCE1-U/L | | | | | | | | |
| | MMU-SOL-XFER | MMU-SOL-XFER | | | | | | | | |
| | MMU-SOL-XFER | MMU-SOL-XFER | | | | | | | | |
| | MMU-SOL-XFER | MMU-SOL-XFER | | | | | | | | |

GMT 02/22/09 (053)

MET Day 010



| | | | | | | | | |
|---------------------------------|-----------------------------------|---|-----------|-------|-------------|------------|------------------|---|
| S T S - 1 1 9 | FD11 CDR ARCHAMBAULT | P M C | PRE SLEEP | SLEEP | FD12 | POST SLEEP | | |
| | PLT ANTONELLI | | PRE SLEEP | SLEEP | | POST SLEEP | LOG | |
| | IV MS1 ACABA | | PRE SLEEP | SLEEP | | POST SLEEP | | |
| | EV1 MS2 SWANSON | | PRE SLEEP | SLEEP | | POST SLEEP | S L O G | |
| | EV2 MS3 ARNOLD | | PRE SLEEP | SLEEP | | POST SLEEP | S L O G | |
| | MS4 PHILLIPS | | PRE SLEEP | SLEEP | | POST SLEEP | S L O G | |
| D N | FE-2 MAGNUS | P S L P P M C | PRE SLEEP | SLEEP | | POST SLEEP | D P C | P W R O P E R P K |
| E X P - 1 8 | ISS CDR FINCKE | | P SLP | SLEEP | | POST SLEEP | D P C | P W R O P E R P K |
| | FE-1 LONCHAKOV | | P SLP | SLEEP | | POST SLEEP | D P C | P W R O P E R P K |
| U P | FE-2 EXP18 WAKATA | | P SLP | SLEEP | | POST SLEEP | D P C | P W R O P E R P K |
| DAY/NIGHT | | [Bar chart showing day/night cycle] | | | | | | |
| ORBIT | | 159 160 161 162 163 164 165 166 | | | | | | |
| TDRS | W E Z | [Bar chart showing TDRS W/E/Z activity] | | | | | | |
| TDRS | ISS AVAIL | [Bar chart showing ISS AVAIL activity] | | | | | | |
| ORB ATT | | BIAS -XLV -ZVV | | | | | | |
| NOTES | | 2-40 FLT PLN/119/FIN | | | | | | |

GMT 02/23/09 (054)

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 011/00

MET Day 010

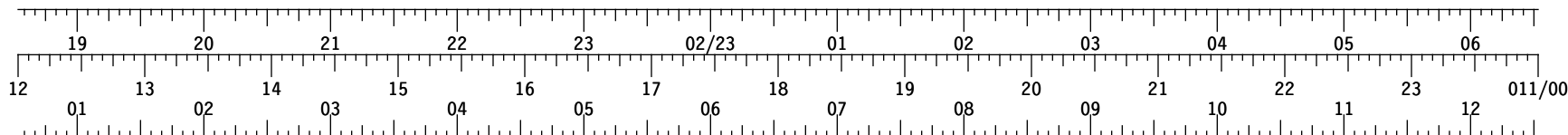
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|-----------------|-------------------------|--------------------------------------|-----------------|-----------------|---------------------|---------------|--------------|--------------|----------|-------------|-------------|--|---------------|----------|--------------|------------------|------------------|------------------|-----------|-----------|-----------|-----------|---|
| STS-119 | FD12 CDR ARCHAMBAULT | POST SLEEP | 02 P/B TEARDOWN | P/TV 08 SETUP | P/TV 08 OPS | CINW CITO | EXERCISE | CTWEX CRM | CXWFER | MEAL | OFF DUTY | | | | FWAERLE | EGRS HATCH CLOSE | HATCH LEAK CHECK | PCSE # | PSRLEA/G | PMCEA/G | PRE SLEEP | | |
| | PLT ANTONELLI | POST SLEEP | RNDZ TOOLS C/O | MCIIMUU* | XFER OPS | | EXERCISE | MEAL | OFF DUTY | | | | FWAERLE | AITHO% | | | AITHO% | | | PRE SLEEP | | | |
| | MS1 ACABA | POST SLEEP | XFER OPS | | POST EVA RCNFG/XFER | | | | MEAL | OFF DUTY | | | | FWAERLE | EXERCISE | | MUS | | | PRE SLEEP | | | |
| | MS2 SWANSON | PSOLSTEP | EXERCISE | SSC XFER | POST EVA RCNFG/XFER | | | | MEAL | OFF DUTY | | | | FWAERLE | NOM H2O CNFG | C/L CAM INST | | | PRE SLEEP | | | | |
| | MS3 ARNOLD | POST SLEEP | EXERCISE | | POST EVA RCNFG/XFER | | | | MEAL | OFF DUTY | | | | FWAERLE | MDP/TV03 S/U | C/L CAM INST | | | PRE SLEEP | | | | |
| | MS4 PHILLIPS | PSXUOLFSETP | RNDZ TOOLS C/O | EXERCISE | BSDLELTO | BDOPLRPOU | BDOPLRPOU | XTFAEGRP | XTFAEGRP | XTFAEGRP | MEAL | OFF DUTY | | | | FWAERLE | EGRS HATCH CLOSE | HATCH LEAK CHECK | MUS | | | PRE SLEEP | |
| DN | FE-2 MAGNUS | POWERPK | HANDOVER | | TVIS QUARTLY MNT | EXERCISE TVIS | | | | SETUP | MIDDAY-MEAL | PEAVOENT | DCBRVW | DCB PACK | PMC | HANDOVER | | FWAERLE | | | PRE SLEEP | | |
| EXP-18 | ISS CDR FINCKE | POWERPK | STOW* | 02 P/B TEARDOWN | CAMR RCNFG | FLSH RCNFG | SRSELCTO | BDSLRUOABOWJ | VLE1 | CO2 | PFE | EXERCISE ARED | MIDDAY-MEAL | PEAVOENT | DCBRVW | DCB PACK | DCB XFR | EXERCISE CEVIS | FWAERLE | JRN L | DPC | PREP WORK | * |
| | FE-1 LONCHAKOV | POWERPK | RUSSIAN OPS | | VELO | RUSSIAN OPS | | | | MIDDAY-MEAL | COX MNT | RUSSIAN OPS | EXERCISE TVIS | FWAERLE | | | DPC | PREP WORK | * | | | | |
| UP | FE-2 EXP18 WAKATA | POWERPK | HANDOVER | | TVIS QUARTLY MNT | BDSLRUOABOWJ | CMS-PFE-SUBJ | | | | MIDDAY-MEAL | PEAVOENT | FFQ | OHA | HANDOVER | | FWAERLE | DPC | PREP WORK | * | | | |
| DAY/NIGHT ORBIT | | | | | | | | | | | | | | | | | | | | | | | |
| TDRS WEZ | | | | | | | | | | | | | | | | | | | | | | | |
| TDRS ISS AVAIL | | | | | | | | | | | | | | | | | | | | | | | |
| ORB ATT | | BIAS -XLV -ZVV | | | | | | | | | | | | | | | | | | | | | |
| NOTES | | #STATUS CK *FILTER CK *SALIVA KIT | | | | | | | | | | +STATUS CK #ACT *PRE SLEEP-IS %CMG TO STS *STS TO CMG | | | | | | | | | | | |
| | | 2-42 | | | | | | | | | | FLT PLN/119/FIN | | | | | | | | | | | |

STS-119/15A JNT MSN SHORT TERM PLAN

CT 02/22/09 (053)

MET Day 010

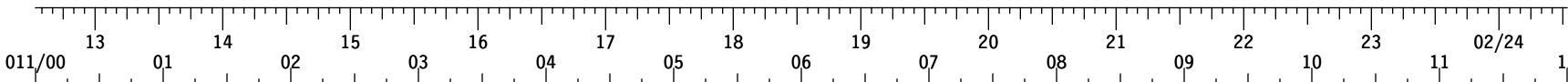
GMT 02/23/09 (054)



| ISS | DAY/NIGHT | [Day/Night Cycle] | | | | | | | | | | | |
|----------------|----------------------|----------------------|------|------|------|------|------|------|------|--|--|--|--|
| | ORBIT | 2799 | 2800 | 2801 | 2802 | 2803 | 2804 | 2805 | 2806 | | | | |
| | DAILY ORBIT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | |
| | TDRS AVAIL | [TDRS Availability] | | | | | | | | | | | |
| VHF | ALL VHF | | | | | | | | | | | | |
| ISS ATTITUDE | | -XVW +ZLV TEA | | | | | | | | | | | |
| TLM FORMAT SAA | | VWW | | | | | | | | | | | |
| D | C&T-VIDEO-CNFG | C&T-VIDEO-CNFG | | | | | | | | | | | |
| | O2-TEARDOWN-SPPT | O2-TEARDOWN-SPPT | | | | | | | | | | | |
| | A/L-CCAA-RECNFG | A/L-CCAA-RECNFG | | | | | | | | | | | |
| | HMS-PMC-FE2 | HMS-PMC-FE2 | | | | | | | | | | | |
| | RS-CONTG-TLM | RS-CONTG-TLM | | | | | | | | | | | |
| | CCS-TLM FORMAT-SWAP | CCS-TLM FORMAT-SWAP | | | | | | | | | | | |
| | PPS-SARJ-LOCK | PPS-SARJ-LOCK | | | | | | | | | | | |
| | THC-IMV-DEACT | THC-IMV-DEACT | | | | | | | | | | | |
| | ACS-CMG-DATA-DUMP | ACS-CMG-DATA-DUMP | | | | | | | | | | | |
| | PPS-BGA-FTHR | PPS-BGA-FTHR | | | | | | | | | | | |
| B | ACS-H/O-CMGTA-ORB | ACS-H/O-CMGTA-ORB | | | | | | | | | | | |
| | LOCK-OPS-RECORDER | LOCK-OPS-RECORDER | | | | | | | | | | | |
| | ACS-CMG-SPINUP | ACS-CMG-SPINUP | | | | | | | | | | | |
| | DPC-EVENING | DPC-EVENING | | | | | | | | | | | |
| | ACS-H/O-ORB-CMGTA | ACS-H/O-ORB-CMGTA | | | | | | | | | | | |
| | PPS-BGA-AUTO | PPS-BGA-AUTO | | | | | | | | | | | |
| | PPS-SARJ-UNLOCK | PPS-SARJ-UNLOCK | | | | | | | | | | | |
| | PPS-BGA/SARJ-AUTO | PPS-BGA/SARJ-AUTO | | | | | | | | | | | |
| | OCA-MAIL-SYNC | OCA-MAIL-SYNC | | | | | | | | | | | |
| | HMS-PMC-FE2 | HMS-PMC-FE2 | | | | | | | | | | | |
| C | DMS-SOL SCIENCE1-U/L | DMS-SOL SCIENCE1-U/L | | | | | | | | | | | |
| | RS-CONTG-TLM | RS-CONTG-TLM | | | | | | | | | | | |
| | CCS-TLM FORMAT-SWAP | CCS-TLM FORMAT-SWAP | | | | | | | | | | | |
| | ACS-CMG-DATA-DUMP | ACS-CMG-DATA-DUMP | | | | | | | | | | | |
| | LOCK-OPS-RECORDER | LOCK-OPS-RECORDER | | | | | | | | | | | |
| | DPC-EVENING | DPC-EVENING | | | | | | | | | | | |
| | SSCR-DEACT | SSCR-DEACT | | | | | | | | | | | |
| | COMMS-EDR HRD-DL | COMMS-EDR HRD-DL | | | | | | | | | | | |
| | EDR-PCDF-CMD | EDR-PCDF-CMD | | | | | | | | | | | |
| | EDR-PCDF-RES | EDR-PCDF-RES | | | | | | | | | | | |
| SOL-REAL-CMD | SOL-REAL-CMD | | | | | | | | | | | | |
| R | VLE1-CST-XFER | VLE1-CST-XFER | | | | | | | | | | | |
| | DMS-SOL SCIENCE1-U/L | DMS-SOL SCIENCE1-U/L | | | | | | | | | | | |
| | MMU-SOL-XFER | MMU-SOL-XFER | | | | | | | | | | | |
| | DOME-OPS-MON | DOME-OPS-MON | | | | | | | | | | | |
| | JEM FDS-SD-BIT | JEM FDS-SD-BIT | | | | | | | | | | | |
| | JFCT H/O (3/1) | JFCT H/O (3/1) | | | | | | | | | | | |
| | IPIU-ACTIVATION | IPIU-ACTIVATION | | | | | | | | | | | |
| | IPIU-TAXI-ACT | IPIU-TAXI-ACT | | | | | | | | | | | |
| | DOME-FILE-DUMP | DOME-FILE-DUMP | | | | | | | | | | | |
| | J-PLBUS CH-RCN | J-PLBUS CH-RCN | | | | | | | | | | | |
| S | IPIU-HRDL-TERM | IPIU-HRDL-TERM | | | | | | | | | | | |
| | COL_SYS-LRD/MRD-D/L | COL_SYS-LRD/MRD-D/L | | | | | | | | | | | |

GMT 02/23/09 (054)

MET Day 011



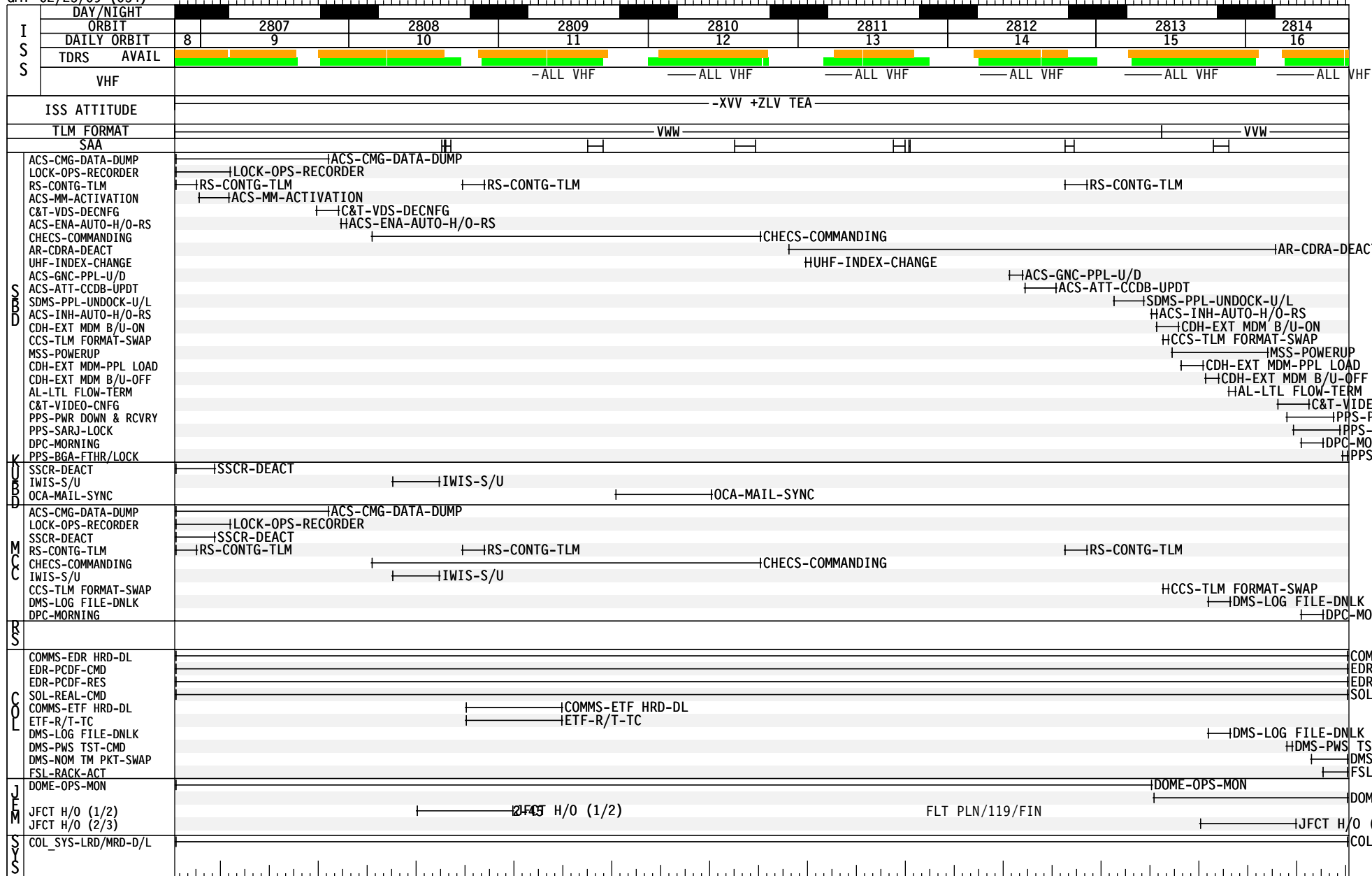
| | | | | | | | |
|---------------------------------|----------------------------|--|-----------|-------|------------|-----------------------------|--|
| S T S - 1 1 9 | FD12 CDR ARCHAMBAULT | PRE SLEEP | SLEEP | FD13 | POST SLEEP | | |
| | PLT ANTONELLI | PRE SLEEP | SLEEP | LOG | POST SLEEP | | |
| | MS1 ACABA | PRE SLEEP | SLEEP | | POST SLEEP | | |
| | MS2 SWANSON | PRE SLEEP | SLEEP | | POST SLEEP | | |
| | MS3 ARNOLD | PS RL EE EP C RE EW * | PRE SLEEP | SLEEP | | POST SLEEP | |
| | MS4 PHILLIPS | PRE SLEEP | SLEEP | LOG | POST SLEEP | | |
| D N | FE-2 MAGNUS | PRE SLEEP | SLEEP | | POST SLEEP | | |
| E X P - 1 8 | ISS CDR FINCKE | PRE SLEEP-ISS | SLEEP | | POST SLEEP | DPC PW RO ER PK | |
| | FE-1 LONCHAKOV | PRE SLEEP-ISS | SLEEP | | POST SLEEP | DPC PW RO ER PK | |
| U P | FE-2 EXP18 WAKATA | PRE SLEEP-ISS | SLEEP | | POST SLEEP | DPC PW RO ER PK | |
| DAY/NIGHT | | [Bar chart showing day/night cycle] | | | | | |
| ORBIT | | [Bar chart showing orbit parameters] | | | | | |
| TDRS W E Z | | [Bar chart showing TDRS windows] | | | | | |
| TDRS ISS AVAIL | | [Bar chart showing ISS availability] | | | | | |
| ORB ATT | | BIAS -XLV -ZVV | | | | | |
| NOTES | | *CHOICE D/L | | | | | |

STS-119/15A JNT MSN SHORT TERM PLAN

CT 02/23/09 (054)

MET Day 011 011/00

GMT 02/23/09 (054)



GMT 02/24/09 (055)

MET Day 011

12 01 13 02 14 03 15 04 16 05 17 06 18 07 19 08 20 09 21 10 22 11 23 12 012/00

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------|-------------------------|---|-----------------------------|----------------|---|------------|---------------|-------------|------|--|---|-------------|--------------------------------------|-----------------------|--------------------------------------|----------------------|---------------------------------|-----------------|---------------------------------|------------------|----------------------------|------------------|-----------|
| STS-119 | FD13 CDR ARCHAMBAULT | PS OL SE TE | GP R P R U P | MNVR UNDOCK | UNDOCK | DPS | FLYAROUND | SEP1 | SEP2 | M D N V R P | W I N A N S I T T E | MEAL | W T E R S T M E | | M S N T V B R D | EXERCISE | M N O V S R E | NOSE CAP SURVEY | M P N O V R T | PORT WING SURVEY | - Z X L V V | PMC A/G | PRE SLEEP |
| | PLT ANTONELLI | POST SLEEP | | UNDOCK | DPS | FLYAROUND | SEP | | | H C A B T | G P R P R D N | MEAL | OBSS UNBERTH | STBD WING SURVEY | | FILTER CLEANING | PORT WING SURVEY | OBSS BERTH | * | | | | |
| | MS1 ACABA | POST SLEEP | | UNDOCK | DPS | FLYAROUND | SEP | | | O I U @ | S D S E O A R C T | MEAL | OBSS UNBERTH | STBD WING SURVEY | | NOSE CAP SURVEY | EXERCISE | | OBSS BERTH | M U S | | | |
| | MS2 SWANSON | PS OL SE TE | GP R P R U P | POST SLEEP | UNDOCK | DPS | FLYAROUND | SEP | | C O M M 1 | G P R P R D N | MEAL | PLYBK OPS | C T O N D | EMU INSTL | EVA UNPACK & STOW | PST ISS EVA ENT PREP | EXERCISE | PORT WING SURVEY | | PRE SLEEP | | |
| | MS3 ARNOLD | POST SLEEP | | | P/T | UNDOCK | DPS | FLYAROUND | SEP | | P D S T E V A O C 3 T | MEAL | | EMU INSTL | EVA UNPACK & STOW | PST ISS EVA ENT PREP | | | EXERCISE | | LDRI D/L | O C A * | |
| | MS4 PHILLIPS | POST SLEEP | | UNDOCK | DPS | FLYAROUND | SEP | | | P O S T U N D K P G S C C N F G | | MEAL | | | STBD WING SURVEY | NOSE CAP SURVEY | | | EXERCISE | M U S | PRE SLEEP | | |
| DN | FE-2 MAGNUS | POST SLEEP | | UNDOCK | DPS | FLYAROUND | SEP | | | | | MEAL | | EXERCISE | | EXERCISE | | | | | | PRE SLEEP | |
| EXP-18 | ISS CDR FINCKE | P W R O P E R P K | P B A | | PMA2 DEPART CONFIG | PMA2-DEPRS | | | | L K - C K | | MIDDAY-MEAL | L K - C K | A U D I O | I T D I S | | EXERCISE TVIS | EXERCISE ARE | PREP WORK | PRE SLEEP - ISS | | | |
| | FE-1 LONCHAKOV | P W R O P E R P K | | | PMA2 DEPART CONFIG | | EXERCISE TVIS | MIDDAY-MEAL | | | | | | | RUSSIAN OPS | | VELO | PREP WORK | PRE SLEEP - ISS | | | | |
| UP | FE-2 EXP18 WAKATA | P W R O P E R P K | B P S M U | | U V N I D D K E O | | | MIDDAY-MEAL | | | | | | EXERCISE TVIS | EXERCISE ARE | | | PREP WORK | PRE SLEEP - ISS | | | | |

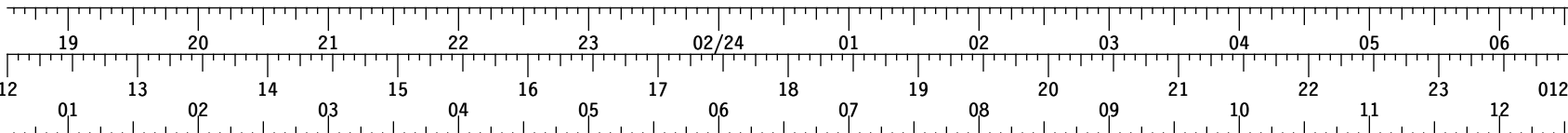
| | | | | | | | | | | | |
|-----------|-------------|---------------------------|------------------|--------|-----|-----------|-----------|-----------|------------|----------------------|--|
| DAY/NIGHT | ORBIT | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | |
| TDRS | W E Z | [Timeline bars] | | | | | | | | | |
| TDRS | ISS AVAIL | [Timeline bars] | | | | | | | | | |
| ORB ATT | | UNDOCK | FLYAROUND/SEP | | | -ZLV +YVV | BIAS +YSI | BIAS +XSI | BIAS -YSI | -ZLV -XVV | |
| NOTES | | *DEACT #CONFIG +STATUS CK | *11/13:58 | @DEACT | | | | | %STATUS CK | *PRE SLEEP *RATE REC | |

STS-119/15A JNT MSN SHORT TERM PLAN

CT 02/23/09 (054)

MET Day 011

GMT 02/24/09 (055)



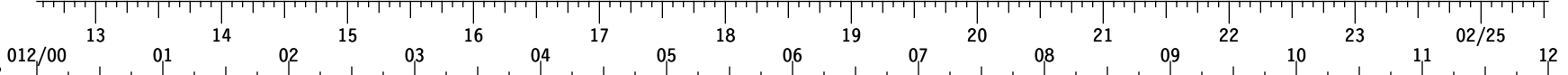
| ISS | DAY/NIGHT | 2814 | 2815 | 2816 | 2817 | 2818 | 2819 | 2820 | 2821 | 2822 |
|----------------|---------------------|---|------|------|------|------|------|------|------|------|
| | ORBIT | 16 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | DAILY ORBIT | 16 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | TDRS AVAIL | [Color-coded bars indicating TDRS availability] | | | | | | | | |
| VHF | ALL VHF | | | | | | | | | |
| ISS ATTITUDE | +XVV +ZLV TEA | | | | | | | | | |
| TLM FORMAT SAA | VWV VWV VVW VVW VWV | | | | | | | | | |

| ISS | PPS-BGA-FTHR/LOCK | PPS-BGA-FTHR/LOCK | | | | | | | | |
|----------------------|----------------------|-------------------|----------------------|--|--|----------------------|--|--|----------------------|--|
| | ACS-CMG-DATA-DUMP | ACS-CMG-DATA-DUMP | | | | ACS-CMG-DATA-DUMP | | | | |
| C&DH-INH VALID-CK | C&DH-INH VALID-CK | | C&DH-INH VALID-CK | | | C&DH-INH VALID-CK | | | C&DH-INH VALID-CK | |
| ACS-H/O-CMGTA-ORB | ACS-H/O-CMGTA-ORB | | ACS-H/O-CMGTA-ORB | | | ACS-H/O-CMGTA-ORB | | | ACS-H/O-CMGTA-ORB | |
| CCS-TLM FORMAT-SWAP | CCS-TLM FORMAT-SWAP | | CCS-TLM FORMAT-SWAP | | | CCS-TLM FORMAT-SWAP | | | CCS-TLM FORMAT-SWAP | |
| LOCK-OPS-RECORDER | LOCK-OPS-RECORDER | | LOCK-OPS-RECORDER | | | LOCK-OPS-RECORDER | | | LOCK-OPS-RECORDER | |
| SDMS-UNDOCK-DATATAKE | SDMS-UNDOCK-DATATAKE | | SDMS-UNDOCK-DATATAKE | | | SDMS-UNDOCK-DATATAKE | | | SDMS-UNDOCK-DATATAKE | |
| ACS-PRE-DPRT-CNFG | ACS-PRE-DPRT-CNFG | | ACS-PRE-DPRT-CNFG | | | ACS-PRE-DPRT-CNFG | | | ACS-PRE-DPRT-CNFG | |
| C&T-KU-BD-PARK | C&T-KU-BD-PARK | | C&T-KU-BD-PARK | | | C&T-KU-BD-PARK | | | C&T-KU-BD-PARK | |
| C&DH-UNDOCK-CNFG | C&DH-UNDOCK-CNFG | | C&DH-UNDOCK-CNFG | | | C&DH-UNDOCK-CNFG | | | C&DH-UNDOCK-CNFG | |
| ACS-PMA2-DEPART-CNFG | ACS-PMA2-DEPART-CNFG | | ACS-PMA2-DEPART-CNFG | | | ACS-PMA2-DEPART-CNFG | | | ACS-PMA2-DEPART-CNFG | |
| ACS-PMA2-DPRT-CNFG | ACS-PMA2-DPRT-CNFG | | ACS-PMA2-DPRT-CNFG | | | ACS-PMA2-DPRT-CNFG | | | ACS-PMA2-DPRT-CNFG | |
| UNDOCKING | UNDOCKING | | UNDOCKING | | | UNDOCKING | | | UNDOCKING | |
| ACS-POST-DPRT-CNFG | ACS-POST-DPRT-CNFG | | ACS-POST-DPRT-CNFG | | | ACS-POST-DPRT-CNFG | | | ACS-POST-DPRT-CNFG | |
| C&T-H/L AUDIO-BCKOUT | C&T-H/L AUDIO-BCKOUT | | C&T-H/L AUDIO-BCKOUT | | | C&T-H/L AUDIO-BCKOUT | | | C&T-H/L AUDIO-BCKOUT | |
| C&T-KU-BD-UNPARK | C&T-KU-BD-UNPARK | | C&T-KU-BD-UNPARK | | | C&T-KU-BD-UNPARK | | | C&T-KU-BD-UNPARK | |
| PPS-SA-AUTO-TRK | PPS-SA-AUTO-TRK | | PPS-SA-AUTO-TRK | | | PPS-SA-AUTO-TRK | | | PPS-SA-AUTO-TRK | |
| PPS-BGA/SARJ-UNLOCK | PPS-BGA/SARJ-UNLOCK | | PPS-BGA/SARJ-UNLOCK | | | PPS-BGA/SARJ-UNLOCK | | | PPS-BGA/SARJ-UNLOCK | |
| ETCS-PPL-INCORP | ETCS-PPL-INCORP | | ETCS-PPL-INCORP | | | ETCS-PPL-INCORP | | | ETCS-PPL-INCORP | |
| ETCS-LPB TRRJ-AUTO | ETCS-LPB TRRJ-AUTO | | ETCS-LPB TRRJ-AUTO | | | ETCS-LPB TRRJ-AUTO | | | ETCS-LPB TRRJ-AUTO | |
| PPS-BGA-AUTO | PPS-BGA-AUTO | | PPS-BGA-AUTO | | | PPS-BGA-AUTO | | | PPS-BGA-AUTO | |
| ACS-H/O-RS-TO-US-MM | ACS-H/O-RS-TO-US-MM | | ACS-H/O-RS-TO-US-MM | | | ACS-H/O-RS-TO-US-MM | | | ACS-H/O-RS-TO-US-MM | |
| C&T-VDS-DECNFG | C&T-VDS-DECNFG | | C&T-VDS-DECNFG | | | C&T-VDS-DECNFG | | | C&T-VDS-DECNFG | |
| PPS-PWR DOWN & RCVRY | PPS-PWR DOWN & RCVRY | | PPS-PWR DOWN & RCVRY | | | PPS-PWR DOWN & RCVRY | | | PPS-PWR DOWN & RCVRY | |
| PPS-SARJ-MOVE | PPS-SARJ-MOVE | | PPS-SARJ-MOVE | | | PPS-SARJ-MOVE | | | PPS-SARJ-MOVE | |
| PPS-BGA/SARJ-AUTO | PPS-BGA/SARJ-AUTO | | PPS-BGA/SARJ-AUTO | | | PPS-BGA/SARJ-AUTO | | | PPS-BGA/SARJ-AUTO | |
| ACS-ENABLE-GPS-ATT | ACS-ENABLE-GPS-ATT | | ACS-ENABLE-GPS-ATT | | | ACS-ENABLE-GPS-ATT | | | ACS-ENABLE-GPS-ATT | |
| HK2-TLM-CNFG | HK2-TLM-CNFG | | HK2-TLM-CNFG | | | HK2-TLM-CNFG | | | HK2-TLM-CNFG | |
| FDS-SD ABIT-SYNC | FDS-SD ABIT-SYNC | | FDS-SD ABIT-SYNC | | | FDS-SD ABIT-SYNC | | | FDS-SD ABIT-SYNC | |
| ACS-GPS-RCNF | ACS-GPS-RCNF | | ACS-GPS-RCNF | | | ACS-GPS-RCNF | | | ACS-GPS-RCNF | |
| C&T-UHF1-DEACT | C&T-UHF1-DEACT | | C&T-UHF1-DEACT | | | C&T-UHF1-DEACT | | | C&T-UHF1-DEACT | |
| PPS-LS-FDIR-ENA | PPS-LS-FDIR-ENA | | PPS-LS-FDIR-ENA | | | PPS-LS-FDIR-ENA | | | PPS-LS-FDIR-ENA | |
| C&T-AUDIO-CNFG | C&T-AUDIO-CNFG | | C&T-AUDIO-CNFG | | | C&T-AUDIO-CNFG | | | C&T-AUDIO-CNFG | |
| IATCS-LTL STPT-CHNG | IATCS-LTL STPT-CHNG | | IATCS-LTL STPT-CHNG | | | IATCS-LTL STPT-CHNG | | | IATCS-LTL STPT-CHNG | |
| TCS-PMA2-HTR-CNFG | TCS-PMA2-HTR-CNFG | | TCS-PMA2-HTR-CNFG | | | TCS-PMA2-HTR-CNFG | | | TCS-PMA2-HTR-CNFG | |
| RS-CONTG-TLM | RS-CONTG-TLM | | RS-CONTG-TLM | | | RS-CONTG-TLM | | | RS-CONTG-TLM | |
| OCA-MAIL-SYNC | OCA-MAIL-SYNC | | OCA-MAIL-SYNC | | | OCA-MAIL-SYNC | | | OCA-MAIL-SYNC | |

| ISS | ACS-CMG-DATA-DUMP | ACS-CMG-DATA-DUMP | | | | | | | | |
|----------------------|----------------------|---------------------|----------------------|---------------------|--|----------------------|---------------------|--|----------------------|---------------------|
| | CCS-TLM FORMAT-SWAP | CCS-TLM FORMAT-SWAP | | CCS-TLM FORMAT-SWAP | | | CCS-TLM FORMAT-SWAP | | | CCS-TLM FORMAT-SWAP |
| LOCK-OPS-RECORDER | LOCK-OPS-RECORDER | | LOCK-OPS-RECORDER | | | LOCK-OPS-RECORDER | | | LOCK-OPS-RECORDER | |
| MCC GO FOR UNDOCK | MCC GO FOR UNDOCK | | MCC GO FOR UNDOCK | | | MCC GO FOR UNDOCK | | | MCC GO FOR UNDOCK | |
| ISS-PROX MODE-XTION | ISS-PROX MODE-XTION | | ISS-PROX MODE-XTION | | | ISS-PROX MODE-XTION | | | ISS-PROX MODE-XTION | |
| IWIS-DATA-TAKE | IWIS-DATA-TAKE | | IWIS-DATA-TAKE | | | IWIS-DATA-TAKE | | | IWIS-DATA-TAKE | |
| UNDOCKING | UNDOCKING | | UNDOCKING | | | UNDOCKING | | | UNDOCKING | |
| ACS-H/O-RS-TO-US-MM | ACS-H/O-RS-TO-US-MM | | ACS-H/O-RS-TO-US-MM | | | ACS-H/O-RS-TO-US-MM | | | ACS-H/O-RS-TO-US-MM | |
| ISS-STND MODE-XTION | ISS-STND MODE-XTION | | ISS-STND MODE-XTION | | | ISS-STND MODE-XTION | | | ISS-STND MODE-XTION | |
| HK2-TLM-CNFG | HK2-TLM-CNFG | | HK2-TLM-CNFG | | | HK2-TLM-CNFG | | | HK2-TLM-CNFG | |
| DMS-SOL SCIENCE1-U/L | DMS-SOL SCIENCE1-U/L | | DMS-SOL SCIENCE1-U/L | | | DMS-SOL SCIENCE1-U/L | | | DMS-SOL SCIENCE1-U/L | |
| RS-CONTG-TLM | RS-CONTG-TLM | | RS-CONTG-TLM | | | RS-CONTG-TLM | | | RS-CONTG-TLM | |

| ISS | C-COC5-FTHR | C-COC5-FTHR | | | | | | | | |
|------------------|------------------|-------------|------------------|-------------|--|------------------|-------------|--|------------------|-------------|
| | C-COC5-MODE | C-COC5-MODE | | C-COC5-MODE | | | C-COC5-MODE | | | C-COC5-MODE |
| COMMS-EDR HRD-DL | COMMS-EDR HRD-DL | | COMMS-EDR HRD-DL | | | COMMS-EDR HRD-DL | | | COMMS-EDR HRD-DL | |
| FDR-PCDF-CMD | FDR-PCDF-CMD | | FDR-PCDF-CMD | | | FDR-PCDF-CMD | | | FDR-PCDF-CMD | |

GMT 02/24/09 (055)



MET Day 012

| | | | | | | | | | |
|----------------|-----------------|-----------|----------------------|----------------------|-----|-----------------|-----|------------|------------|
| STS-119 | FD13 | | | FD14 | | | | | |
| | CDR ARCHAMBAULT | PRE SLEEP | | SLEEP | | | | | POST SLEEP |
| | PLT ANTONELLI | PRE SLEEP | | SLEEP | | | | | POST SLEEP |
| | MS1 ACABA | PRE SLEEP | | SLEEP | | | | | POST SLEEP |
| | MS2 SWANSON | PRE SLEEP | | SLEEP | | | | | POST SLEEP |
| | MS3 ARNOLD | PRE SLEEP | | SLEEP | | | | | POST SLEEP |
| | MS4 PHILLIPS | PRE SLEEP | | SLEEP | | | | | POST SLEEP |
| FE-2 DN MAGNUS | PRE SLEEP | | SLEEP | | | | | POST SLEEP | |
| DAY/NIGHT | | | | | | | | | |
| ORBIT | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 |
| TDRS | W E S | | | | | | | | |
| ORB ATT | | | | | | -ZLV -XVV | | | |
| GND | -DFR | | -WSS -DFR -MLA | -WSS -DFR -MLA | | -WSS -DFR | | -DFR | |
| NOTES | | | 2-48 | | | FLT PLN/119/FIN | | | |

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GMT 02/25/09 (056)

12 01 13 02 14 03 15 04 16 05 17 06 18 07 19 08 20 09 21 10 22 11 23 12 013/00

MET Day 012

| | | | | | | | | | | | | | | | | | | | | | | |
|---------|----------------|-----------------|-------------------------------|-------------------------------------|--------------|--------------|-------------------|-------------|--------------|-----------|------------|---------------------------|-----------------|----------------------|---------------|--------------------------|--------------|-----------|--------|-------------|-------|---|
| STS-119 | FD14 | CDR ARCHAMBAULT | POST SLEEP | EXERCISE | CABIN STOW | FCS C/O | RCS FIRE HOT | CS AT BOIWN | PEAV OENT | D/O BRIEF | MEAL | MNUM VMP | WANSITTE | CS AT BOIWN | WTAER STMTE | CWC DUMP | PILOT OPS | ENTRY % | PMCA/G | OA OMS BURN | -ZLVV | * |
| | PLT ANTONELLI | POST SLEEP | W M R S D N | CABIN STOW | FCS C/O | RCS FIRE HOT | CS AT BOIWN | PEAV OENT | D/O BRIEF | MEAL | FESTI | CABIN STOW | EXERCISE | CABIN STOW | PILOT OPS | MF AET DSM S+T | OA OMS BURN | PRE SLEEP | | | | |
| | MS1 ACABA | EXERCISE | R P M W R S D N | FILTER CLEANING | CABIN STOW | PEAV OENT | D/O BRIEF | MEAL | L-1 COMM CHK | COMM 1 | SD SE VACT | CABIN STOW | L-1 COMM CHK | CABIN STOW | PRE SLEEP | KU S TOW | PS R L E E P | | | | | |
| | MS2 SWANSON | POST SLEEP | B D S L R U O A B D O U O W D | POST SLEEP | EXERCISE | FCS C/O | RCS FIRE HOT | DRY S L V | PEAV OENT | D/O BRIEF | MEAL | CABIN STOW | CABIN STOW | PILOT OPS | W D L E A S T | PG S C S T O W P A R T I | KU S T O W | PRE SLEEP | | | | |
| | MS3 ARNOLD | POST SLEEP | B D S L R U O A B D O U O W D | CABIN STOW | FCS C/O P/TV | CABIN STOW | R P C / S T H V F | DRY S L V | PEAV OENT | D/O BRIEF | MEAL | E V N I E T D T R E U O P | EXERCISE | ERG STOW | CREW* | CABIN STOW | PRE SLEEP | | | | | |
| | MS4 PHILLIPS | POST SLEEP | B S L E O U O W D | B D O L R P L R O A R O A B O W J # | CABIN STOW | EXERCISE | DRY S L V | PEAV OENT | D/O BRIEF | MEAL | CABIN STOW | ERG STOW | RCMBNT SEAT S/U | LAUNCH ENTRY SUIT CK | PRE SLEEP | | | | | | | |
| | FE-2 DN MAGNUS | POST SLEEP | B D S L R U O A B D O U O W D | B D O L R P L R O A R O A B O W J # | EXERCISE | CABIN STOW | DRY S L V | PEAV OENT | D/O BRIEF | MEAL | CABIN STOW | CABIN STOW | RCMBNT SEAT S/U | LAUNCH ENTRY SUIT CK | PRE SLEEP | | | | | | | |

DAY/NIGHT

ORBIT 198 199 200 201 202 203 204 205 206

TDRS W E S

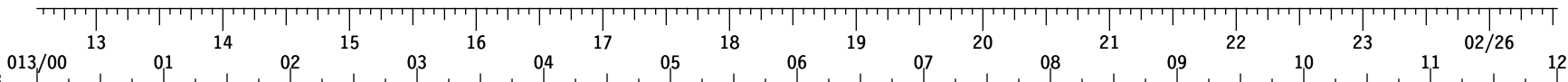
ORB ATT -ZLV -XVV -ZLV -XVV BIAS -ZLV -YVV -ZLV -YVV OA

GND -MLA -WSS -DFR -WSS -DFR -DFR

NOTES *HEATER ACT #BLOOD *RATE DECONFIG @STATUS CK 2-49 *CHOICE D/L %COOLING CNFG *PRE SLEEP +POWER ON *STATUS CK

FLT PLN/119/FIN

GMT 02/25/09 (056)

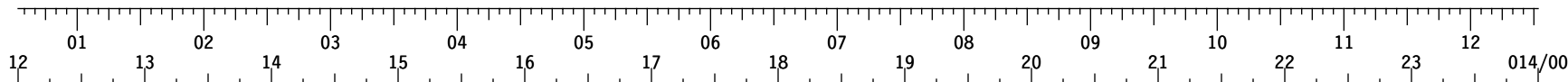


MET Day 013

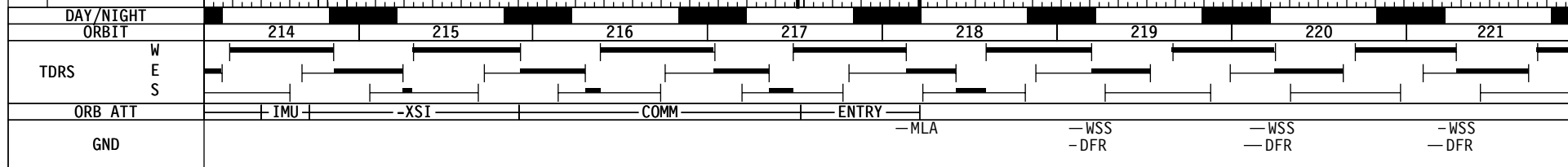
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|---------------------------------|--------------------|--|--------------------------------------|-------------|-------|-----------------|--|--|--|-------------------|------------|
| S T S - 1 1 9 | FD14 | | | FD15 | | | | | | | |
| | CDR ARCHAMBAULT | PRE SLEEP | | SLEEP | | | | | | POST SLEEP | |
| | PLT ANTONELLI | PRE SLEEP | | SLEEP | | | | | | LOG POST SLEEP | |
| | MS1 ACABA | PRE SLEEP | | SLEEP | | | | | | POST SLEEP | |
| | MS2 SWANSON | PRE SLEEP | D R Y S L E E P | SLEEP | | | | | | POST SLEEP | |
| | MS3 ARNOLD | PRE SLEEP | D R Y S L E E P | SLEEP | | | | | | POST SLEEP | |
| | MS4 PHILLIPS | PRE SLEEP | D R Y S L E E P | SLEEP | | | | | | LOG POST SLEEP | |
| | FE-2 DN MAGNUS | P M C A / G | PRE SLEEP | | SLEEP | | | | | | POST SLEEP |
| DAY/NIGHT | | | | | | | | | | | |
| ORBIT | | | | | | | | | | | |
| TDRS | | | | | | | | | | | |
| ORB ATT | | | | | | | | | | | |
| GND | | -DFR -MLA -WSS -DFR -MLA -WSS -DFR -MLA -ZLV -XVV -DFR | | | | | | | | | |
| NOTES | | 2-50 | | | | FLT PLN/119/FIN | | | | | |

GMT 02/26/09 (057)

MET Day 013



| | | | | | |
|---------|--------------------------------|--|--------------|----------|---------------|
| STS-119 | FD15 CDR ARCHAMBAULT | PMC A/G GPRUB IMU ALIGN & VERIF MNXSVRI | DEORBIT PREP | | |
| | PLT ANTONELLI | MM A/D GPRUB POST SLEEP | DEORBIT PREP | | |
| | MS1 ACABA | POST SLEEP | DEORBIT PREP | D/O TIG* | L AND I N G * |
| | MS2 SWANSON | POST SLEEP | DEORBIT PREP | | |
| | MS3 ARNOLD | POST SLEEP | DEORBIT PREP | | |
| | MS4 PHILLIPS | POST SLEEP | DEORBIT PREP | | |
| | FE-2 DN MAGNUS | POST SLEEP | DEORBIT PREP | | |
| | | | | | |
| | | | | | |



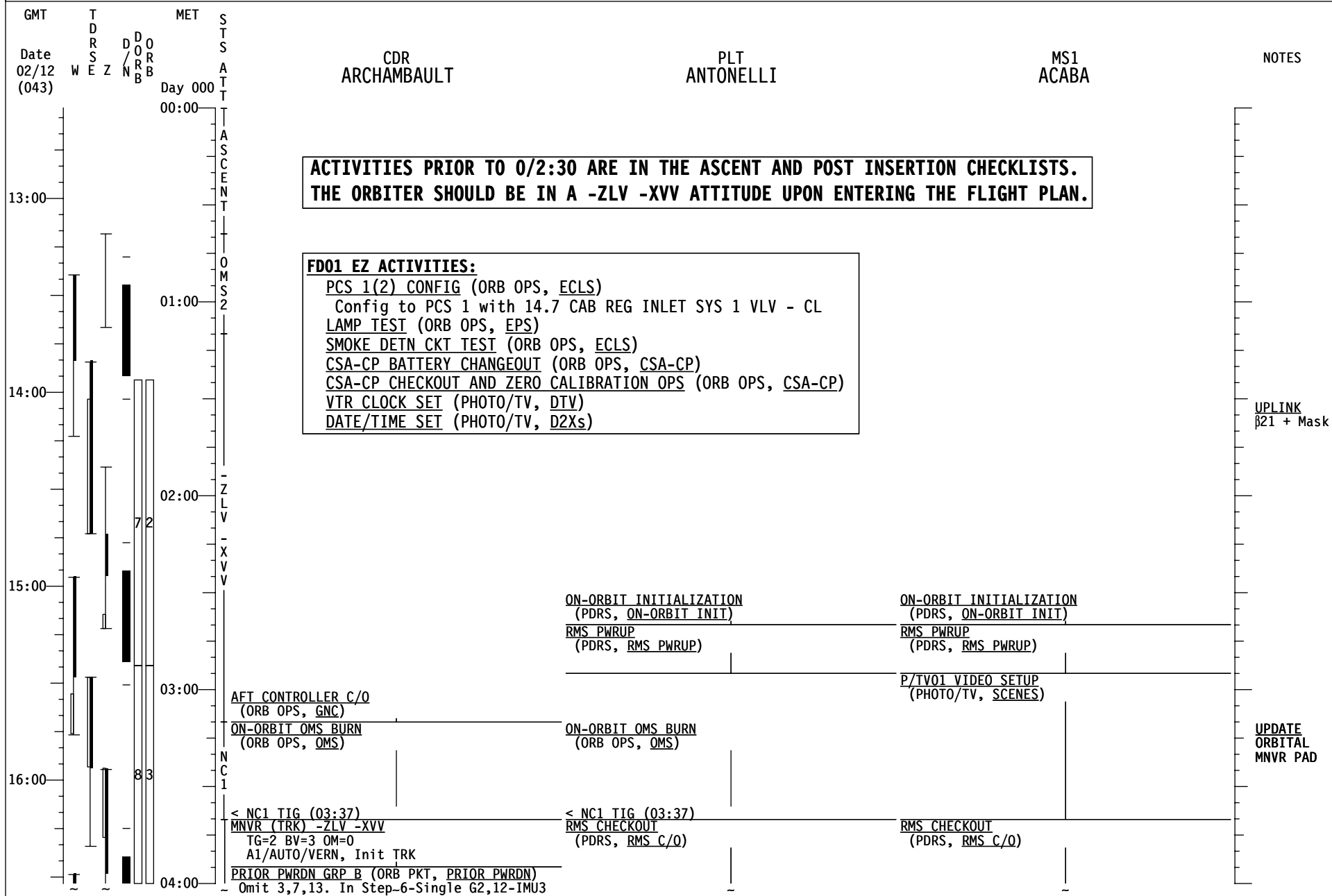
| | | | |
|-------|---|------------------------------------|---|
| NOTES | *POST SLEEP *STRAIN GAGE ENABLE @STATUS CK #SALIVA KIT | D/O TIG (13/17:13)* 2-51 | *KSC LANDING (13/18:16) FLT PLN/119/FIN |
|-------|---|------------------------------------|---|

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DETAILED TIMELINE

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TIMELINE

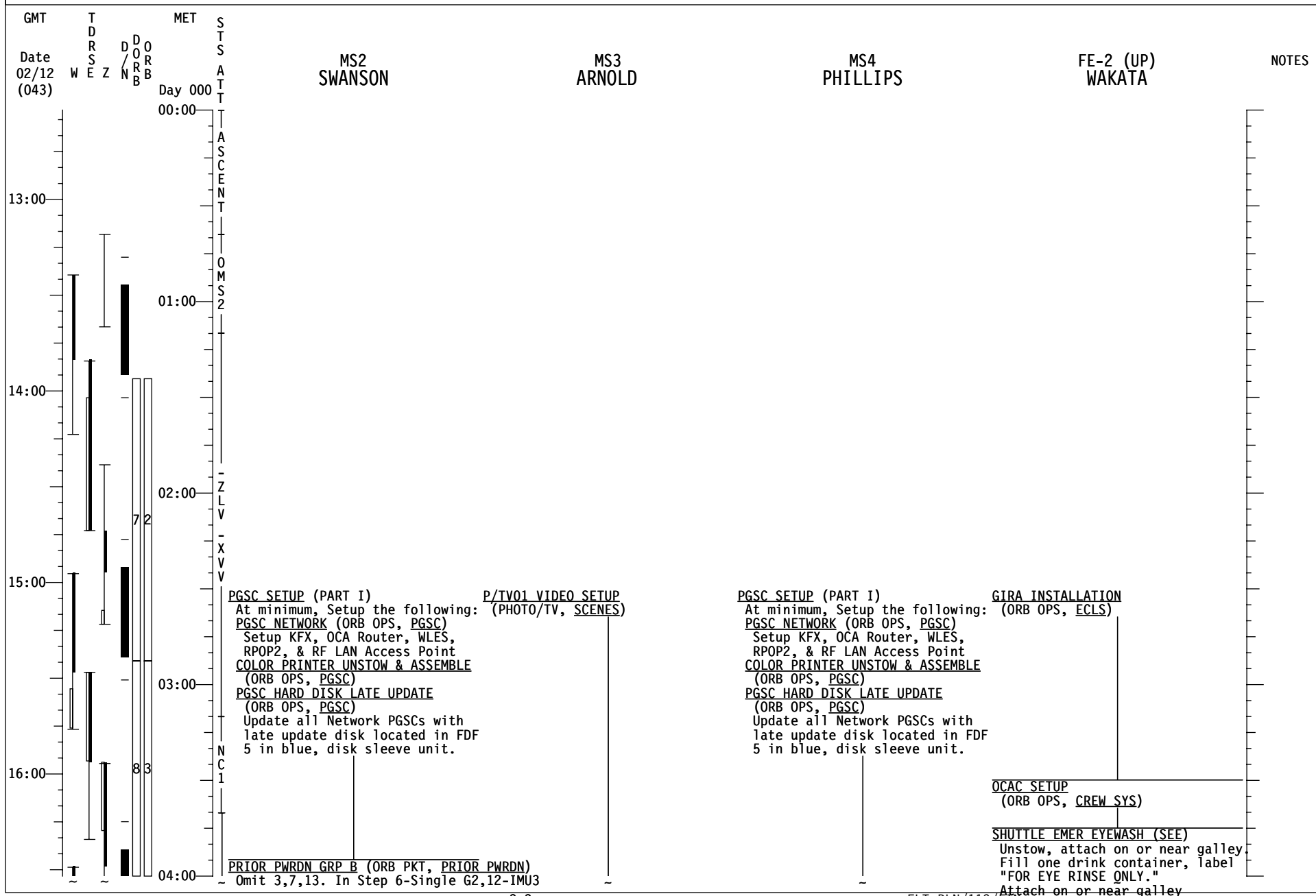
STS-119 FD (01)



UPLINK
β21 + Mask

UPDATE
ORBITAL
MNVR PAD

STS-119 FD (01)



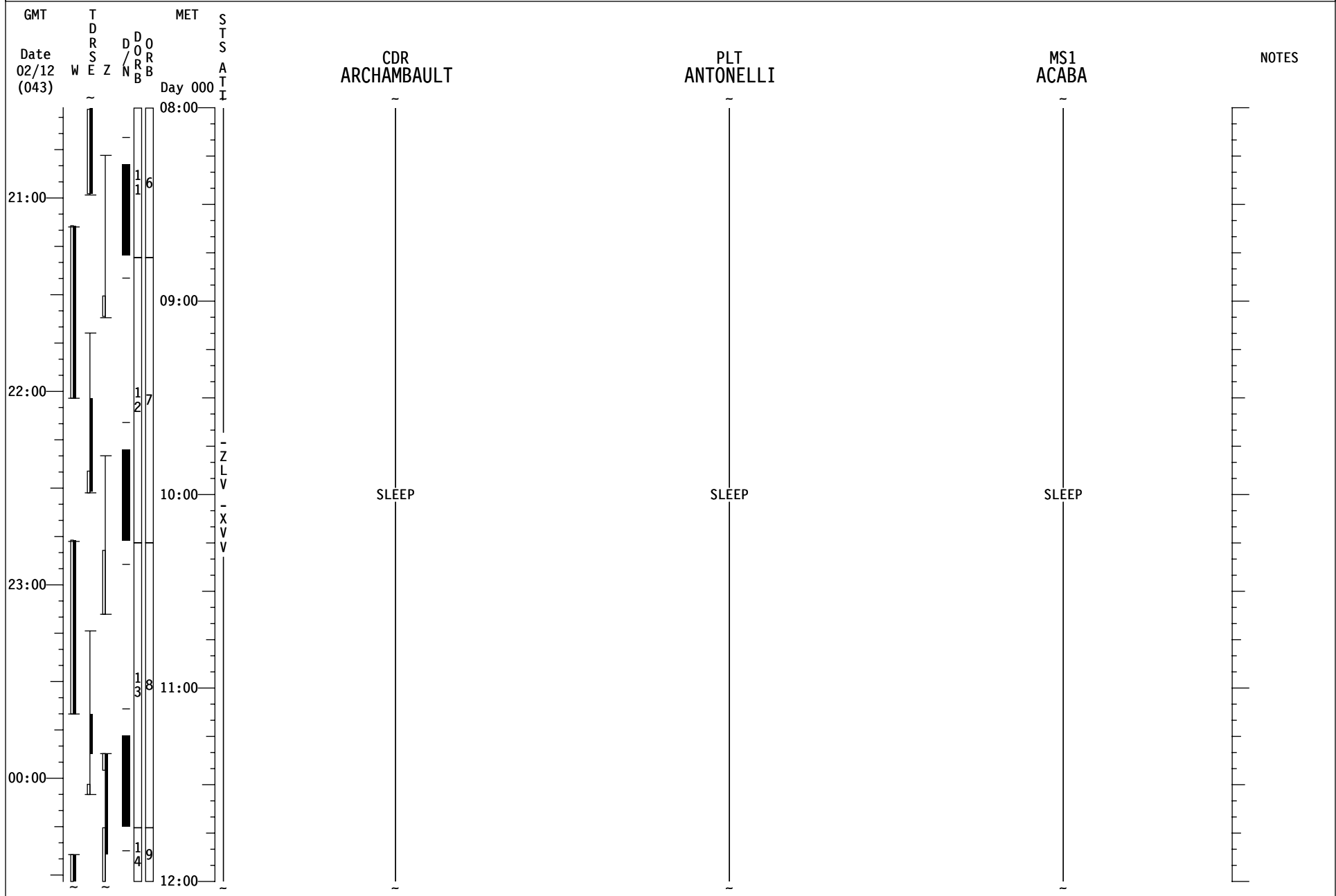
STS-119 FD (01)

| GMT | T D R S E Z | D O R B | MET | S T S | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|------------------|-------------|---------|---------|-------|--|--|---|-------|
| Date 02/12 (043) | W | E | Day 000 | A | | | | |
| 04:00 | | 83 | | | <p><u>PRIOR PWRDN GRP B (ORB PKT, PRIOR PWRDN)</u> Omit 3,7,13. In Step 6-Single G2,12-IMU3</p> <p><u>IMU STAR OF OPPTY ALIGN (ORB OPS, GNC)</u></p> <p><u>ELEVON PARK (ORB OPS, GNC)</u></p> <p><u>INSTALL BLEED ORIFICE [A]</u></p> <p>06 VUHF MODE - OFF</p> <p>PRIVATE MEDICAL CONFERENCE</p> <p><u>PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)</u></p> | <p><u>RMS CHECKOUT (PDRS, RMS C/O)</u></p> <p><u>MOP (ASSY OPS, PAYLOADS)</u></p> <p><u>APU FDI RECONFIGS [B]</u></p> <p><u>DON ACTIWATCH (ORB OPS, SDBI)</u></p> <p><u>PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)</u></p> | <p><u>RMS CHECKOUT (PDRS, RMS C/O)</u></p> <p><u>RMS PWRDN (PDRS, RMS PWRDN) Step 1 only</u></p> <p><u>MUS (ASSY OPS, PAYLOADS)</u></p> <p><u>MOP (ASSY OPS, PAYLOADS)</u></p> <p><u>PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)</u></p> | |
| 17:00 | | | | | | | | |
| 18:00 | | 94 | | | | | | |
| 19:00 | | 105 | | | <p>[A] M069M Install Bleed Orifice Assembly into LEH 02 8 QD LEH 02 8 vlv - OP</p> | <p>[B] R2 BLR PWR(three)-OFF A12 APU HTR GG/FU PMP(three)-A AUTO</p> | | |
| 20:00 | | 116 | | | SLEEP | SLEEP | SLEEP | |
| 08:00 | | | | | | | | |

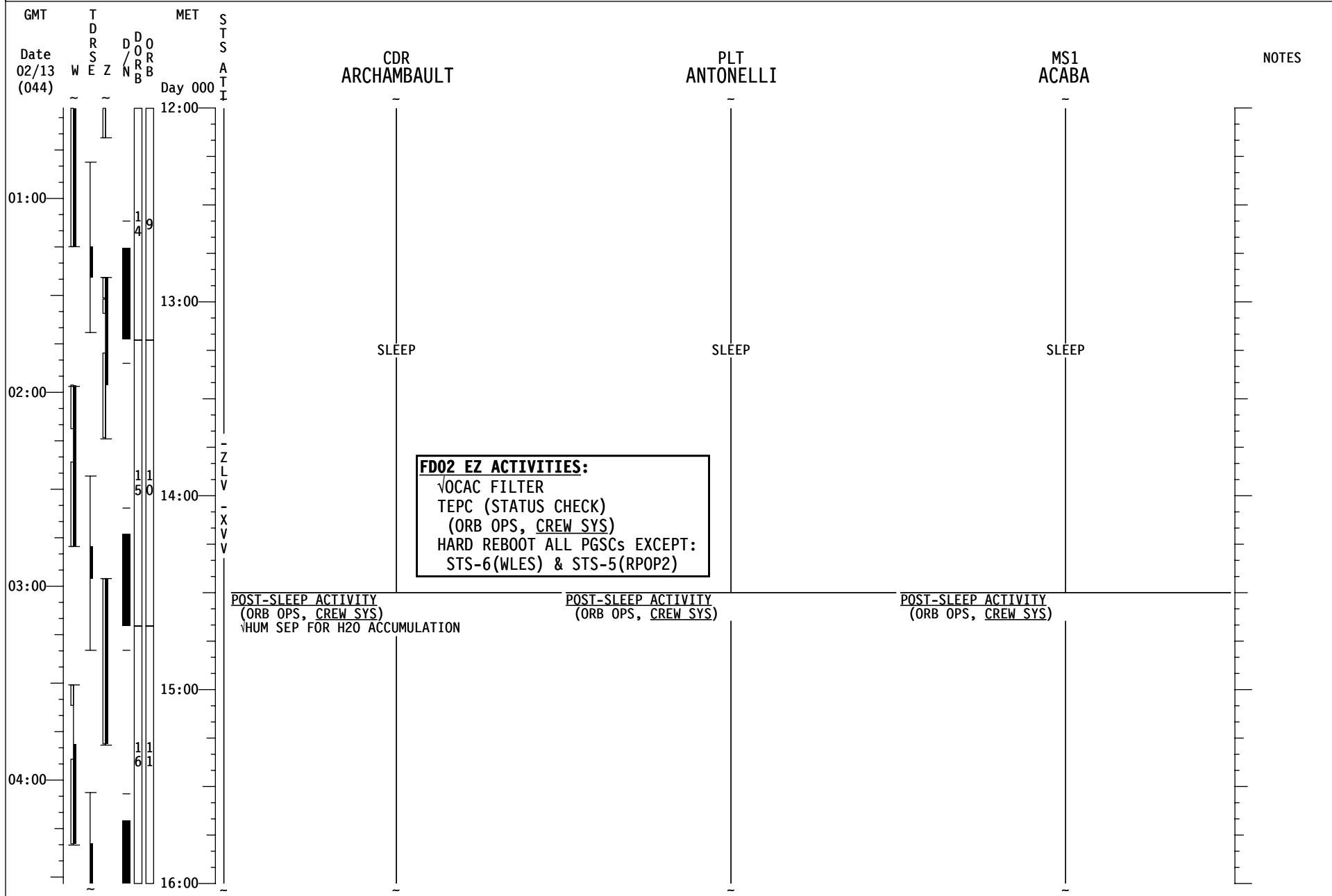
STS-119 FD (01)

| GMT Date 02/12 (043) | TDRSEZ DORNB DORRB | MET Day 000 | S T S A T T I | MS2 SWANSON | MS3 ARNOLD | MS4 PHILLIPS | FE-2 (UP) WAKATA | NOTES |
|-------------------------------|--------------------------|----------------|---------------------------------|---|--|---|---|-------|
| | | 04:00 | | <p><u>PRIOR PWRDN GRP B(OPCL,PR PWRDN)</u> Omit 3,7,13. Step 6-Sngl G2,12-IMU3</p> <p><u>ACTIVATION AND CHECKOUT</u> (ORB OPS, WLE SENSORS) Perform after Late Load disc install.</p> <p><u>UMBILICAL WELL TPS CAMERA IMAGERY DOWNLOADING</u> (ORB OPS, PGSC)</p> <p><u>MOP (ASSY OPS, PAYLOADS)</u></p> <p><u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p> | <p><u>P/TV01 VIDEO SETUP</u> (PHOTO/TV, SCENES)</p> <p><u>DCS FILE XFER (P/TV,D2Xs)</u> ET HANDHELD PHOTO</p> <p><u>PLAYBACK (DIGITAL)</u> (PHOTO/TV, CUE CARD)</p> <p>ET HANDHELD VIDEO D/L KU TDR W: 04:20-04:45</p> <p><u>MOP (ASSY OPS, PAYLOADS)</u></p> <p><u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p> | <p><u>PGSC SETUP (PART I)</u> Setup minimum config per [C]</p> <p><u>SETUP FOR SALIVA SAMPLE COLLECT</u> (ORB OPS, SDBI)</p> <p><u>MUS (ASSY OPS, PAYLOADS)</u></p> <p><u>MDDK ST CK(ASSY OPS, PAYLOADS)</u></p> <p><u>DON ACTIWATCH (ORB OPS, SDBI)</u></p> <p><u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p> | <p><u>SHUTTLE EMER EYEWASH (SEE)</u> Fill one drink container, label "FOR EYE RINSE ONLY" Attach on or near galley</p> <p><u>TISSUE EQUIV PROPORTIONAL CNTR</u> (ORB OPS, CREW SYSTEMS) Power On</p> <p><u>DON ACTIWATCH (ORB OPS, SDBI)</u></p> <p><u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p> | |
| | | 05:00 | | | | | | |
| | | 06:00 | Z L V | | | | | |
| | | 07:00 | X V V | | | | | |
| | | 19:00 | | | | [C] <u>PGSC NETWORK (ORB OPS, PGSC)</u> Setup KFX, OCA Router, WLES, RPOP2 , & RF LAN Access Point <u>COLOR PRINTER UNSTOW & ASSEMBLE</u> (ORB OPS, PGSC) <u>PGSC HARD DISK LATE UPDATE</u> (ORB OPS, PGSC) Update all Network PGSCs with late update disk located in FDF locker 5 in blue, disk sleeve unit. | | |
| | | 20:00 | | SLEEP | SLEEP | SLEEP | SLEEP | |
| | | 08:00 | | | | | | |

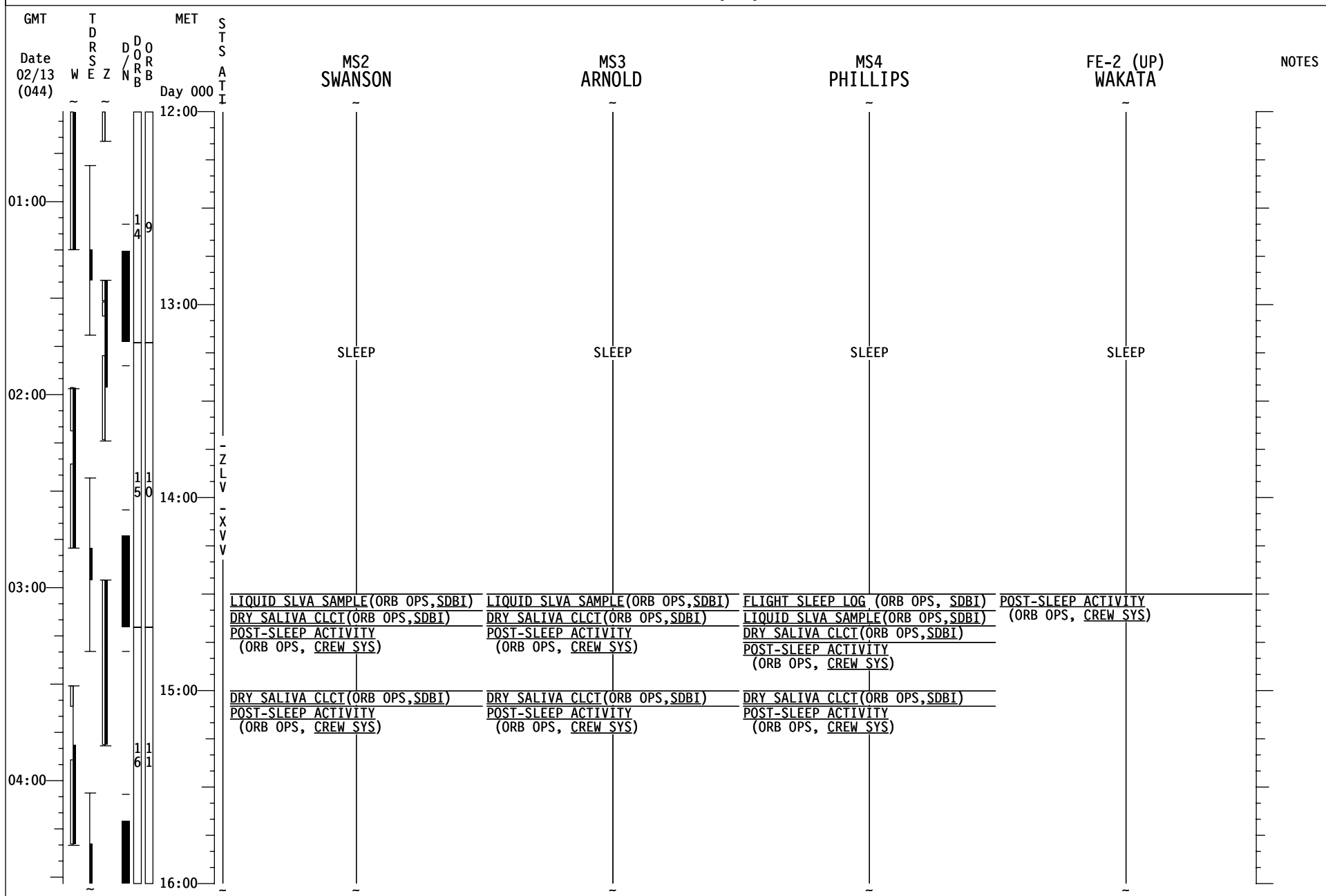
STS-119 FD (01)



STS-119 FD (02)



STS-119 FD (02)

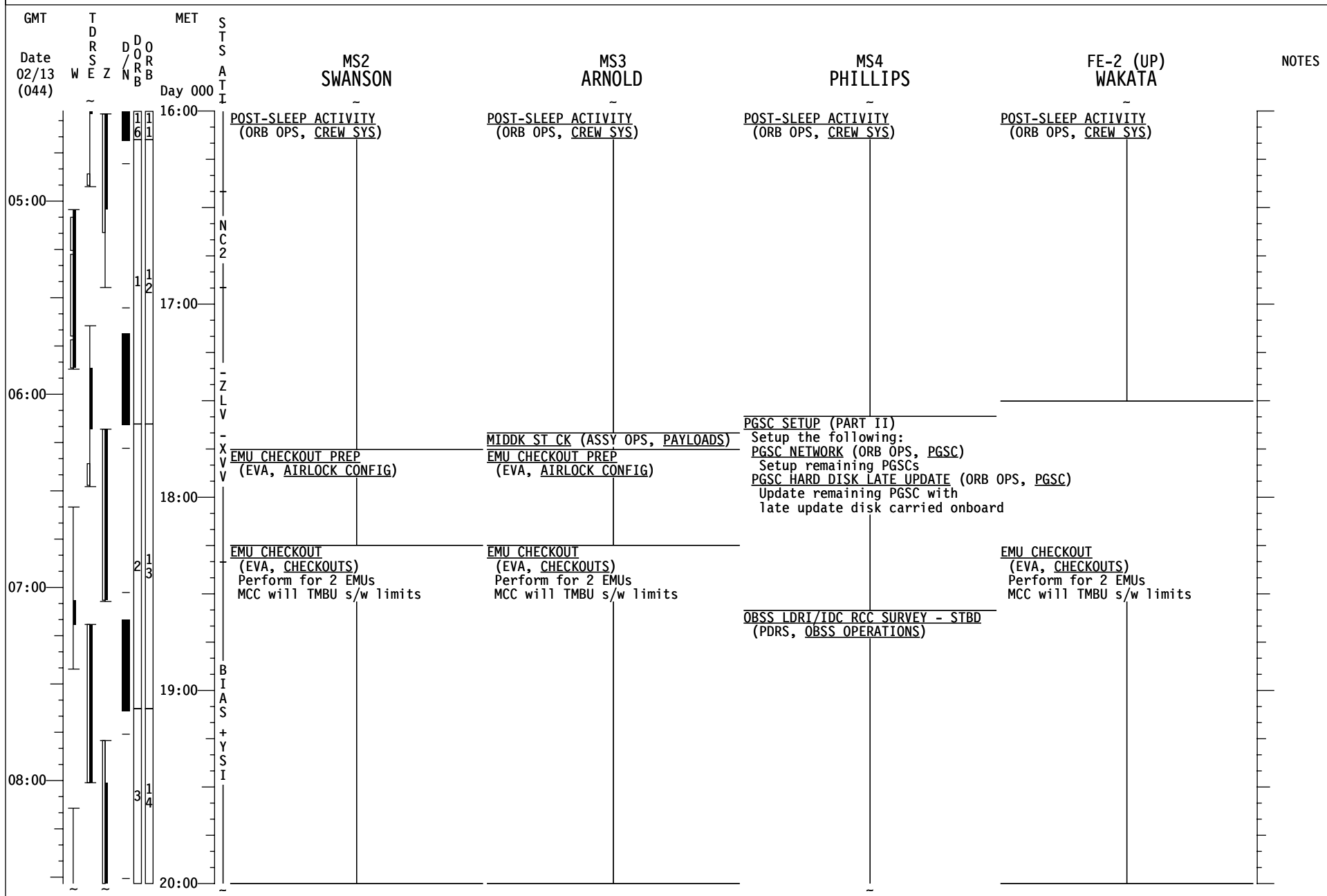


STS-119 FD (02)

| GMT | T D R S E Z W E Z | MET Day 000 | S T S A T I | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|------------------------|-----------------------------|----------------|------------------------|---|---|--|-------------------------------|
| Date 02/13 (044) | D O R B D O R B 1 6 1 | 16:00 | N C 2 | 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 ORBITAL MNVR PAD |
| | | | | ON-ORBIT OMS BURN (ORB OPS, OMS) | ON-ORBIT OMS BURN (ORB OPS, OMS) | | |
| | | | | < NC2 TIG (16:51) MNVR (TRK) -ZLV -XVV TG=2 BV=3 OM=0 A1/AUTO/VERN, Init TRK | POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) OBSS UNBERTH (PDRS, OBSS OPERATIONS) | OBSS UNBERTH (PDRS, OBSS OPERATIONS) | |
| | | | | POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) | | | |
| 05:00 | 1 2 | 17:00 | Z L V X V V | | | | |
| | | | | | | | |
| 06:00 | 2 3 | 18:00 | B I A S + Y S I | MNVR (TRK) BIAS +YSI (Stbd Survey) TG=4 BV=5 P=0 Y=40 OM=15 A14/AUTO/VERN, Init TRK | | | |
| | | | | IMU STAR OF OPPTY ALIGN (ORB OPS, GNC) | OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS OPERATIONS) | OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS OPERATIONS) | |
| 07:00 | 3 4 | 19:00 | R C S / O M S H T R | | | | |
| | | | | | | | |
| 08:00 | 1 4 | 20:00 | | RCS/OMS POD HTR RECONFIG [A] R2 √BLR CNTLR/HTR(three) -B FUEL CELL PURGE - MANUAL (ORB OPS, EPS) (Note: In Step 2, FC3 FLOW H2 is not valid) | | | |
| | | | | | | | |

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

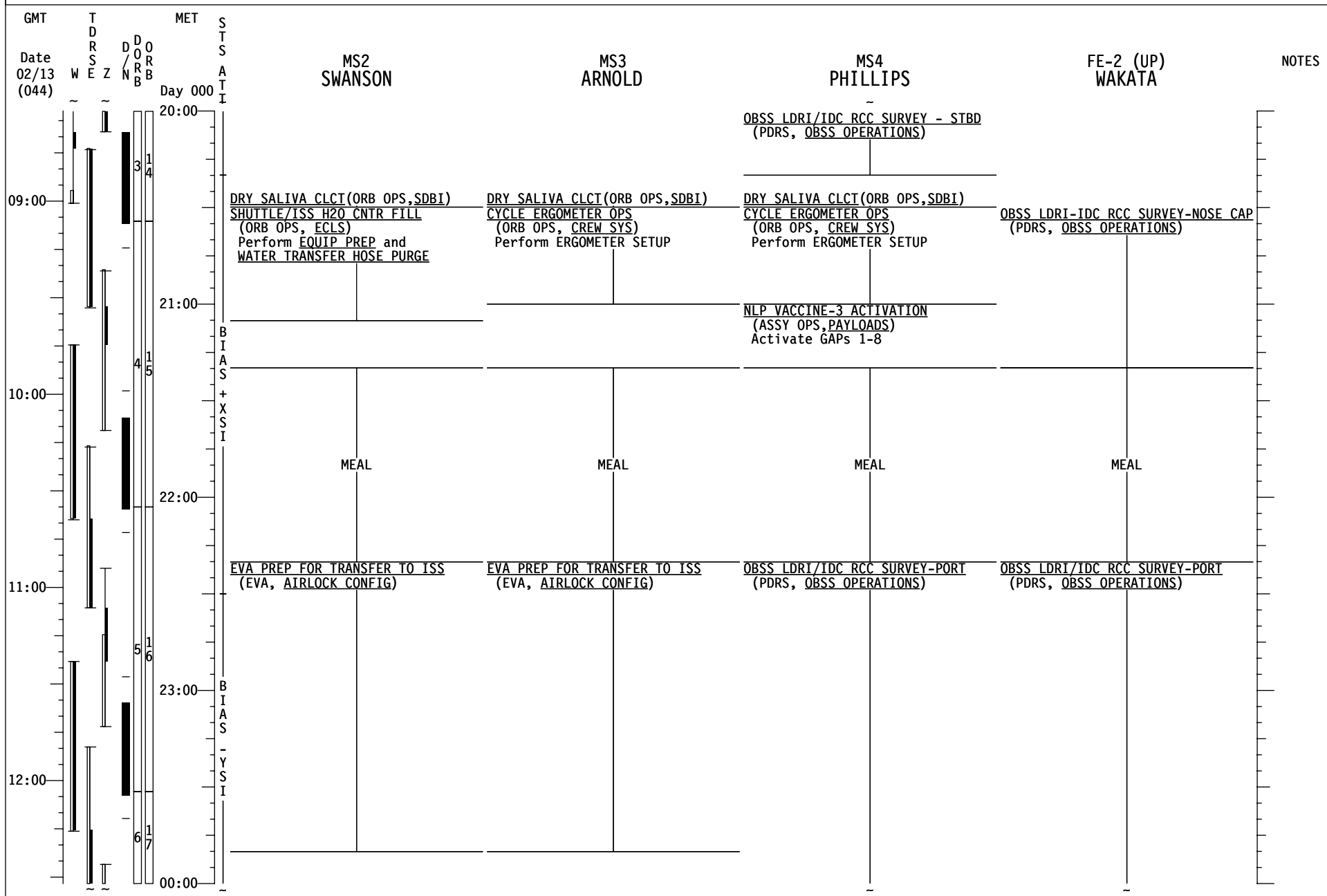
STS-119 FD (02)



STS-119 FD (02)

| GMT | TDRS W E Z | MET Day 000 | S T S A T I | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|------------------------|---------------|----------------|--------------------------------------|---|--|---|--|
| Date 02/13 (044) | | 20:00 | B I A S + X S I | <u>CRYO 02 TK HTR SNSR CK</u> (ORB OPS, EPS) | <u>OBSS LDRI/IDC RCC SURVEY - STBD</u> (PDRS, OBSS OPERATIONS) | <u>OBSS LDRI/IDC RCC SURVEY - STBD</u> (PDRS, OBSS OPERATIONS) | |
| | | | | <u>MNVR (TRK) BIAS +XSI (Nose Cap Survey)</u> TG=4 BV=5 P=330 Y=0 OM=60 A14/AUTO/VERN, Init TRK | <u>OBSS LDRI-IDC RCC SURVEY-NOSE CAP</u> (PDRS, OBSS OPERATIONS) | | |
| | | | | <u>OBSS LDRI-IDC RCC SURVEY-NOSE CAP</u> (PDRS, OBSS OPERATIONS) | | | |
| | | | | MEAL | MEAL | MEAL | |
| | | | | In step 3 of <u>OBSS LDRI/IDC RCC SURVEY-PORT</u> <u>MNVR (TRK) BIAS -YSI (Port Survey)</u> TG=4 BV=5 P=0 Y=323 OM=250 A14/AUTO/VERN, Init TRK | <u>OBSS LDRI/IDC RCC SURVEY-PORT</u> (PDRS, OBSS OPERATIONS) | <u>O2 REPRESS INIT</u> OCAC PWR - OFF C5 DIRECT 02 vlv - OP | <u>EVA PREP FOR TRANSFER TO ISS</u> (EVA, AIRLOCK CONFIG) |
| | | | | <u>OBSS LDRI/IDC RCC SURVEY-PORT</u> (PDRS, OBSS OPERATIONS) | <u>O2 REPRESS TERM on MCC GO</u> C5 DIRECT 02 vlv - CL OCAC PWR - ON | | |
| | | | | MEAL | | | |
| 12:00 | | 23:00 | B I A S - Y S I | | | | |
| 00:00 | | | | | | | |

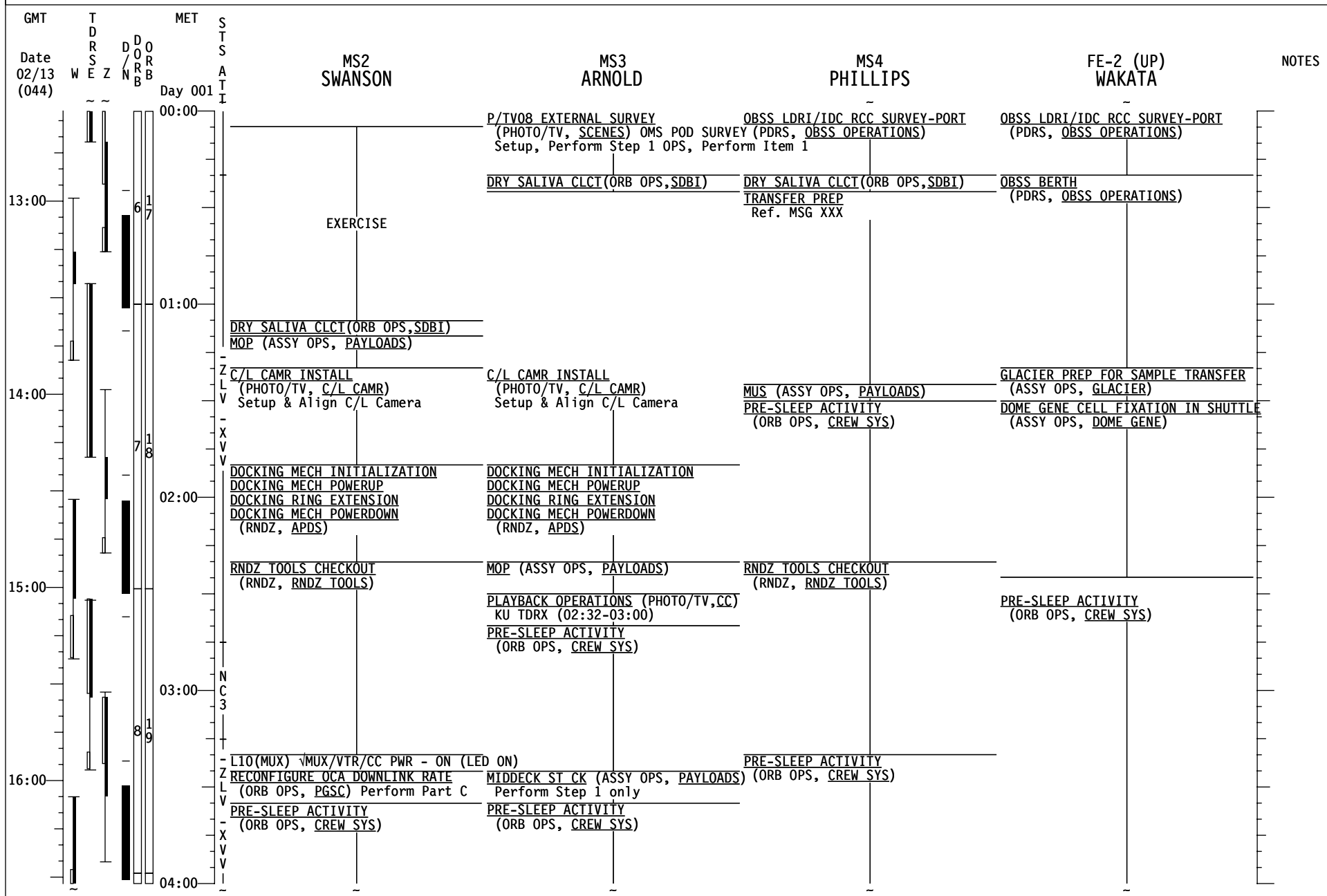
STS-119 FD (02)



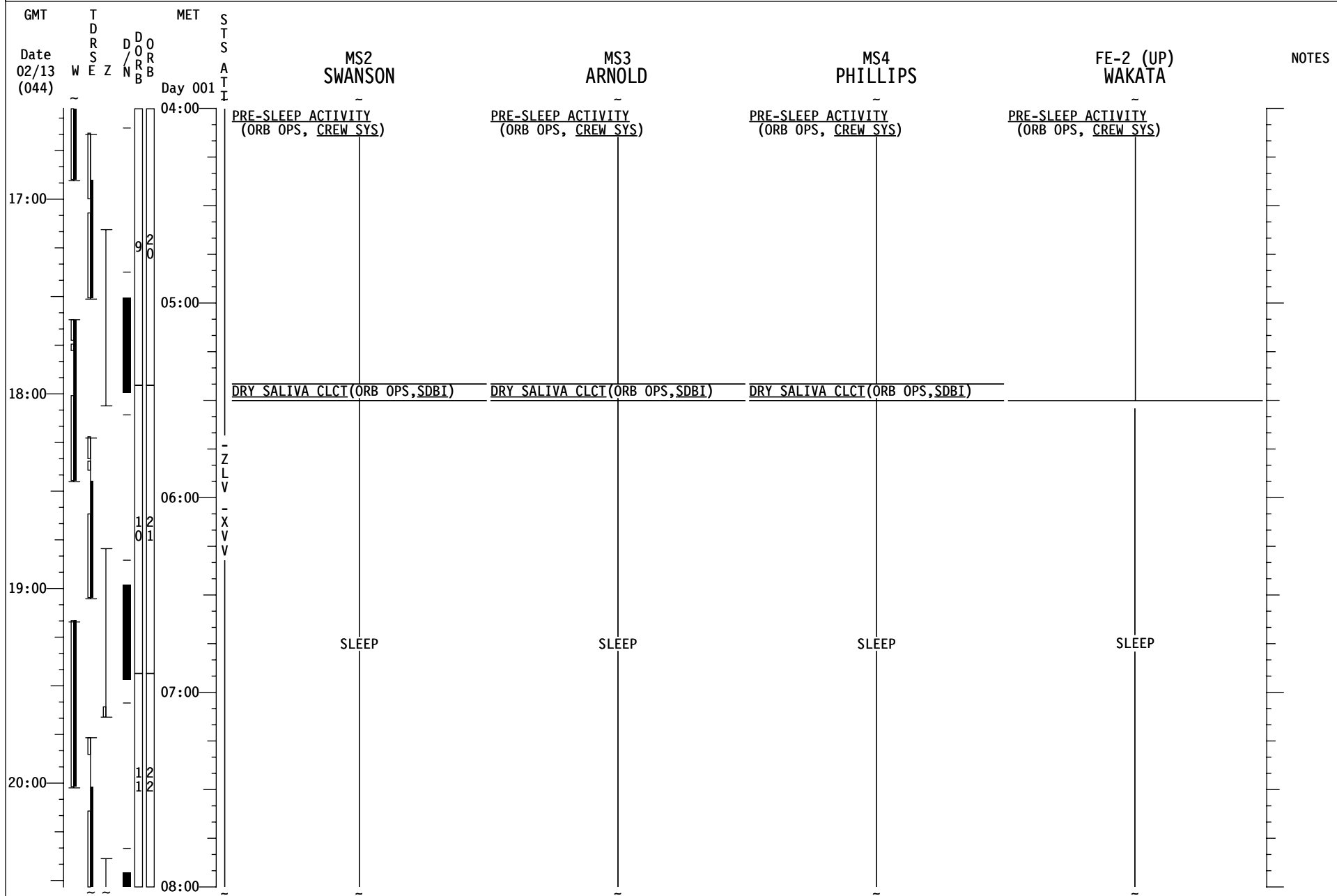
STS-119 FD (02)

| GMT | TDRSEZ DORNB | MET | S T S A T I | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|------------------|-----------------|---------|----------------------------|---|--|---|-------------------|
| Date 02/13 (044) | W E Z | Day 001 | | | | | |
| | | | | 00:00 OBSS LDRI/IDC RCC SURVEY-PORT (PDRS, OBSS OPERATIONS) | | | |
| 13:00 | | | | MNVR (TRK) -ZLV -XVV TG=2 BV=3 OM=0 A14/AUTO/VERN, Init TRK | OBSS BERTH (PDRS, OBSS OPERATIONS) | FILTER CLEANING (IFM, SCHEDULED MAINTENANCE) | |
| | | | | 01:00 PLAYBACK (DIGITAL) (PHOTO/TV, CUE CARD) LDRI SURVEYS KU TDRE (00:53-01:47) | | | |
| 14:00 | | | | | FC MONITORING SYS (FCMS) OPS (ORB OPS, EPS) | | |
| | | | | 02:00 PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) | MOP (ASSY OPS, PAYLOADS) | EXERCISE | |
| | | | | | PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) | P/TY09 MIDDECK PAYLOADS (PHOTO/TV, SCENES) Photos | |
| 15:00 | | | | ON-ORBIT +X RCS BURN (ORB OPS, RCS) | ON-ORBIT +X RCS BURN (ORB OPS, RCS) | WLES RNDZ TOOLS C/O PREP (ORB OPS FS, WLE SENSORS) MUS (ASSY OPS, PAYLOADS) MOP (ASSY OPS, PAYLOADS) | UPDATE TFL 192 |
| | | | | 03:00 < NC3 TIG (03:12) MNVR (TRK) -ZLV -XVV TG=2 BV=3 OM=0 A1/AUTO/VERN, Init TRK | PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) | | |
| 16:00 | | | | FUTURE LOADED MNVR (-ZLV +YVV) TG=2 BV=3 OM=270 A/AUTO/VERN (01/13:30), Init TRK | | | UPDATE TFL 188 |
| | | | | X06 UHF MODE - OFF PRIVATE MEDICAL CONFERENCE | | | |
| | | | | 04:00 PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) | | | |

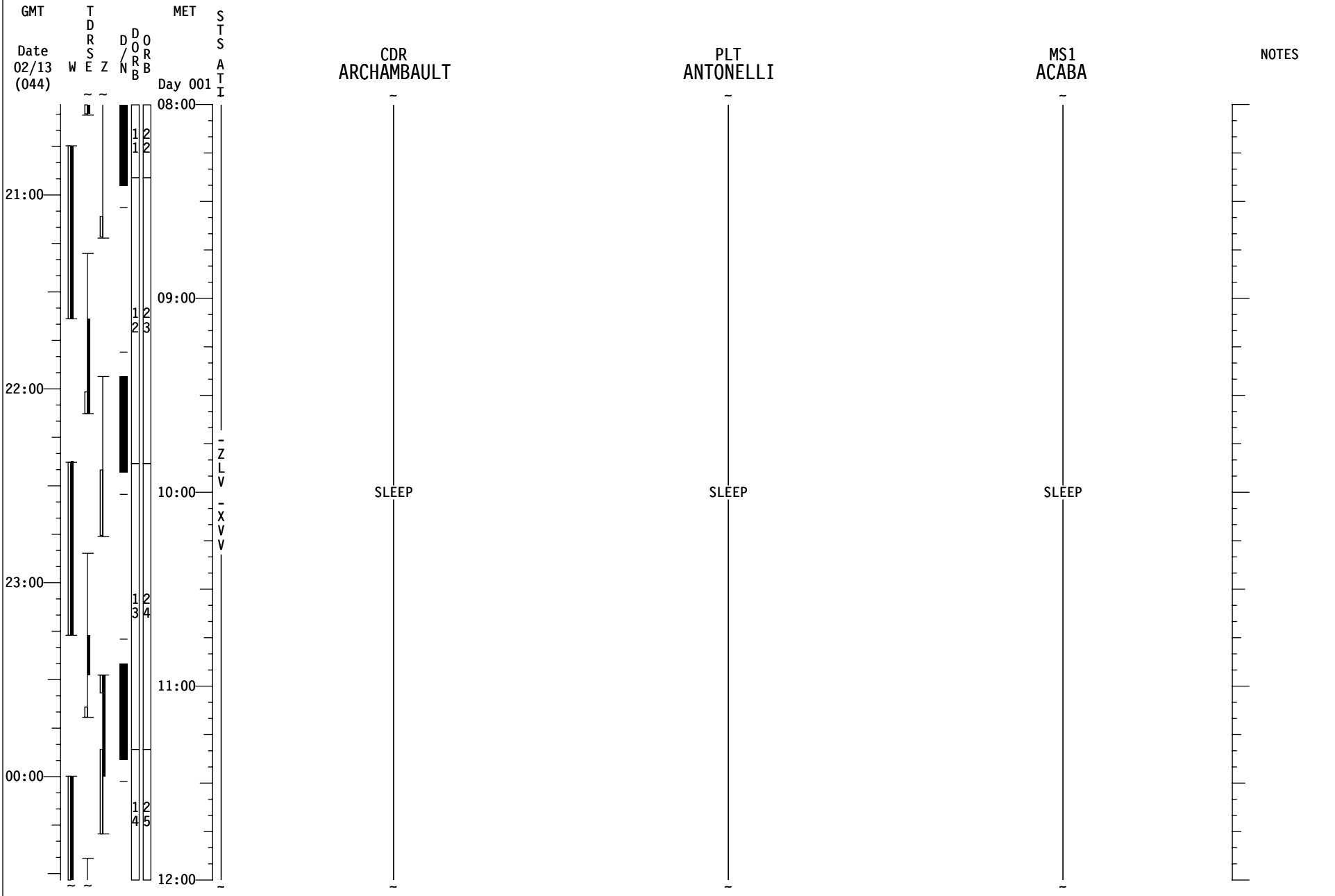
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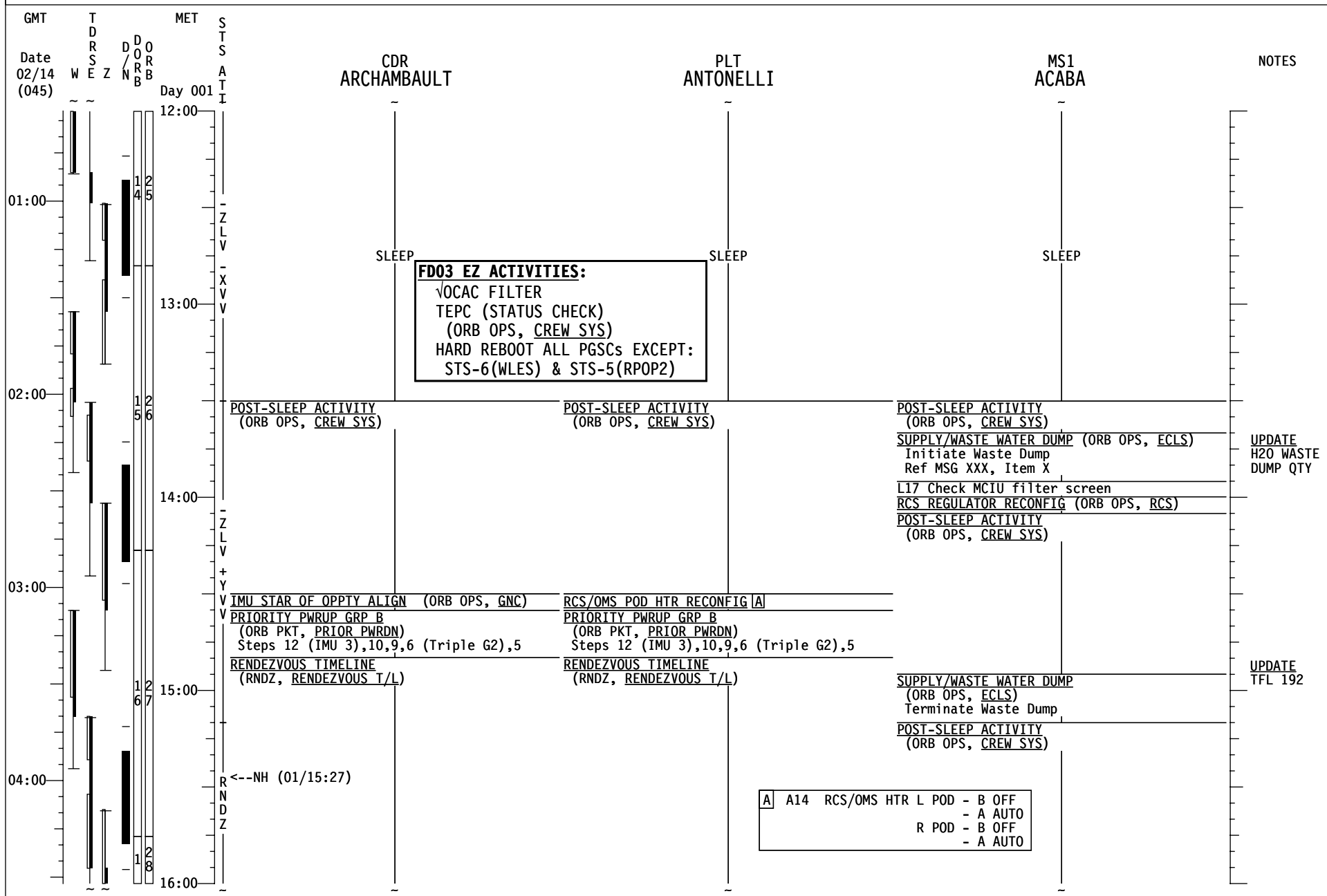
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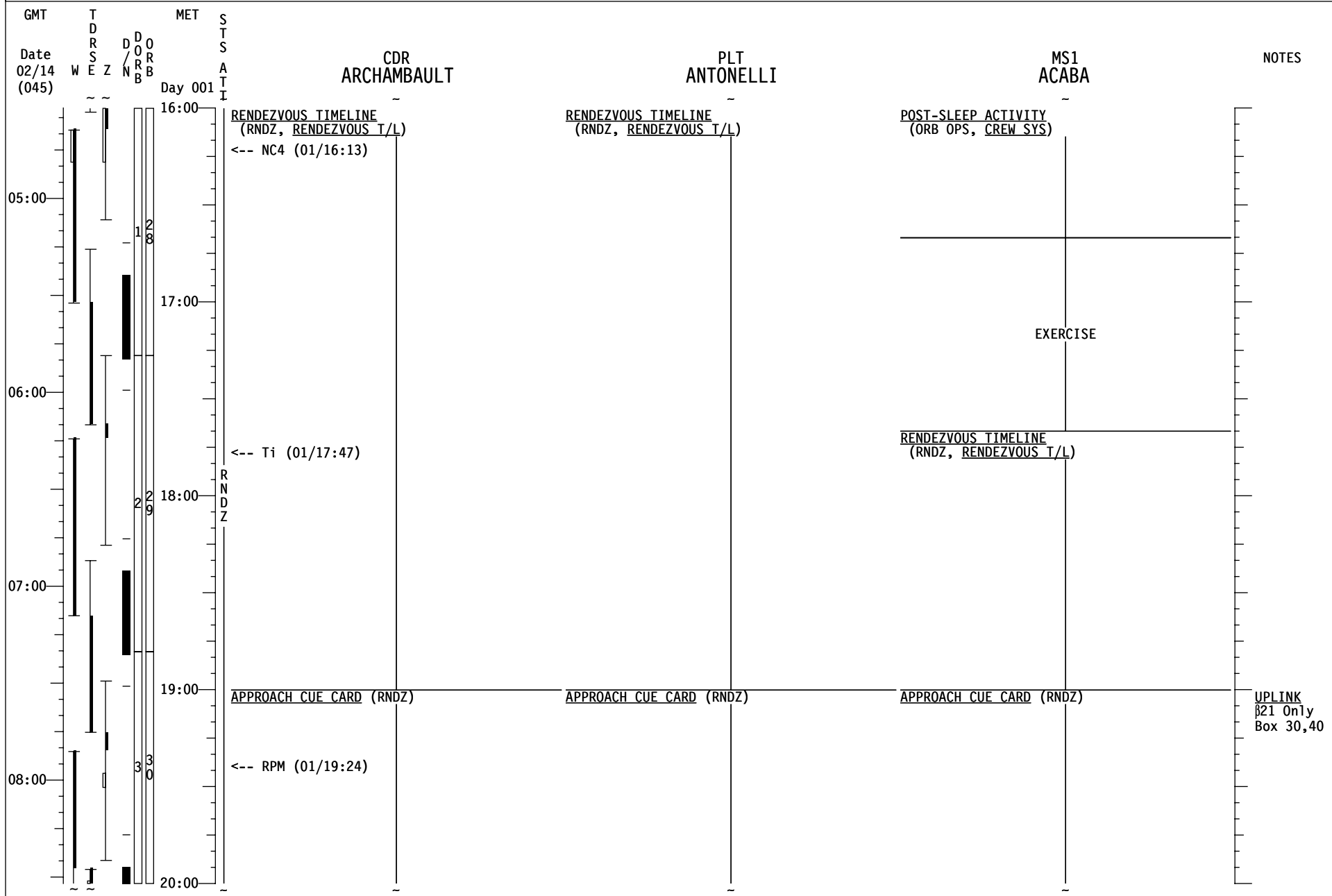
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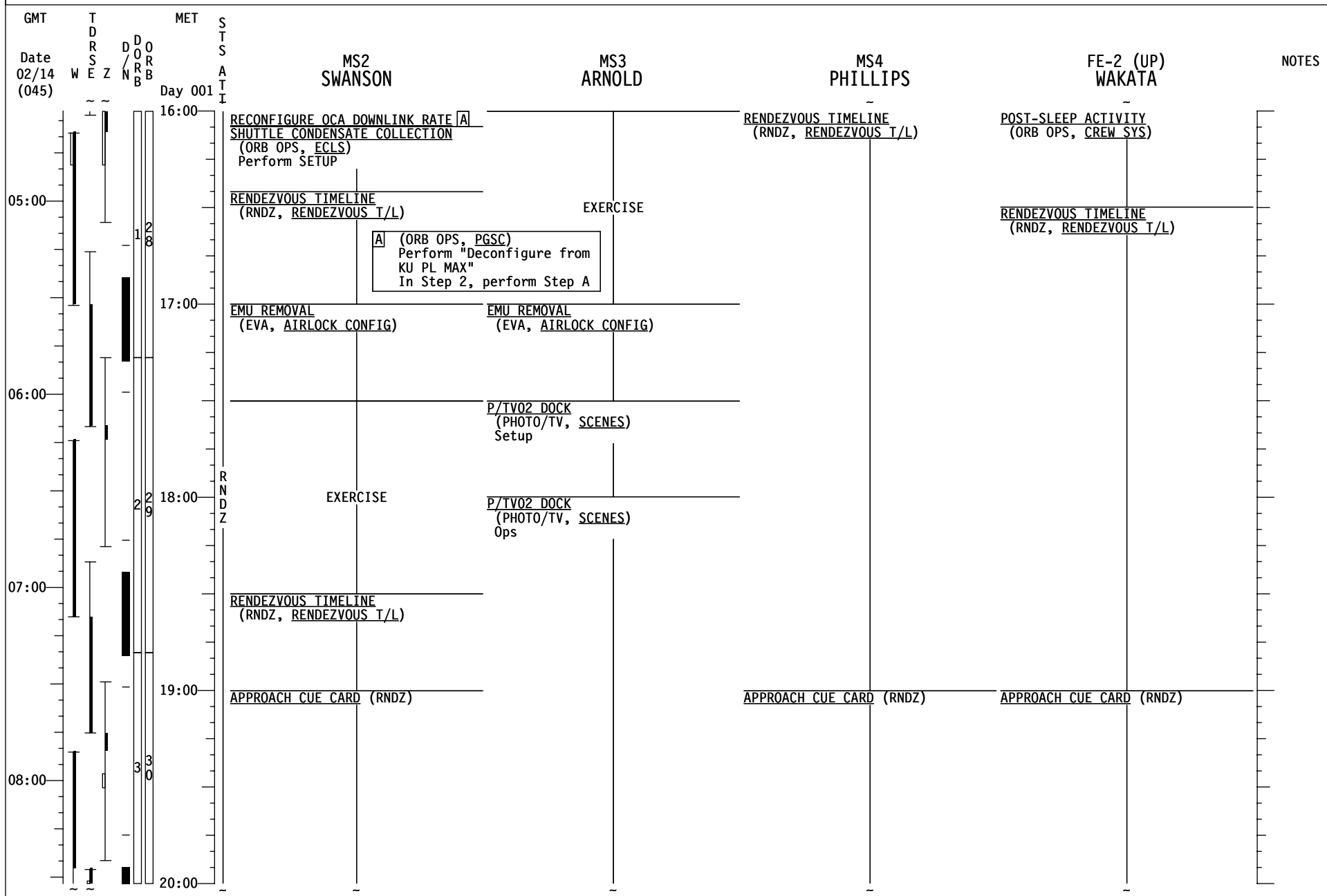
STS-119 FD (03)



STS-119 FD (03)



STS-119 FD (03)



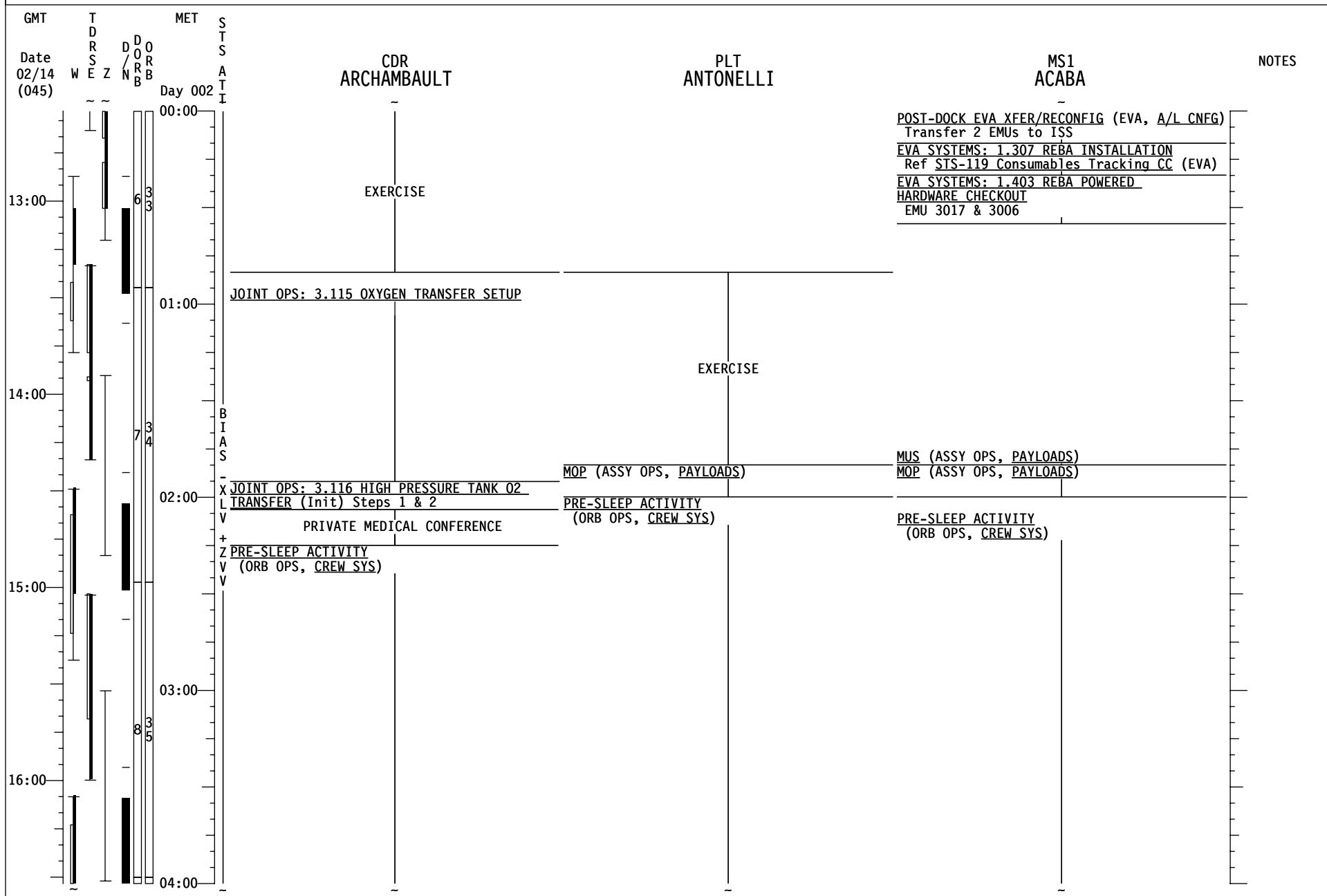
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| GMT | TDRS WSEZ | MET | S T S | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|------------------|--------------|---------|-----------------------|--|---|---|---------------------------------|
| Date 02/14 (045) | | Day 001 | | | | | |
| 20:00 | | | IR RNDZ | APPROACH CUE CARD (RNDZ) | APPROACH CUE CARD (RNDZ) | APPROACH CUE CARD (RNDZ) | |
| 09:00 | | | D O C K | RETURN TO FLIGHT PLAN | | | |
| | | | | DOCKING (1/20:25) | | | |
| | | | B I A S | POST DOCKING HATCH LEAK CHECK (RNDZ, APDS) | MNVR (TRK) BIAS -XLV +ZVV TG=2 BV=5 P=161 Y=356 OM=348 Init TRK, DAP:FREE > 2 sec, then DAP:A12/AUTO/VERN | | UPLINK β21 Only Box 40,60 |
| 21:00 | | | | AIRLOCK PREP FOR INGRESS - AIRLOCK FAN ACTIVE (RNDZ, APDS) | PRIOR PWRDN GRP B(ORB PKT,PRIOR PWRDN) Steps 6(When MNVR complete Sngl G2),&12(IMU3) 06 Star Tracker -Z - OFF | | UPDATE TFL 184 |
| 10:00 | | | | JOINT OPS: 2.104 HATCH OPENING AND SHUTTLE/ISS DUCT INSTALLATION MCC-H Complete with Step 1 Perform Steps 2-15 | When ISS GO for ATT CTRL, DAP: FREE SSPTS ODS CONNECTOR VERIF A15 ODS MATE X1,X2 (two) - ON MCC then - OFF 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) | SSV OUTFATE - 2 | |
| 22:00 | | | | WELCOME | WELCOME | WELCOME | |
| 11:00 | | | - X L V + | SAFETY BRIEFING | SAFETY BRIEFING | SAFETY BRIEFING | |
| | | | Z V V | | P/TV05 ISS INTERNAL OPS (PHOTO/TV, SCENES) Setup, Ops | | |
| 23:00 | | | | | | EMU RESIZE (EVA, AIRLOCK CONFIG) | |
| 12:00 | | | | M069M LEH 02 8 vlv - CL | | | |
| 00:00 | | | | EXERCISE | | POST-DOCK EVA XFER/RECONFIG (EVA, A/L CNFG) Transfer 2 EMUs to ISS | |

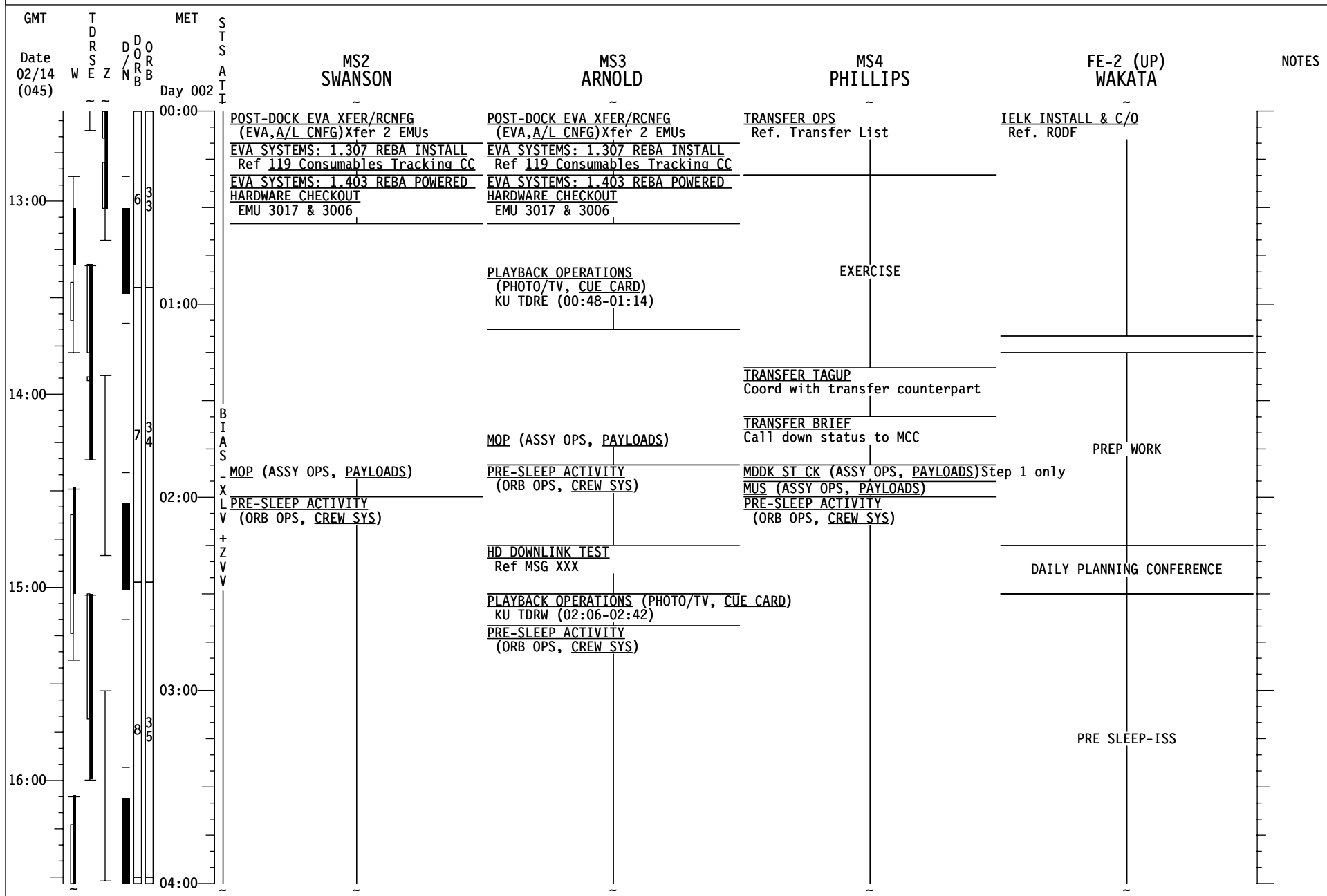
STS-119 FD (03)

| GMT Date 02/14 (045) | TDRS W E Z | MET Day 001 | STS A T I | MS2 SWANSON | MS3 ARNOLD | MS4 PHILLIPS | FE-2 (UP) WAKATA | NOTES |
|-------------------------------|---------------|----------------|----------------|---|---|--|---|-------|
| | | | D O R B 3 0 | 20:00 APPROACH CUE CARD (RNDZ) | P/TV02 DOCK (PHOTO/TV, SCENES) Ops | APPROACH CUE CARD (RNDZ) | APPROACH CUE CARD (RNDZ) | |
| 09:00 | | | D O C K | RETURN TO FLIGHT PLAN | | | | |
| | | | D O C K | DOCKING (1/20:25) | | | | |
| | | | D O C K | JOINT OPS: 6.107 PCS SETUP-SHUTTLE | | POST DOCKING HATCH LEAK CHECK (RNDZ, APDS) | | |
| | | | D O C K | PRI PWRDN_GRP B(OPCL,PRIOR PWRDN) Steps 6(When MNVR complete Sng1 G2), & 12 (IMU3 - STBY) 06 Star Tracker -Z - OFF | P/TV04 INGRESS/EGRESS (PHOTO/TV, SCENES) Setup | AIRLOCK PREP FOR INGRESS - AIRLOCK FAN ACTIVE (RNDZ, APDS) | | |
| 10:00 | | | D O C K | POST RNDZ PGSC CONFIG Configure PGSCs per EVA/RMS usage chart | P/TV04 INGRESS/EGRESS (PHOTO/TV, SCENES) Setup | JOINT OPS: 2.104 HATCH OPENING AND SHUTTLE/ISS DUCT INSTALLATION √MCC-H Complete with Step 1 Perform Steps 2-15 | | |
| | | | D O C K | 22:00 B I WLES DOCK/UNDOCK RECOVERY A (ORB OPS, WLE SENSORS) S WELCOME | P/TV04 INGRESS/EGRESS (PHOTO/TV, SCENES) Ops | | WELCOME | |
| | | | D O C K | | WELCOME | | WELCOME | |
| 11:00 | | | D O C K | SAFETY BRIEFING | SAFETY BRIEFING | SAFETY BRIEFING | SAFETY BRIEFING | |
| | | | D O C K | | | TRANSFER OPS Ref. Transfer List | IELK REMOVAL & TRANSFER Ref. Transfer List: Item XXX | |
| | | | D O C K | EMU RESIZE (EVA, AIRLOCK CONFIG) | POST-DOCK EVA XFER/RCNFG (EVA,A/L CNFG)Xfer 2 EMUs | | IELK INSTALL & C/O Ref. RODF | |
| 12:00 | | | D O C K | | | | | |
| | | | D O C K | 00:00 POST-DOCK EVA XFER/RECONFIG (EVA, A/L CONFIG) Transfer 2 EMUs-to ISS | | | | |

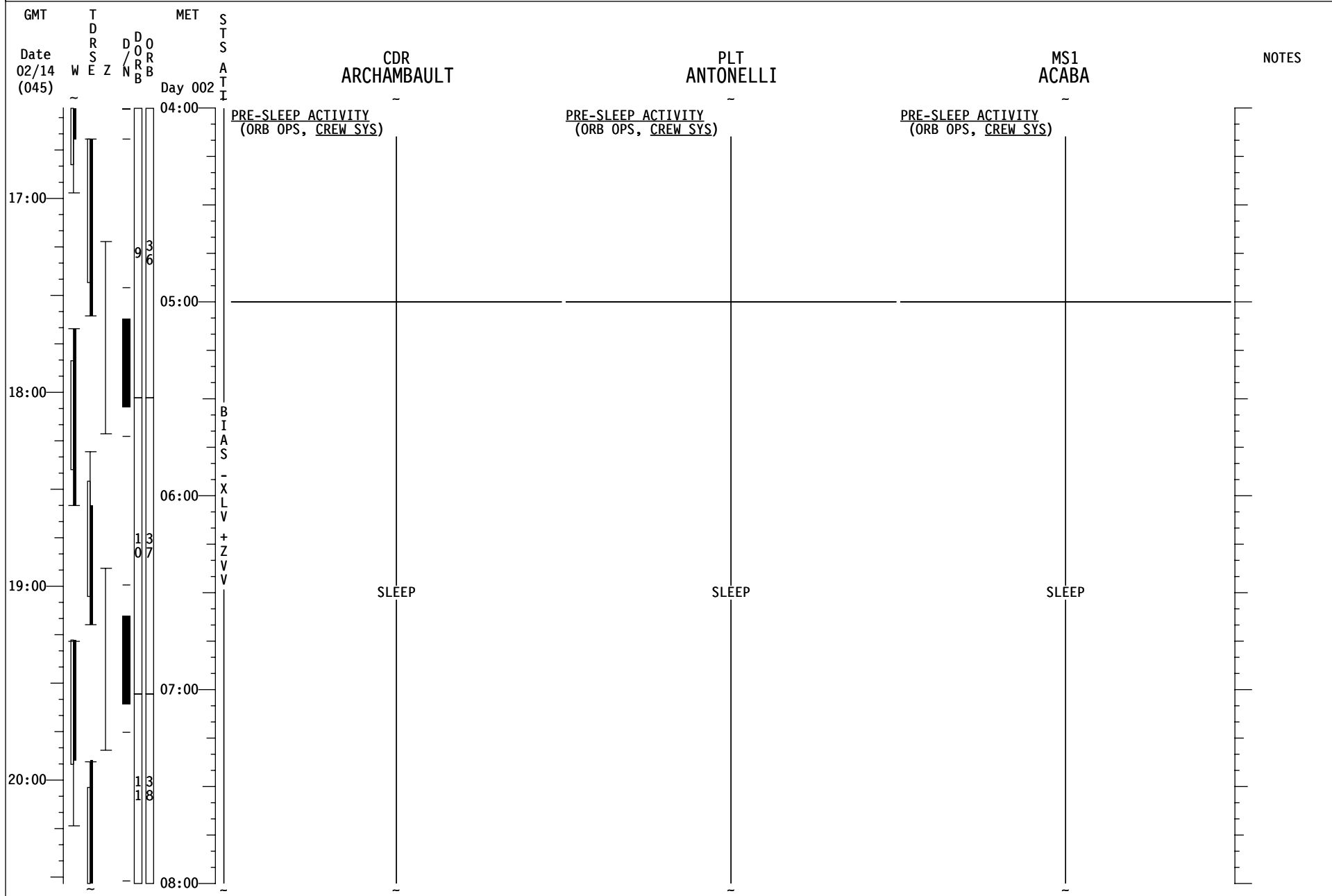
STS-119 FD (03)



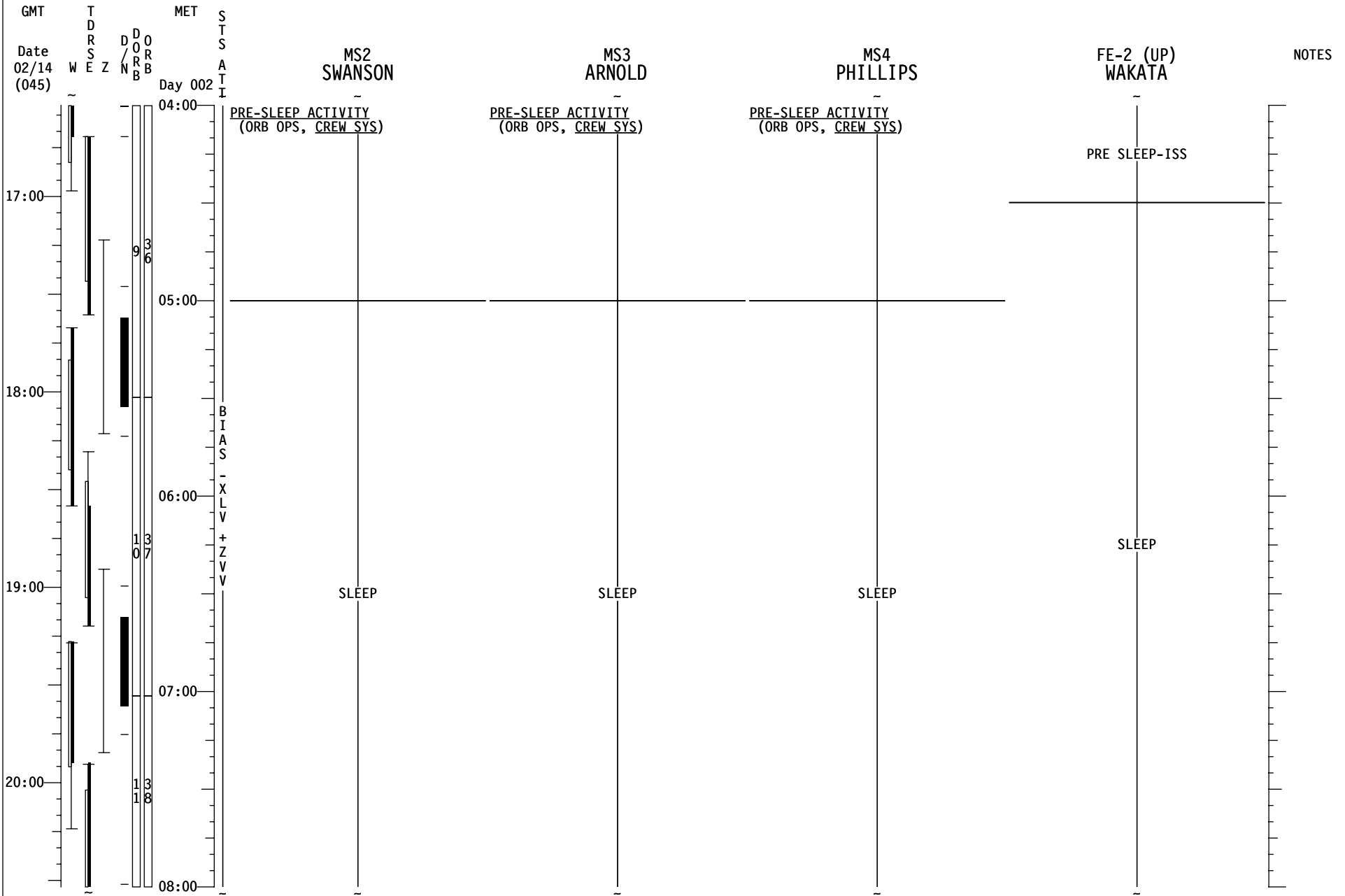
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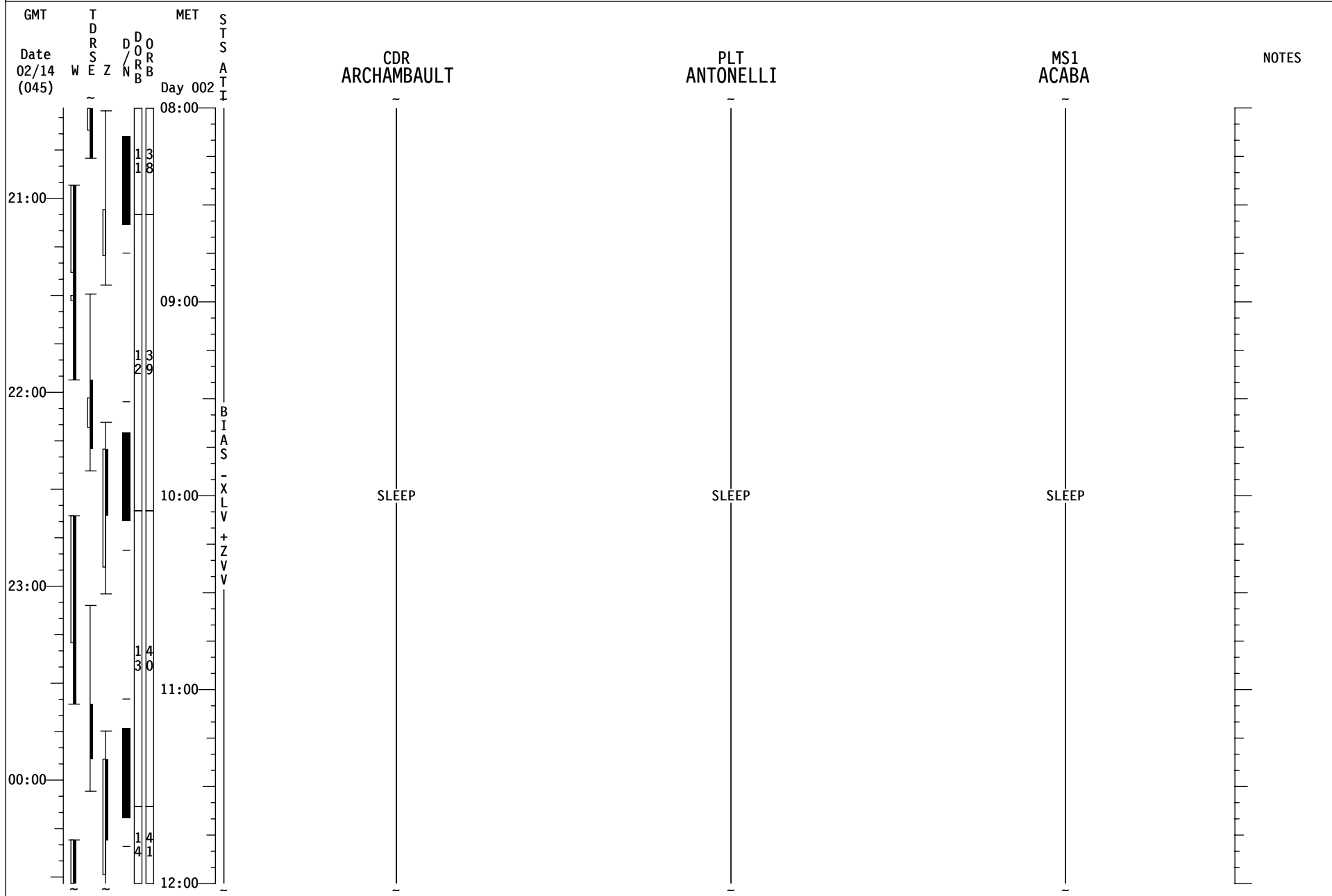
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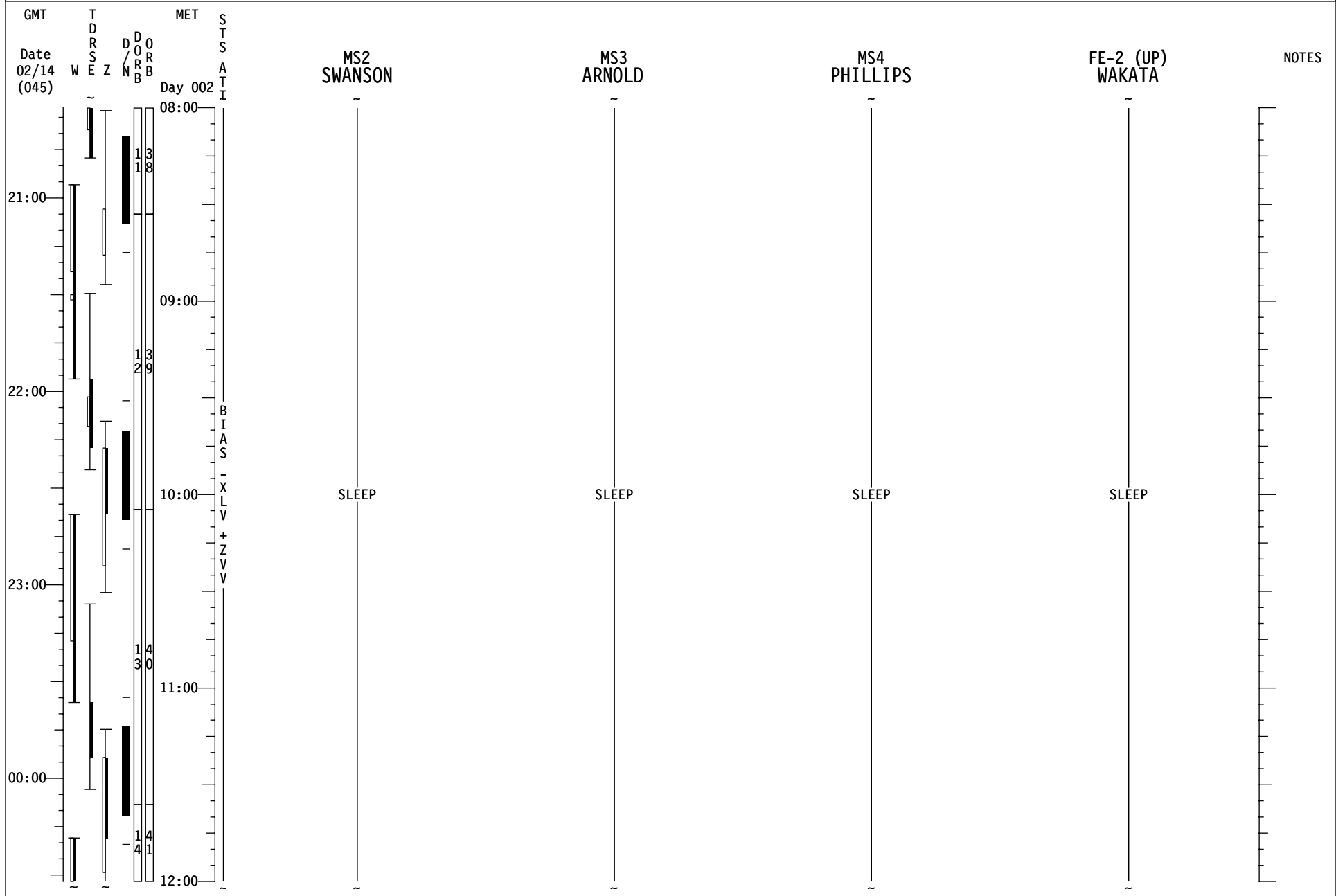
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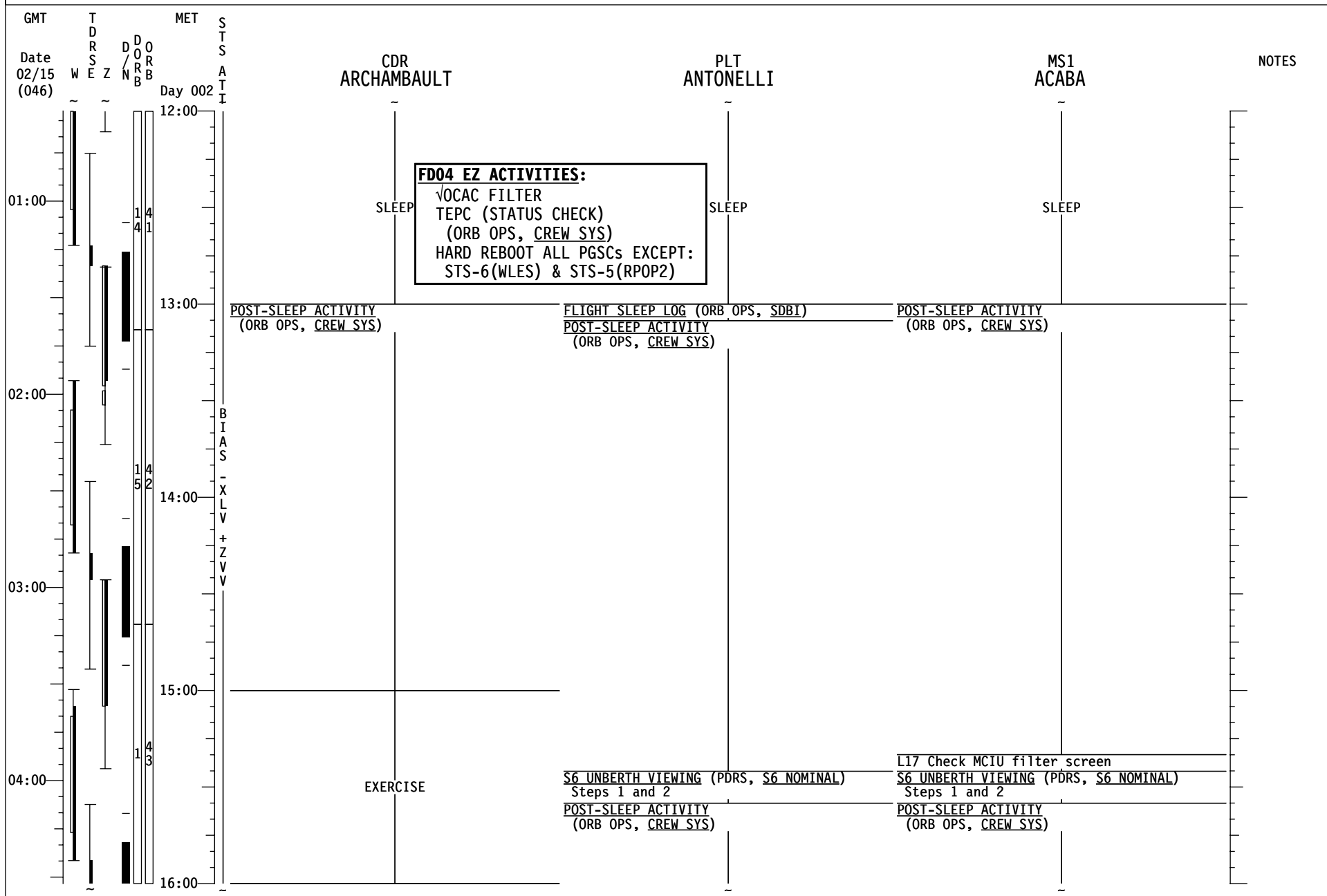
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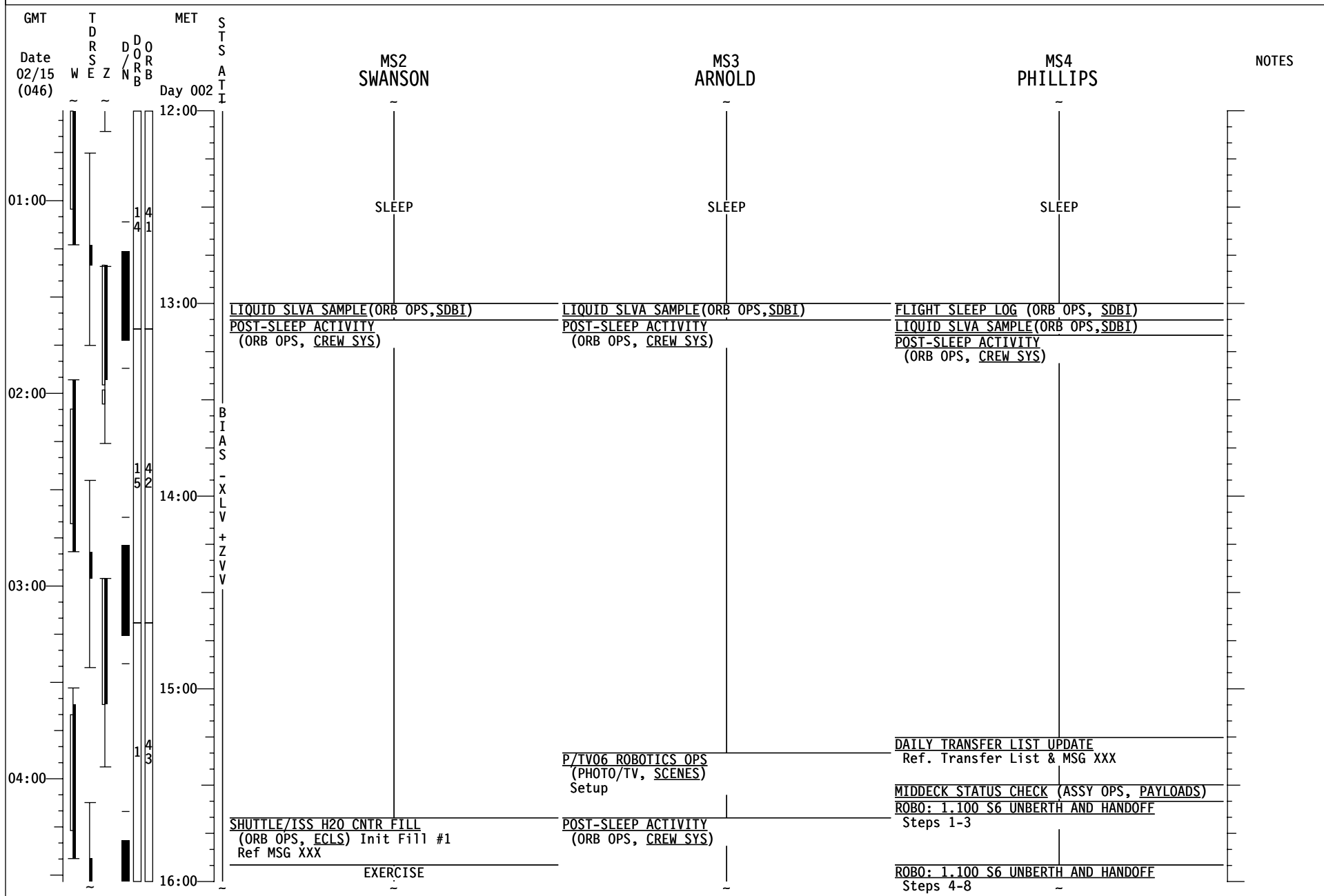
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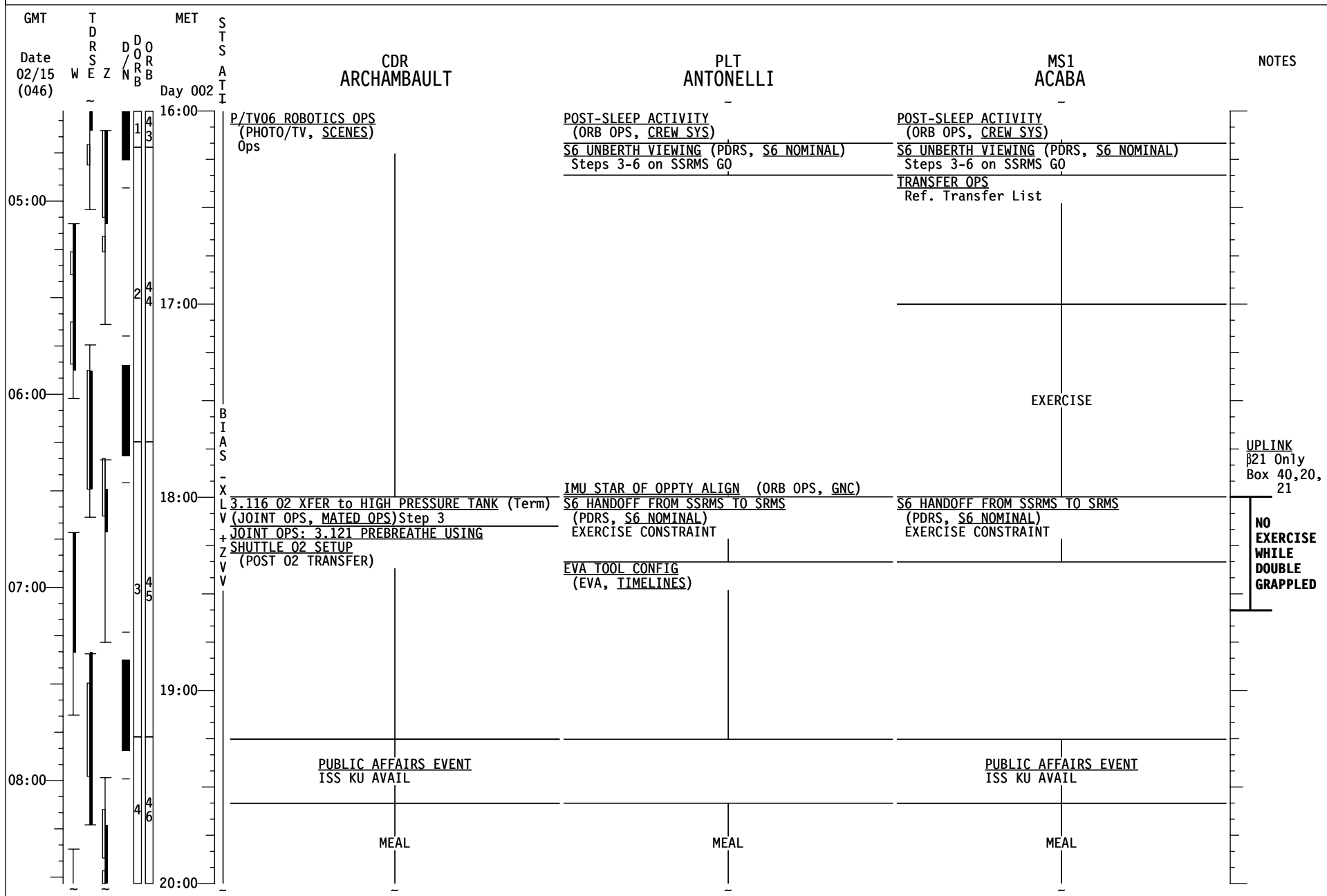
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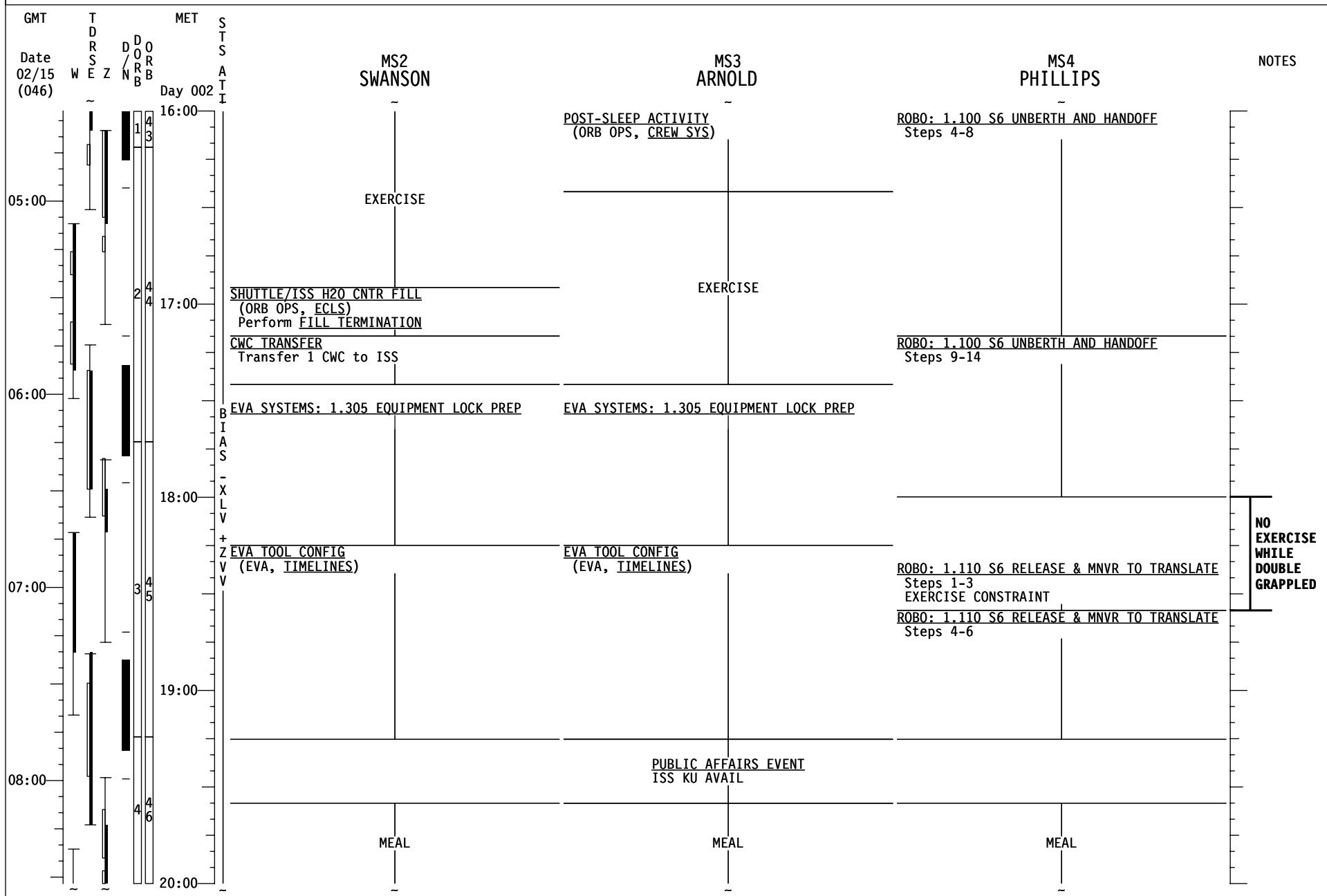
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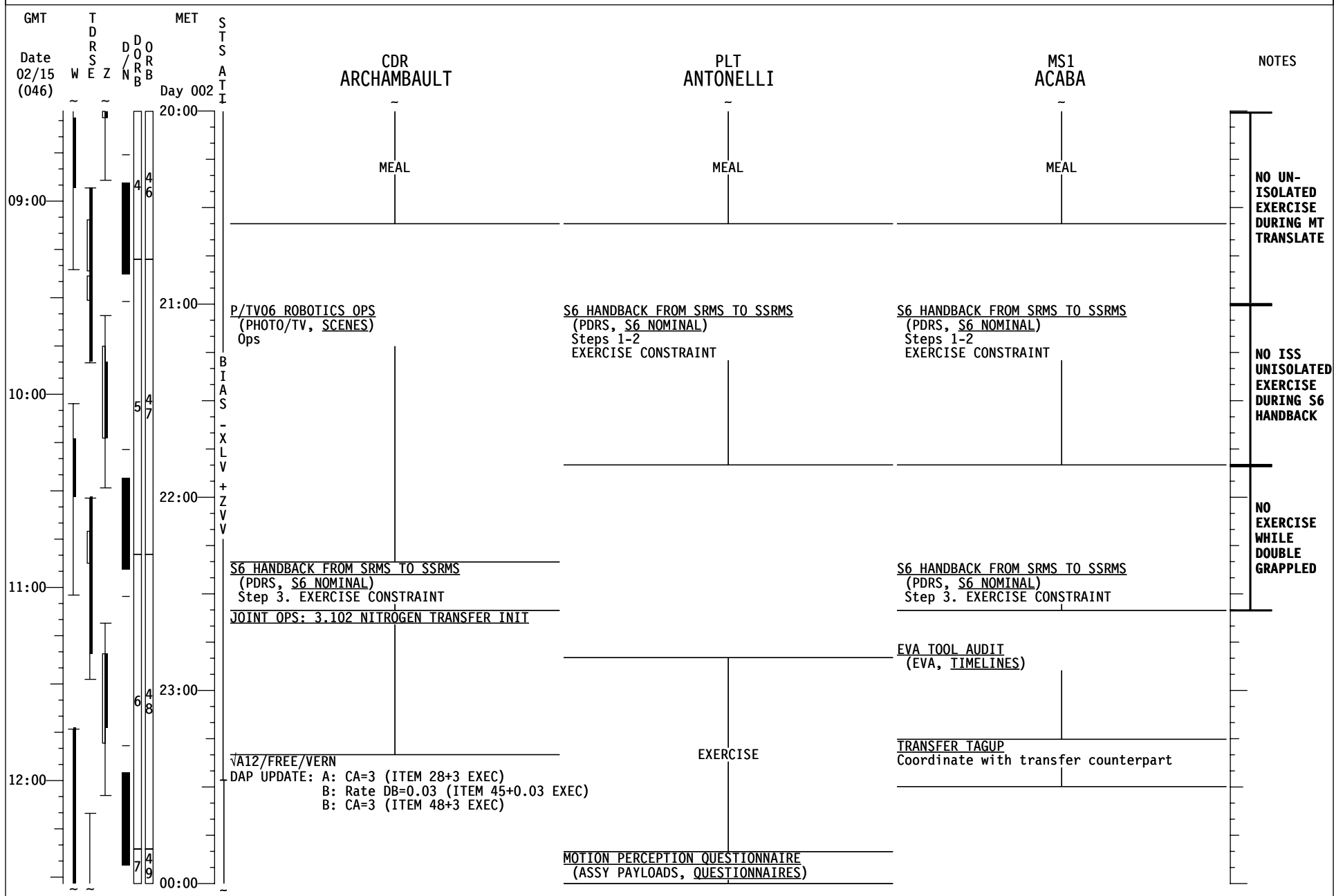
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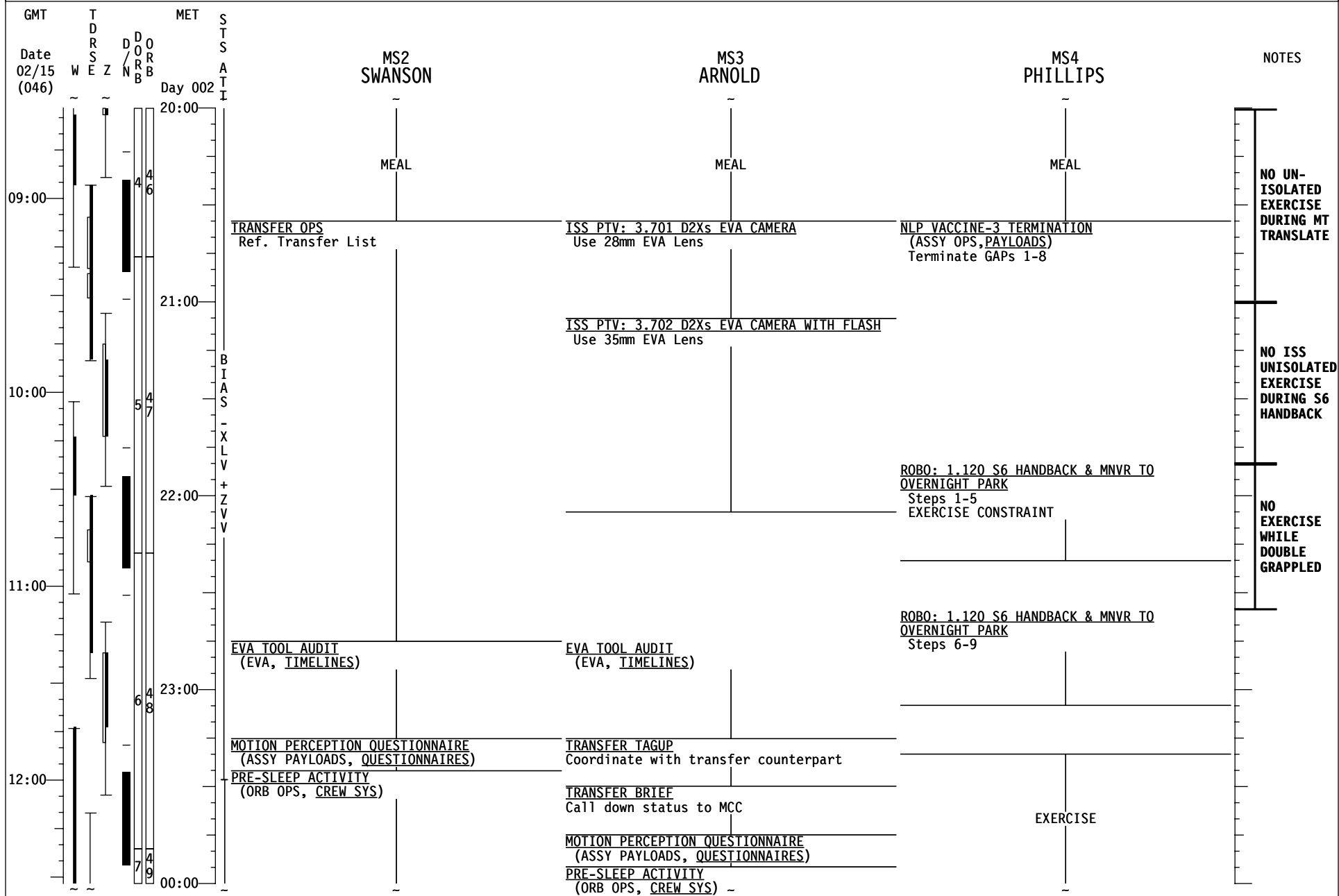
STS-119 FD (04)



STS-119 FD (04)



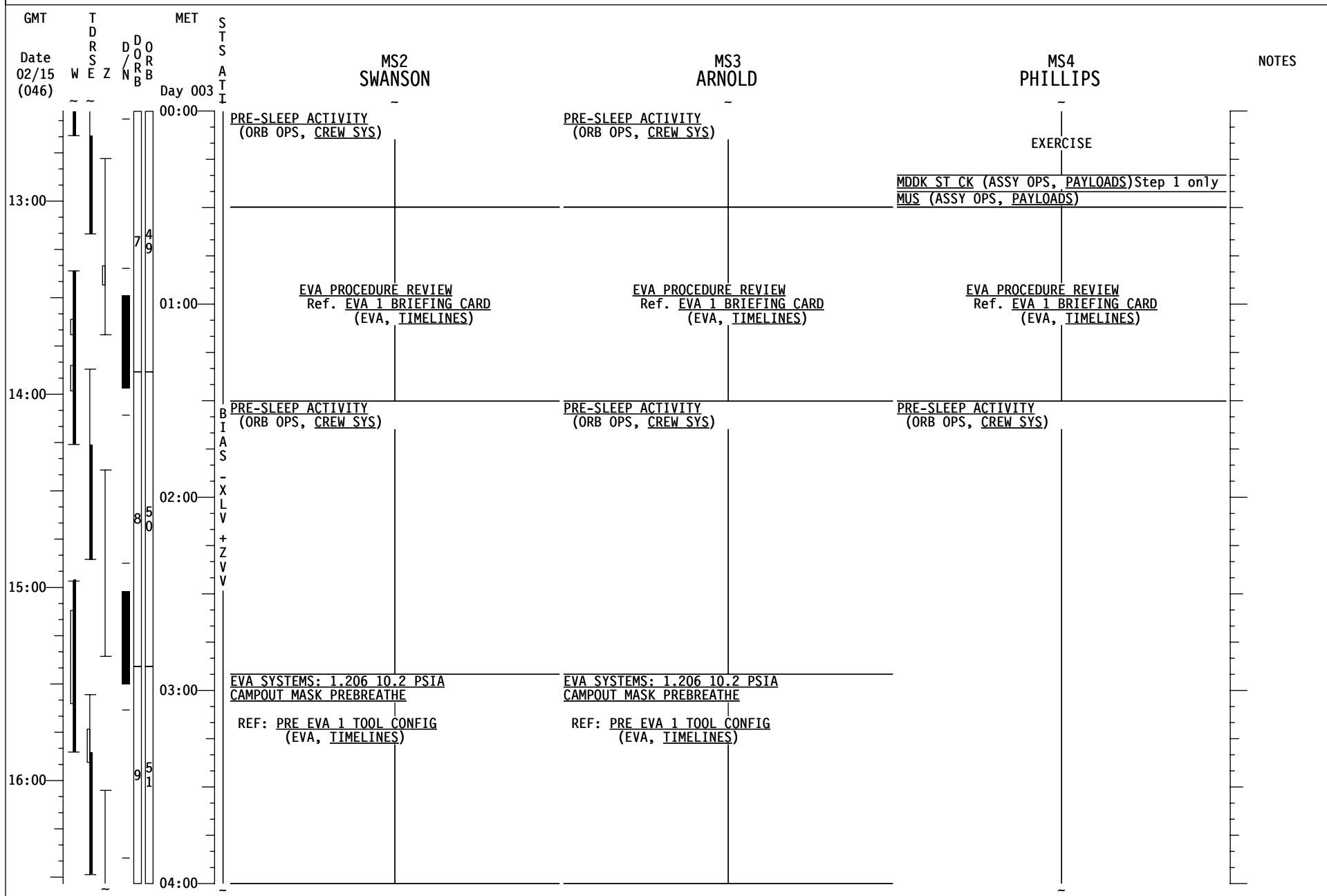
STS-119 FD (04)



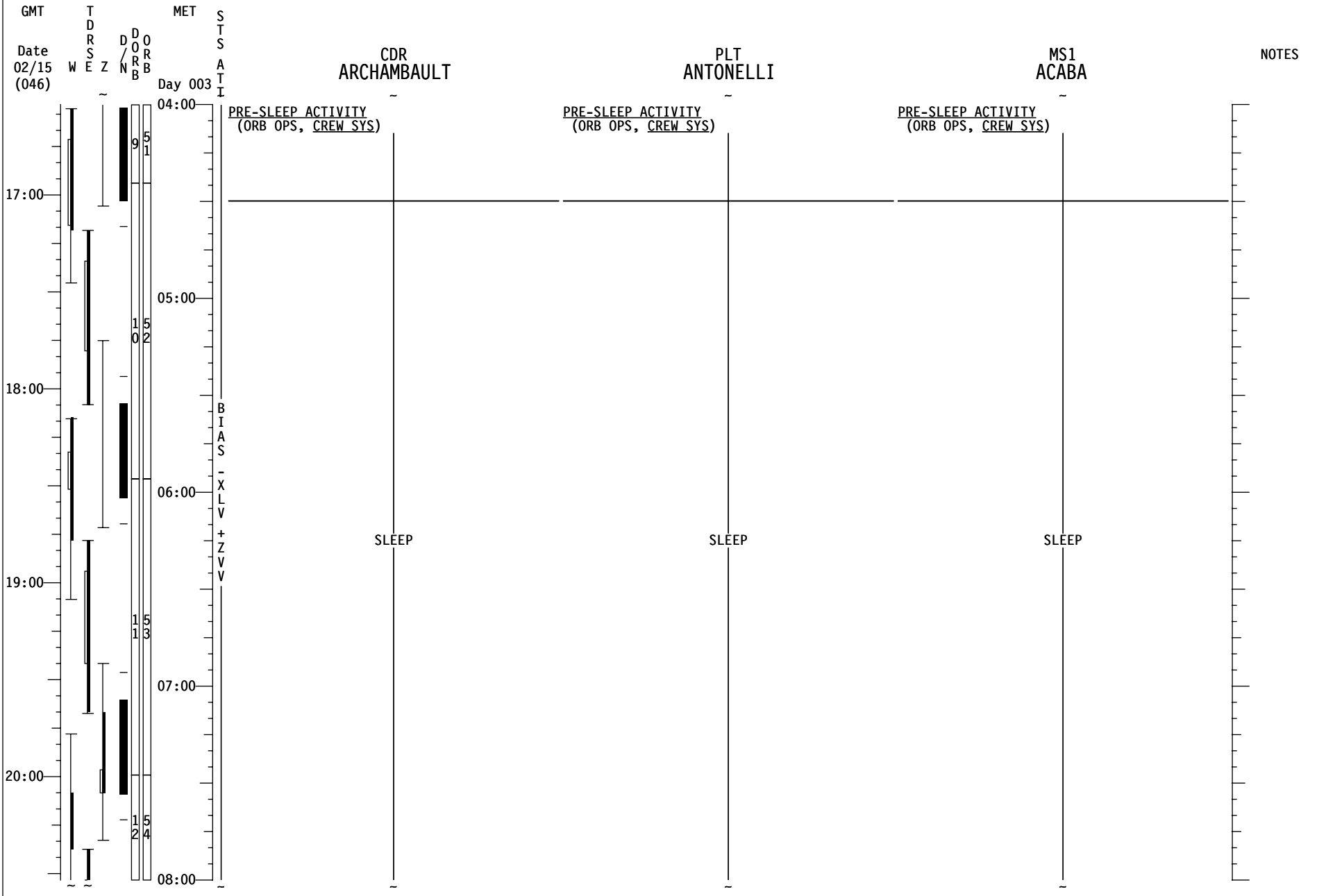
STS-119 FD (04)

| GMT | TDRS WSEZ | MET Day 003 | S T S A T I | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|---|---------------------------|---|--|---|--|--|-------|
| Date 02/15 (046) 13:00 14:00 15:00 16:00 04:00 | DORB 749 850 951 | 00:00 01:00 02:00 03:00 04:00 | B I A S - X L V + Z V V | PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) | PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) | MUS (ASSY OPS, PAYLOADS) MOTION PERCEPTION QUESTIONNAIRE (ASSY PAYLOADS, QUESTIONNAIRES) | |
| | | | | 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) | |
| | | | | PRIVATE MEDICAL CONFERENCE | | | |
| | | | | 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) | | PLAYBACK OPERATIONS (PHOTO/TV, CUE CARD) KU TDRW (02:36-03:04) | |
| | | | | EVA SYSTEMS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE REF: PRE EVA 1 TOOL CONFIG (EVA, TIMELINES) | PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) | | |
| | | | | PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) | | | |

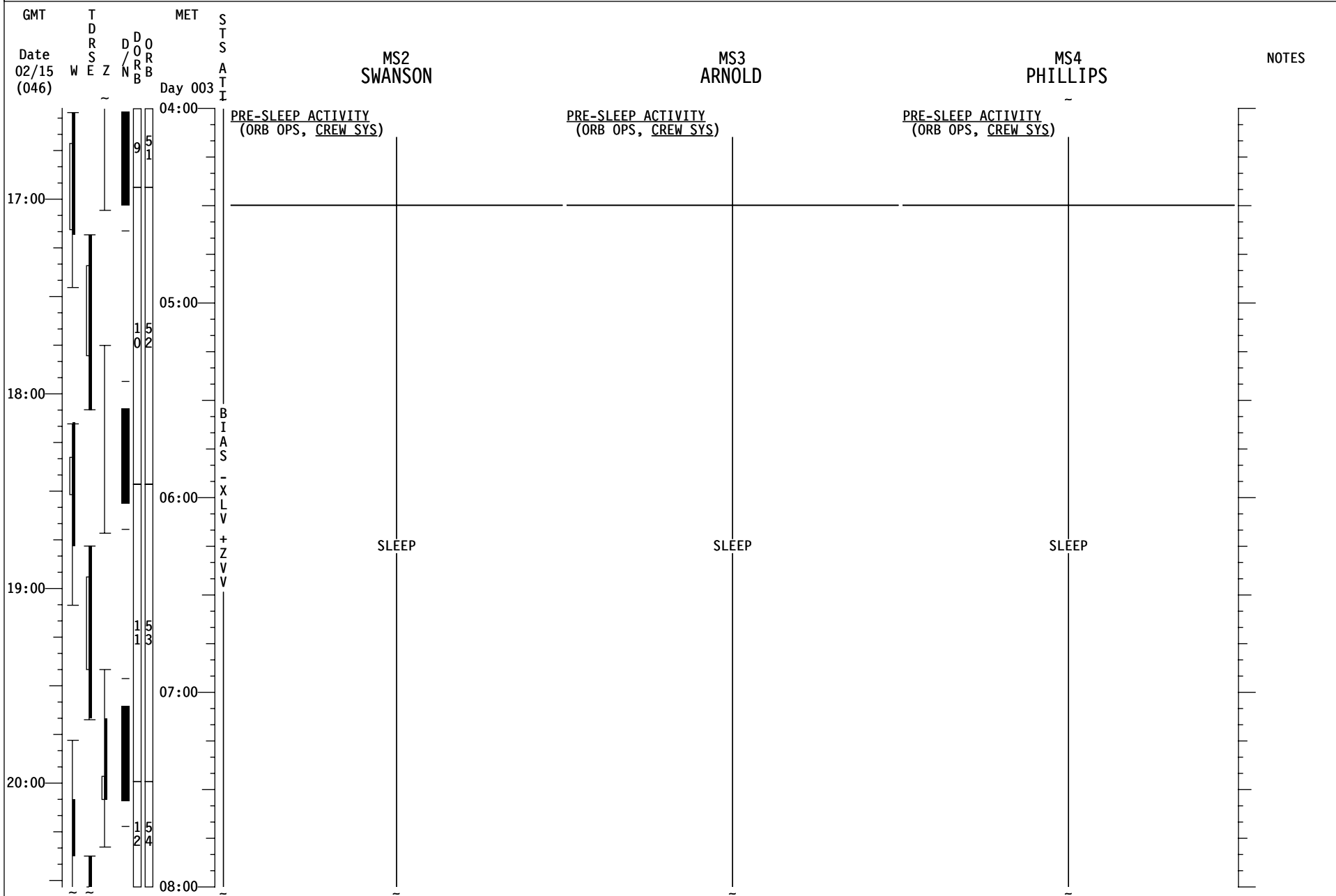
STS-119 FD (04)



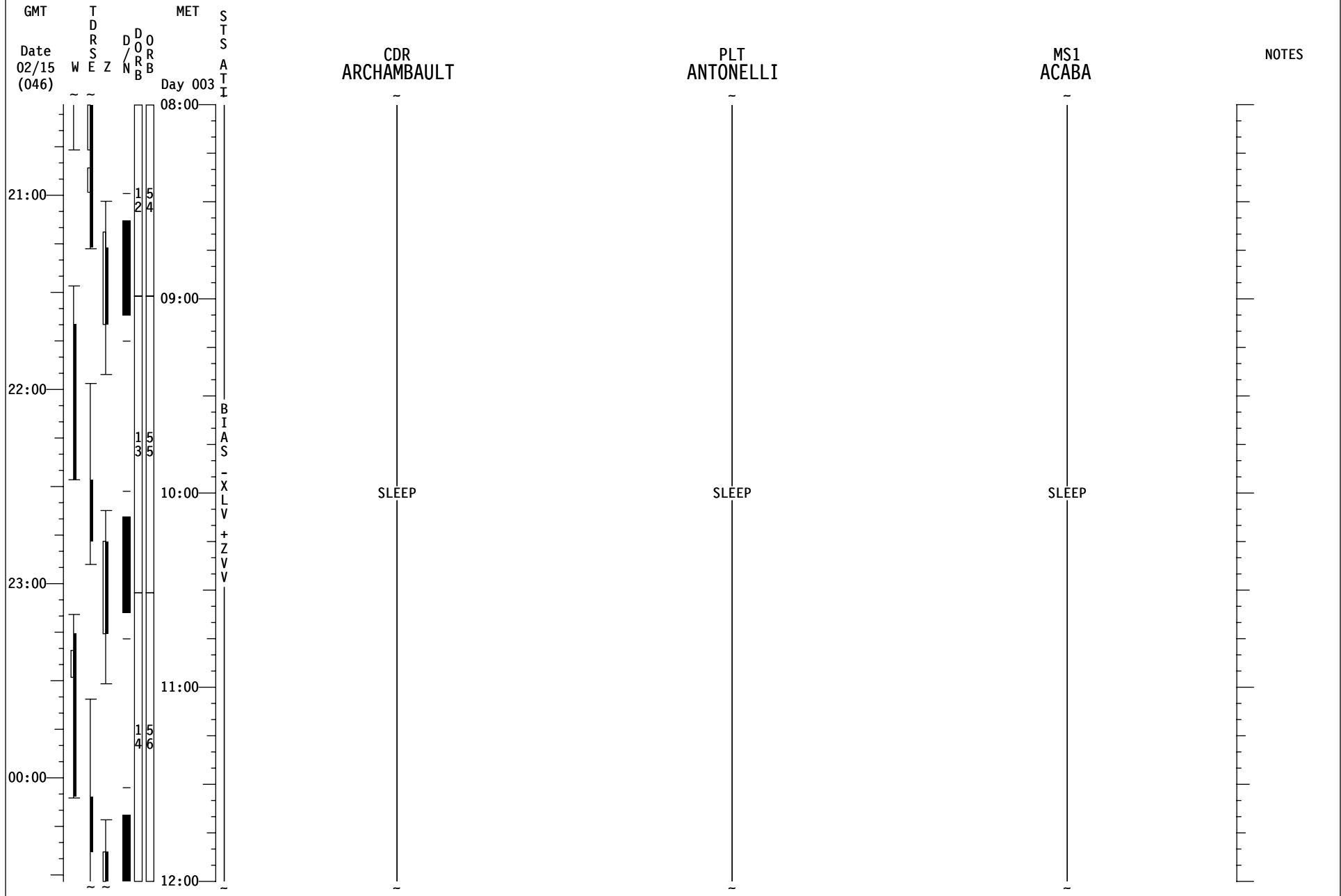
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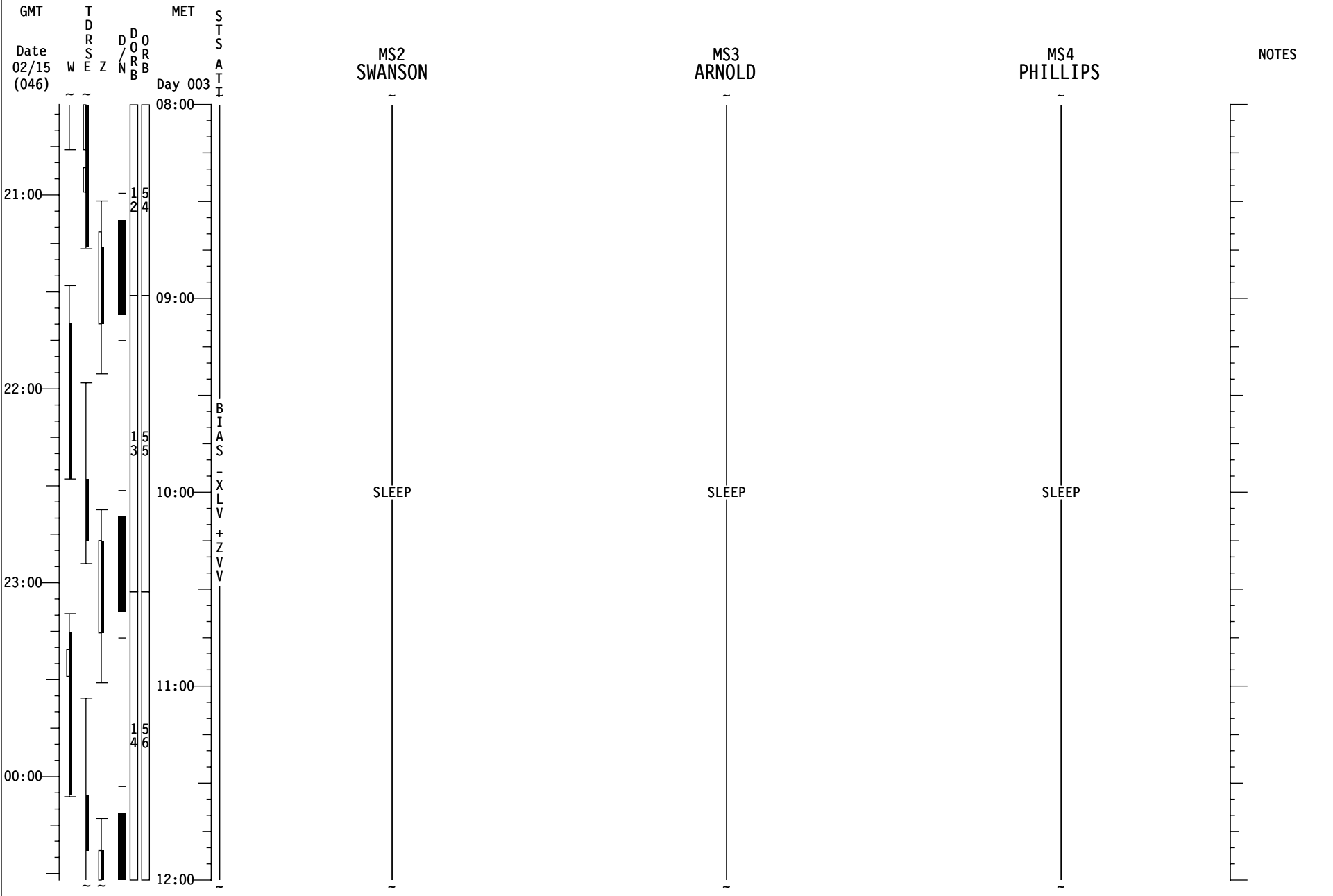
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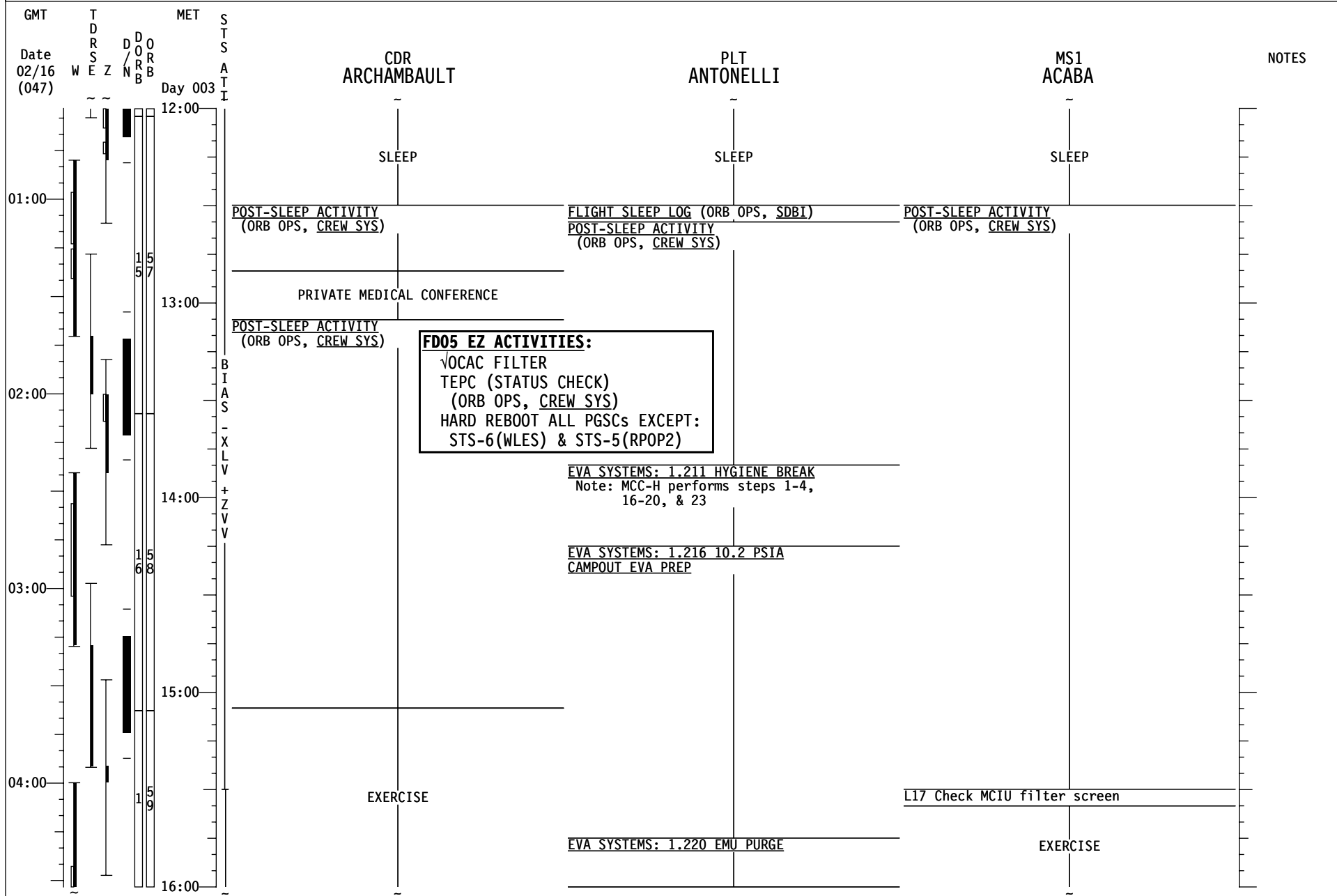
STS-119 FD (04)



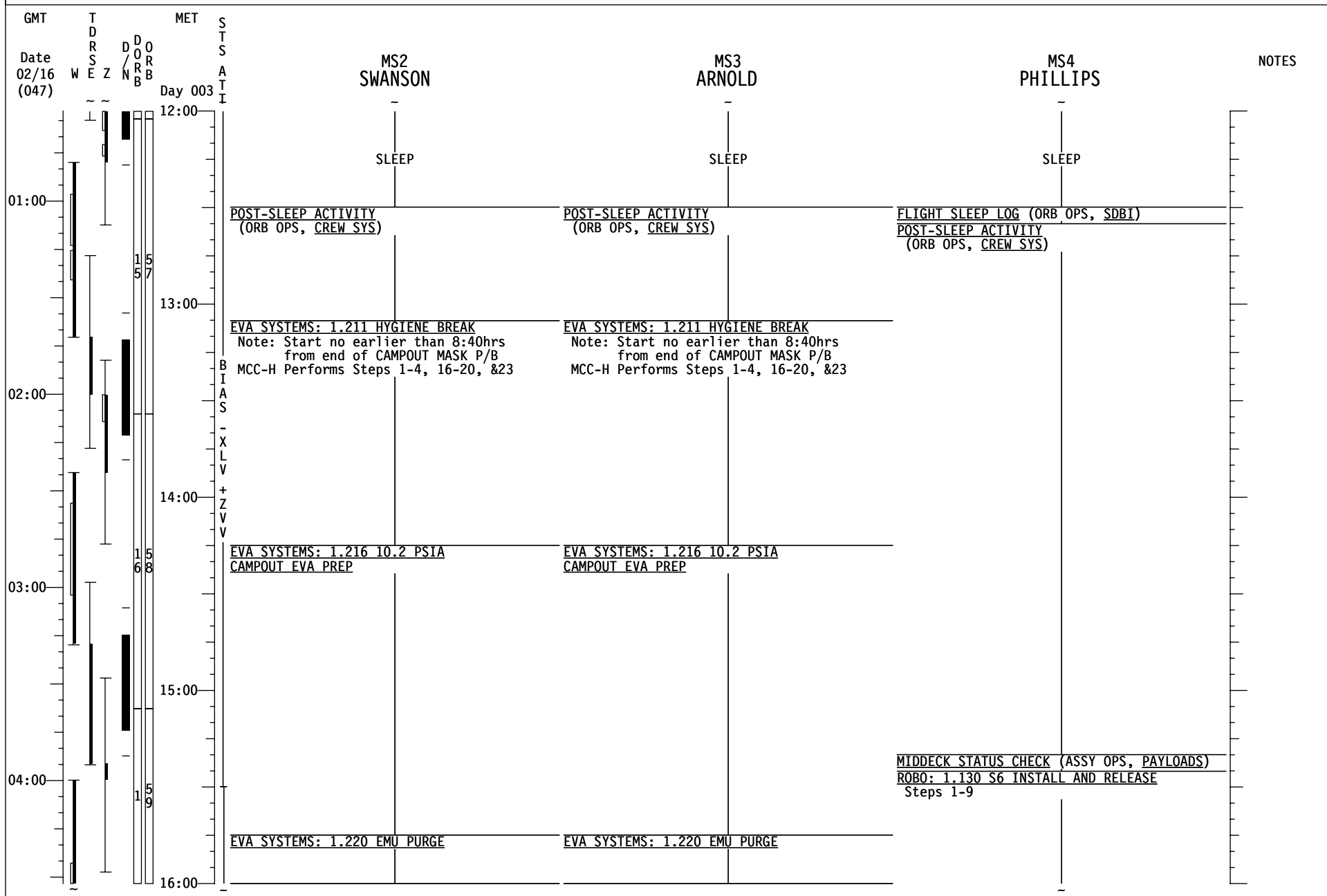
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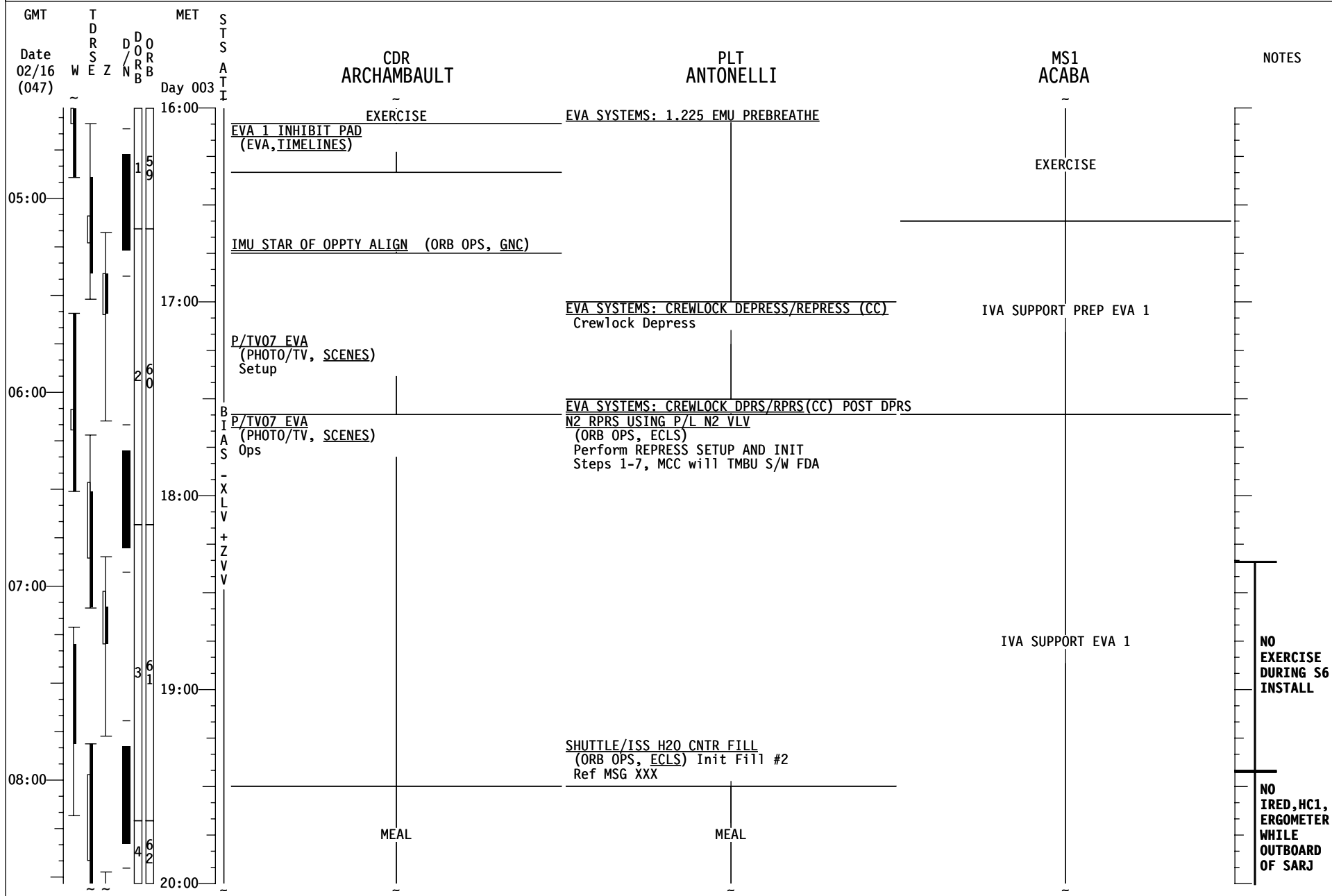
STS-119 FD (05)



STS-119 FD (05)



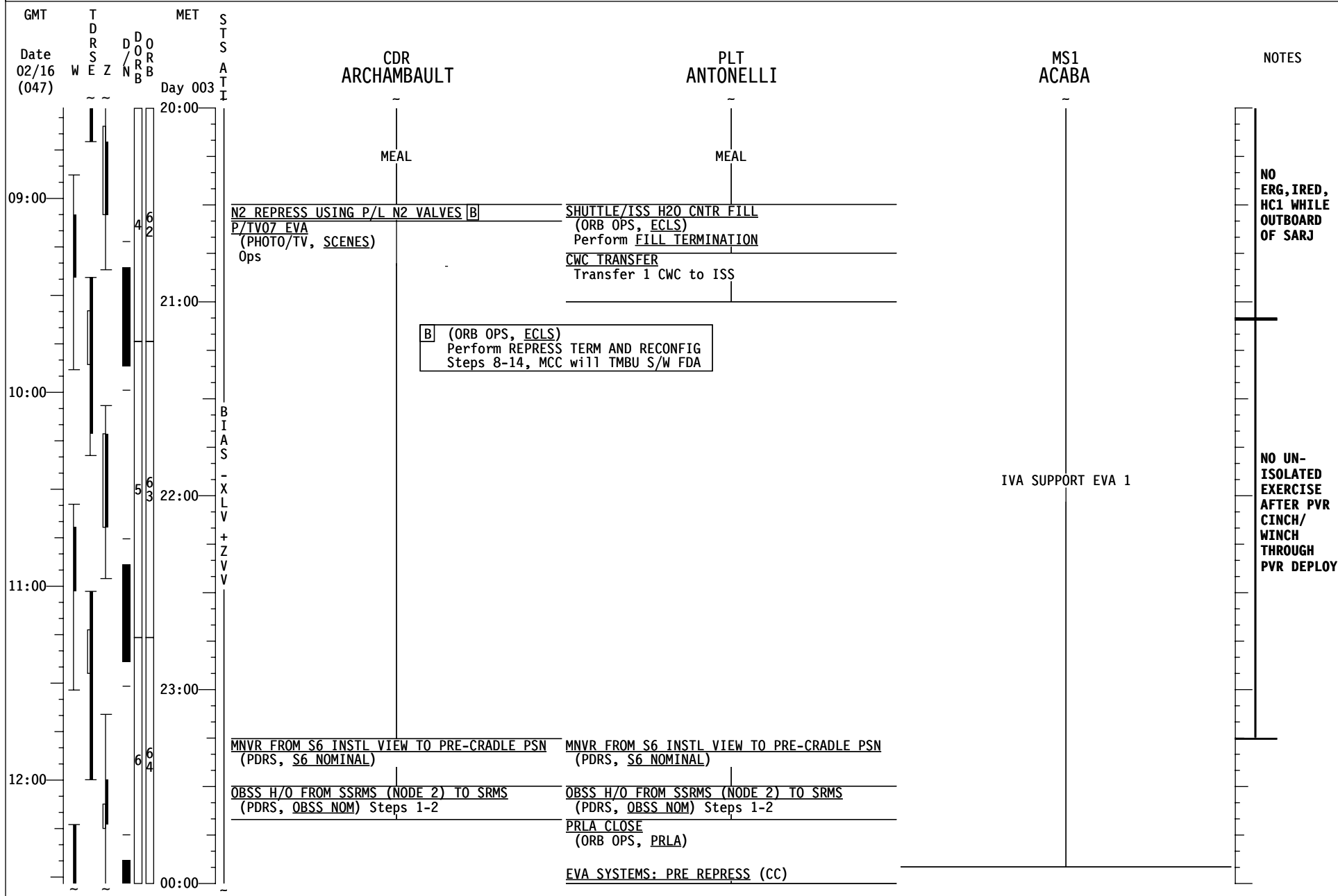
STS-119 FD (05)



STS-119 FD (05)

| GMT | TDRS W E Z | MET Day 003 | S T S A T I | MS2 SWANSON | MS3 ARNOLD | MS4 PHILLIPS | NOTES |
|----------------|---------------|----------------|----------------------------|--|--|--|---|
| 02/16 (047) | | | | | | | |
| 05:00 | | | | EVA SYSTEMS: 1.225 EMU PREBREATHE | EVA SYSTEMS: 1.225 EMU PREBREATHE | ROBO: 1.130 S6 INSTALL AND RELEASE Steps 1-9 | |
| 06:00 | | | | EVA SYSTEMS: CREWLOCK DEPRESS/REPRESS (CC) Crewlock Depress | EVA SYSTEMS: CREWLOCK DEPRESS/REPRESS (CC) Crewlock Depress | | |
| 07:00 | | | | EVA SYS: CREWLOCK DPRS/RPRS (CC) POST DPRS | EVA SYS: CREWLOCK DPRS/RPRS (CC) POST DPRS | | |
| 18:00 | | | | EGRESS | EGRESS | CAMERA SUPPORT FOR SSRMS | |
| 19:00 | | | | EVA 1 SETUP | EVA 1 SETUP | ROBO: 1.130 S6 INSTALL AND RELEASE Steps 10-12 EXERCISE CONSTRAINT | |
| 08:00 | | | | ATTACH S6 TO S5 | ATTACH S6 TO S5 | | NO EXERCISE DURING S6 INSTALL |
| 20:00 | | | | CONNECT S5 TO S6 UMBILICALS | CONNECT S5 TO S6 UMBILICALS | ROBO: 1.130 S6 INSTALL AND RELEASE Steps 13-14 | NO TRED, HC1, ERGOMETER WHILE OUTBOARD OF SARJ |
| | | | | | | ROBO: 2.100 SSRMS MNVR TO TRANSLATE FOR FI | |

STS-119 FD (05)



NO
ERG, IRED,
HC1 WHILE
OUTBOARD
OF SARJ

NO UN-
ISOLATED
EXERCISE
AFTER PVR
CINCH/
WINCH
THROUGH
PVR DEPLOY

STS-119 FD (05)

| GMT | TDRS W E Z | MET Day 003 | S T S A T I | MS2 SWANSON | MS3 ARNOLD | MS4 PHILLIPS | NOTES |
|------------------|---------------|----------------|--------------------------------------|-------------------------------|-------------------------------|-----------------|--|
| Date 02/16 (047) | DORNB 42 | | | CONNECT S5 TO S6 UMBILICALS | CONNECT S5 TO S6 UMBILICALS | | |
| 09:00 | | | | PVR CINCHES AND WINCH RELEASE | | MEAL | NO ERG, IRED, HCl WHILE OUTBOARD OF SARJ |
| | | | | | RELEASE SABB RESTRAINTS | | |
| | | | | KEEL PIN ROTATION | | | |
| 10:00 | | | B I A S | BGA RELEASE | | | |
| | | | - X L V + Z V V | | | | NO UN-ISOLATED EXERCISE AFTER PVR CINCH/WINCH THROUGH PVR DEPLOY |
| | | | | UNSTOW NADIR (1B) SABB | UNSTOW ZENITH (3B) SABB | | |
| 11:00 | | | | | | | |
| | | | | SSU AND ECU COVER REMOVAL | SSU AND ECU COVER REMOVAL | | |
| 12:00 | | | | CLEANUP AND A/L INGRESS | CLEANUP AND A/L INGRESS | | |
| 00:00 | | | | EVA SYSTEMS: PRE REPRESS (CC) | EVA SYSTEMS: PRE REPRESS (CC) | | |

STS-119 FD (05)

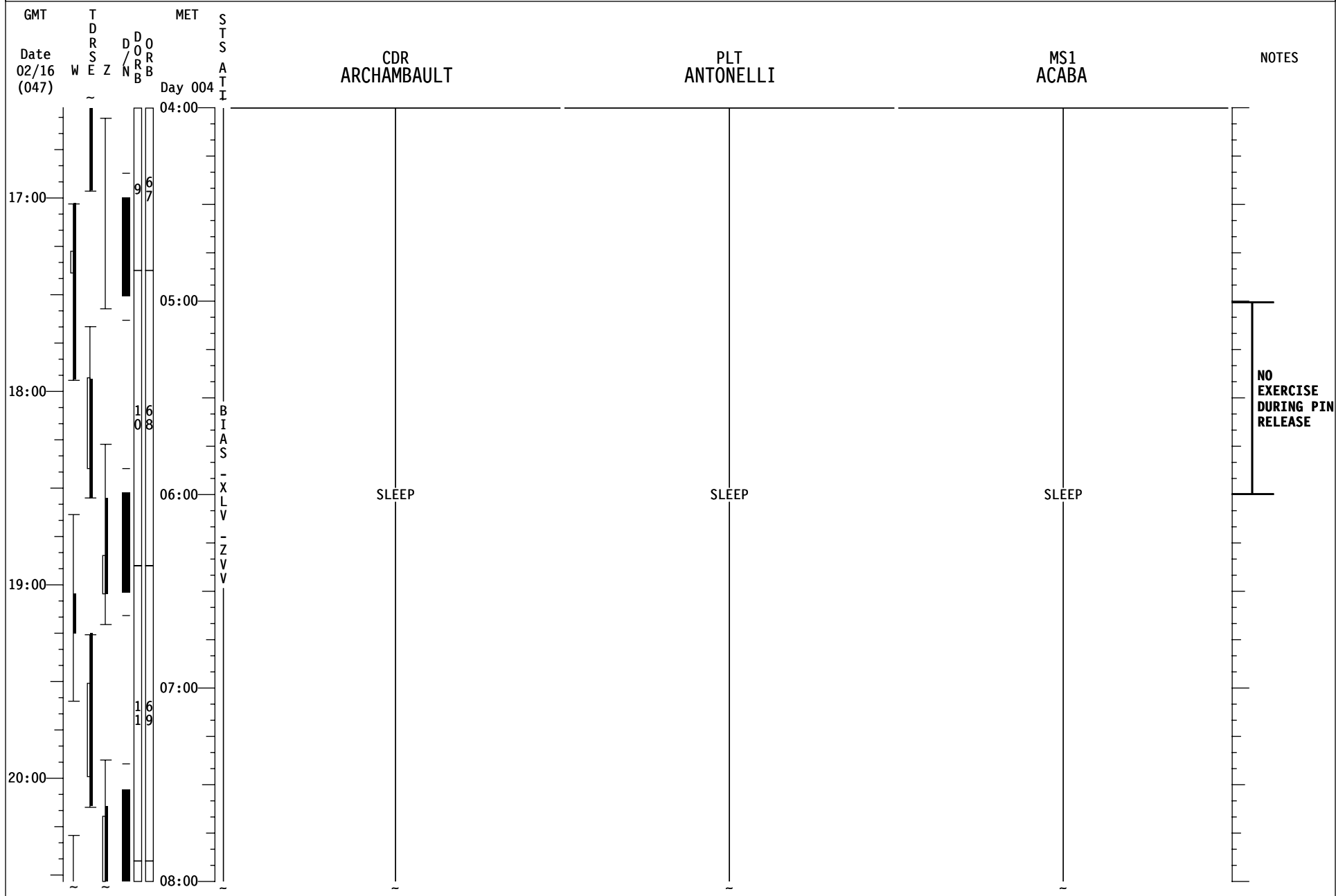
| GMT | TDRS W E Z | MET Day 004 | S A T T I | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES | |
|------------------------|----------------------------|----------------|---------------------------------|--------------------|---|---|--|--|
| Date 02/16 (047) | D O R B 6 4 | 00:00 | I | | <u>EVA SYSTEMS: CREWLOCK DEPRESS/REPRESS (CC)</u> Crewlock Repress | | NO UN-ISOLATED EXERCISE DURING MT TRANSLATE | |
| | | | | | <u>UPDATE UNIV PTG (POST S6 INSTALL ATT)</u> MNVR (TRK) BIAS -XLV +ZVV TG=2 BV=5 P=162 Y=359 OM=6 VA/FREE/VERN, Init TRK DAP Permanent Edit: A12: CA=5 B12: CA=5 | <u>EVA SYSTEMS: 1.240 POST EVA</u> Perform H2O Recharge; No Metox regen MCC-H will perform Steps 44 & 68 Ref: <u>STS-119/15A EMU CONSUMABLES TRACKING CC</u> | | <u>MUS (ASSY OPS, PAYLOADS)</u> <u>MOP (ASSY OPS, PAYLOADS)</u> |
| | | | | | <u>PRE-SLEEP ACTIVITY</u> S (ORB OPS, CREW SYS) | | | <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS) |
| | | | | | <u>Config DAP A,B to A12, B12</u> | | | |
| 13:00 | 7 5 | 01:00 | X L V + Z V V | | | | | |
| | | | | | PRIVATE MEDICAL CONFERENCE | | | |
| | | | | | POST EVA TAGUP | <u>MOP (ASSY OPS, PAYLOADS)</u> | <u>EVA SYSTEMS: 1.605 BSA BATTERY RECHARGE</u> Perform INITIATE Ref: <u>STS-119 BATTERY RECHARGE CC (EVA)</u> | |
| | | | | | <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS) | <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS) | | |
| 14:00 | 8 6 | 02:00 | I A S | | | | | |
| | | | | | <u>VA12/FREE/VERN [A]</u> MNVR (TRK) BIAS -XLV -ZVV TG=2 BV=5 P=162 Y=359 OM=167 A12/AUTO/VERN, Init TRK | | <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS) | |
| | | | | | | | <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS) | |
| | | | | | <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS) | | | |
| 15:00 | 9 7 | 03:00 | - Z V V | | | | | |
| | | | | | | | | |
| | | | | | <u>When ISS GO for ATT CTRL, DAP: FREE</u> | | | |
| | | | | | <u>PRE-SLEEP ACTIVITY</u> V (ORB OPS, CREW SYS) | | | |
| 16:00 | | 04:00 | | | | | | |
| | | | | | | | | |

[A] When ISS is Free Drift, DAP: LVLH,
When rates < 0.1, DAP: FREE>2 sec,
then DAP: AUTO

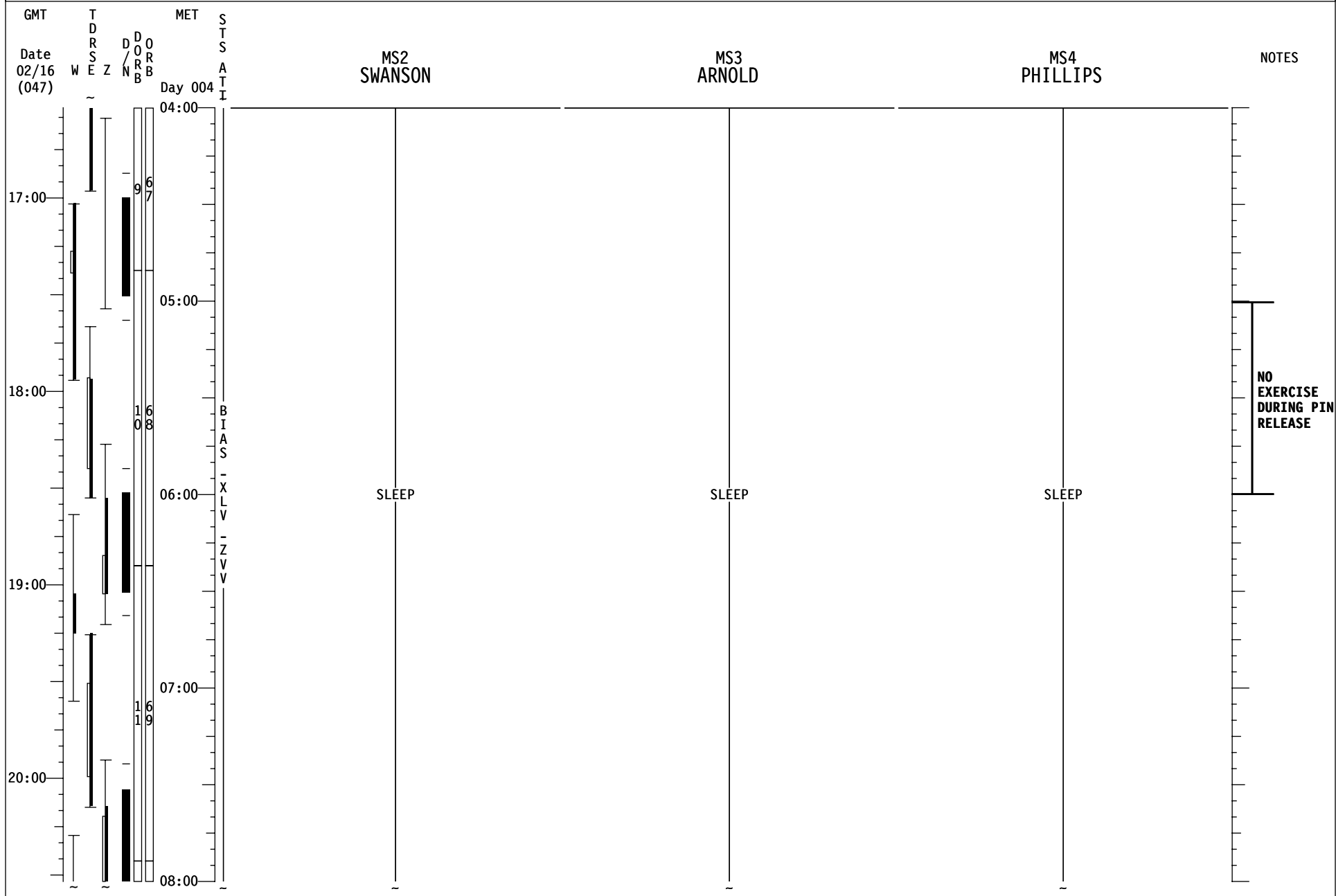
STS-119 FD (05)

| GMT | TDRS W E Z | MET | S T S | MS2 SWANSON | MS3 ARNOLD | MS4 PHILLIPS | NOTES |
|------------------|---------------|---------|-------------|---|---|---|--|
| Date 02/16 (047) | | Day 004 | | | | | |
| | | | | <u>EVA SYSTEMS: CREWLOCK DEPRESS/REPRESS (CC)</u> Crewlock Repress | <u>EVA SYSTEMS: CREWLOCK DEPRESS/REPRESS (CC)</u> Crewlock Repress | <u>MDDK ST CK (ASSY OPS, PAYLOADS) Step 1 only</u> <u>MUS (ASSY OPS, PAYLOADS)</u> | NO UN-ISOLATED EXERCISE DURING MT TRANSLATE |
| 13:00 | | | | <u>EVA SYSTEMS: 1.240 POST EVA</u> With H2O & METOX MCC-H will perform Steps 44 & 68 Ref. <u>STS-119 CONSUMABLE TRACKING CC (EVA)</u> Ref. <u>STS-119 BATTERY RECHARGE/METOX REGEN CC (EVA)</u> | <u>EVA SYSTEMS: 1.240 POST EVA</u> With H2O & METOX MCC-H will perform Steps 44 & 68 Ref. <u>STS-119 CONSUMABLE TRACKING CC (EVA)</u> Ref. <u>STS-119 BATTERY RECHARGE/METOX REGEN CC (EVA)</u> | <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS) | |
| 14:00 | | | | | | <u>ROBO: 2.110 SSRMS WALKOFF TO NODE 2 PDGF</u> Steps 1-5 | |
| | | | | <u>POST EVA TAGUP</u> <u>MOP (ASSY OPS, PAYLOADS)</u> | <u>MOP (ASSY OPS, PAYLOADS)</u> | | |
| | | | | <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS) | <u>PLAYBACK OPERATIONS (PHOTO/TV, CUE CARD)</u> KU TDRW (01:39-01:56) <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS) | | |
| 15:00 | | | | | | <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS) | |
| 16:00 | | | | | | | |
| 04:00 | | | | | | | |

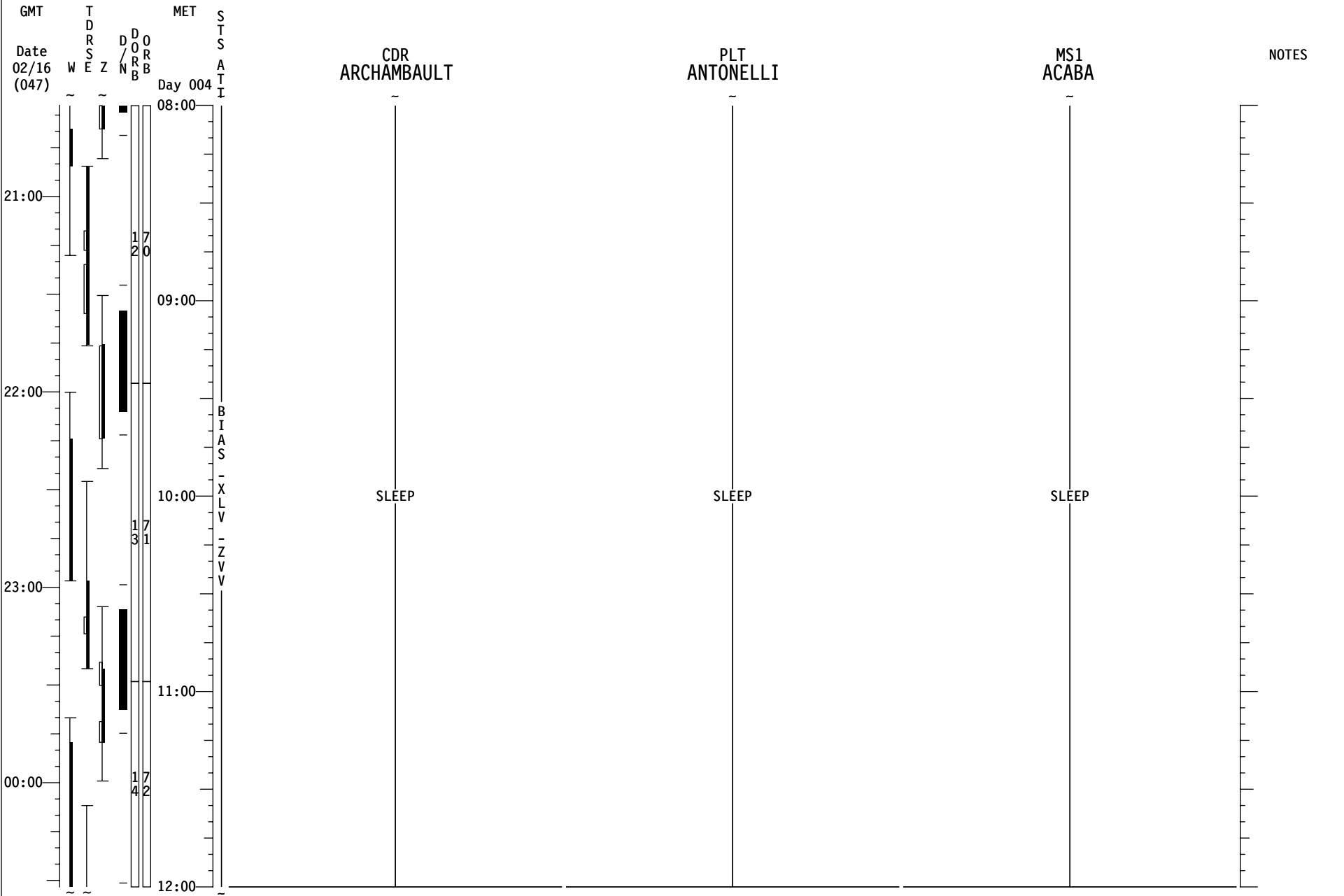
STS-119 FD (05)



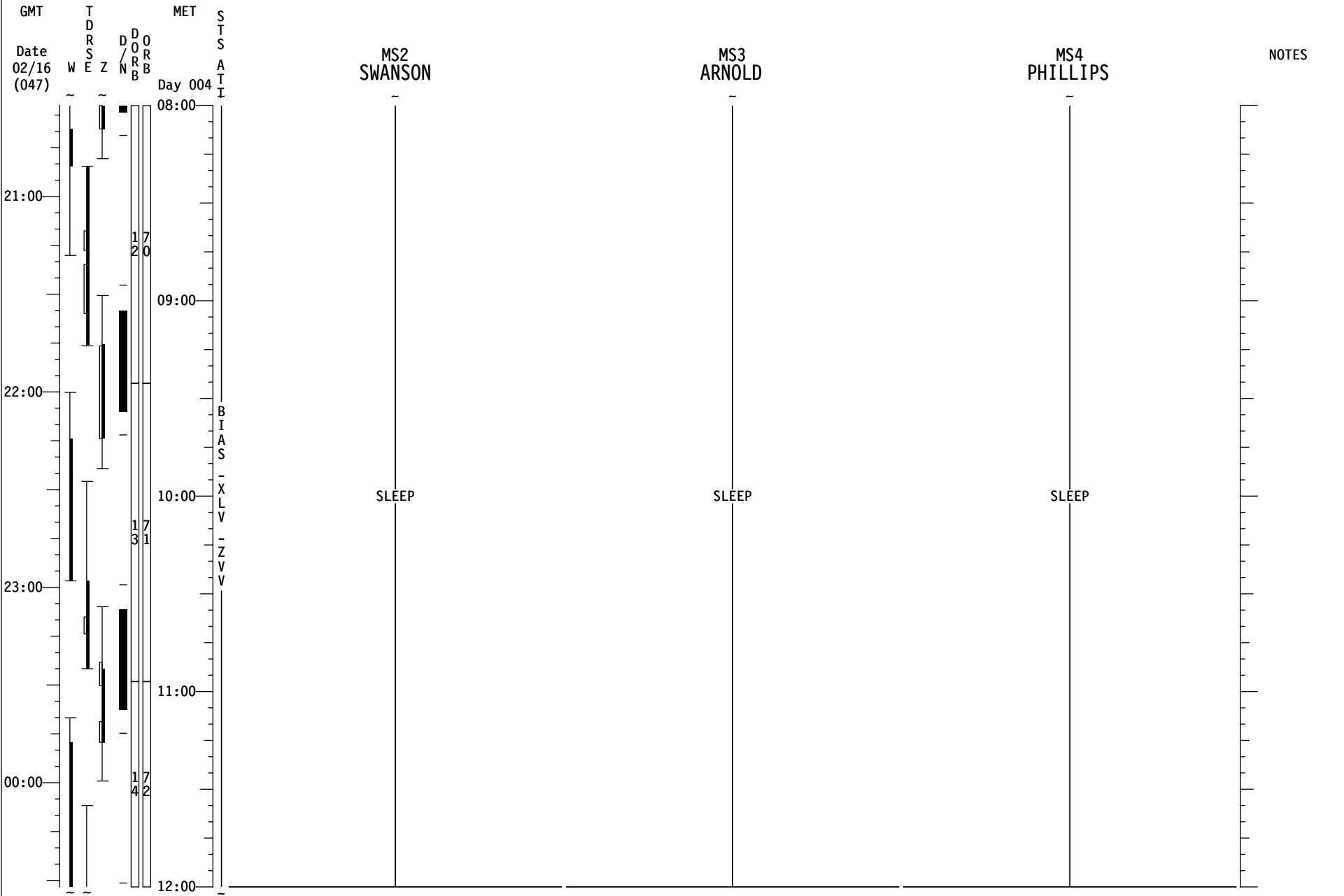
STS-119 FD (05)



STS-119 FD (05)



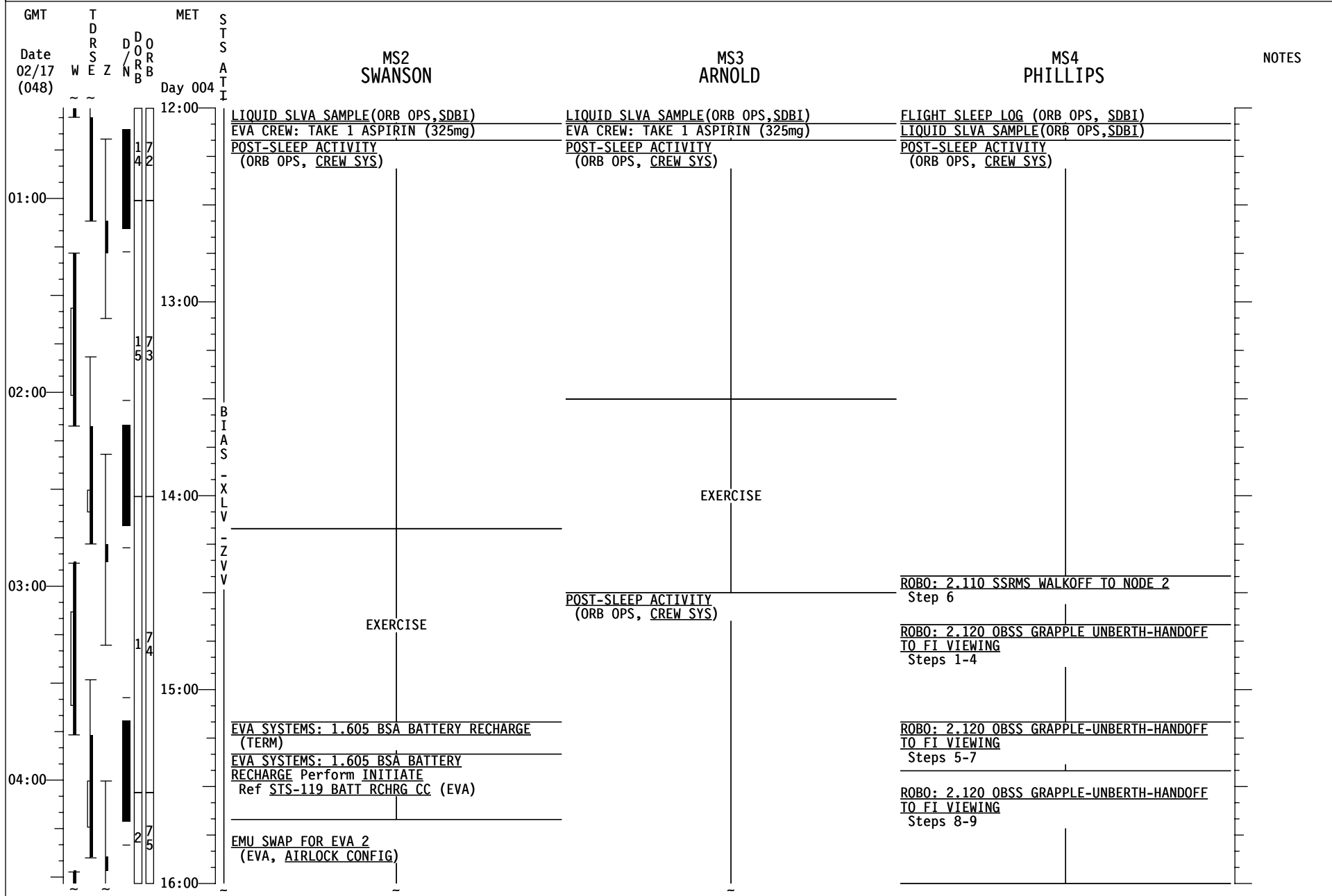
STS-119 FD (05)



STS-119 FD (06)

| GMT | T D R S E Z | MET | S T S | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|------------------|-------------|---------|-------|---|---|---|-------|
| Date 02/17 (048) | W E Z | Day 004 | A T I | | | | |
| | D O R B | | | | | | |
| | 17 4 2 | | | | | | |
| 12:00 | | | | POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) HUM SEP FOR H2O ACCUMULATION | FLIGHT SLEEP LOG (ORB OPS, SDBI) POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) | POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) | |
| 01:00 | | | | | | | |
| | 17 5 3 | | | | | | |
| 02:00 | | | | FD06 EZ ACTIVITIES: ✓OCAC FILTER TEPC (STATUS CHECK) (ORB OPS, CREW SYS) HARD REBOOT ALL PGSCs EXCEPT: STS-6(WLES) & STS-5(RPOP2) | | | |
| | | | | | | | |
| 03:00 | | | | L1 FES PRI B - OFF DOUG REVIEW Ref. MSG XXX | DOUG REVIEW Ref. MSG XXX | DOUG REVIEW Ref. MSG XXX | |
| | | | | | | | |
| 04:00 | | | | P/TV06 ROBOTICS OPS (PHOTO/TV, SCENES) Ops | WCS FILTER CHECK [A] POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) | | |
| | 17 4 | | | | | | |
| 15:00 | | | | [A] WCS CRADLE - AUTO INHIBIT Inspect hose block filter, change if req'd WCS CRADLE - AUTO | | EXERCISE | |
| | | | | | | | |
| 16:00 | | | | | OBSS H/O FROM SSRMS TO SRMS (PDRS, OBSS NOMINAL) Steps 3-5 IMU STAR OF OPPTY ALIGN (ORB OPS, GNC) FILTER CLEANING (IFM, SCHEDULED MAINTENANCE) Inspect filters and clean as necessary | EMU SWAP FOR EVA 2 (EVA, AIRLOCK CONFIG) | |
| | 2 7 5 | | | | | | |

STS-119 FD (06)



STS-119 FD (06)

| GMT | TDRS W E Z | MET Day 004 | S A T I | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|------------------|---------------|----------------|------------------|---|---|--|--|
| Date 02/17 (048) | DORBN DORB | | | | | | |
| 16:00 | | | | P/TV06 ROBOTICS OPS (PHOTO/TV, SCENES) Ops | <u>FILTER CLEANING</u> (IFM, SCHEDULED MAINTENANCE) Inspect filters and clean as necessary | <u>EMU SWAP FOR EVA 2</u> (EVA, AIRLOCK CONFIG) | |
| 05:00 | | | | | <u>OBSS HANDOFF FROM SSRMS TO SRMS</u> (PDRS, OBSS NOMINAL) Steps 6-7 EXERCISE CONSTRAINT | <u>EVA SYSTEMS: 1.403 REBA POWERED</u> <u>HARDWARE CHECKOUT</u> | NO EXERCISE WHILE DOUBLE GRAPPLED |
| | | | | | | <u>OBSS HANDOFF FROM SSRMS TO SRMS</u> (PDRS, OBSS NOMINAL) Steps 6-7 EXERCISE CONSTRAINT | |
| 17:00 | | | | | <u>OBSS MNVR TO OBSS CLEARANCE POSN</u> (PDRS, OBSS NOMINAL) | <u>OBSS MNVR TO OBSS CLEARANCE POSN</u> (PDRS, OBSS NOMINAL) | |
| 06:00 | | | | <u>OBSS FOCUSED INSPECTION</u> Ref. MSG XXX EXERCISE CONSTRAINT | <u>OBSS FOCUSED INSPECTION</u> Ref. MSG XXX EXERCISE CONSTRAINT | <u>OBSS FOCUSED INSPECTION</u> Ref. MSG XXX EXERCISE CONSTRAINT | NO EXERCISE DURING FOCUSED INSPECTION |
| | | | | | | | |
| 18:00 | | | | | | | |
| 07:00 | | | | | | | |
| 19:00 | | | | | | | |
| 08:00 | | | | | | | |
| 20:00 | | | | | | | |

STS-119 FD (06)

| GMT | T D R S E Z | D O R B | MET | S T S | MS2 SWANSON | MS3 ARNOLD | MS4 PHILLIPS | NOTES |
|------------------|-------------|---------|---------|-------|---|--|--|---------------------------------------|
| Date 02/17 (048) | W | E | Day 004 | A T I | | | | |
| 16:00 | | | | | EMU SWAP FOR EVA 2 (EVA, AIRLOCK CONFIG) | POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) MDDK ST CK (ASSY OPS, PAYLOADS) Step 1 only | ROBO: 2.120 OBSS GRAPPLE-UNBERTH-HANDOFF TO FI VIEWING Steps 10-13 | |
| 05:00 | | | | | EVA SYSTEMS: 1.515 EMU METOX/LIOH/BATTERY REPLACEMENT Install METOX Canisters/Batt Ref: STS-119 CONSUMABLES TRACKING CC (EVA) | DAILY TRANSFER LIST UPDATE Ref. Transfer List & MSG XXX | | |
| | | | | | TRANSFER OPS Ref. Transfer List | TRANSFER OPS Ref. Transfer List | | |
| 17:00 | | | | | | | ROBO: 2.120 OBSS GRAPPLE-UNBERTH-HANDOFF TO FI VIEWING Steps 14-15 EXERCISE CONSTRAINT | NO EXERCISE WHILE DOUBLE GRAPPLED |
| 06:00 | | | | | | | ROBO: 2.120 OBSS GRAPPLE-UNBERTH-HANDOFF TO FI VIEWING Step 16-18 | |
| 18:00 | | | | | | | MEAL | |
| 07:00 | | | | | SHUTTLE/ISS H2O CNTR FILL (ORB OPS, ECLS) Init Fill #3 Ref MSG XXX | | | |
| 19:00 | | | | | MEAL | MEAL | | NO EXERCISE DURING FOCUSED INSPECTION |
| 08:00 | | | | | SHUTTLE/ISS H2O CNTR FILL (ORB OPS, ECLS) Perform FILL TERMINATION | TRANSFER OPS Ref. Transfer List | SSRMS CAMERA SUPPORT FOR FOCUSED INSPECTION | |
| 20:00 | | | | | CWC TRANSFER Transfer 1 CWC to ISS | | | |

STS-119 FD (06)

| GMT | TDRSEZ | MET | SATS | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|------------------|--------|---------|---------|---|--|---|--|
| Date 02/17 (048) | W E Z | Day 004 | Day 004 | | | | |
| | DORB | | | | | | |
| 09:00 | 4 | | | <u>OBSS FOCUSED INSPECTION</u> Ref. MSG XXX EXERCISE CONSTRAINT | <u>OBSS FOCUSED INSPECTION</u> Ref. MSG XXX EXERCISE CONSTRAINT | <u>OBSS FOCUSED INSPECTION</u> Ref. MSG XXX EXERCISE CONSTRAINT | NO EXERCISE DURING FOCUSED INSPECTION |
| | 5 | | | | | EVA SYSTEMS: 1.305 EQUIPMENT LOCK PREP | |
| 10:00 | 7 | | | <u>OBSS HANDOFF FROM SRMS TO SSRMS</u> (PDRS, <u>OBSS NOMINAL</u>) Steps 1-2 | <u>OBSS HANDOFF FROM SRMS TO SSRMS</u> (PDRS, <u>OBSS NOMINAL</u>) Steps 1-2 | | NO EXERCISE WHILE DOUBLE GRAPPLED |
| | 8 | | | <u>OBSS HANDOFF FROM SRMS TO SSRMS</u> (PDRS, <u>OBSS NOMINAL</u>) Steps 3-6 EXERCISE CONSTRAINT | <u>OBSS HANDOFF FROM SRMS TO SSRMS</u> (PDRS, <u>OBSS NOMINAL</u>) Steps 3-6 EXERCISE CONSTRAINT | <u>EVA TOOL CONFIG</u> (EVA, <u>TIMELINES</u>) | |
| 11:00 | 6 | | | <u>OBSS H/O FROM SRMS TO SSRMS</u> (PDRS, <u>OBSS NOMINAL</u>) Steps 7-9 | EXERCISE | <u>EVA TOOL AUDIT</u> (EVA, <u>TIMELINES</u>) | |
| 12:00 | 7 | | | EXERCISE | | <u>MUS (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, <u>CREW SYS</u>) | |
| | 8 | | | | <u>SHUTTLE CONDENSATE COLLECTION</u> (ORB OPS, ECLS) Perform CHANGEOUT Ref MSG XXX, Item X | | |
| | 9 | | | | GATHER DUMP EQUIPMENT | | |
| | 0 | | | <u>MNVR FROM OBSS PRE-GRPL TO PRE-CRDL POSN</u> (PDRS, <u>OBSS NOMINAL</u>) | <u>MNVR FROM OBSS PRE-GRPL TO PRE-CRDL POSN</u> (PDRS, <u>OBSS NOMINAL</u>) <u>MOP (ASSY OPS, PAYLOADS)</u> | | |
| 00:00 | | | | | | | |

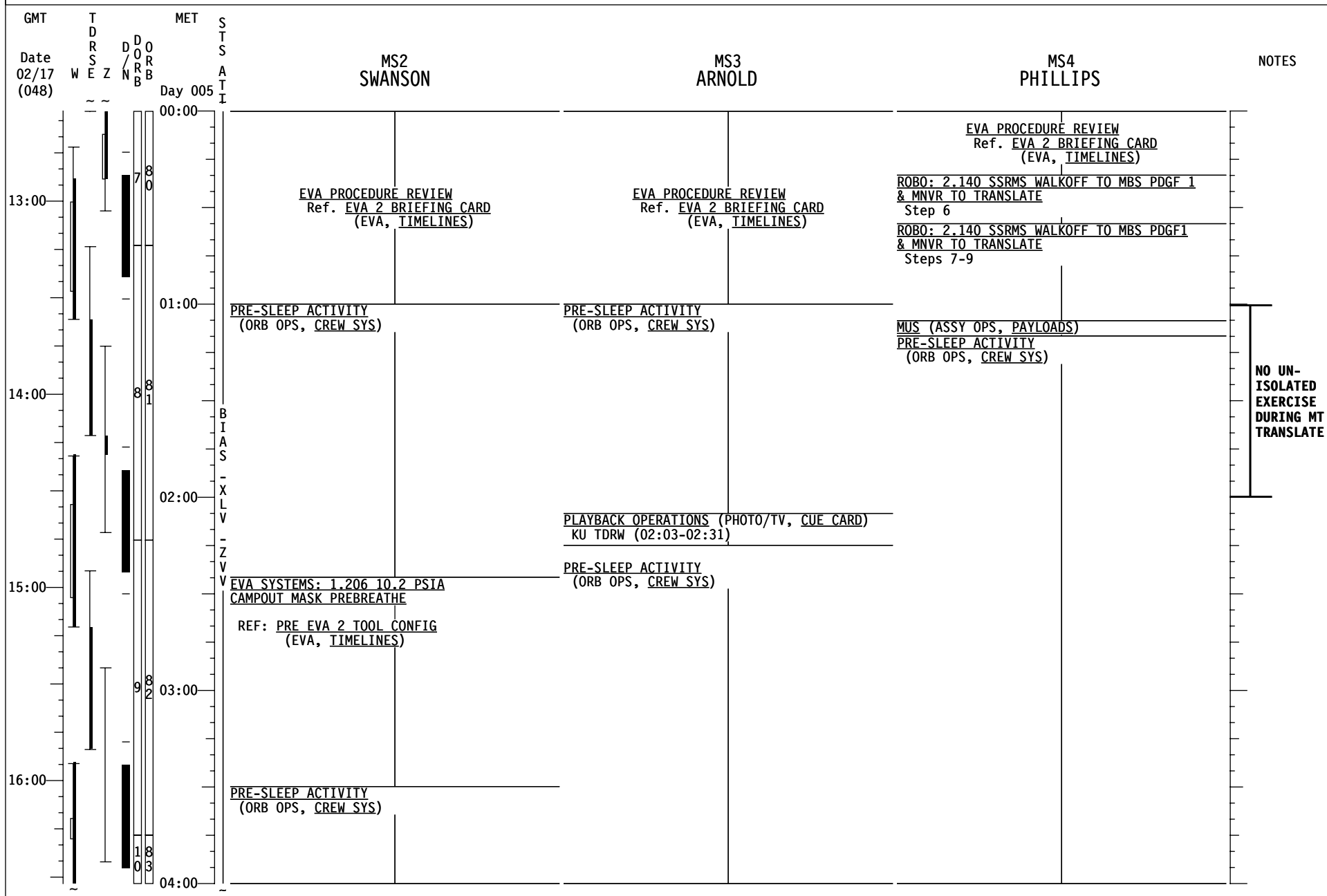
STS-119 FD (06)

| GMT | TDRS W E Z | MET Day 004 | S A T I | MS2 SWANSON | MS3 ARNOLD | MS4 PHILLIPS | NOTES |
|---|---------------|----------------|------------------|---|---|---|--|
| Date 02/17 (048) 09:00 10:00 11:00 12:00 00:00 | 4 | 004 | S | <u>CWC TRANSFER</u> Transfer 1 CWC to ISS | <u>TRANSFER OPS</u> Ref. Transfer List | | NO EXERCISE DURING FOCUSED INSPECTION |
| | 5 | | | | <u>P/TV09 GLACIER</u> (PHOTO/TV, SCENES) Photos | SSRMS CAMERA SUPPORT FOR FOCUSED INSPECTION | |
| | 6 | | | | <u>EVA SYSTEMS: 1.305 EQUIPMENT LOCK PREP</u> | | |
| | 7 | | | | <u>EVA TOOL CONFIG</u> (EVA, TIMELINES) | | <u>ROBO: 2.130 OBSS GRAPPLE-HANDBACK-BERTH TO UNGRAPPLE</u> Steps 1-4 |
| | 8 | | | | | | |
| | 9 | | | | | | |
| | 10 | | | | | | |
| | 11 | | | | | | |
| | 12 | | | | | | |
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| 30 | | | | | | | |

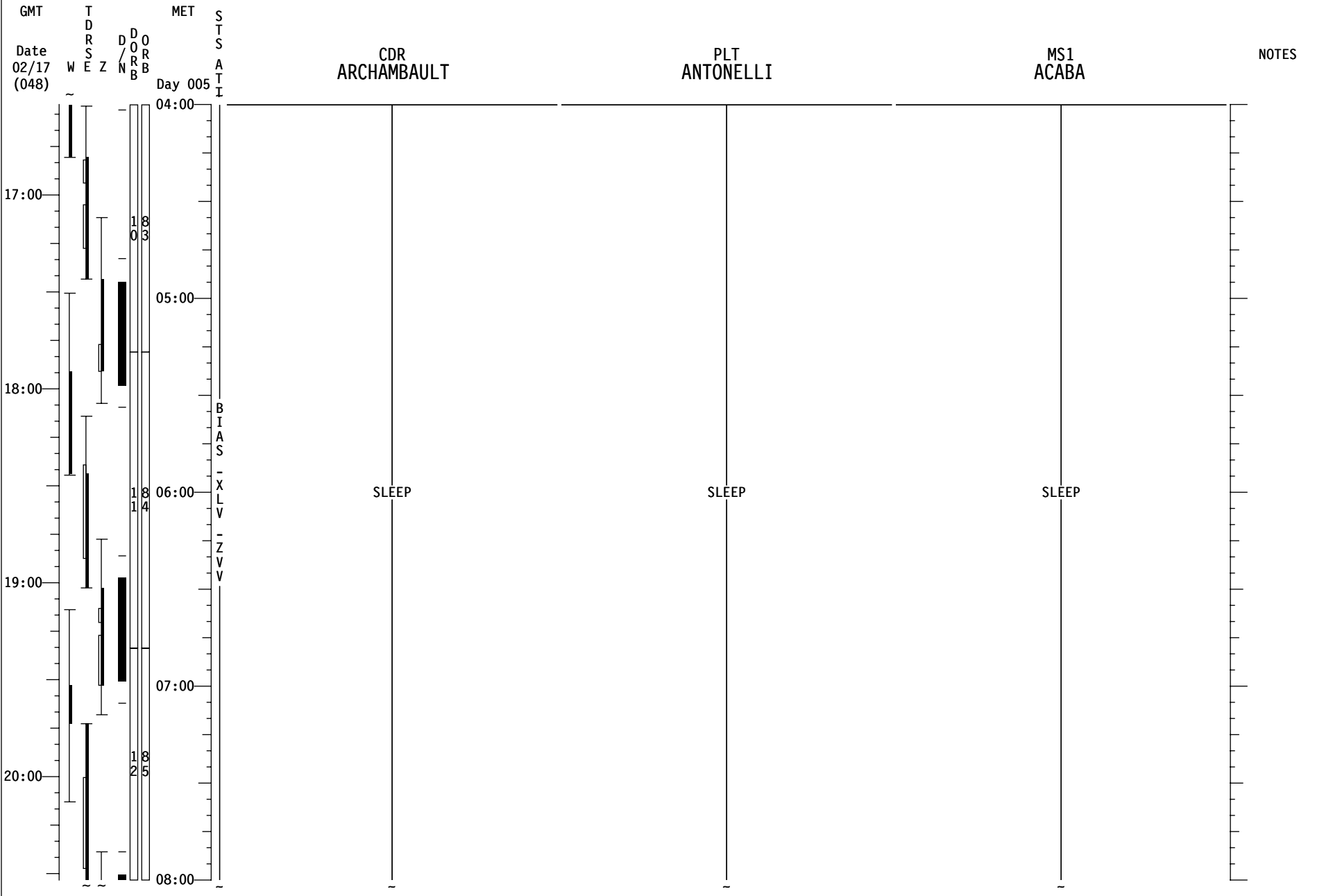
STS-119 FD (06)

| GMT | T D R S E Z | D O R B | MET | S T S | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|------------------|-------------|---------|---------|-------|--|---|---|---|
| Date 02/17 (048) | W E Z | D O R B | Day 005 | A T I | | | | |
| | | | | | EVA PROCEDURE REVIEW Ref. EVA 2 BRIEFING CARD (EVA, TIMELINES) | EVA PROCEDURE REVIEW Ref. EVA 2 BRIEFING CARD (EVA, TIMELINES) | EVA PROCEDURE REVIEW Ref. EVA 2 BRIEFING CARD (EVA, TIMELINES) | |
| 13:00 | | | | | | | | |
| | | | | | PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) | PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) | PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) | NO UN-ISOLATED EXERCISE DURING MT TRANSLATE |
| 14:00 | | | | | PRIVATE MEDICAL CONFERENCE | | | |
| | | | | | PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) | | | |
| | | | | | | | | |
| 15:00 | | | | | | EVA SYSTEMS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE REF: PRE EVA 2 TOOL CONFIG (EVA, TIMELINES) | EVA SYSTEMS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE REF: PRE EVA 2 TOOL CONFIG (EVA, TIMELINES) | |
| | | | | | | | | |
| | | | | | PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) | | | |
| 16:00 | | | | | | | PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) | |
| | | | | | | | | |
| 04:00 | | | | | | | | |

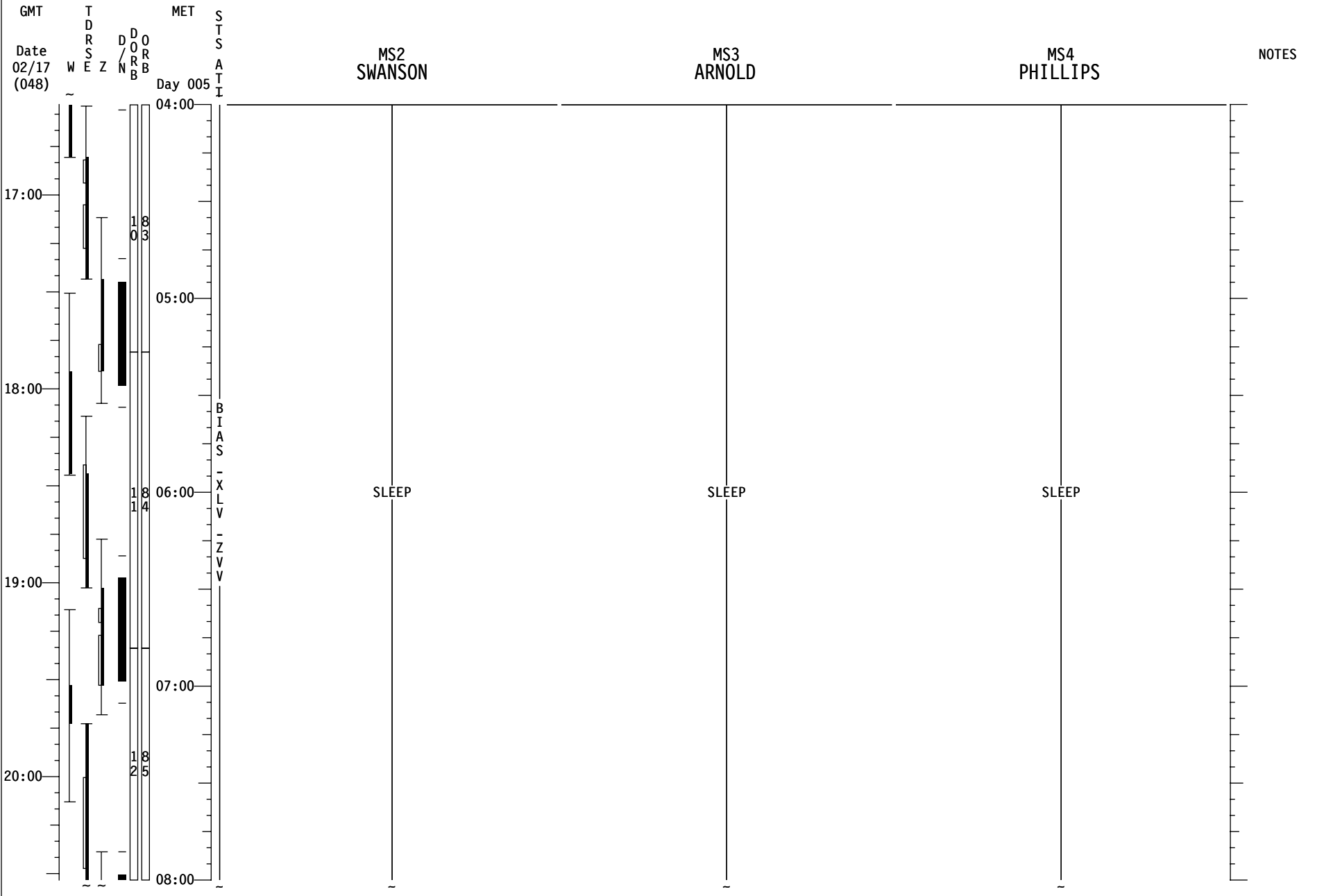
STS-119 FD (06)



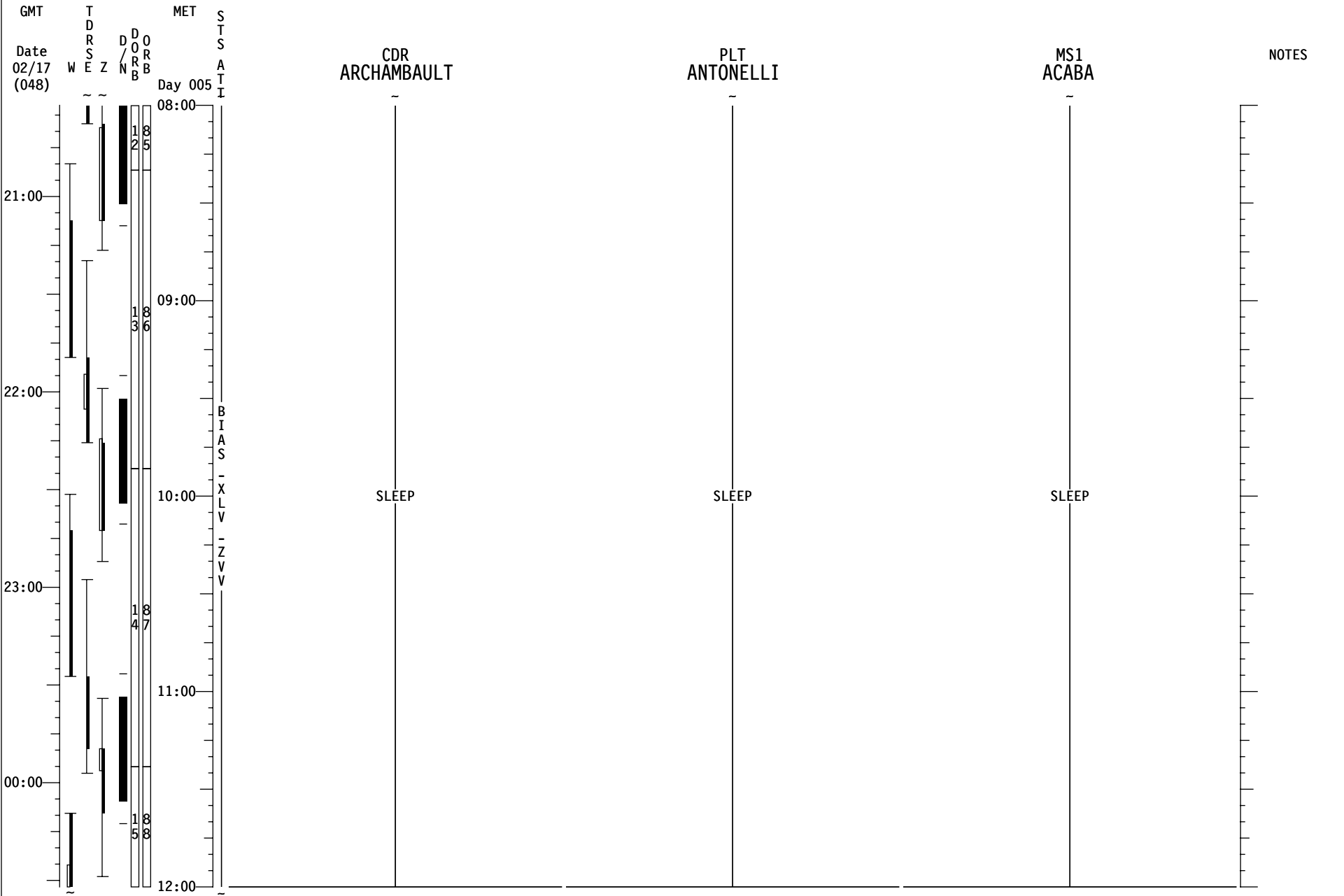
STS-119 FD (06)



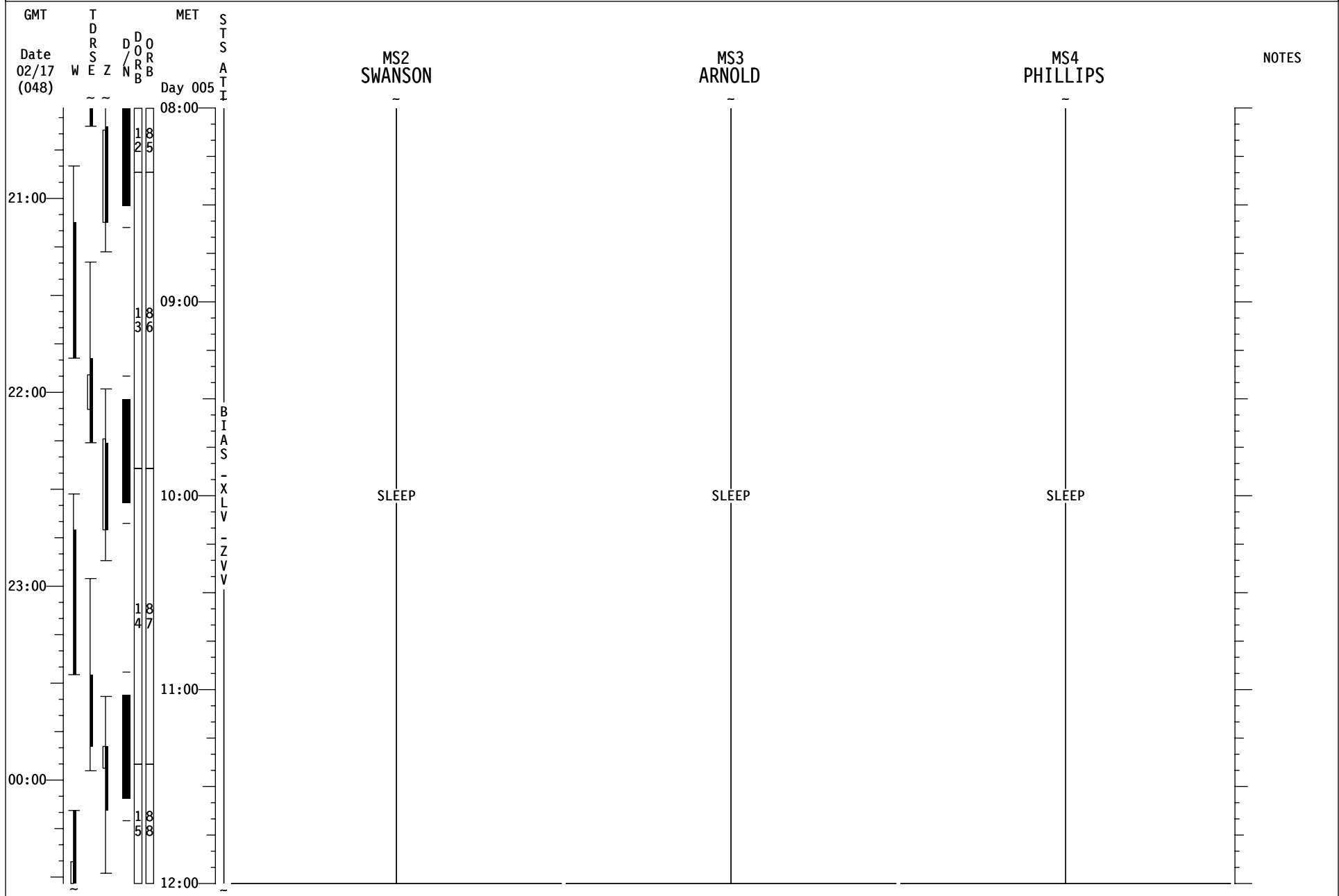
STS-119 FD (06)



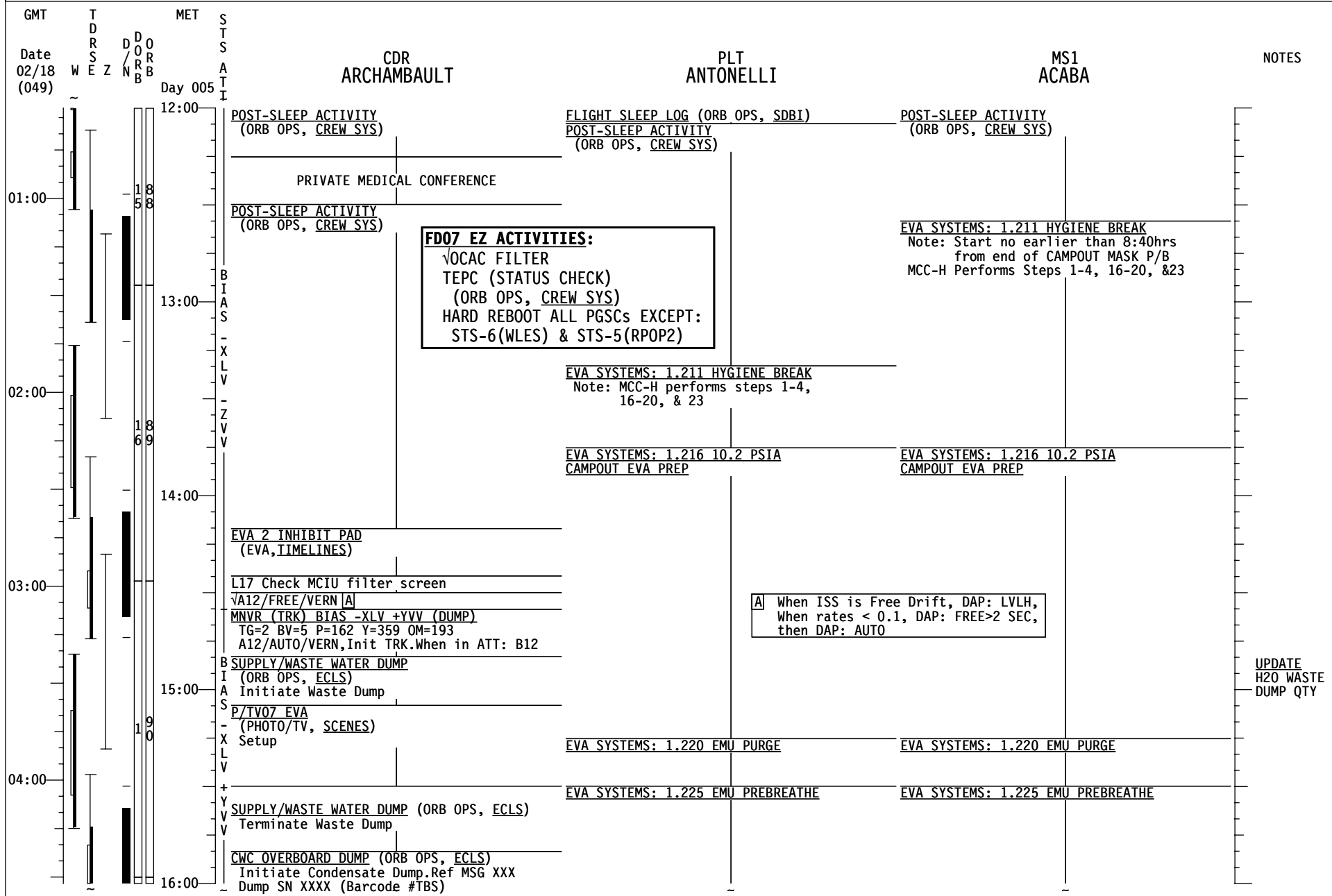
STS-119 FD (06)



STS-119 FD (06)



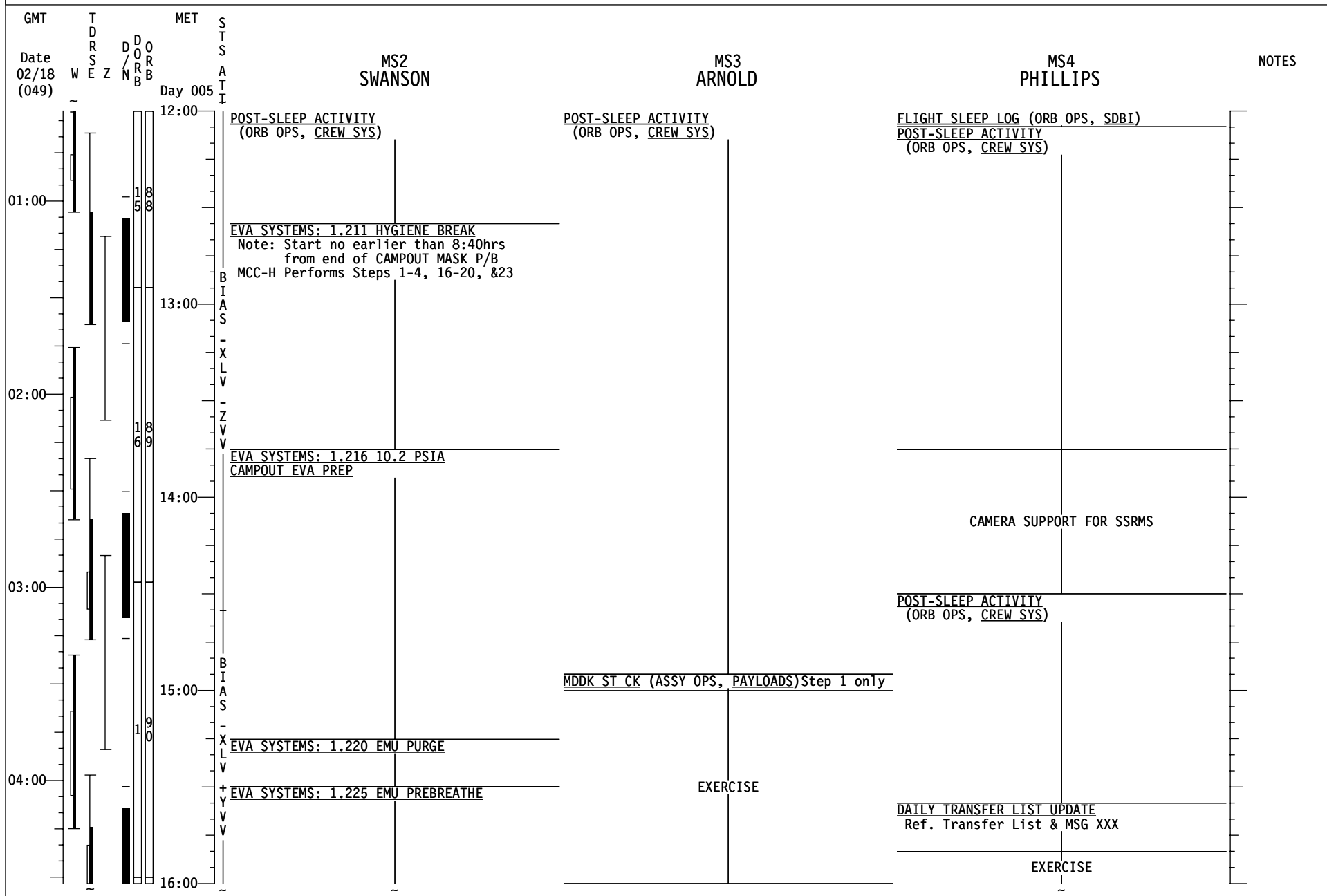
STS-119 FD (07)



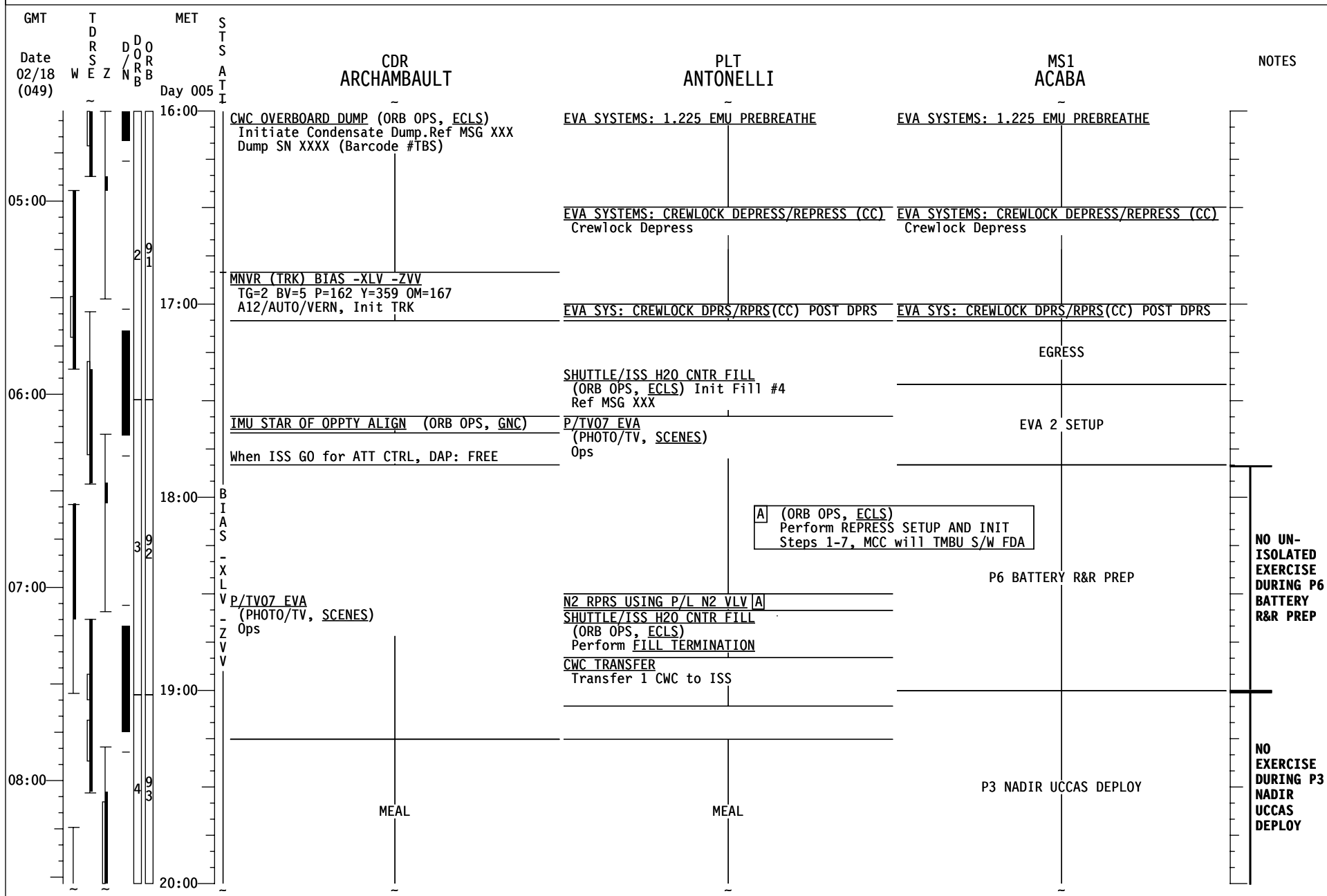
[A] When ISS is Free Drift, DAP: LVLH,
When rates < 0.1, DAP: FREE>2 SEC,
then DAP: AUTO

UPDATE
H2O WASTE
DUMP QTY

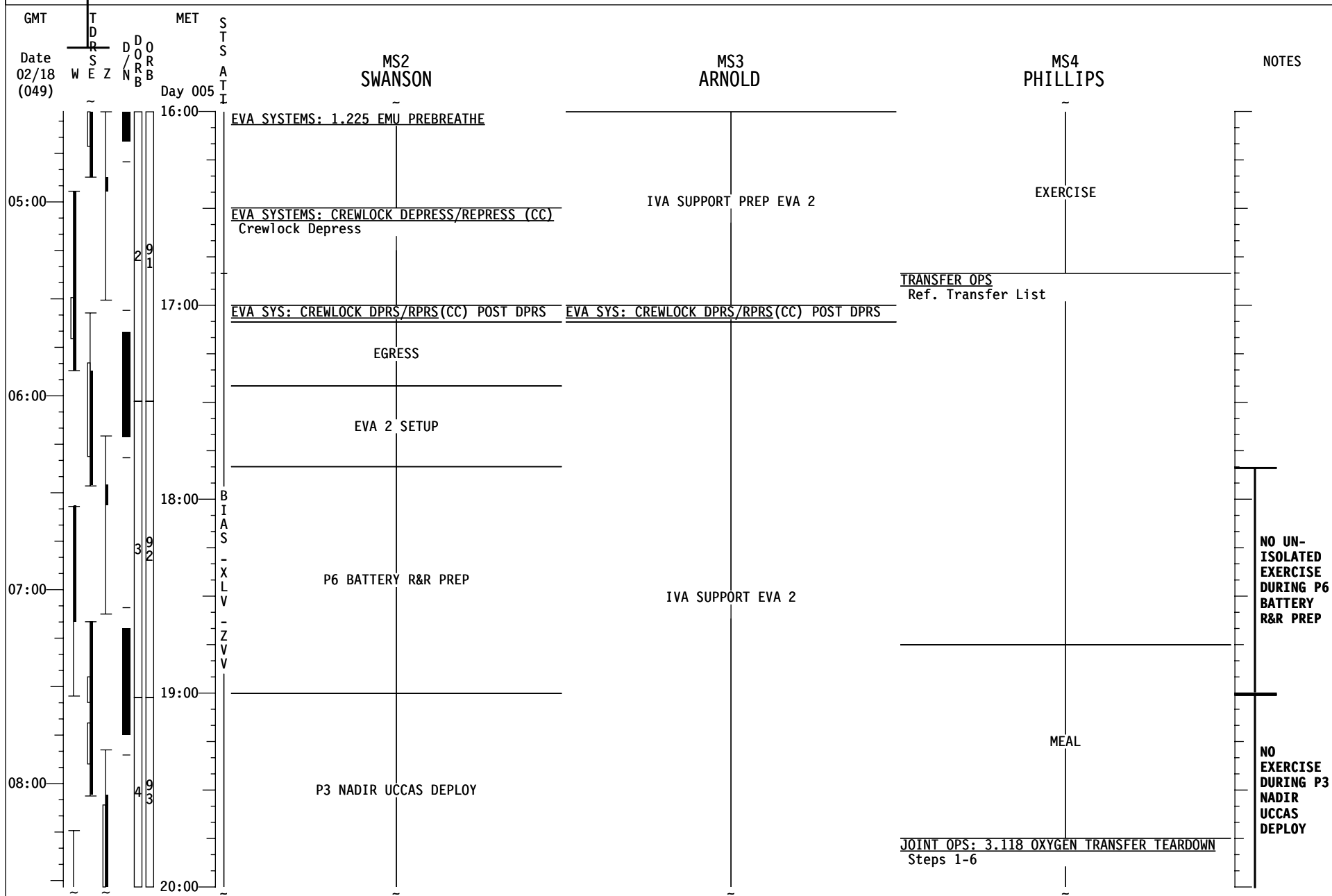
STS-119 FD (07)



STS-119 FD (07)



STS-119 FD (07)



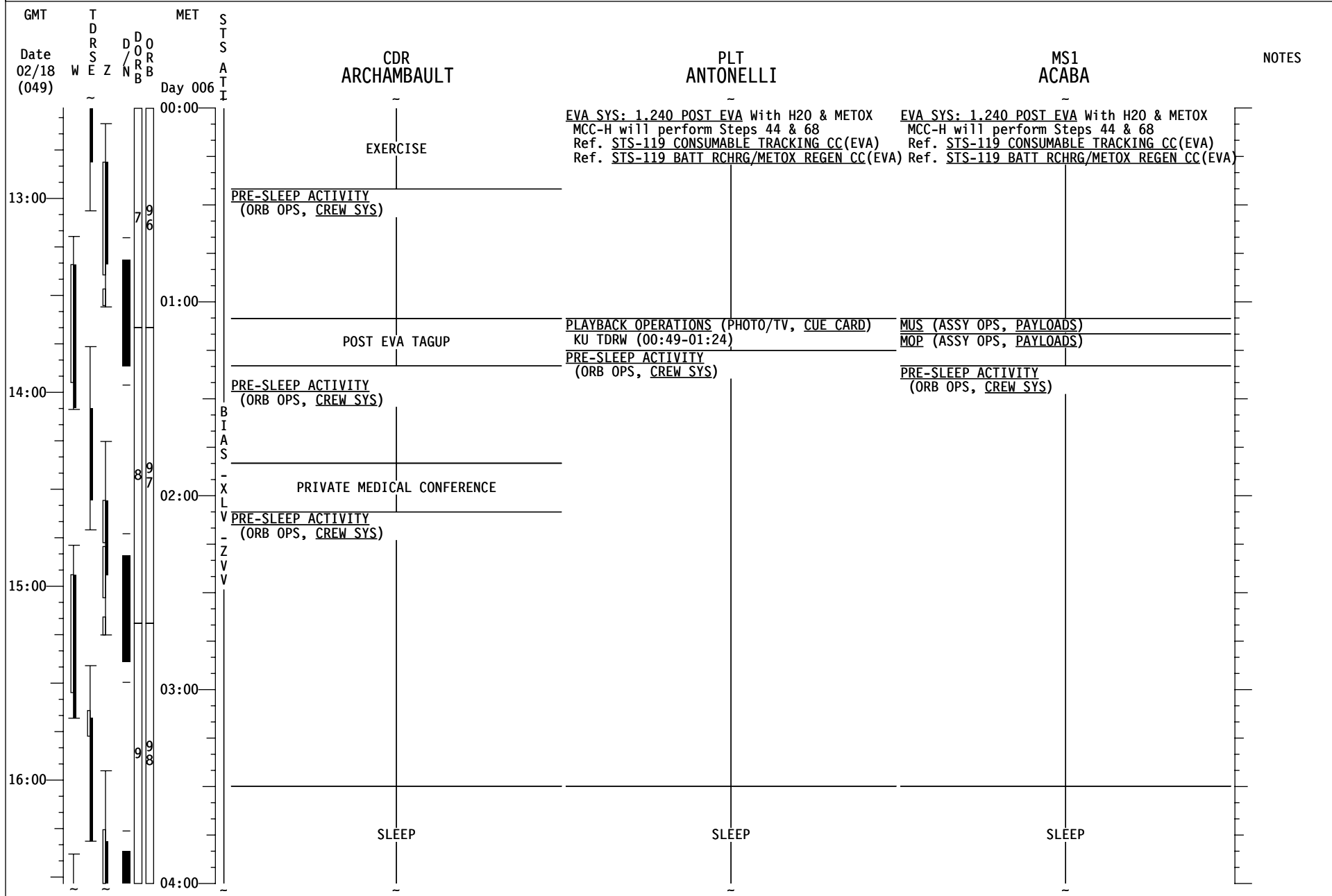
STS-119 FD (07)

| GMT | T D R S E Z | MET | S T S | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|------------------|-------------|---------|-------|--|--|--|--|
| Date 02/18 (049) | W E Z | Day 005 | A T I | | | | |
| | D O R B | | | MEAL | MEAL | P3 NADIR UCCAS DEPLOY | |
| 09:00 | 4 3 | | | P/TV07 EVA (PHOTO/TV, SCENES) Ops | | P1/P3 FLUID JUMPER | |
| | | | | | EXERCISE | | |
| | | | | | | P1 FHRC P-CLAMPS | |
| 10:00 | 5 4 | | | | SHUTTLE/ISS H2O CNTR FILL (ORB OPS, ECLS) Init Fill #5 Ref MSG XXX | | |
| | | | | | N2 REPRESS USING P/L N2 VALVES (ORB OPS, ECLS) Perform REPRESS TERM AND RECONFIG Steps 8-13, MCC will TMBU S/W FDA | | |
| | | | | | | S3 OUTBOARD/ZENITH PAS DEPLOY | NO EXERCISE DURING S3 OUTBOARD/ZENITH PAS DEPLOY |
| | | | | | | | |
| 11:00 | 6 5 | | | | SHUTTLE/ISS H2O CNTR FILL (ORB OPS, ECLS) Perform FILL TERMINATION | APFR RETRIEVE | |
| | | | | | CWC TRANSFER Transfer 1 CWC to ISS | | |
| | | | | | MOP (ASSY OPS, PAYLOADS) | CLEANUP AND A/L INGRESS | |
| 12:00 | 7 6 | | | SAW DEPLOY VIEWING (PDRS, VIEWING SUPPORT) Steps 1-2 | SAW DEPLOY VIEWING (PDRS, VIEWING SUPPORT) Steps 1-2 | EVA SYSTEMS: PRE REPRESS (CC) | |
| | | | | | | EVA SYSTEMS: CREWLOCK DEPRESS/REPRESS (CC) | |
| | | | | EXERCISE | EVA SYSTEMS: CREWLOCK DEPRESS/REPRESS (CC) Crewlock Repress | EVA SYSTEMS: CREWLOCK DEPRESS/REPRESS (CC) Crewlock Repress | UPLINK β21 Only Box 40,60 |
| | | | | | EVA SYS: 1.240 POST EVA With H2O & METOX MCC-H will perform Steps 44 & 68 Ref. STS-119 CONSUMABLE TRACKING CC(EVA) Ref. STS-119 BATT RCHRG/METOX REGEN CC(EVA) | EVA SYS: 1.240 POST EVA With H2O & METOX MCC-H will perform Steps 44 & 68 Ref. STS-119 CONSUMABLE TRACKING CC(EVA) Ref. STS-119 BATT RCHRG/METOX REGEN CC(EVA) | |
| 00:00 | | | | | | | |

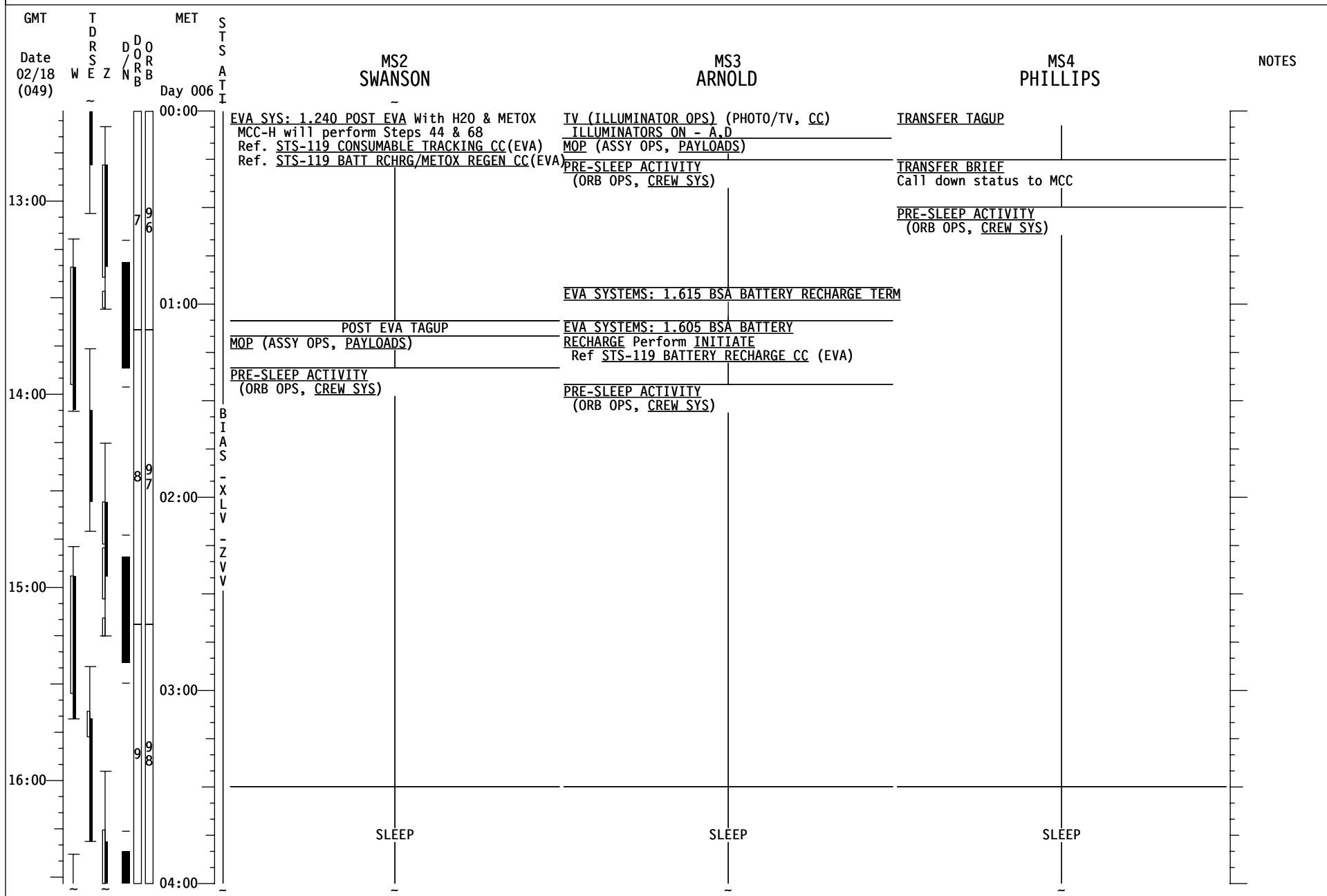
STS-119 FD (07)

| GMT | T D R S E Z | D O R B | MET | S T S | M S 2 | M S 3 | M S 4 | NOTES |
|------------------|-------------|---------|---------|-------|--|--|----------|---|
| Date 02/18 (049) | W | N | Day 005 | A T I | SWANSON | ARNOLD | PHILLIPS | |
| 20:00 | | 93 | | | P3 NADIR UCCAS DEPLOY | | | <u>JOINT OPS: 3.118 OXYGEN TRANSFER TEARDOWN</u> Steps 1-6 |
| 09:00 | | 43 | | | P1 RBVM MLI | | | <u>TRANSFER OPS</u> Ref. Transfer List |
| | | | | | P1 FHRC P-CLAMPS | | | |
| 10:00 | | 54 | | | | | | |
| | | | | | S3 OUTBOARD/ZENITH PAS | IVA SUPPORT EVA 2 | | NO EXERCISE DURING S3 OUTBOARD/ZENITH PAS DEPLOY |
| 22:00 | | | | | | | | <u>ROBO: 2.300 SSRMS MNVR TO SAW DPLY VIEW</u> |
| 11:00 | | | | | TOOL STANCHION RELOCATE | | | |
| | | | | | CLEANUP AND A/L INGRESS | | | |
| 23:00 | | 65 | | | | | | |
| 12:00 | | | | | <u>EVA SYSTEMS: PRE REPRESS (CC)</u> | <u>EVA SYSTEMS: PRE REPRESS (CC)</u> | | |
| | | | | | <u>EVA SYSTEMS: CREWLOCK DEPRESS/REPRESS (CC)</u> Crewlock Repress | | | |
| | | | | | <u>EVA SYS: 1.240 POST EVA With H2O & METOX</u> MCC-H will perform Steps 44 & 68 Ref. <u>STS-119 CONSUMABLE TRACKING CC(EVA)</u> | <u>TV (ILLUMINATOR OPS) (PHOTO/TV, CC)</u> Ref. <u>STS-119 BATT RCHRG/METOX REGEN CC(EVA)</u> | | <u>MDDK ST CK (ASSY OPS, PL) Step 1 only</u> <u>MUS (ASSY OPS, PAYLOADS)</u> |
| 00:00 | | 76 | | | | | | |

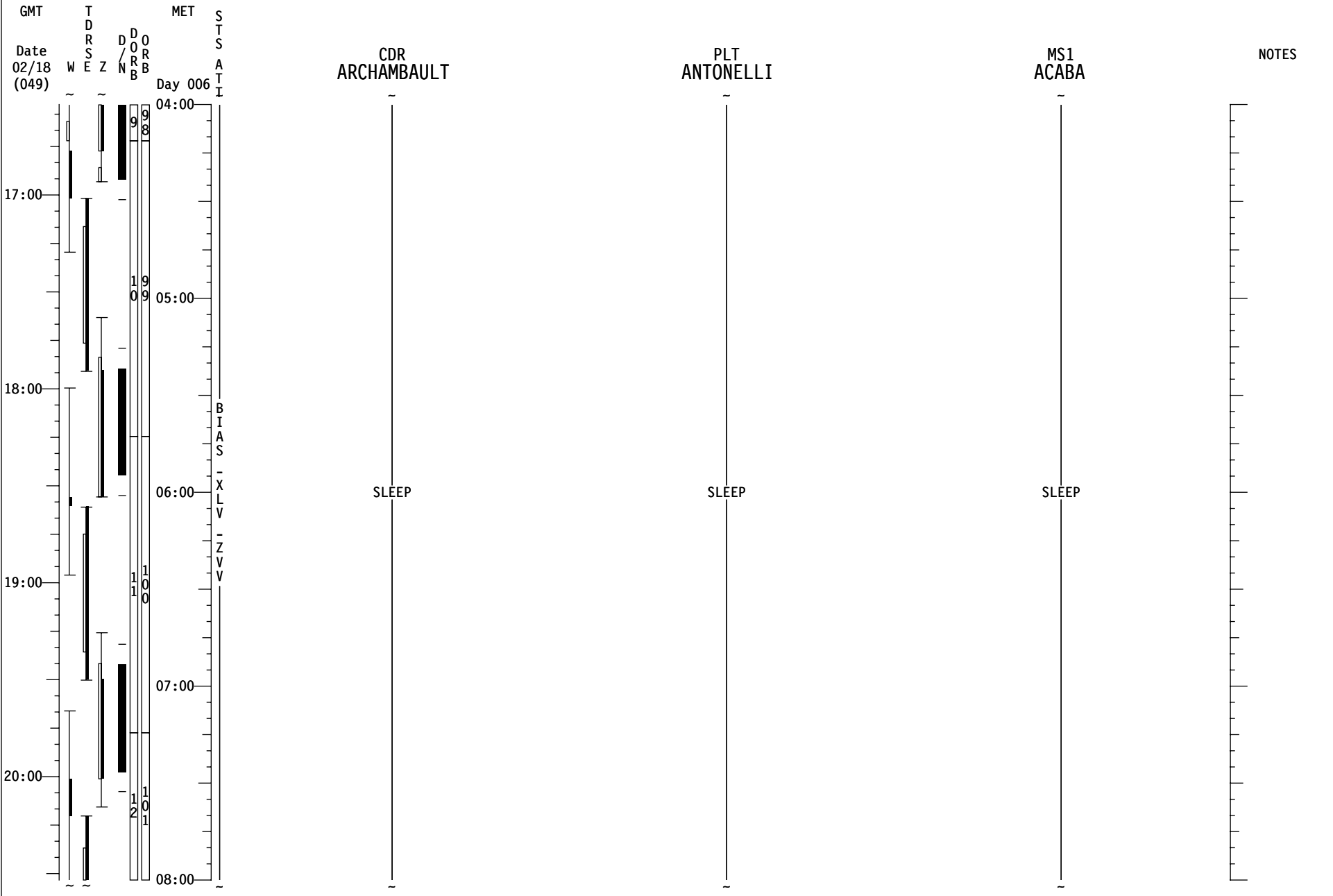
STS-119 FD (07)



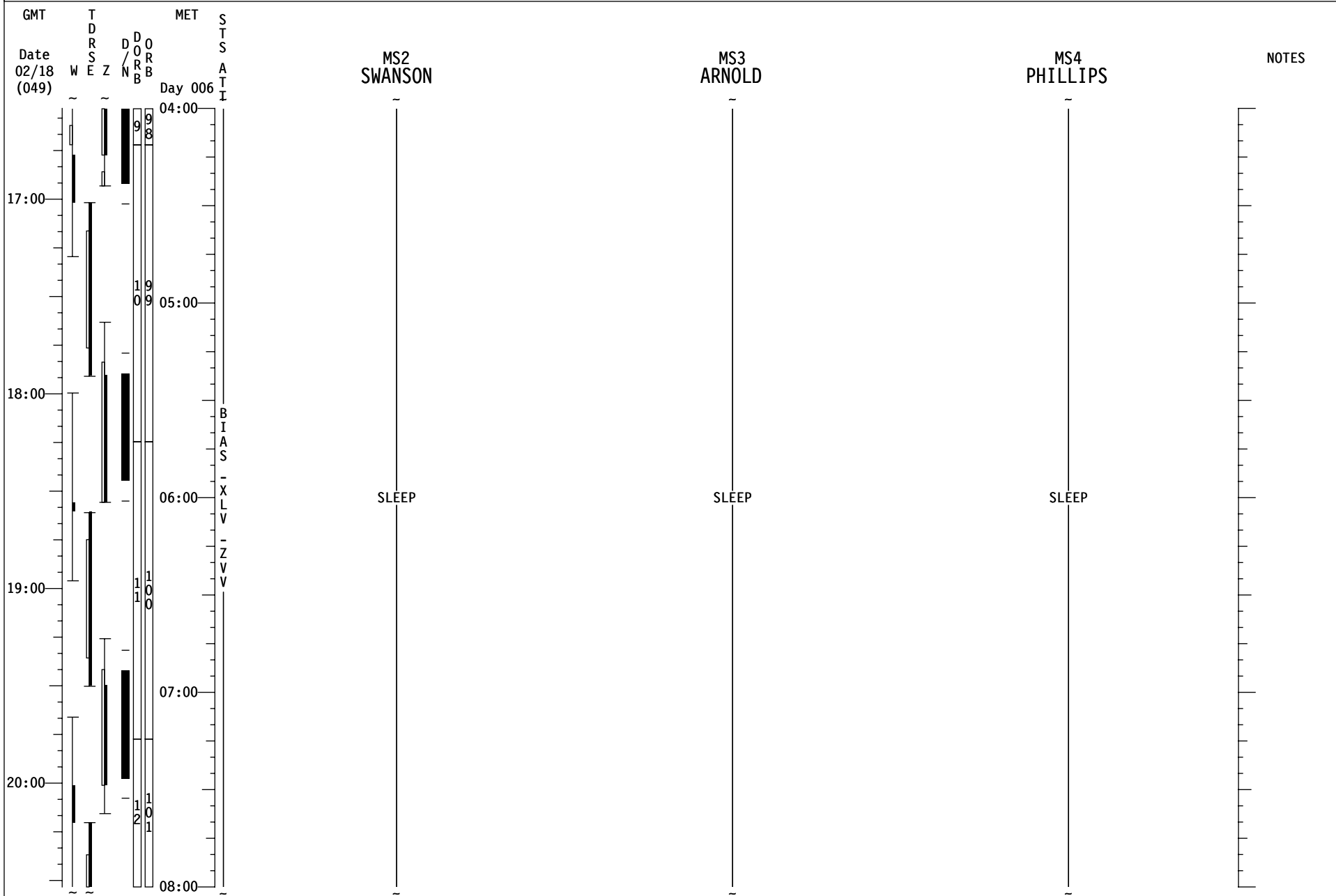
STS-119 FD (07)



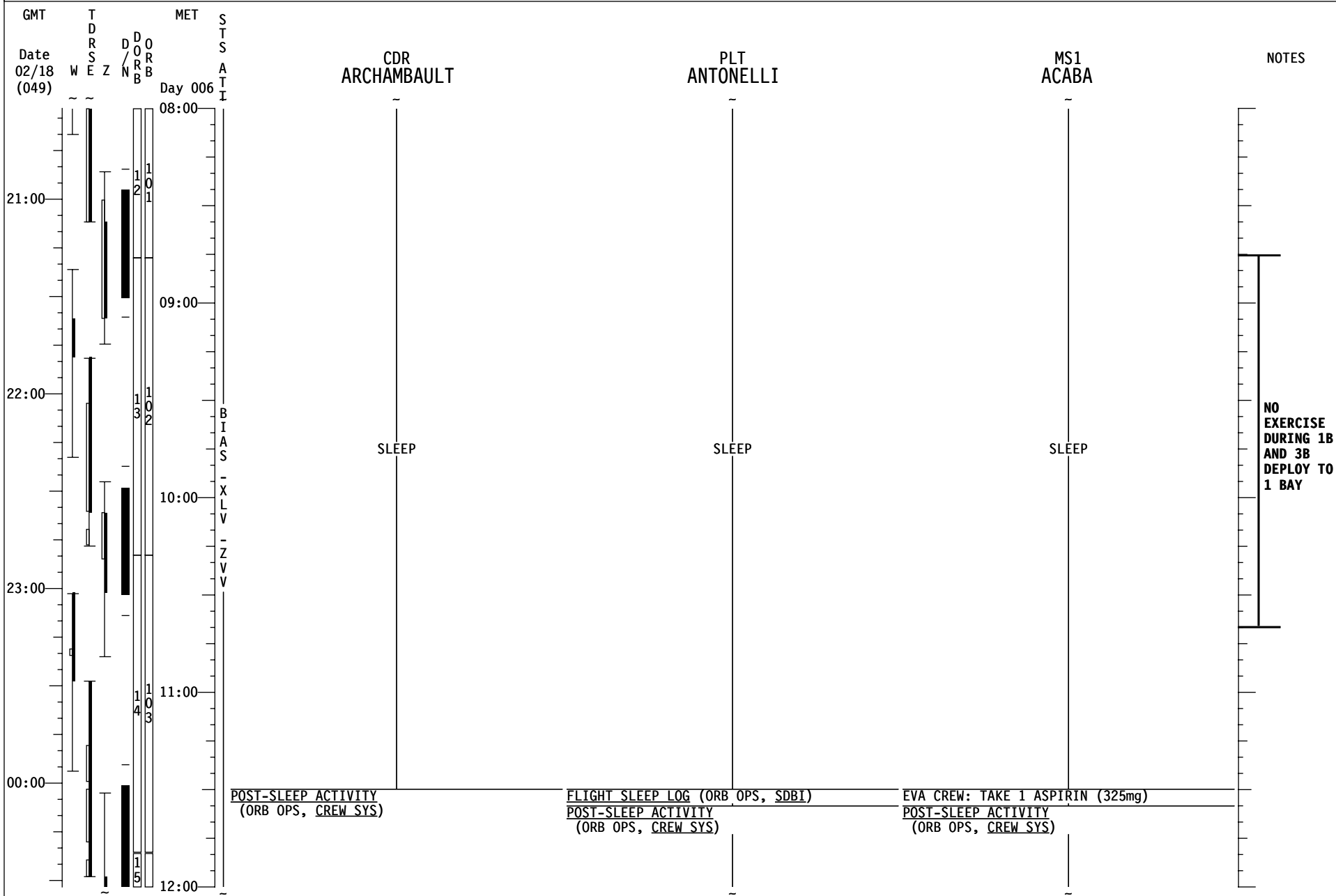
STS-119 FD (07)



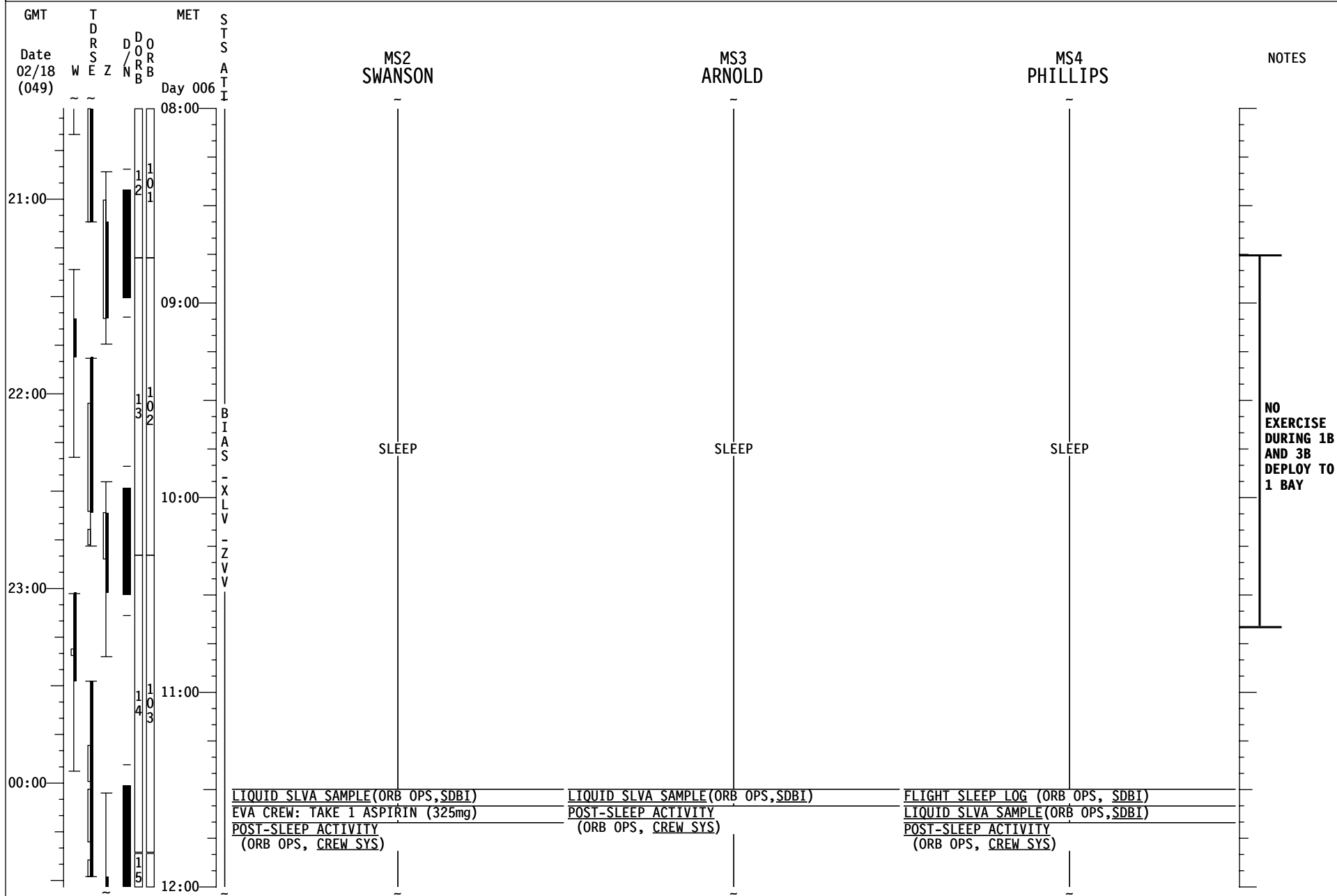
STS-119 FD (07)



STS-119 FD (07)



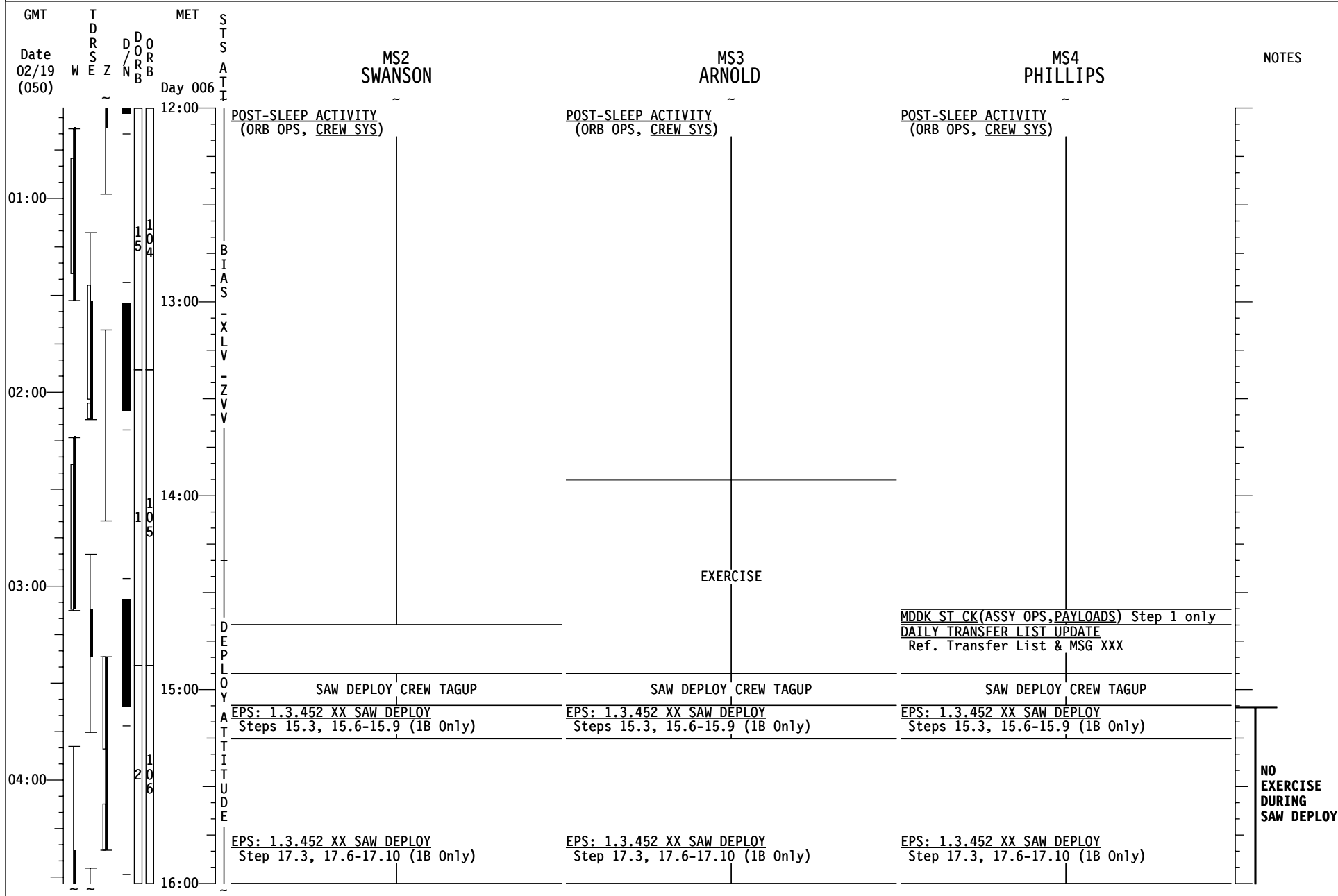
STS-119 FD (07)



STS-119 FD (08)

| GMT | TDRSEZ Date 02/19 (050) | MET Day 006 | STS A T I | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|-------|----------------------------|----------------|--------------------|--|--|--|-------------------------------|
| 12:00 | | | | POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) | POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) | POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) | |
| 01:00 | | | | FD08 EZ ACTIVITIES: √OCAC FILTER TEPC (STATUS CHECK) (ORB OPS, CREW SYS) HARD REBOOT ALL PGSCs EXCEPT: STS-6(WLES) & STS-5(RPOP2) | | | |
| 02:00 | | | | | | | |
| 13:00 | | | | | | | |
| 14:00 | | | | √A12/FREE/VERN When ISS is Free Drift, DAP: LVLH, When rates < 0.1, DAP: FREE>2 SEC, then DAP: AUTO MNVR TO 1B DEPLOY R=219 P=336 Y=343 A12/AUTO/VERN, Init MNVR | | EXERCISE | |
| 03:00 | | | | | TV (ILLUMINATOR OPS) (PHOTO/TV, CC) ILLUMINATORS OFF - ALL | POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) | |
| 15:00 | | | | IMU STAR OF OPPTY ALIGN (ORB OPS, GNC) SAW DEPLOY CREW TAGUP EPS: 1.3.452 XX SAW DEPLOY Steps 15.3, 15.6-15.9 (1B Only) | SAW DEPLOY CREW TAGUP EPS: 1.3.452 XX SAW DEPLOY Steps 15.3, 15.6-15.9 (1B Only) | SAW DEPLOY CREW TAGUP EPS: 1.3.452 XX SAW DEPLOY Steps 15.3, 15.6-15.9 (1B Only) | |
| 04:00 | | | | EPS: 1.3.452 XX SAW DEPLOY Step 17.3, 17.6-17.10 (1B Only) | EPS: 1.3.452 XX SAW DEPLOY Step 17.3, 17.6-17.10 (1B Only) | EPS: 1.3.452 XX SAW DEPLOY Step 17.3, 17.6-17.10 (1B Only) | NO EXERCISE DURING SAW DEPLOY |
| 16:00 | | | | | | | |

STS-119 FD (08)



STS-119 FD (08)

| GMT | TDRSZ | MET | STS | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|------------------|-------|---------|--------------|--|--|---|---|
| Date 02/19 (050) | W E Z | Day 006 | STSAATTI | | | | |
| 05:00 | | 16:00 | DEPLOY | | L17 Check MCIU filter screen <u>SAW DEPLOY VIEWING</u> (PDRS, VIEWING SUPPORT) Step 3 | <u>SAW DEPLOY VIEWING</u> (PDRS, VIEWING SUPPORT) Step 3 | NO EXERCISE DURING SAW DEPLOY |
| | | | | <u>EPS: 1.3.452 XX SAW DEPLOY</u> A Steps 15.3, 15.7 & 15.9 (3B Only) When ISS GO for ATT CTRL, DAP: FREE | <u>EPS: 1.3.452 XX SAW DEPLOY</u> Steps 15.3, 15.7 & 15.9 (3B Only) | <u>EPS: 1.3.452 XX SAW DEPLOY</u> Steps 15.3, 15.7 & 15.9 (3B Only) | |
| | | | | | | | |
| 06:00 | | 17:00 | ITUDE | <u>EPS: 1.3.452 XX SAW DEPLOY</u> Step 17.3, 17.7, & 17.10 (3B Only) | <u>EPS: 1.3.452 XX SAW DEPLOY</u> Step 17.3, 17.7, & 17.10 (3B Only) | <u>EPS: 1.3.452 XX SAW DEPLOY</u> Step 17.3, 17.7, & 17.10 (3B Only) | |
| | | | | | | <u>EMU SWAP FOR EVA 3</u> (EVA, AIRLOCK CONFIG) | <u>UPLINK</u> β21 Only Box 40,60,59 |
| 07:00 | | 18:00 | BIAS | <u>UPDATE UNIV PTG (POST SAW DEPLOY ATT)</u> MNVR (TRK) BIAS -XLV -ZVV TG=2 BV=5 P=162 Y=359 OM=167 A12/FREE/VERN, Init TRK | <u>SHUTTLE/ISS H2O CNTR FILL</u> (ORB OPS, ECLS) Init Fill #6 Ref MSG XXX | | |
| | | | | MEAL | MEAL | MEAL | |
| 08:00 | | 19:00 | -XLV -ZVV | | | <u>EVA SYSTEMS: 1.305 EQUIPMENT LOCK PREP</u> | |
| | | | | | <u>SHUTTLE/ISS H2O CNTR FILL</u> (ORB OPS, ECLS) Perform <u>FILL TERMINATION</u> | | |
| | | | | | <u>CWC TRANSFER</u> Transfer 1 CWC to ISS | | |
| | | 20:00 | | | | <u>EVA TOOL CONFIG</u> (EVA, TIMELINES) | |

STS-119 FD (08)

| GMT | TDRS W E Z | MET Day 006 | S A T I | MS2 SWANSON | MS3 ARNOLD | MS4 PHILLIPS | NOTES |
|------------------------|---------------------------------|----------------|--------------------------------------|---|--|--|--|
| Date 02/19 (050) | D O R B 1 0 6 | 16:00 | D E P L O Y | EVA SYS: 1.605 BSA BATTERY RECHARGE (TERM) | EVA SYSTEMS: 1.510 METOX REGENERATION Perform TERM | | NO EXERCISE DURING SAW DEPLOY |
| | | | | EVA SYSTEMS: 1.605 BSA BATTERY RECHARGE Perform INITIATE Ref STS-119 BATTERY RECHARGE CC (EVA) | EVA SYSTEMS: 1.515 EMU METOX/LIOH/BATTERY REPLACEMENT Install METOX Canisters/Batteries Ref STS-119 CONSUMABLES TRACKING CC (EVA) | | |
| 05:00 | 2 0 6 | 17:00 | A T T I T U D E | EPS: 1.3.452 XX SAW DEPLOY Steps 15.3, 15.7 & 15.9 (3B Only) | EPS: 1.3.452 XX SAW DEPLOY Steps 15.3, 15.7 & 15.9 (3B Only) | EPS: 1.3.452 XX SAW DEPLOY Steps 15.3, 15.7 & 15.9 (3B Only) | |
| | | | | 06:00 | 3 0 7 | EPS: 1.3.452 XX SAW DEPLOY Step 17.3, 17.7, & 17.10 (3B Only) | |
| 07:00 | 4 0 8 | 18:00 | B I A S - X L V | MEAL | MEAL | | |
| | | | | 08:00 | 5 0 9 | TRANSFER OPS Ref. Transfer List | |
| 19:00 | Z V V | 19:00 | Z V V | | | MEAL | |
| | | | | 20:00 | 6 0 0 | | |
| | | | | | | TRANSFER OPS Ref. Transfer List | |

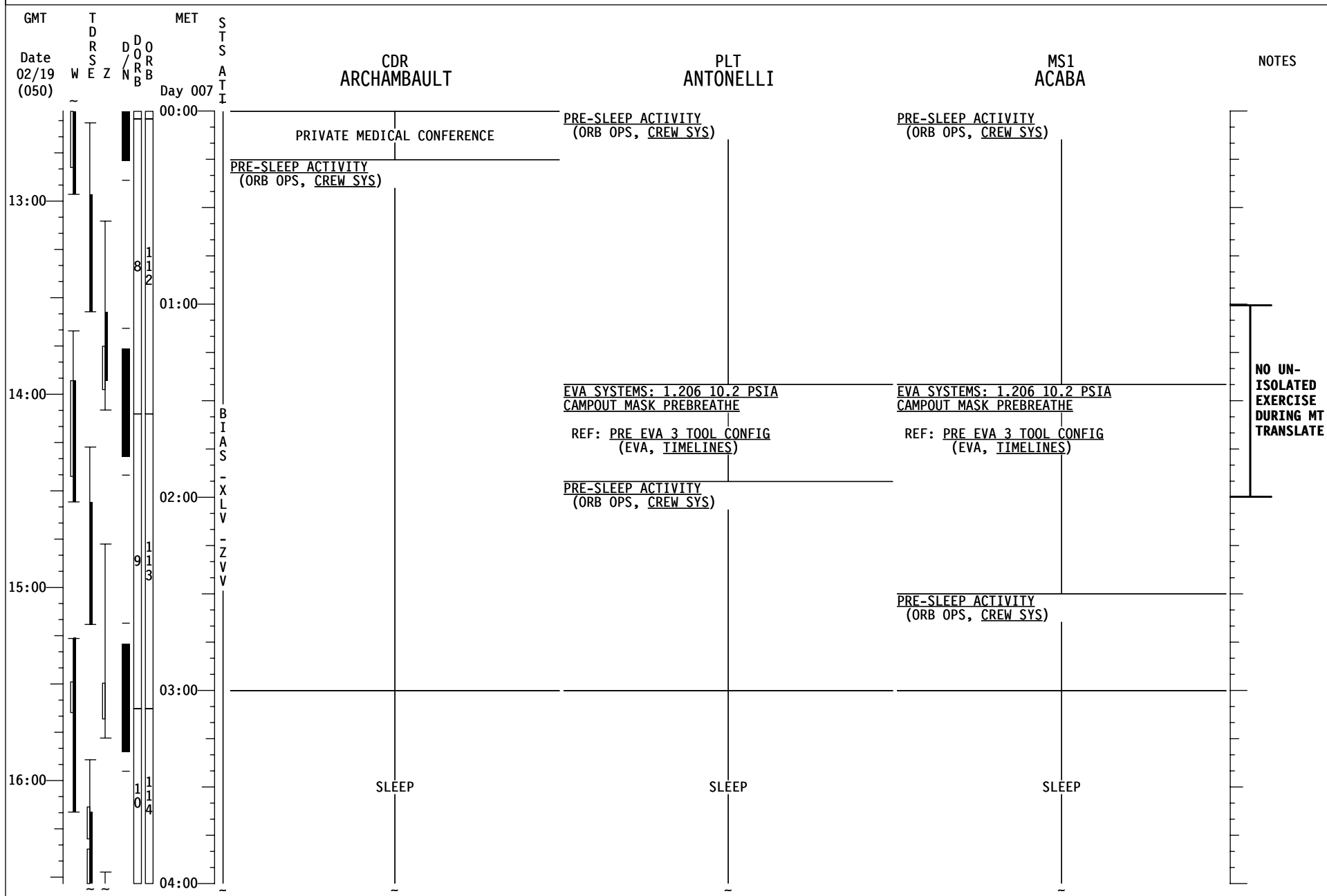
STS-119 FD (08)

| GMT | TDRS W E Z | MET Day 006 | S T S A T I | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|----------------|---------------|----------------|----------------------------|--|---|--|-------|
| 02/19 (050) | ~ ~ | Day 006 | | | | | |
| 09:00 | | | | <u>JOINT OPS: 3.103 NITROGEN TRANSFER TERM</u> | <u>WCS COMPACTOR OPS (DUAL-VANE)</u> (ORB OPS, CUE_CARD) | <u>EVA TOOL CONFIG</u> (EVA, TIMELINES) | |
| 10:00 | | | | <u>EXERCISE</u> | <u>EXERCISE</u> | <u>EVA TOOL AUDIT</u> (EVA, TIMELINES) | |
| 11:00 | | | | | <u>PUBLIC AFFAIRS EVENT</u> ISS KU AVAIL | <u>PUBLIC AFFAIRS EVENT</u> ISS KU AVAIL | |
| 12:00 | | | | <u>SAW DEPLOY VIEWING (PDRS, VIEWING SUPPORT)</u> Step 4 | <u>MOP (ASSY OPS, PAYLOADS)</u> Stow in SODF Locker <u>SAW DEPLOY VIEWING (PDRS, VIEWING SUPPORT)</u> Step 4 | <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS) | |
| 00:00 | | | | <u>EVA PROCEDURE REVIEW</u> Ref. <u>EVA 3 BRIEFING CARD</u> (EVA, TIMELINES) | <u>EVA PROCEDURE REVIEW</u> Ref. <u>EVA 3 BRIEFING CARD</u> (EVA, TIMELINES) | <u>EVA PROCEDURE REVIEW</u> Ref. <u>EVA 3 BRIEFING CARD</u> (EVA, TIMELINES) | |

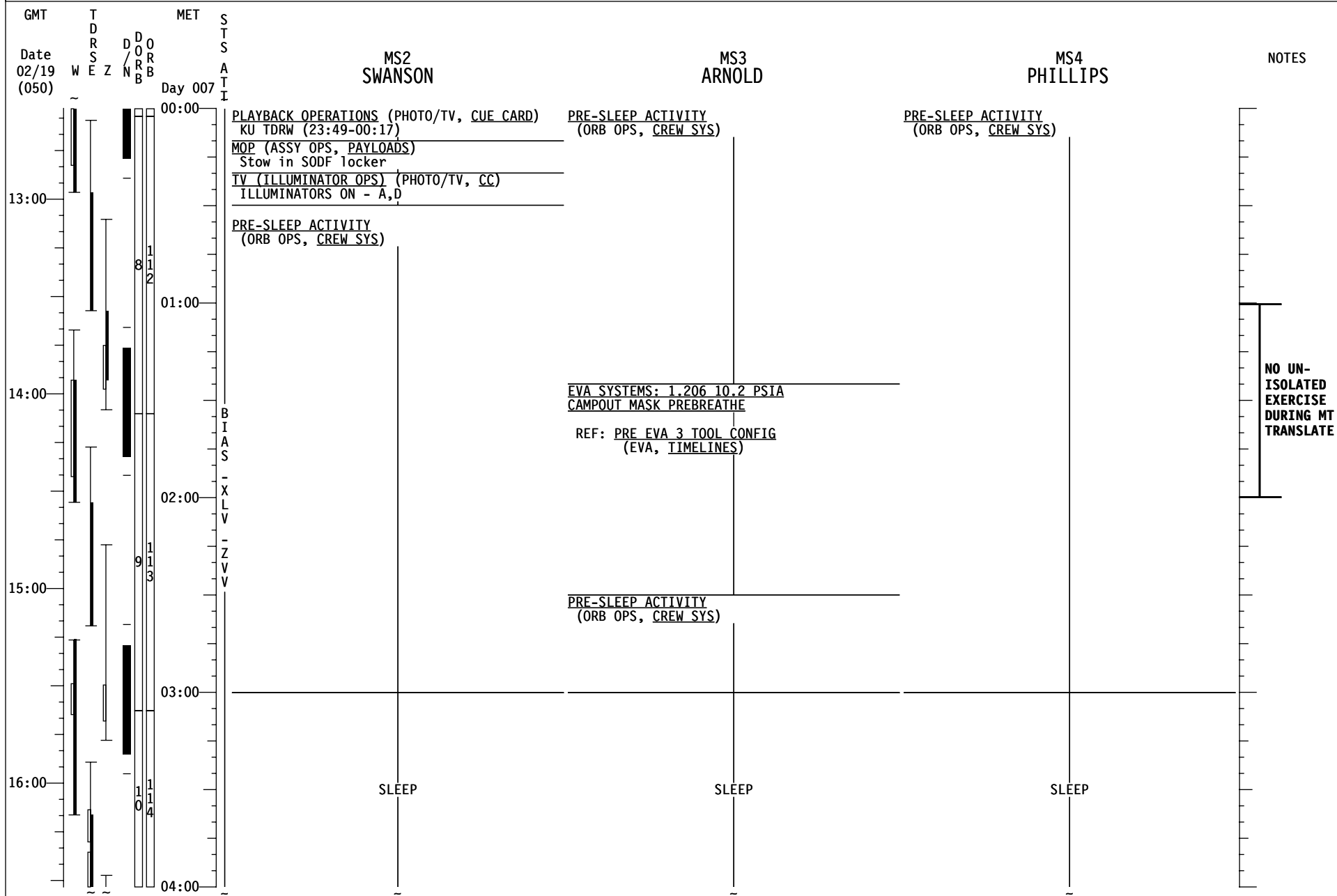
STS-119 FD (08)

| GMT | TDRS W E Z | MET Day 006 | S T S A T I | MS2 SWANSON | MS3 ARNOLD | MS4 PHILLIPS | NOTES |
|------------------|---------------|----------------|----------------------------|--|--|---|-------|
| Date 02/19 (050) | DORNB 509 | | | | | | |
| 09:00 | | | | <u>TRANSFER OPS</u> Ref. Transfer List | <u>EVA TOOL CONFIG</u> (EVA, <u>TIMELINES</u>) | <u>TRANSFER OPS</u> Ref. Transfer List | |
| | | | | <u>APER HEAT SHIELD REMOVAL</u> (EVA, <u>TOOLS AND STOWAGE</u>) | | <u>ROBO: 1.400 CONFIGURE SPDM FOR EVA 3</u> | |
| 10:00 | | | | <u>EVA TOOL AUDIT</u> (EVA, <u>TIMELINES</u>) | <u>EVA TOOL AUDIT</u> (EVA, <u>TIMELINES</u>) | | |
| | | | | | <u>MOP (ASSY OPS, PAYLOADS)</u> Stow in SODF Locker | | |
| 11:00 | | | | <u>EXERCISE</u> | <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, <u>CREW SYS</u>) | <u>PUBLIC AFFAIRS EVENT</u> ISS KU AVAIL | |
| | | | | | | <u>MDDK ST CK (ASSY OPS, PAYLOADS) Step 1 only</u> <u>TRANSFER TAGUP</u> Coordinate with transfer counterpart | |
| | | | | | | <u>TRANSFER BRIEF</u> Call down status to MCC | |
| 12:00 | | | | <u>EVA PROCEDURE REVIEW</u> Ref. <u>EVA 3 BRIEFING CARD</u> (EVA, <u>TIMELINES</u>) | <u>EVA PROCEDURE REVIEW</u> Ref. <u>EVA 3 BRIEFING CARD</u> (EVA, <u>TIMELINES</u>) | <u>EVA PROCEDURE REVIEW</u> Ref. <u>EVA 3 BRIEFING CARD</u> (EVA, <u>TIMELINES</u>) | |
| | | | | | | <u>MUS (ASSY OPS, PAYLOADS)</u> | |
| 00:00 | | | | | | | |

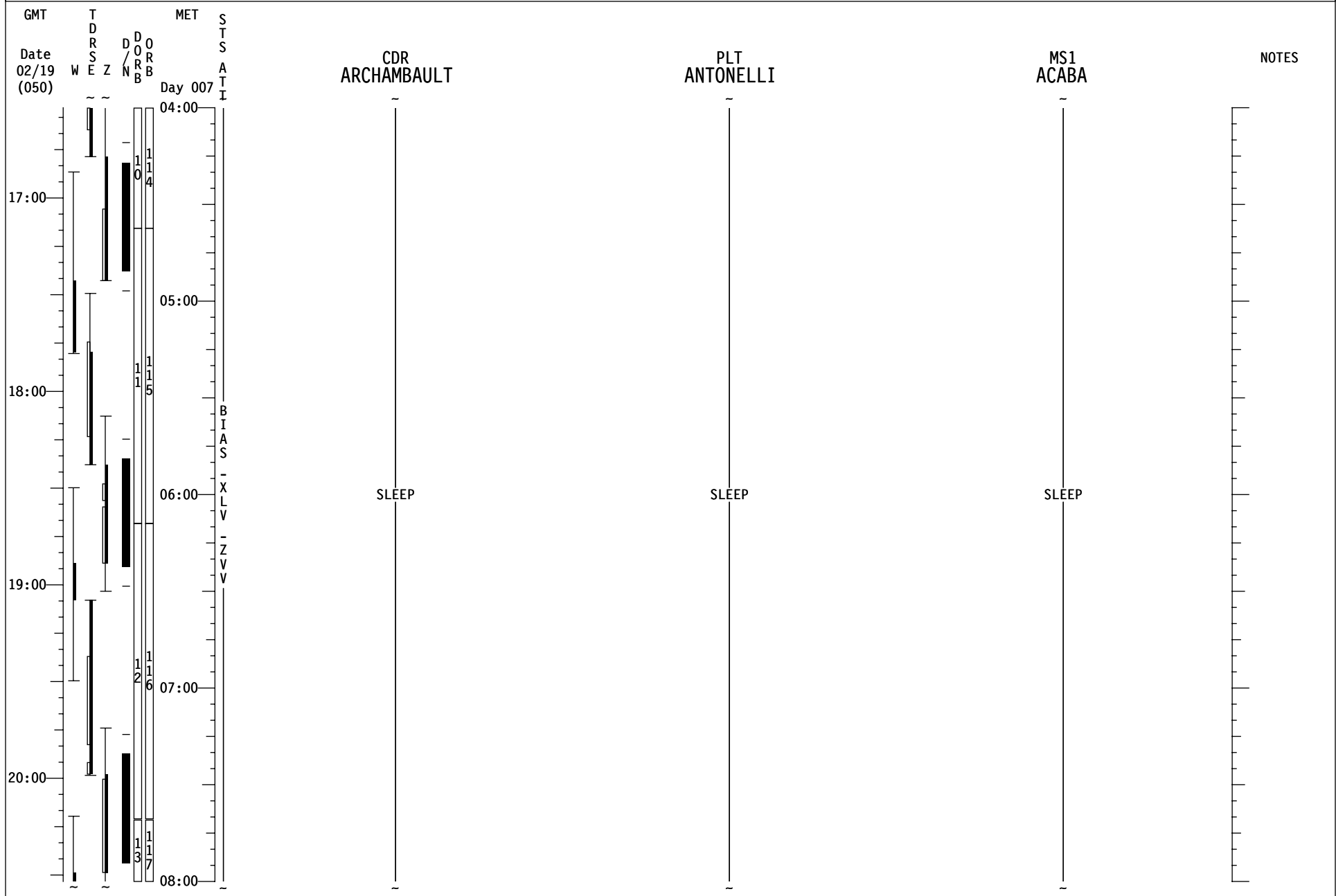
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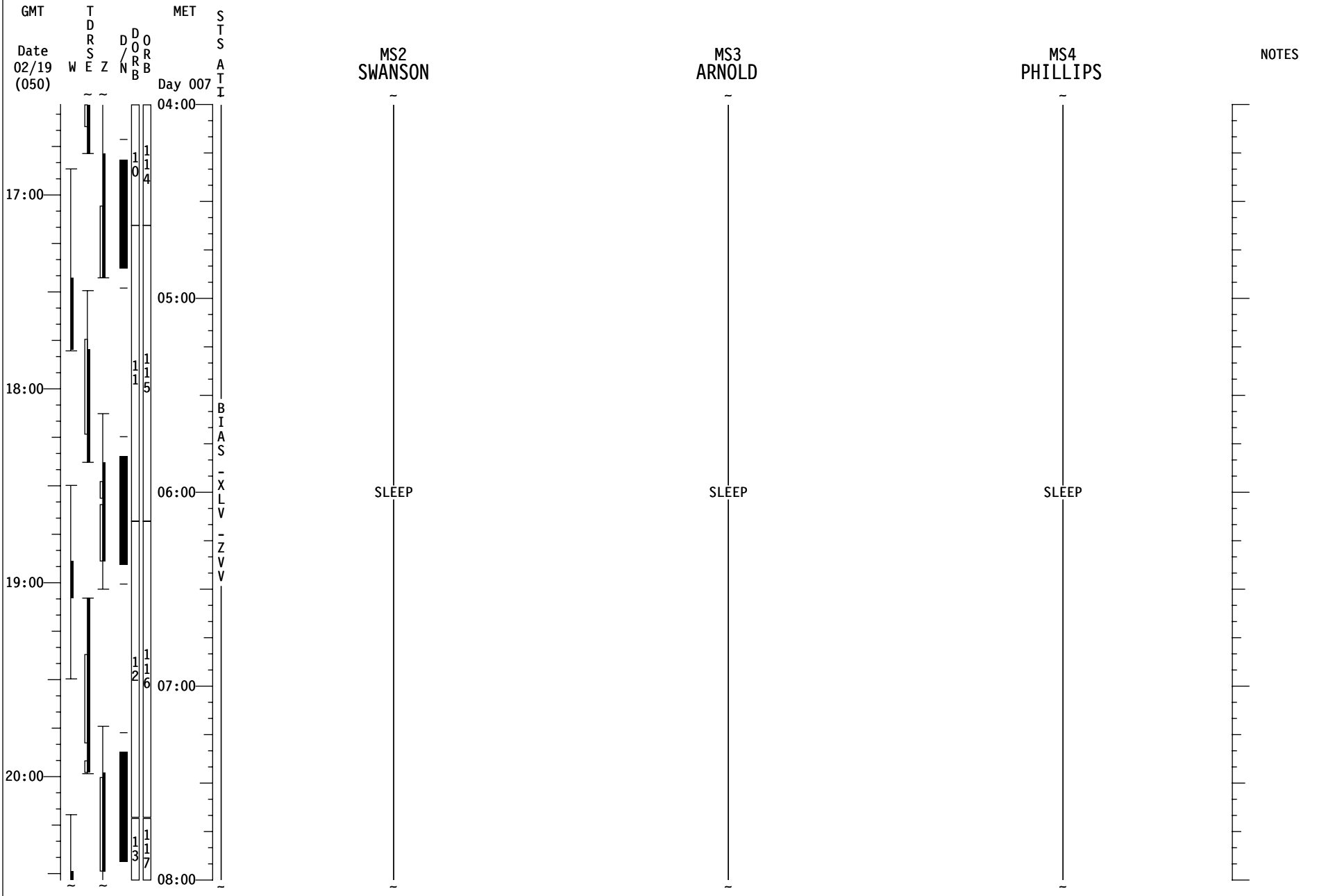
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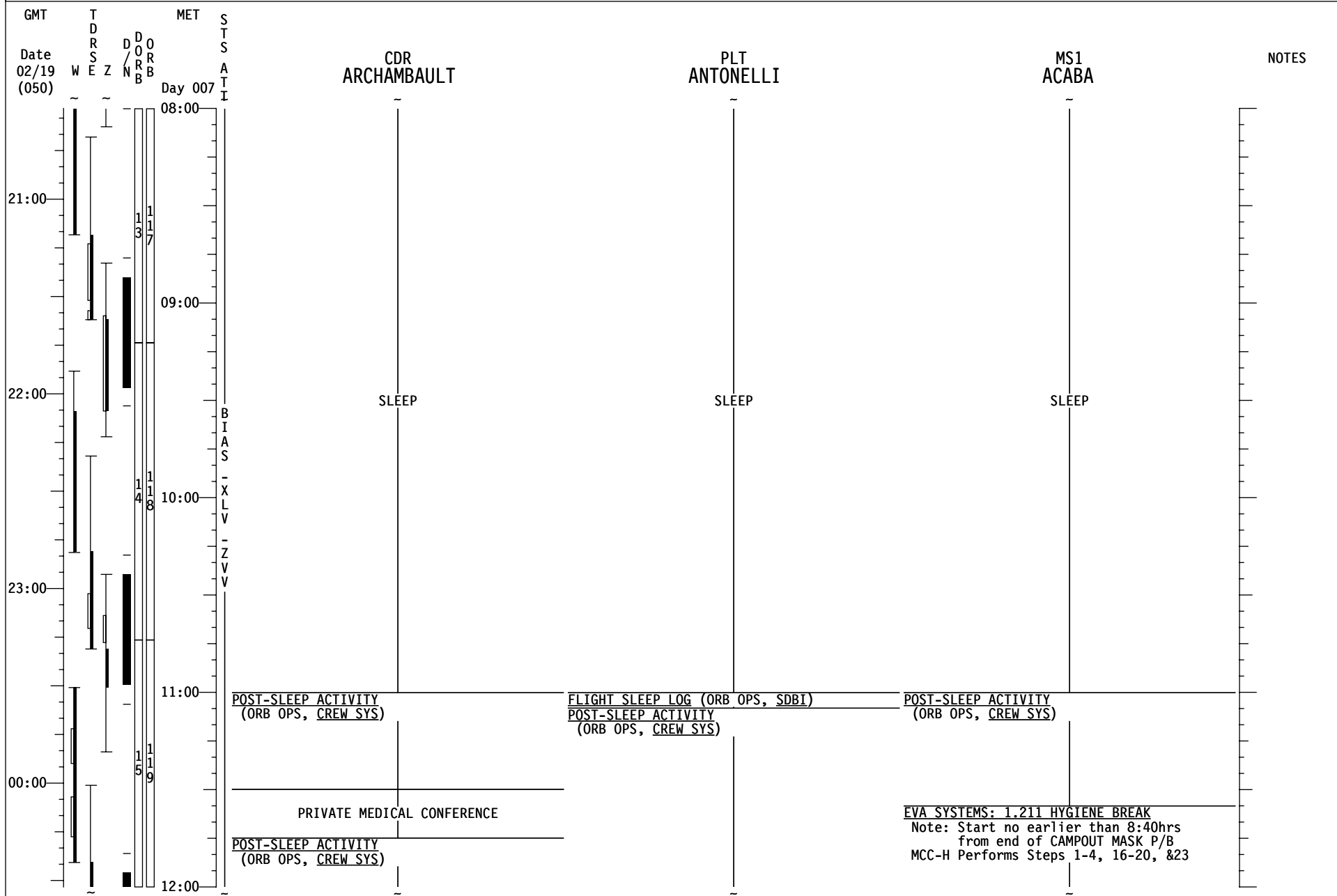
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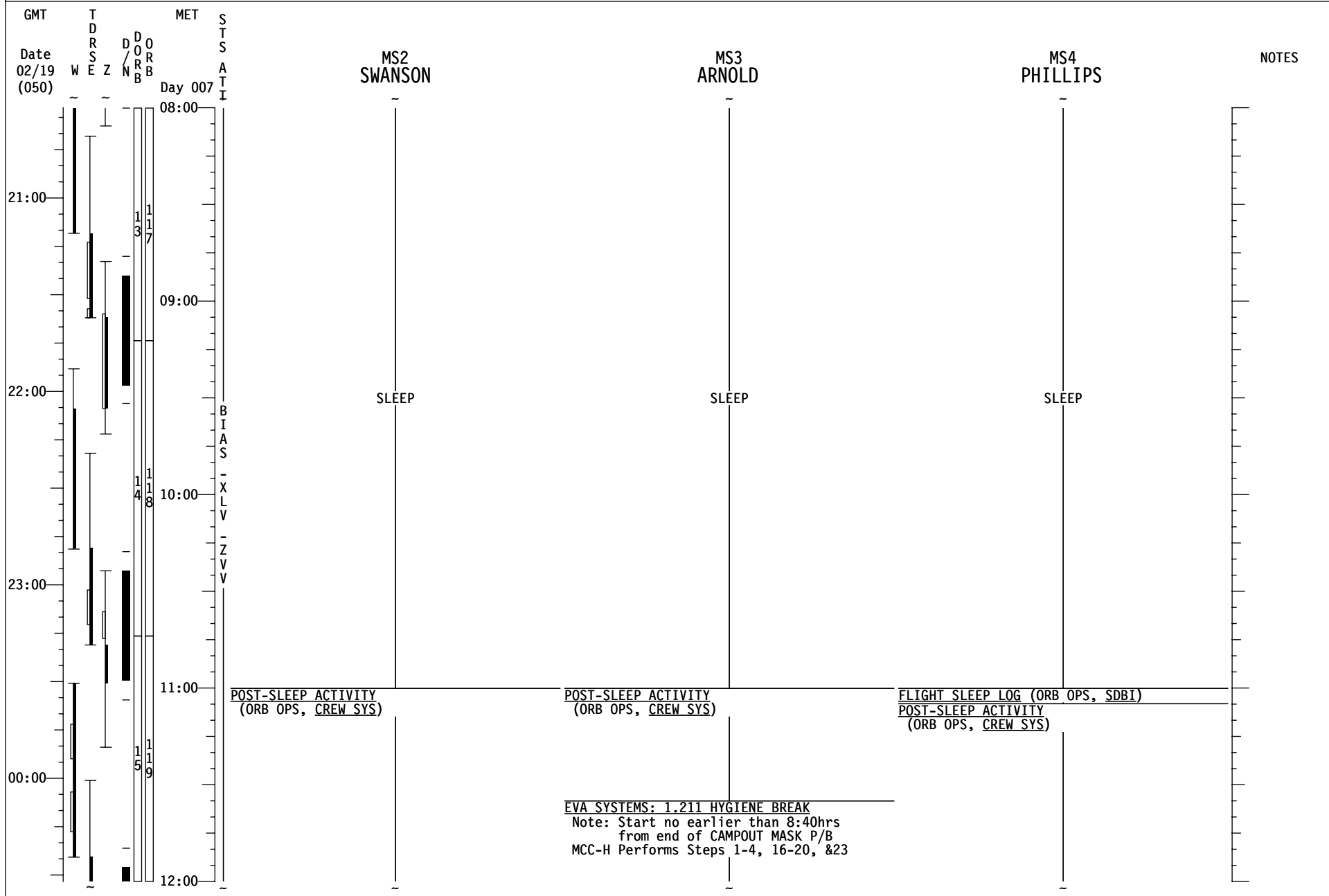
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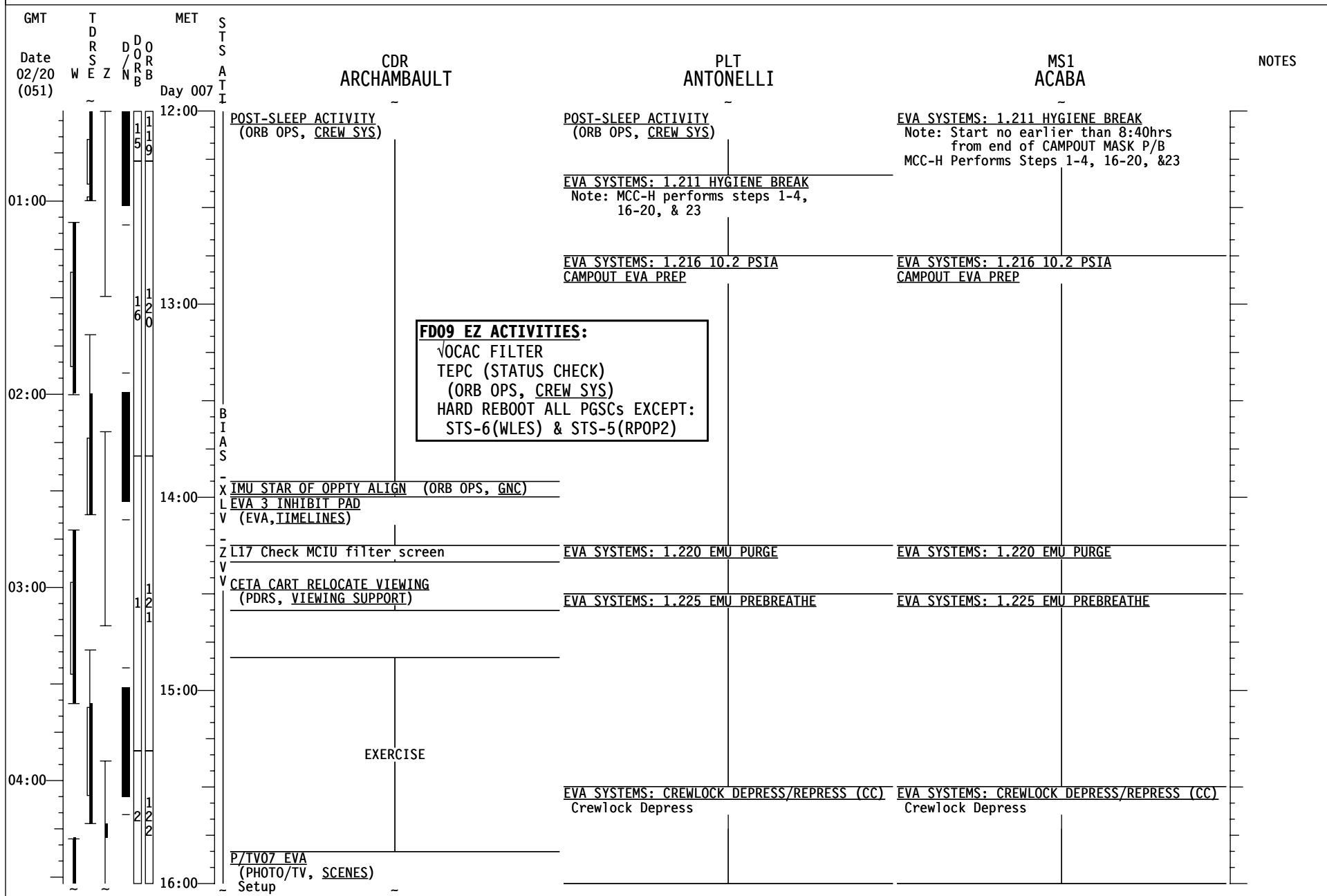
STS-119 FD (09)



STS-119 FD (09)



STS-119 FD (09)



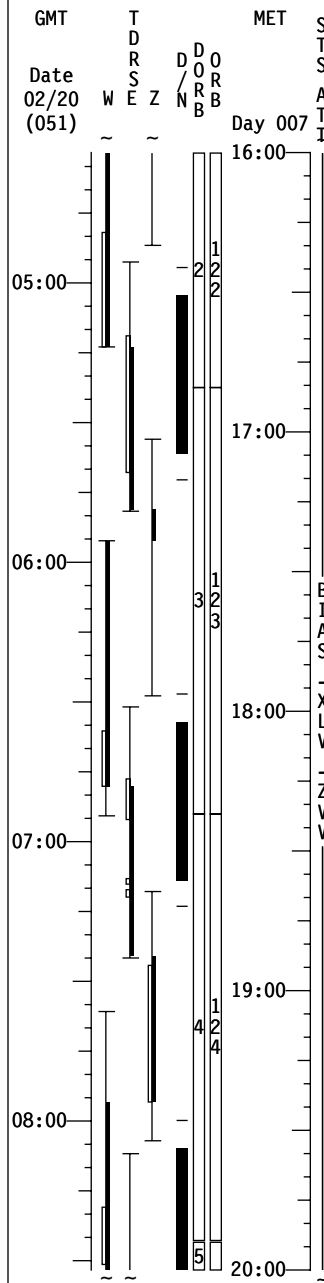
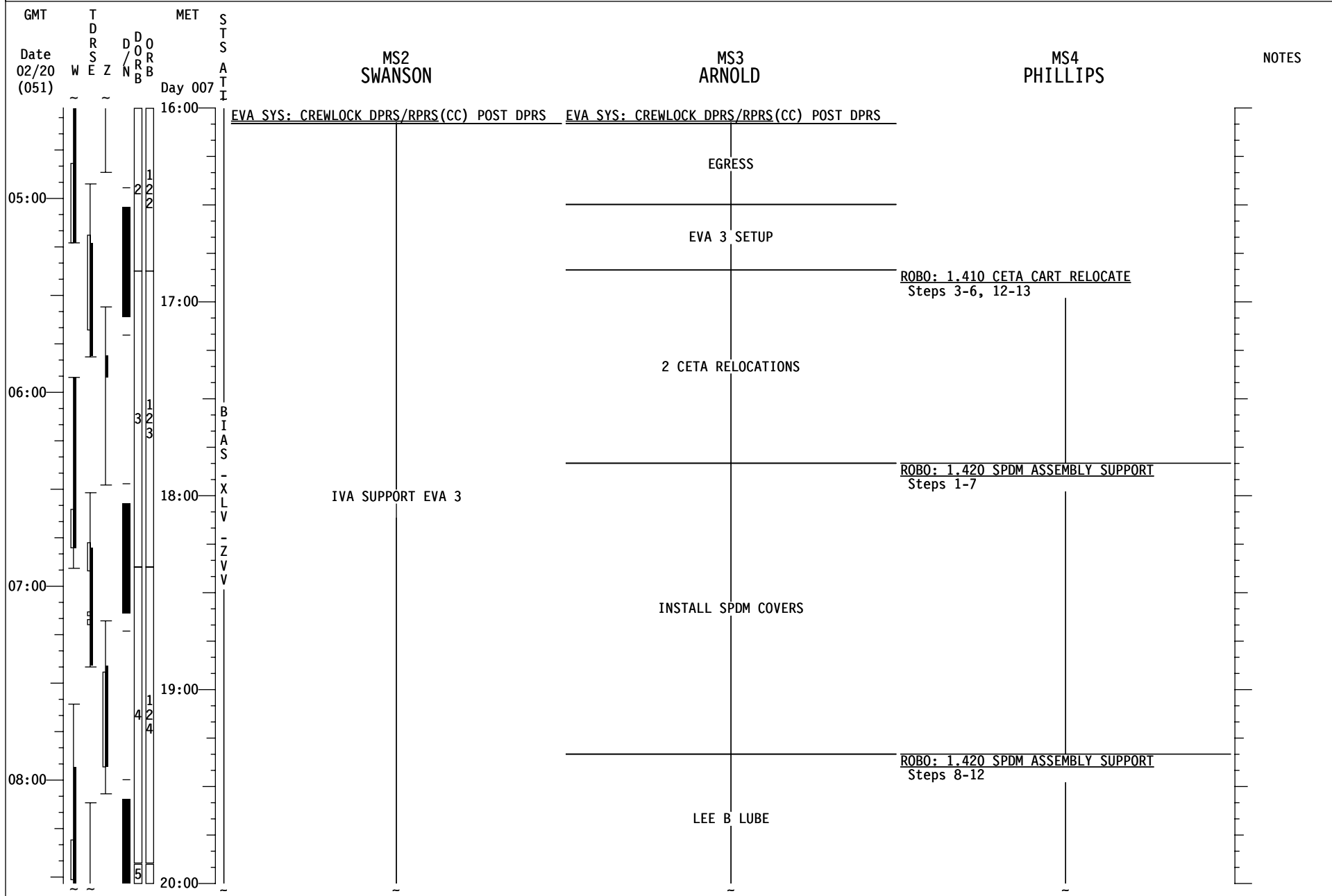
STS-119 FD (09)

| GMT | TDRS W E Z | MET Day 007 | S T S A T I | MS2 SWANSON | MS3 ARNOLD | MS4 PHILLIPS | NOTES |
|----------------|---------------|----------------|----------------------------|---|---|---|-------|
| 02/20 (051) | | | | | | | |
| 12:00 | | | | POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) | EVA SYSTEMS: 1.211 HYGIENE BREAK Note: Start no earlier than 8:40hrs from end of CAMPOUT MASK P/B MCC-H Performs Steps 1-4, 16-20, &23 | POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) | |
| 01:00 | | | | | | | |
| 13:00 | | | | | EVA SYSTEMS: 1.216 10.2 PSIA CAMPOUT EVA PREP | | |
| 02:00 | | | | TV (ILLUMINATOR OPS) (PHOTO/TV, CC) ILLUMINATORS OFF - ALL | | | |
| 14:00 | | | | EXERCISE | | | |
| 03:00 | | | | CETA CART RELOCATE VIEWING (PDRS, VIEWING SUPPORT) | EVA SYSTEMS: 1.220 EMU PURGE | MDDK ST CK (ASSY OPS, PAYLOADS) Step 1 only DAILY TRANSFER LIST UPDATE Ref. Transfer List & MSG XXX | |
| 15:00 | | | | | EVA SYSTEMS: 1.225 EMU PREBREATHE | | |
| 04:00 | | | | IVA SUPPORT PREP EVA 3 | | ROBO: 1.410 CETA CART RELOCATE Steps 1-2 | |
| 16:00 | | | | | EVA SYSTEMS: CREWLOCK DEPRESS/REPRESS (CC) Crewlock Depress | | |

STS-119 FD (09)

| GMT | T D R S E Z D O R B N B | MET Day 007 | S T S A T T I | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|-------|-------------------------------|----------------|------------------|---|---|--------------------|-------|
| 05:00 | W | | | P/TV07 EVA (PHOTO/TV, SCENES) Setup | EVA SYS: CREWLOCK DPRS/RPRS(CC) POST DPRS TRANSFER OPS Ref. Transfer List | | |
| 05:00 | | | | P/TV07 EVA (PHOTO/TV, SCENES) Ops | | EGRESS | |
| 06:00 | | | | | | EVA 3 SETUP | |
| 06:00 | | | | | | 2 CETA RELOCATIONS | |
| 06:00 | | | | A SPDM VIEWING S (PDRS, VIEWING SUPPORT) Steps 1-2 | N2 RPRS USING P/L N2 VLV A SPDM VIEWING S (PDRS, VIEWING SUPPORT) Steps 1-2 | | |
| 07:00 | | | | MEAL | MEAL | | |
| 07:00 | | | | | A (ORB OPS, ECLS) Perform REPRESS SETUP AND INIT Steps 1,3-7, MCC will TMBU S/W FDA | | |
| 08:00 | | | | P/TV07 EVA (PHOTO/TV, SCENES) Ops | SHUTTLE/ISS H2O CNTR FILL (ORB OPS, ECLS) Init Fill #7 Ref MSG XXX | S1 TASKS | |
| 08:00 | | | | | EXERCISE | | |
| 20:00 | | | | | | | |

STS-119 FD (09)



STS-119 FD (09)

| GMT Date 02/20 (051) | T D R S E Z W E Z | D O R B D O R B | MET Day 007 | S T S A T T I | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|-------------------------------|----------------------|--------------------|----------------|------------------|--------------------|------------------|--------------|-------|
| | | | | | | | | |
| 09:00 | | | | | | | | |
| | | | | | | | | |
| 10:00 | | | | | | | | |
| | | | | | | | | |
| 11:00 | | | | | | | | |
| | | | | | | | | |
| 12:00 | | | | | | | | |
| | | | | | | | | |
| 00:00 | | | | | | | | |

P/TV07 EVA
(PHOTO/TV, SCENES)
Ops

EXERCISE
SHUTTLE/ISS H2O CNTR FILL
(ORB OPS, ECLS)
Perform FILL TERMINATION

CWC TRANSFER
Transfer 1 CWC to ISS

N2 REPRESS USING P/L N2 VALVES [B]
TRANSFER OPS
Ref. Transfer List

[B] (ORB OPS, ECLS)
Perform REPRESS TERM AND RECONFIG
Steps 8-13, MCC will TMBU S/W FDA

SO 1A_D RPCM R&R

P1 1A_A RPCM R&R

CLEANUP AND A/L INGRESS

SPDM VIEWING (PDRS, VIEWING SUPPORT) Step 3

SPDM VIEWING (PDRS, VIEWING SUPPORT) Step 3
EVA SYSTEMS: CREWLOCK DEPRESS/REPRESS (CC)
Crewlock Repress

EVA SYSTEMS: PRE REPRESS (CC)
EVA SYSTEMS: CREWLOCK DEPRESS/REPRESS (CC)
Crewlock Repress

EVA SYSTEMS: 1.240 POST EVA
With H2O & METOX
MCC-H will perform Steps 44 & 68
Ref. STS-119 CONSUMABLE TRACKING CC (EVA)
Ref. STS-119 BATTERY RECHARGE/METOX
REGEN CC (EVA)

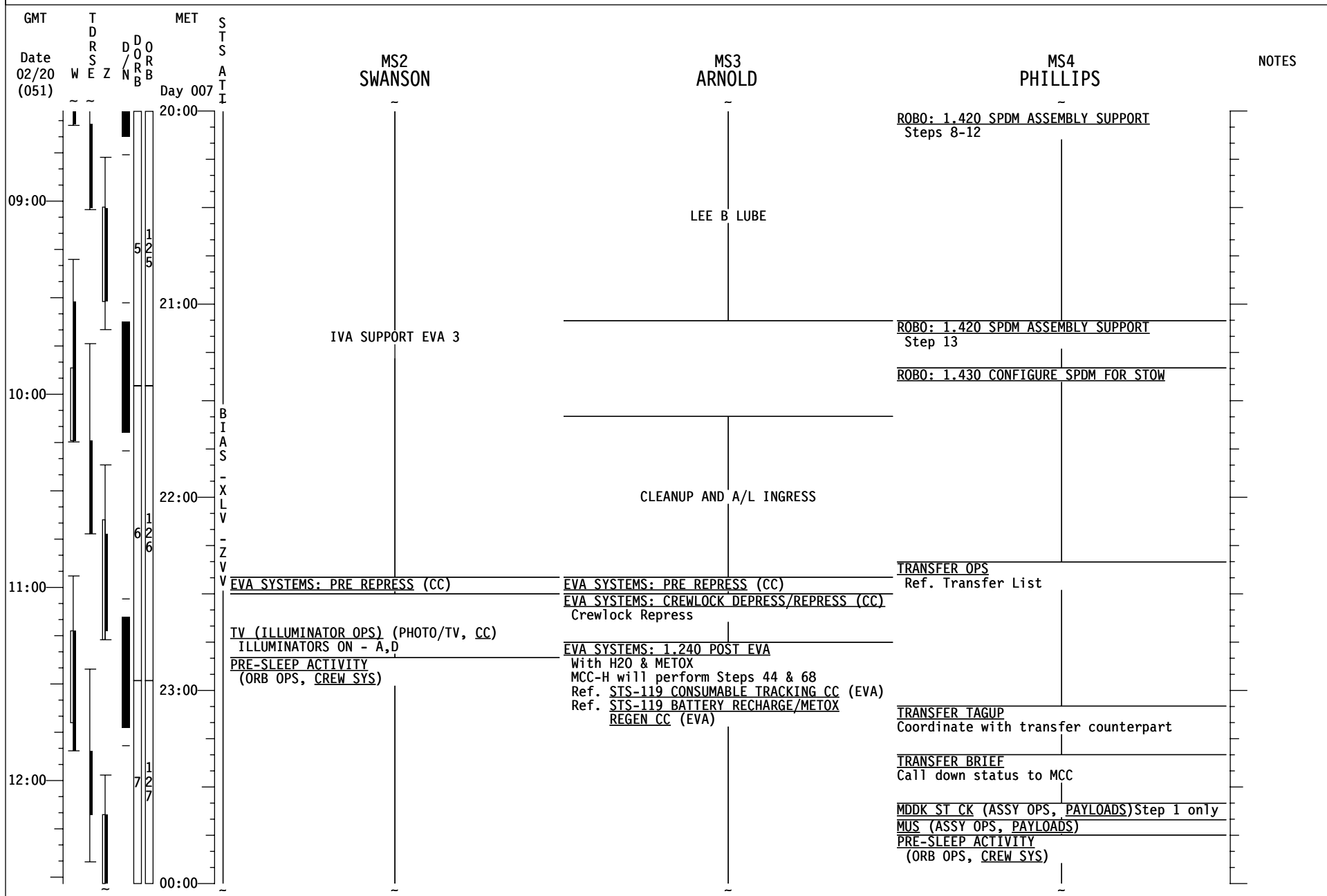
EVA SYSTEMS: 1.240 POST EVA
With H2O & METOX
MCC-H will perform Steps 44 & 68
Ref. STS-119 CONSUMABLE TRACKING CC (EVA)
Ref. STS-119 BATTERY RECHARGE/METOX
REGEN CC (EVA)

GATHER DUMP EQUIPMENT

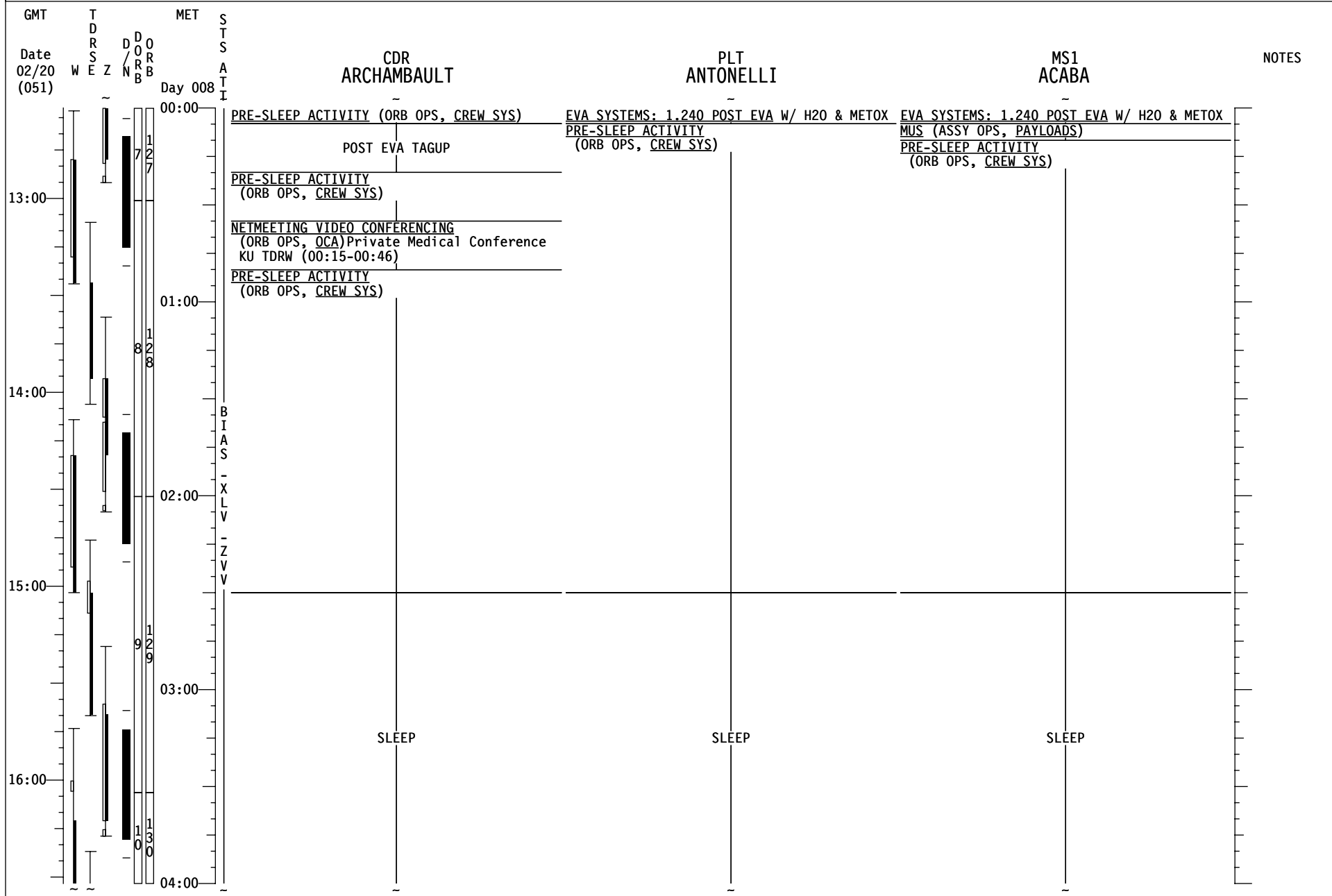
PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)

UPLINK
β21 Only
Box 40, 60,
62

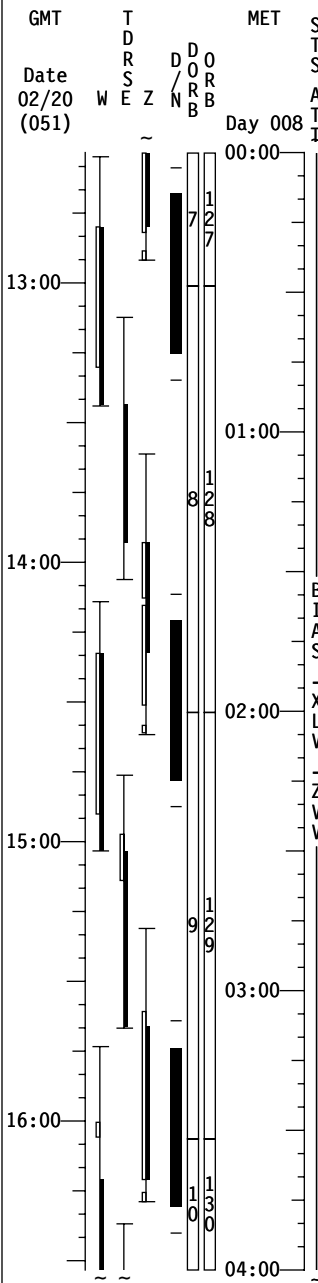
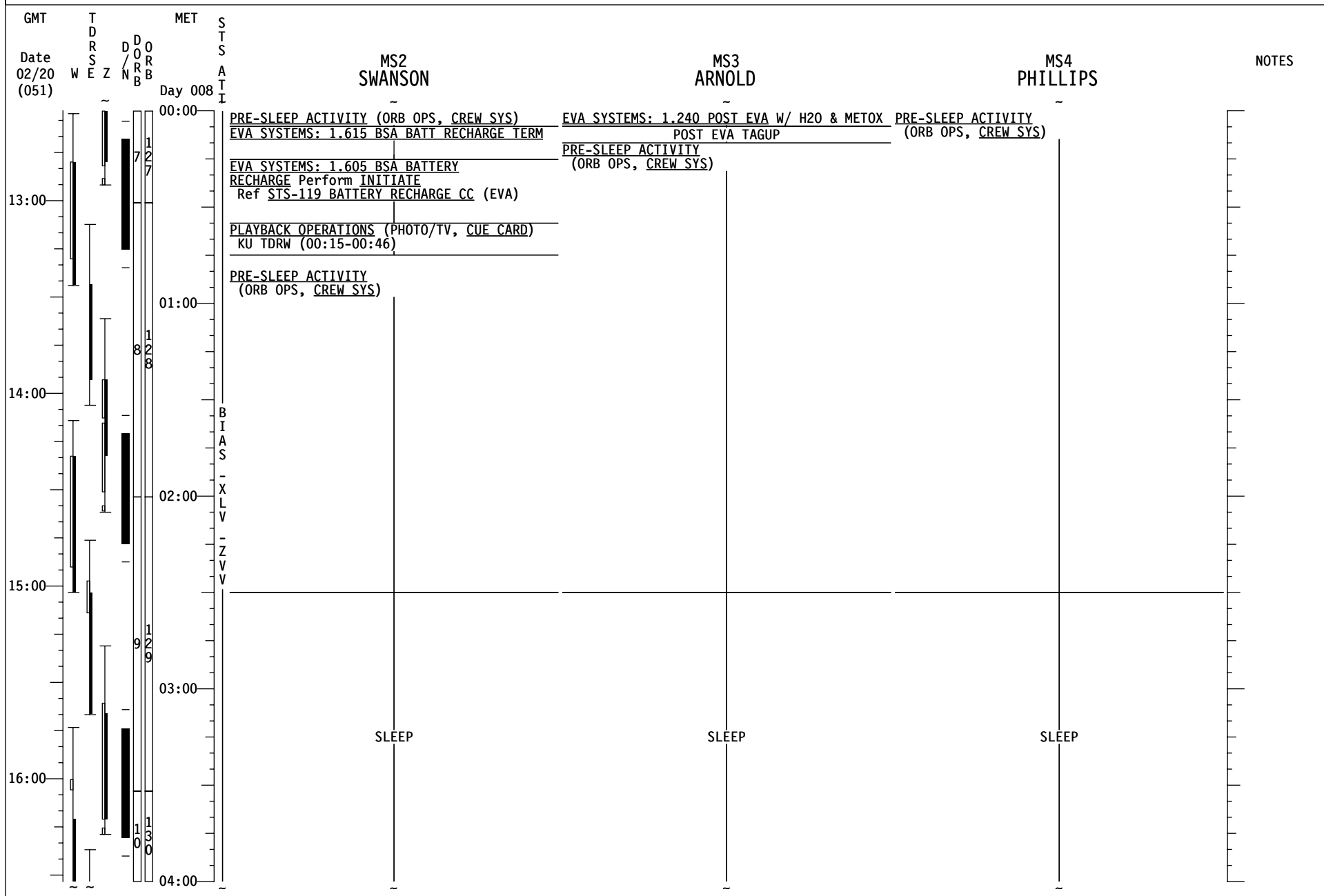
STS-119 FD (09)



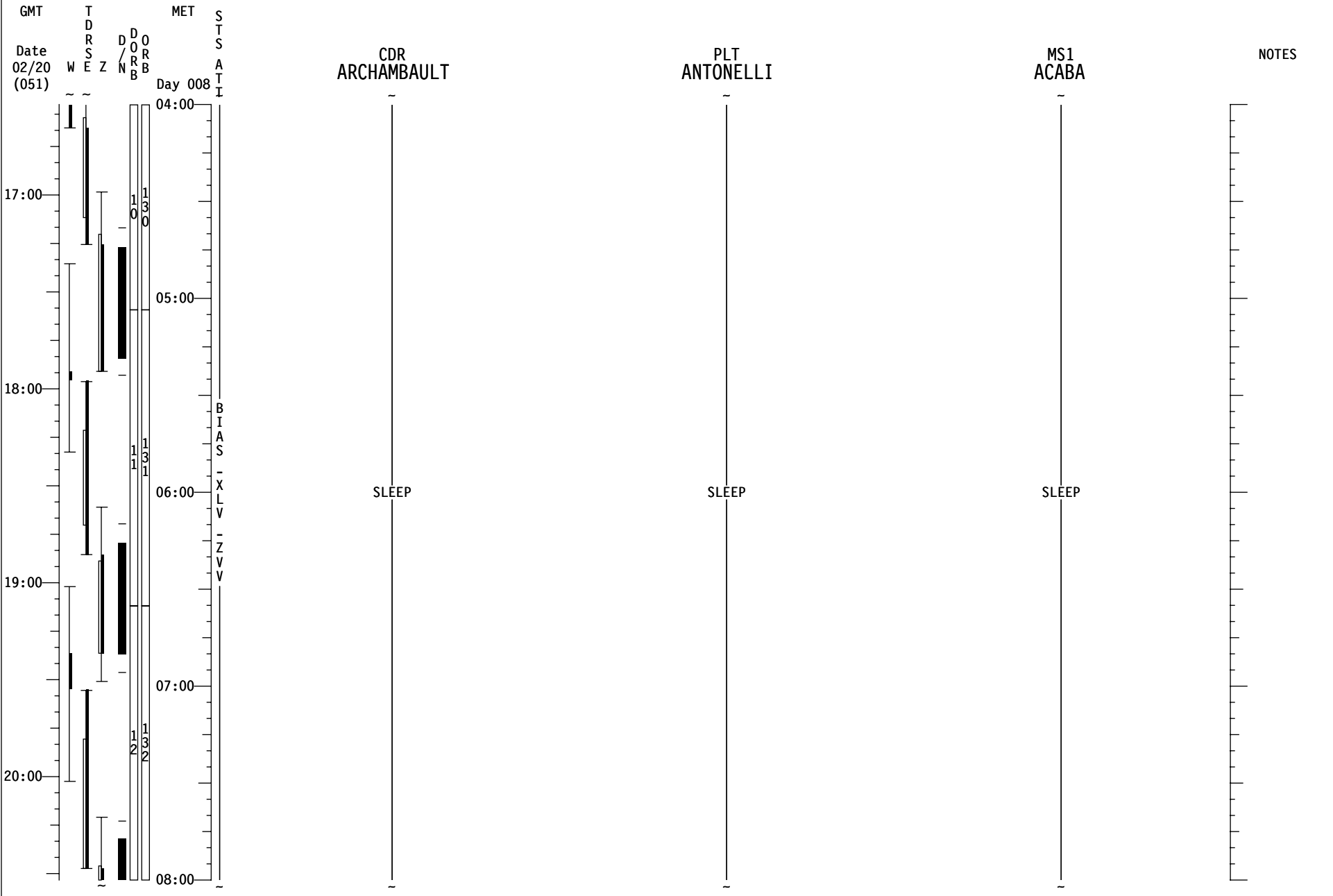
STS-119 FD (09)



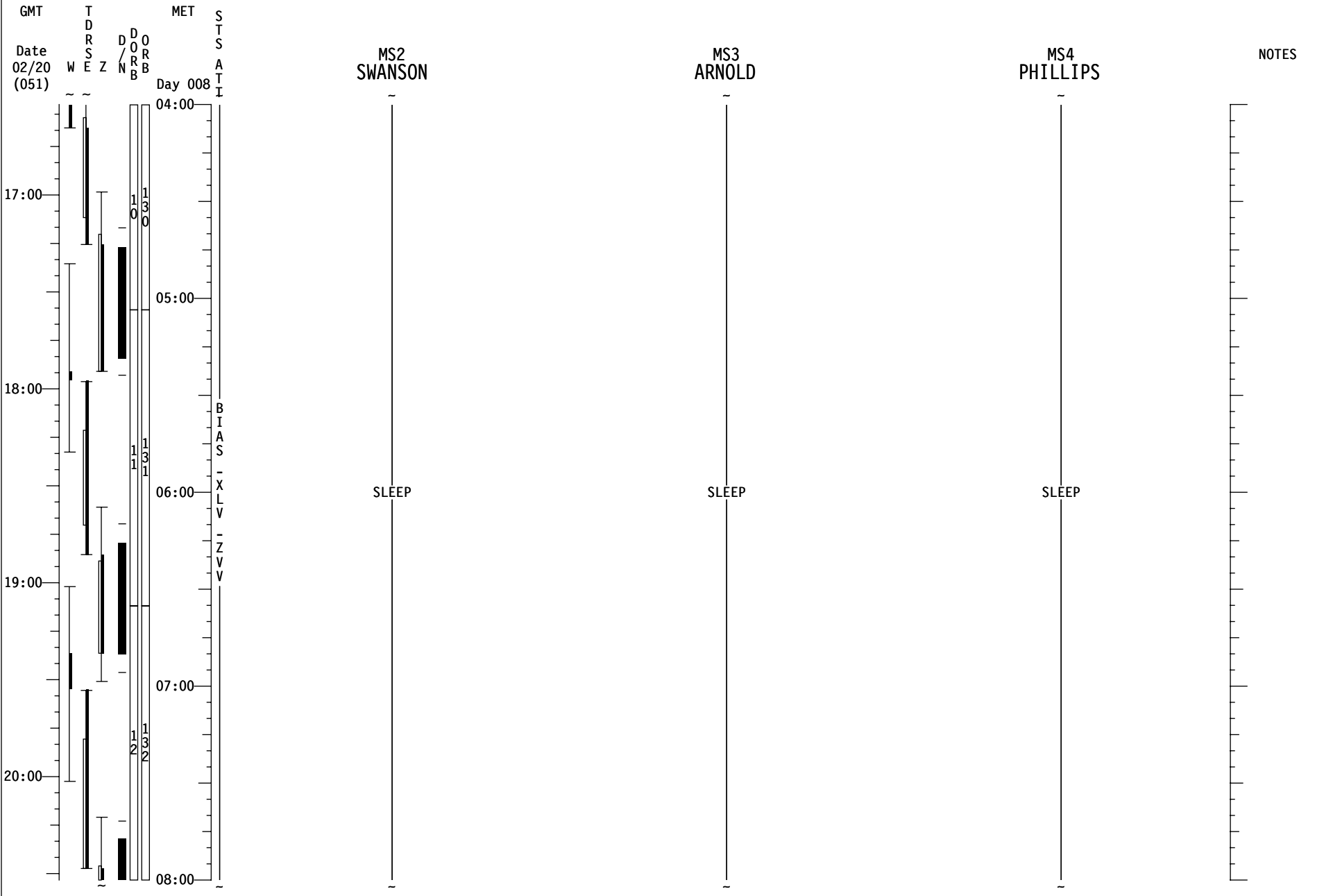
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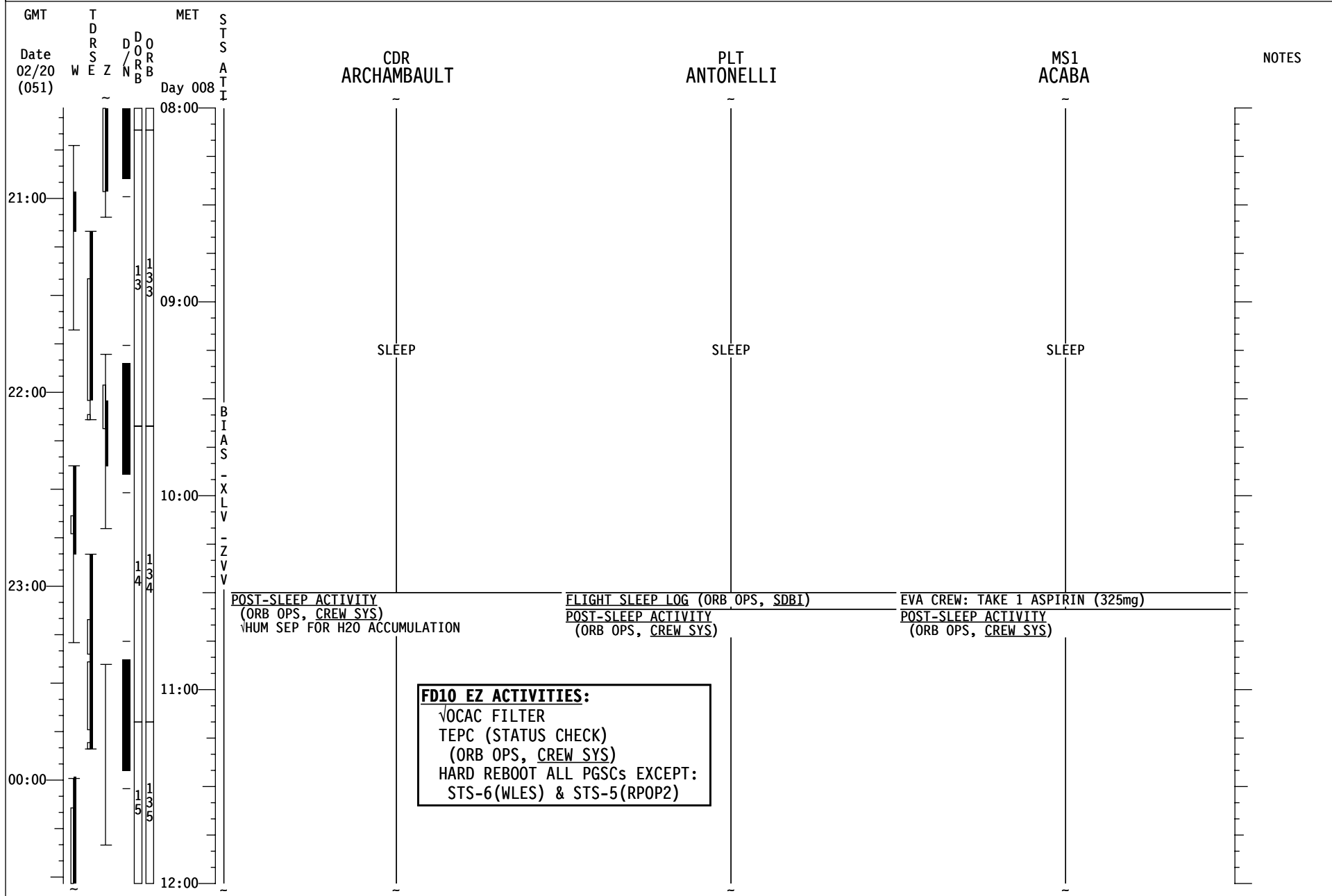
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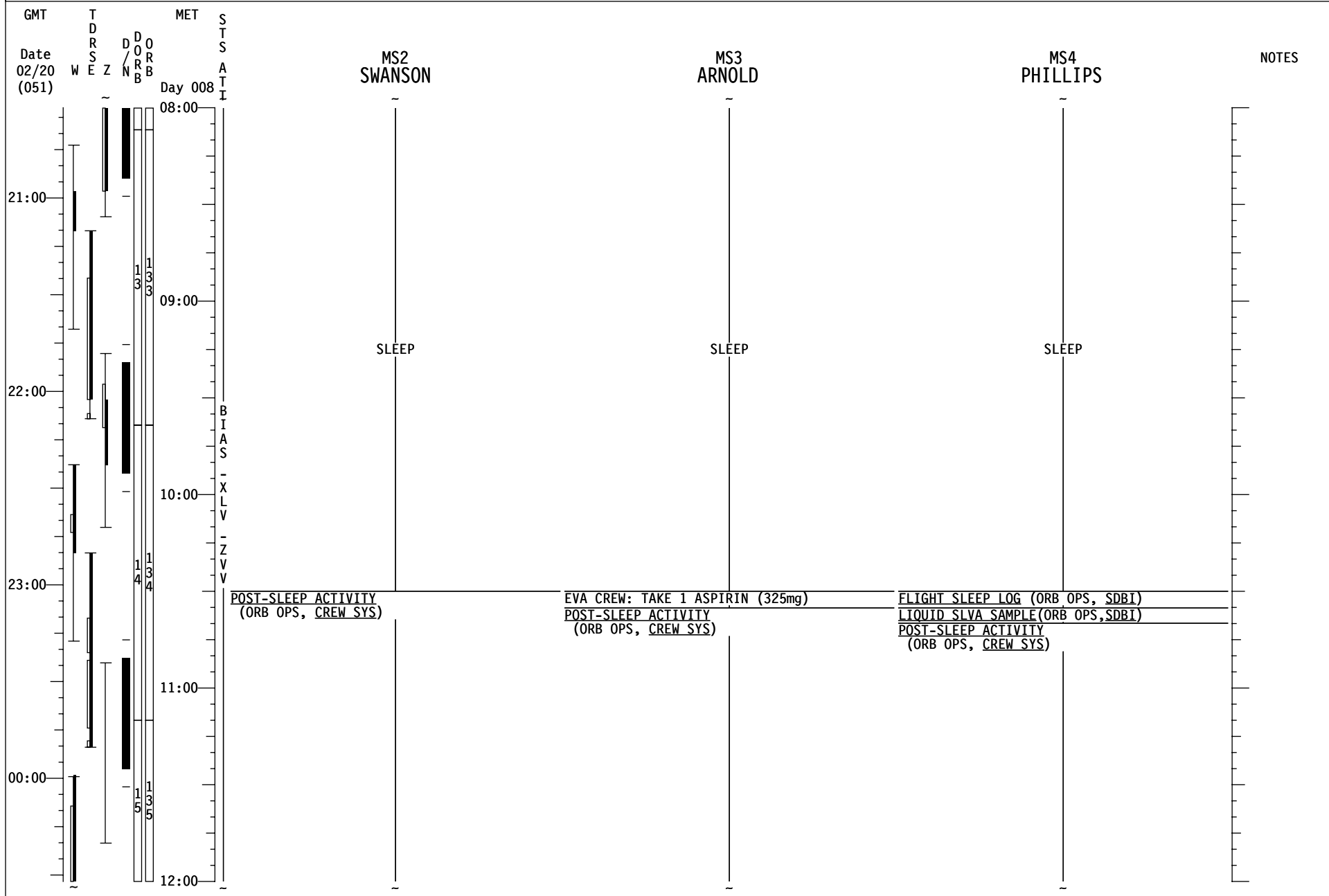
STS-119 FD (09)



STS-119 FD (10)



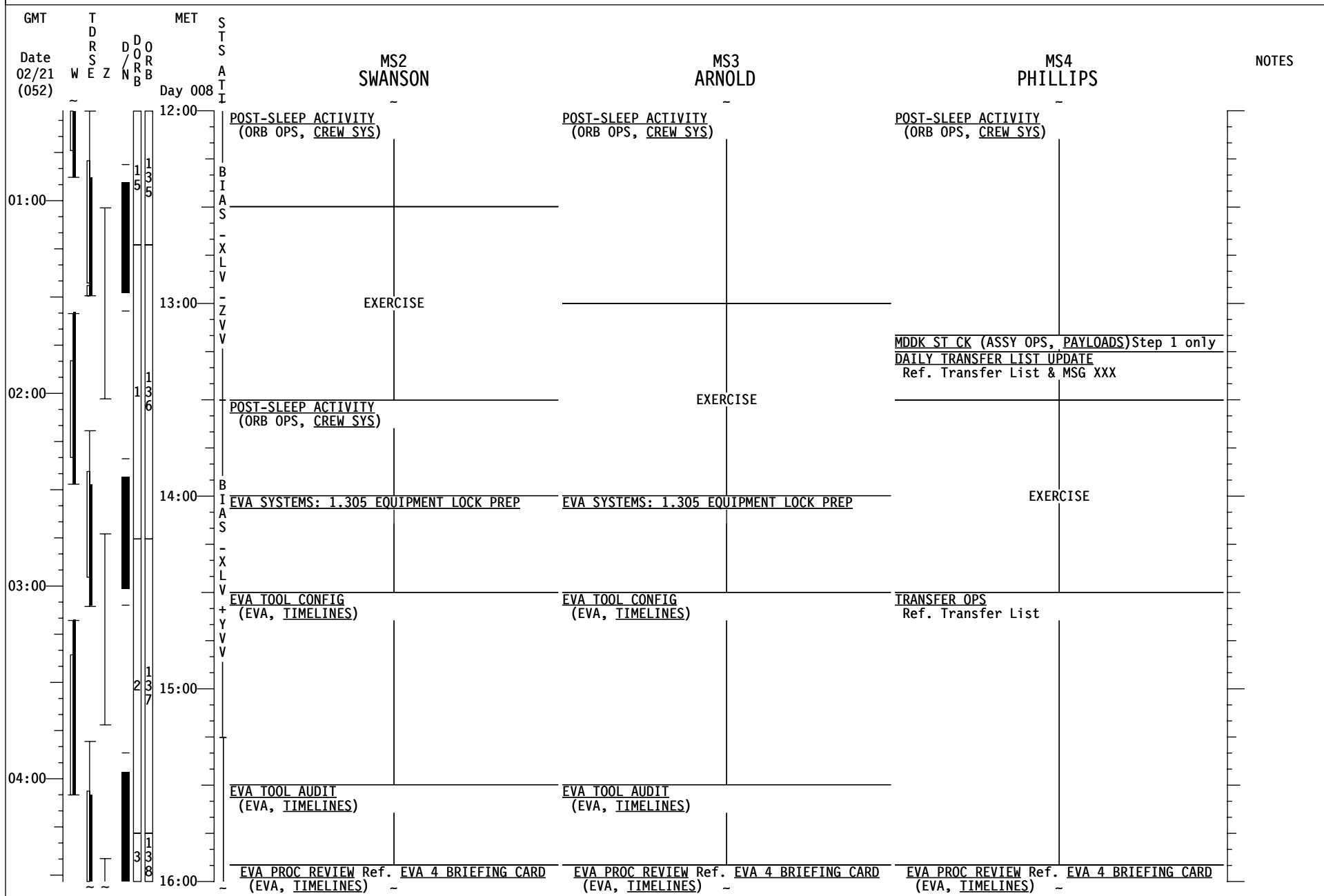
STS-119 FD (10)



STS-119 FD (10)

| GMT | TDRSEZ | MET | SATS | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|------------------|--------|---------|---------|---|---|---|---------------------------|
| Date 02/21 (052) | W E Z | Day 008 | 1 5 3 1 | | | | |
| | | | 1 3 6 | <p><u>POST-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS) HUM SEP FOR H2O ACCUMULATION</p> | <p><u>POST-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p> | <p><u>POST-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p> | |
| 01:00 | | | | | <p><u>IMU STAR OF OPPTY ALIGN</u> (ORB OPS, GNC)</p> <p><u>TV (ILLUMINATOR OPS)</u> (PHOTO/TV, CC) ILLUMINATORS OFF - ALL</p> | <p><u>EVA SYSTEMS: 1.605 BSA BATT RECHARGE</u> (TERM)</p> | |
| | | | | | <p><u>SHUTTLE CONDENSATE COLLECTION</u> (ORB OPS, ECLS) Perform CHANGEOUT Ref MSG XXX</p> | <p><u>EVA SYSTEMS: 1.605 BSA BATTERY RECHARGE</u> Perform INITIATE Ref STS-119 BATTERY RECHARGE CC (EVA)</p> | |
| 02:00 | | | 1 3 6 | <p><u>VA12/FREE/VERN A</u></p> <p><u>MNVR (TRK) BIAS -XLV +YVV</u> (SIMO DUMP) TG=2 BV=5 P=162 Y=359 OM=193 A12/AUTO/VERN, Init TRK When in Attitude: DAP:B12</p> | <p><u>EMU SWAP FOR EVA 4</u> (EVA, AIRLOCK CONFIG)</p> | <p><u>EMU SWAP FOR EVA 4</u> (EVA, AIRLOCK CONFIG)</p> | |
| | | | | <p><u>SUPPLY/WASTE WATER DUMP</u> (ORB OPS, ECLS) Initiate Waste Dump</p> | <p><u>PWR DUMP - SUPPLY LINE</u> (ORB OPS, ECLS) Ref MSG XXX Dump PWR S/Ns 1032, 1026</p> | <p><u>POST-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p> | UPDATE H2O WASTE DUMP QTY |
| 03:00 | | | | <p><u>SUPPLY/WASTE WATER DUMP</u> (ORB OPS, ECLS) Terminate Waste Dump</p> | <p><u>FILTER CLEANING</u> (IFM, SCHEDULED MAINTENANCE) Inspect filters and clean as necessary</p> | <p><u>EVA SYSTEMS: 1.515 EMU METOX/LIOH/BATTERY REPLACEMENT</u> Install METOX Canisters/Batteries Ref STS-119 CONSUMABLES TRACKING CC (EVA)</p> | |
| | | | | <p><u>CWC OVERBOARD DUMP</u> (ORB OPS, ECLS) Dump SN 1059 (Barcode #TBS) Ref MSG XXX</p> | | <p><u>EVA SYSTEMS: 1.510 METOX REGENERATION</u> Perform TERM</p> | |
| 04:00 | | | 1 3 7 | <p><u>MNVR (TRK) BIAS -XLV -ZVV</u> TG=2 BV=5 P=162 Y=359 OM=167 A12/AUTO/VERN, Init TRK</p> | EXERCISE | <p><u>EVA TOOL AUDIT</u> (EVA, TIMELINES)</p> | |
| | | | | <p>When ISS GO for ATT CTRL, DAP: FREE</p> | | | |
| 16:00 | | | 1 3 8 | <p><u>EVA PROC REVIEW</u> Ref. EVA 4 BRIEFING CARD (EVA, TIMELINES)</p> | <p><u>EVA PROC REVIEW</u> Ref. EVA 4 BRIEFING CARD (EVA, TIMELINES)</p> | <p><u>EVA PROC REVIEW</u> Ref. EVA 4 BRIEFING CARD (EVA, TIMELINES)</p> | |

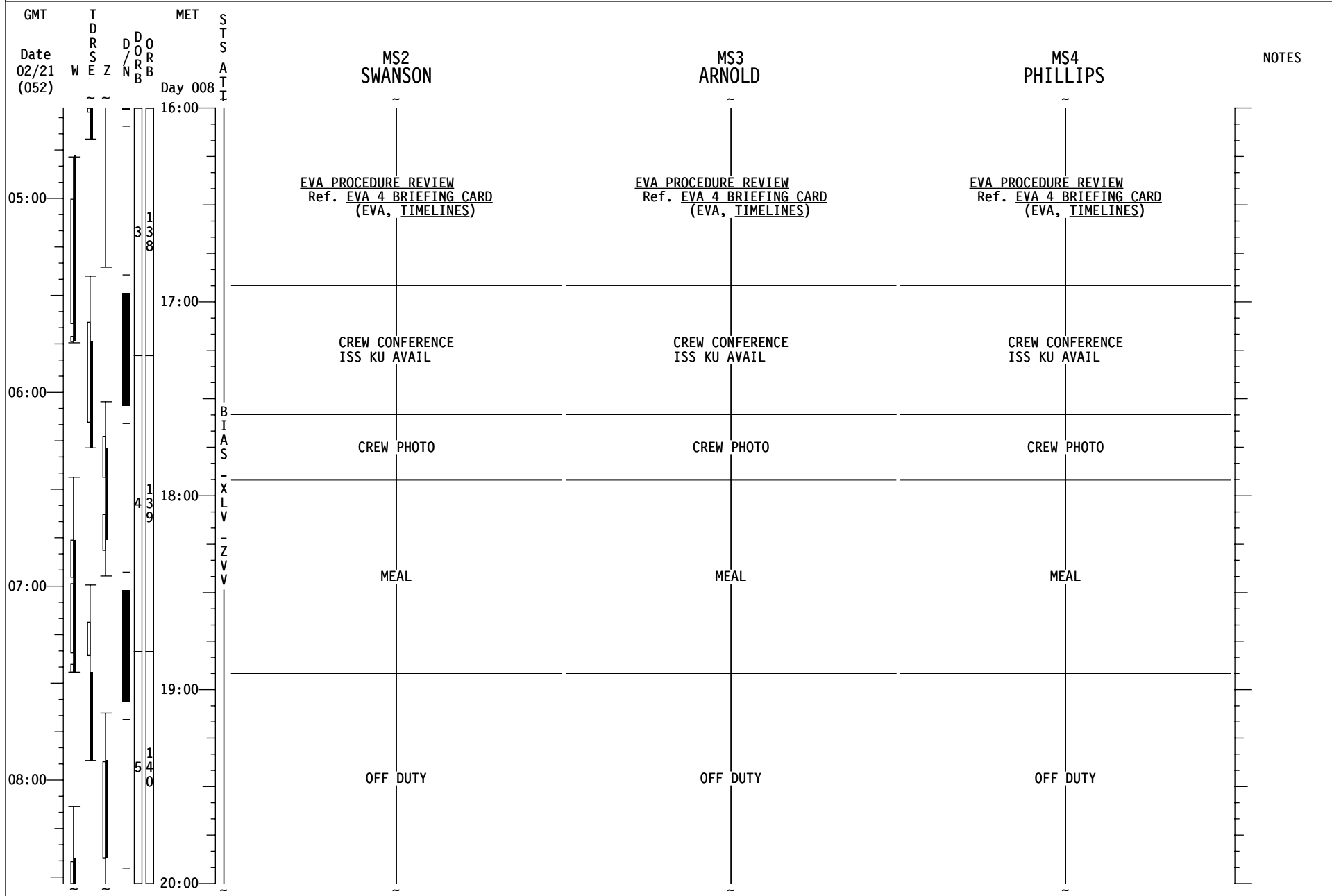
STS-119 FD (10)



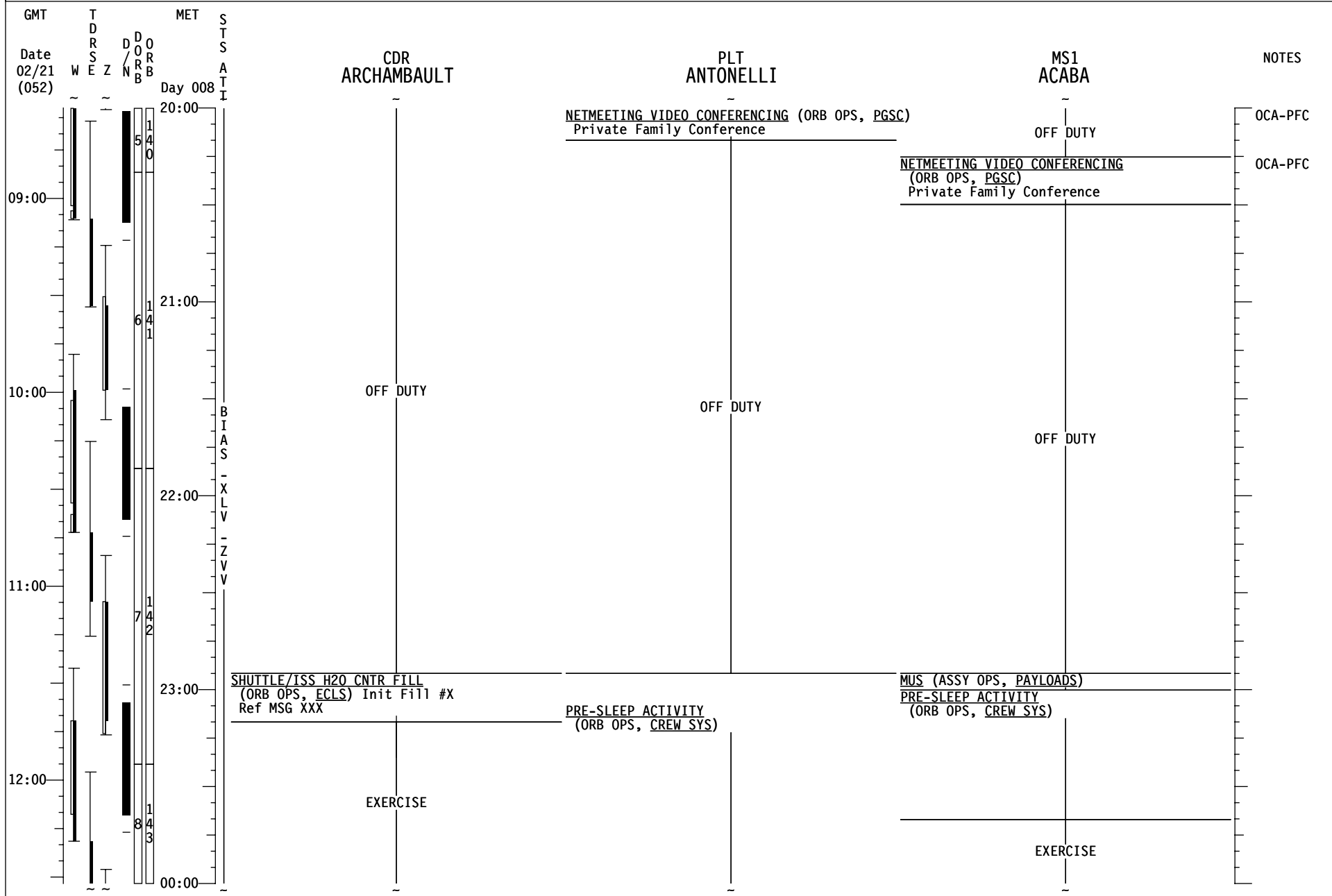
STS-119 FD (10)

| GMT | T D R S E Z | D O R B | MET | S T S | C D R | P L T | M S 1 | N O T E S |
|------------------------|-------------|---------|---------|-------|---|--|--|-----------|
| Date 02/21 (052) | W | N | Day 008 | A T I | ARCHAMBAULT | ANTONELLI | ACABA | |
| 16:00 | | | | | | | | |
| 05:00 | | | | | EVA PROCEDURE REVIEW Ref. EVA 4 BRIEFING CARD (EVA, TIMELINES) | EVA PROCEDURE REVIEW Ref. EVA 4 BRIEFING CARD (EVA, TIMELINES) | EVA PROCEDURE REVIEW Ref. EVA 4 BRIEFING CARD (EVA, TIMELINES) | |
| 17:00 | | | | | | | | |
| 06:00 | | | | | CREW CONFERENCE ISS KU AVAIL | CREW CONFERENCE ISS KU AVAIL | CREW CONFERENCE ISS KU AVAIL | |
| 18:00 | | | | | CREW PHOTO | CREW PHOTO | CREW PHOTO | |
| 07:00 | | | | | MEAL | MEAL | MEAL | |
| 19:00 | | | | | OFF DUTY | | | |
| 08:00 | | | | | NETMEETING VIDEO CONFERENCING (ORB OPS, PGSC) Private Family Conference | OFF DUTY | OFF DUTY | OCA-PFC |
| 20:00 | | | | | OFF DUTY | NETMEETING VIDEO CONFERENCING (ORB OPS, PGSC) Private Family Conference | | OCA-PFC |

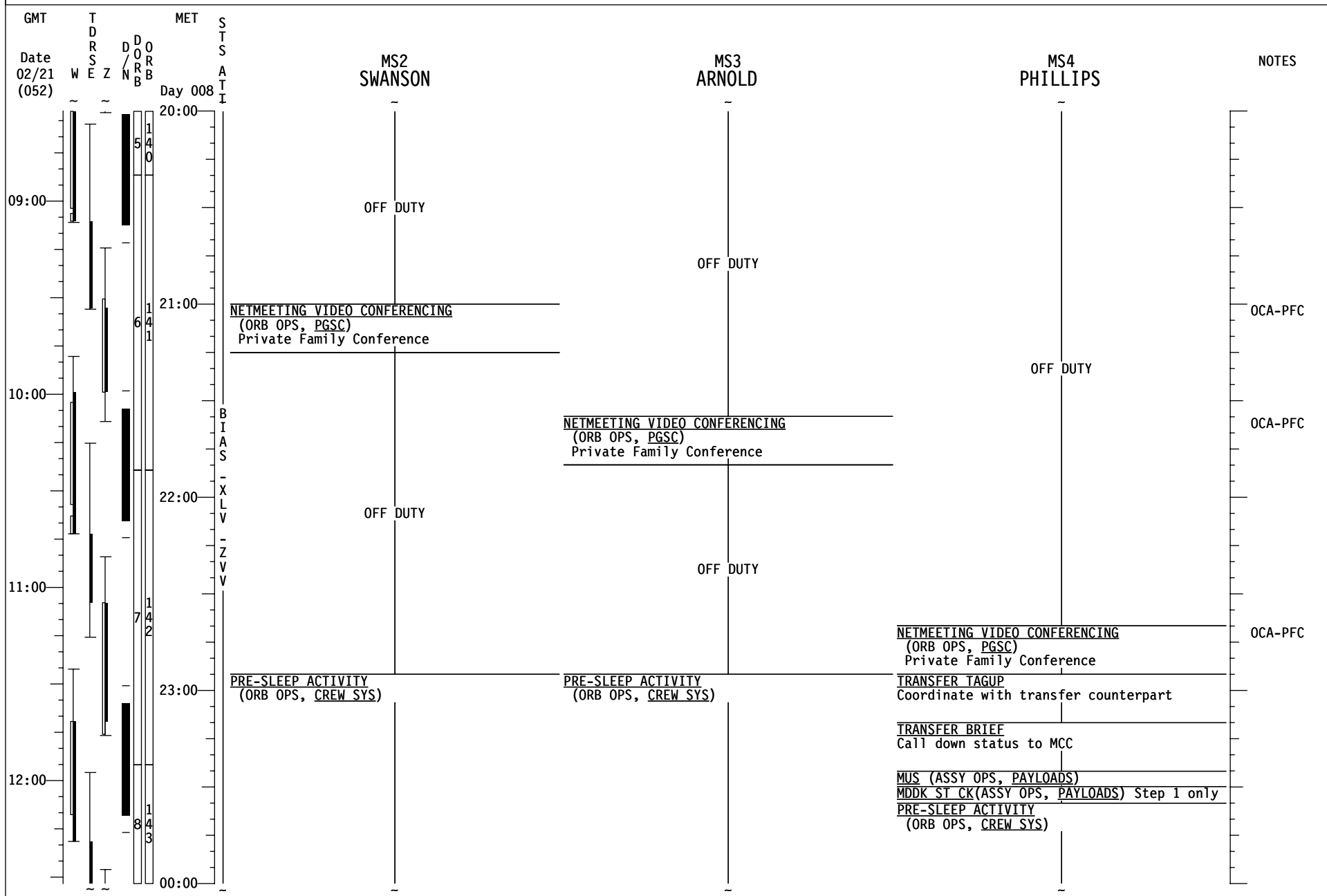
STS-119 FD (10)



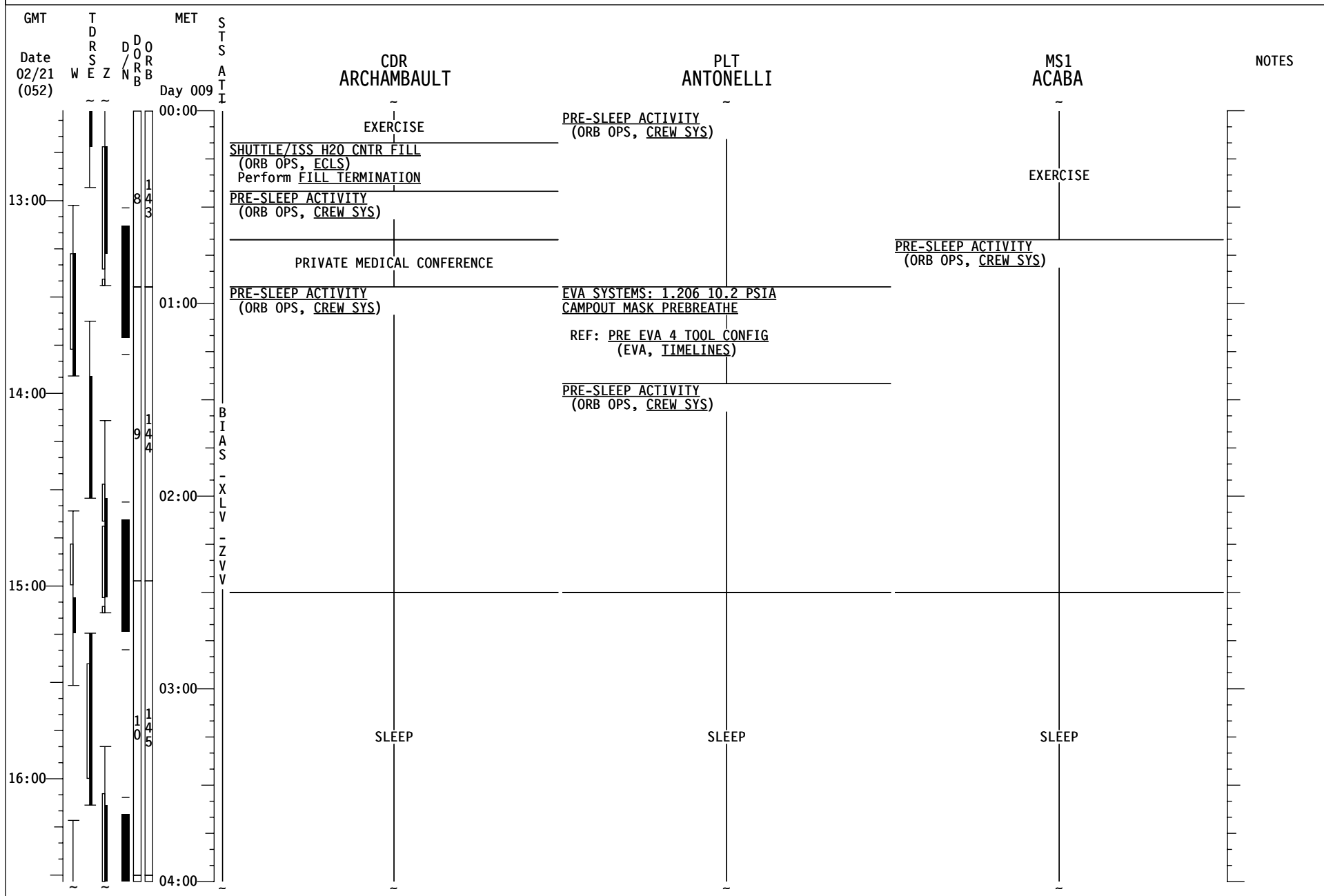
STS-119 FD (10)



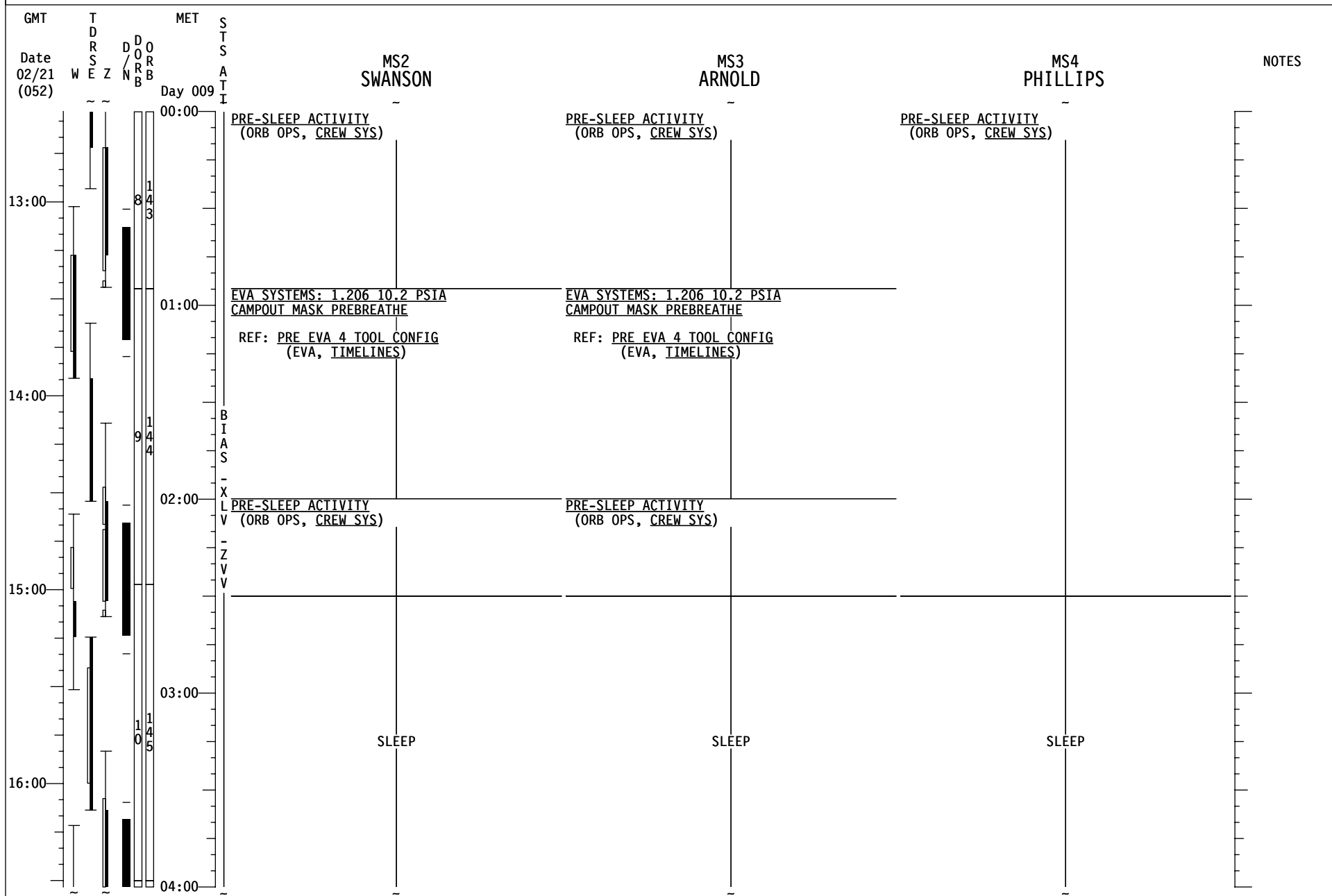
STS-119 FD (10)



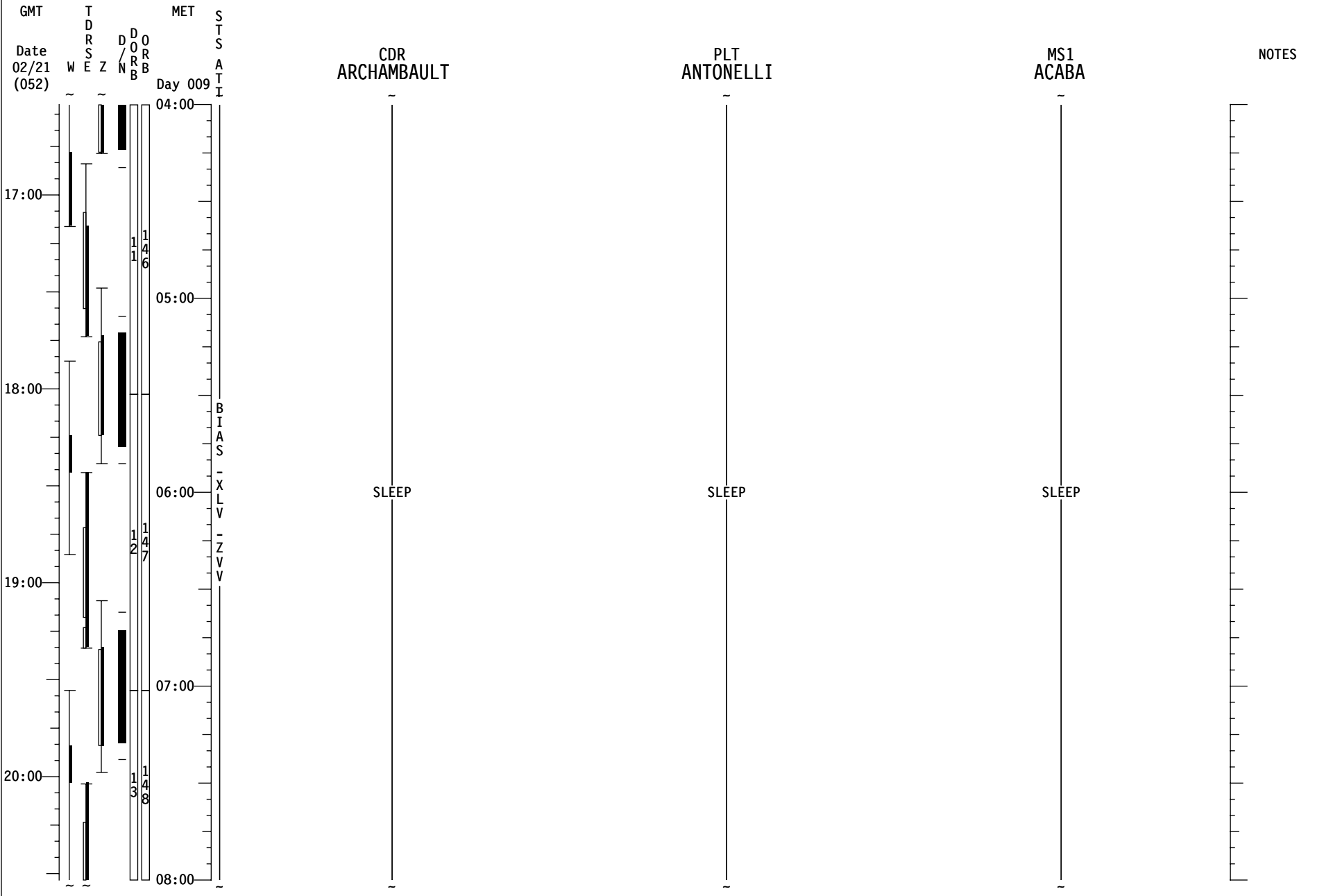
STS-119 FD (10)



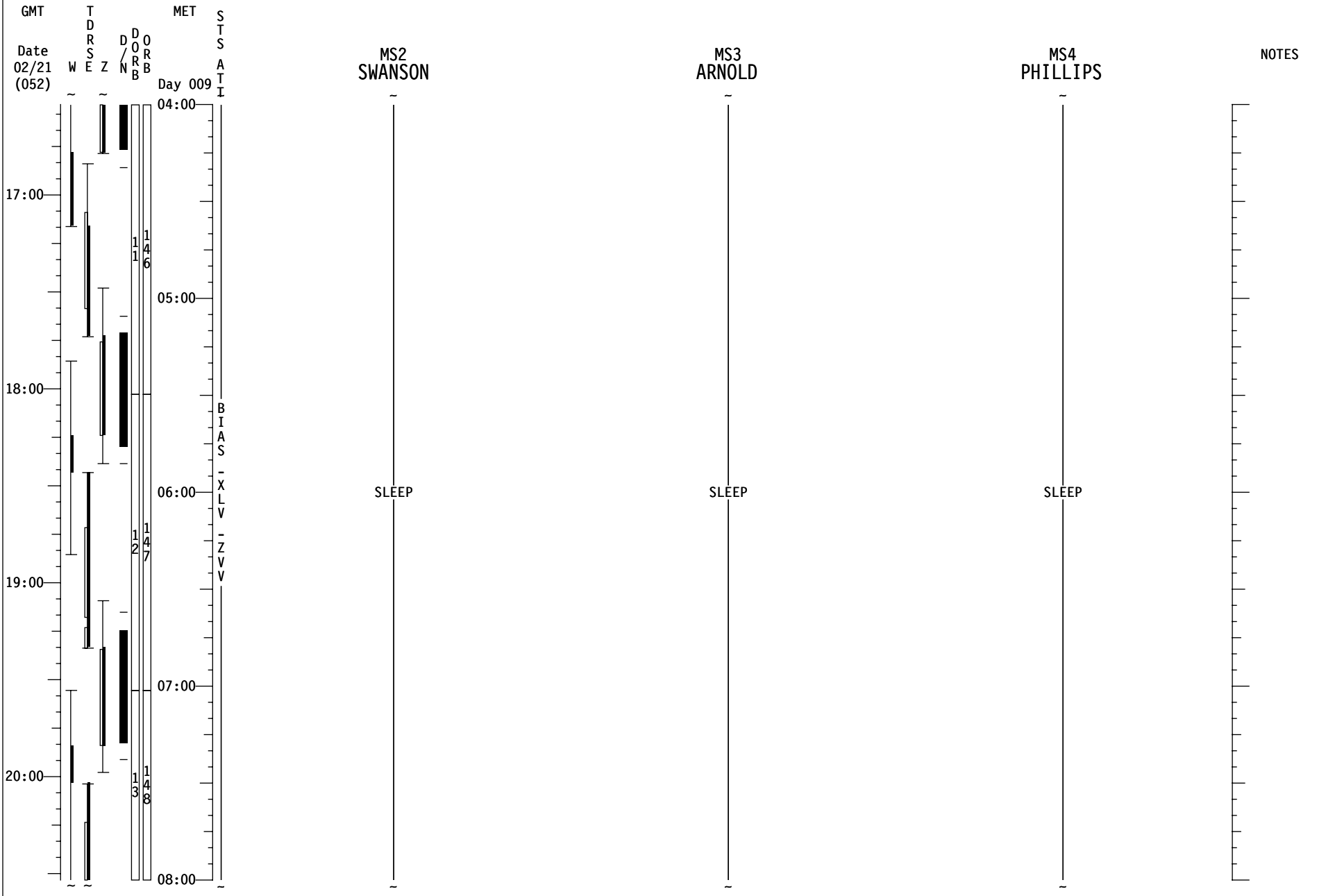
STS-119 FD (10)



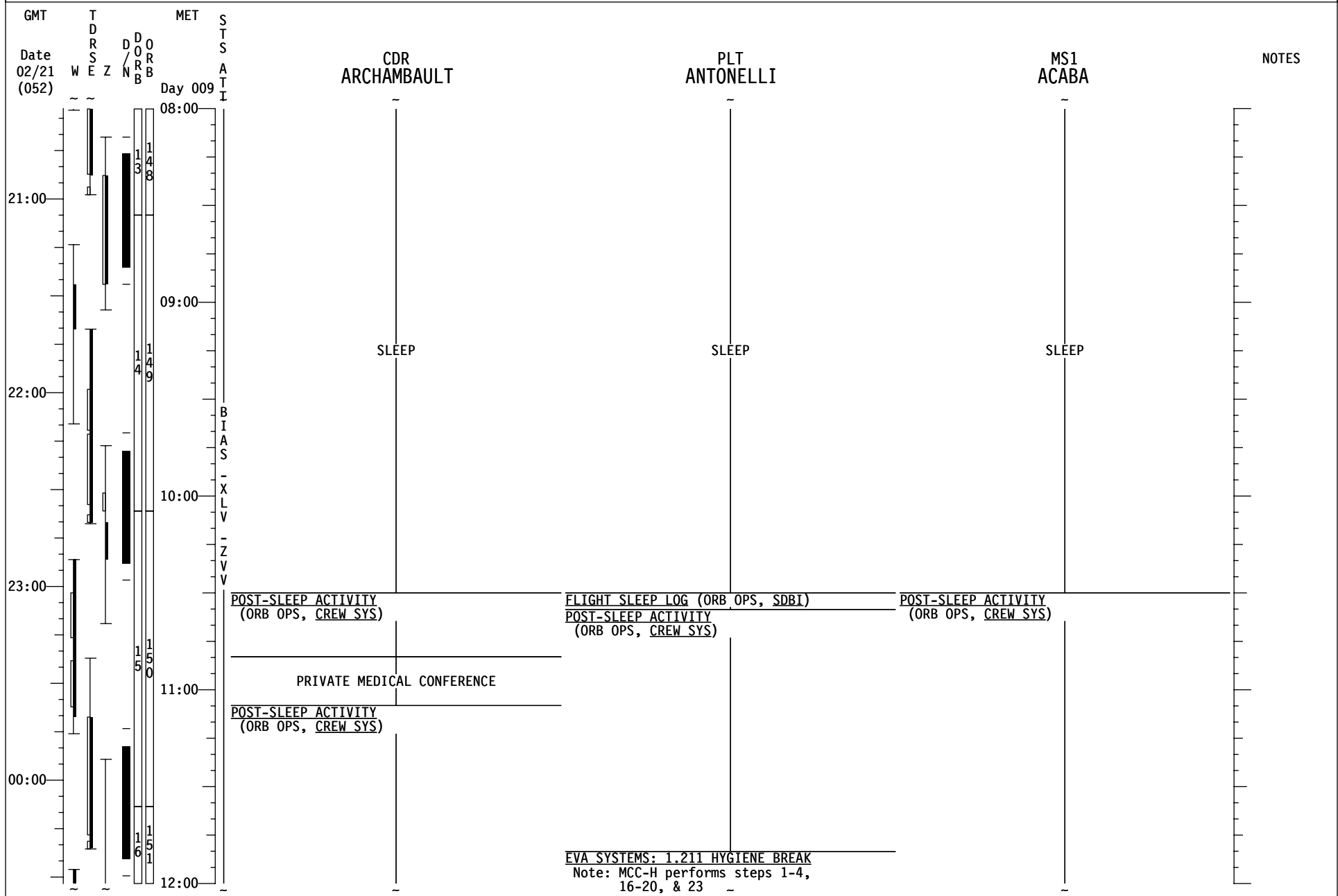
STS-119 FD (10)



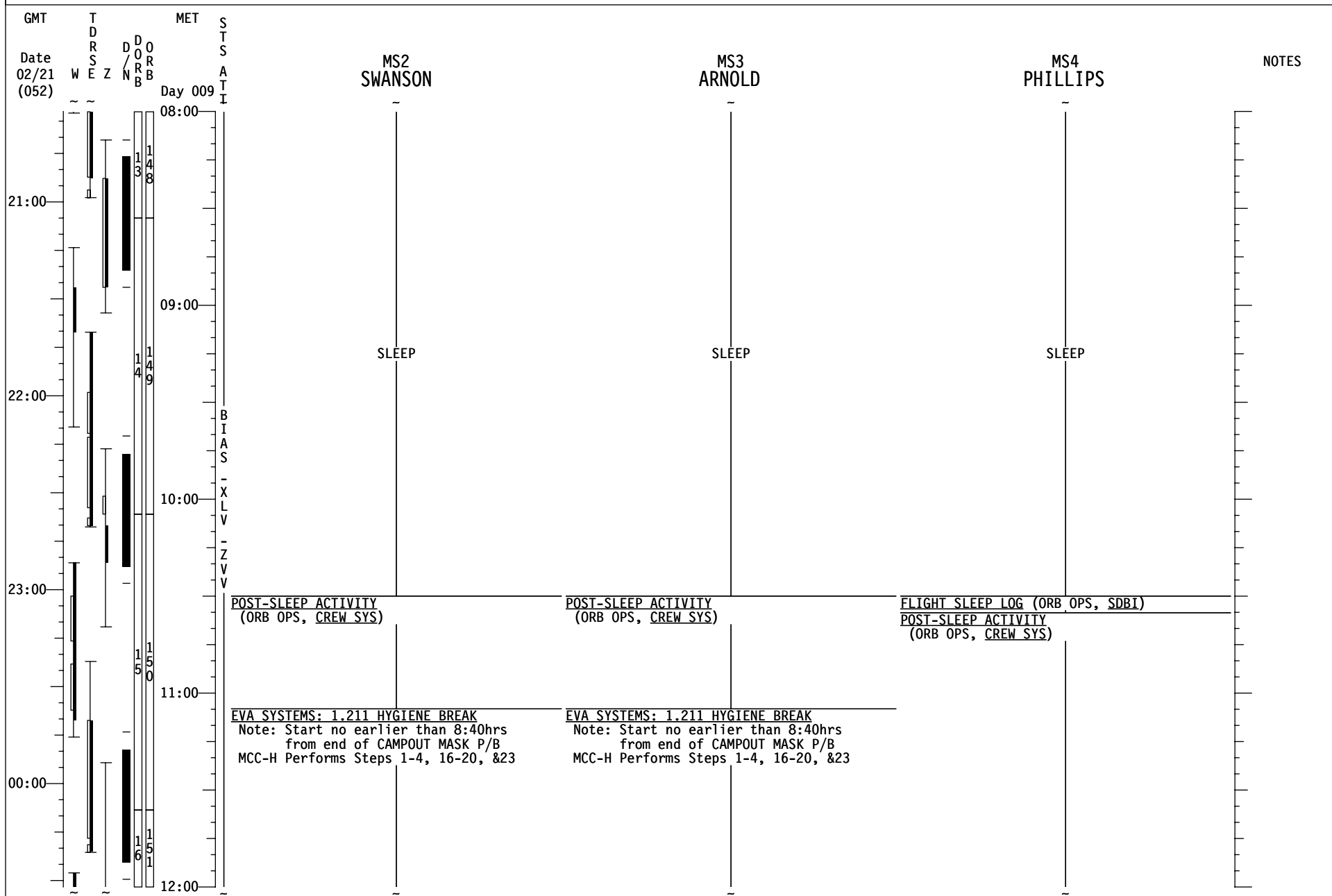
STS-119 FD (10)



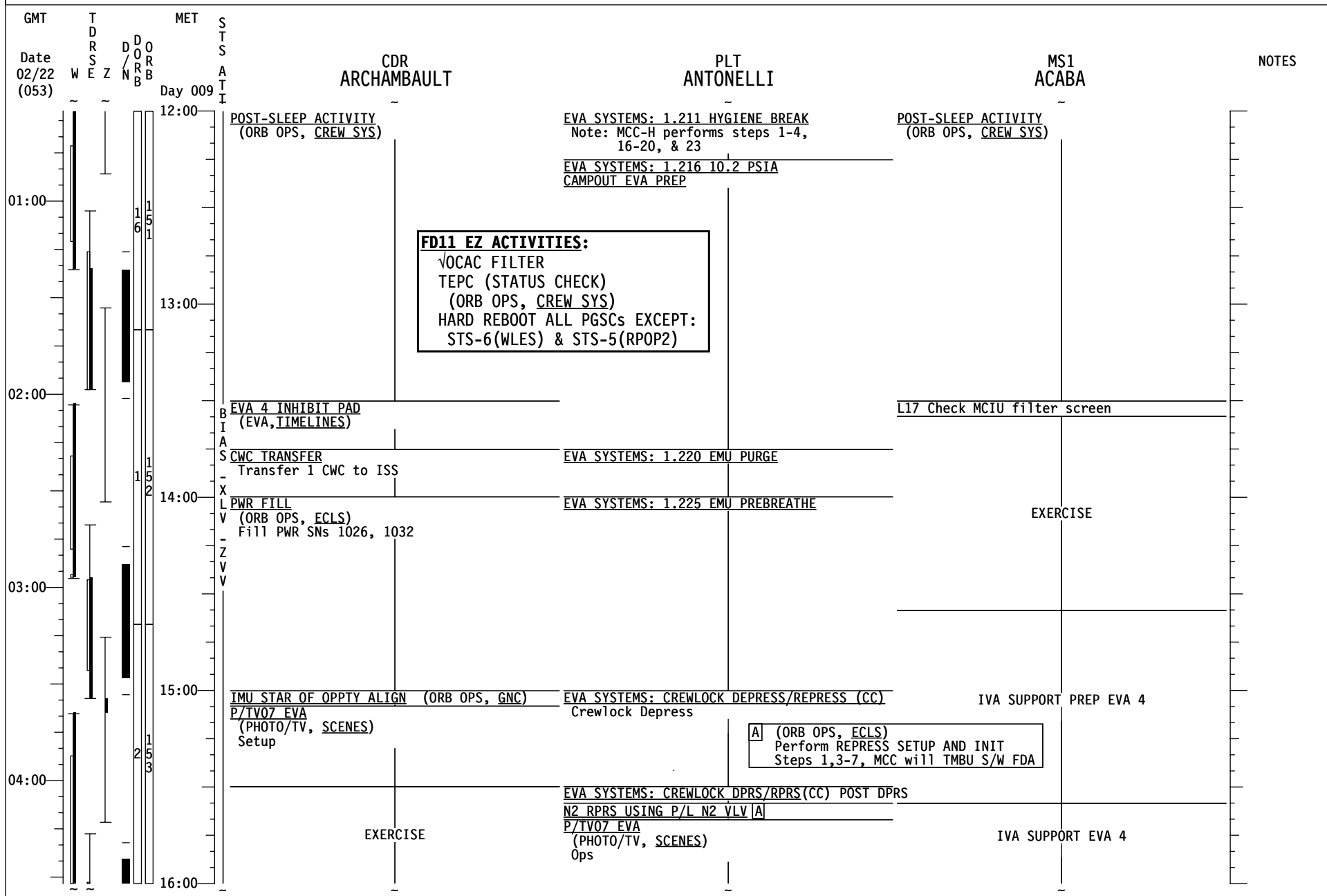
STS-119 FD (11)



STS-119 FD (11)



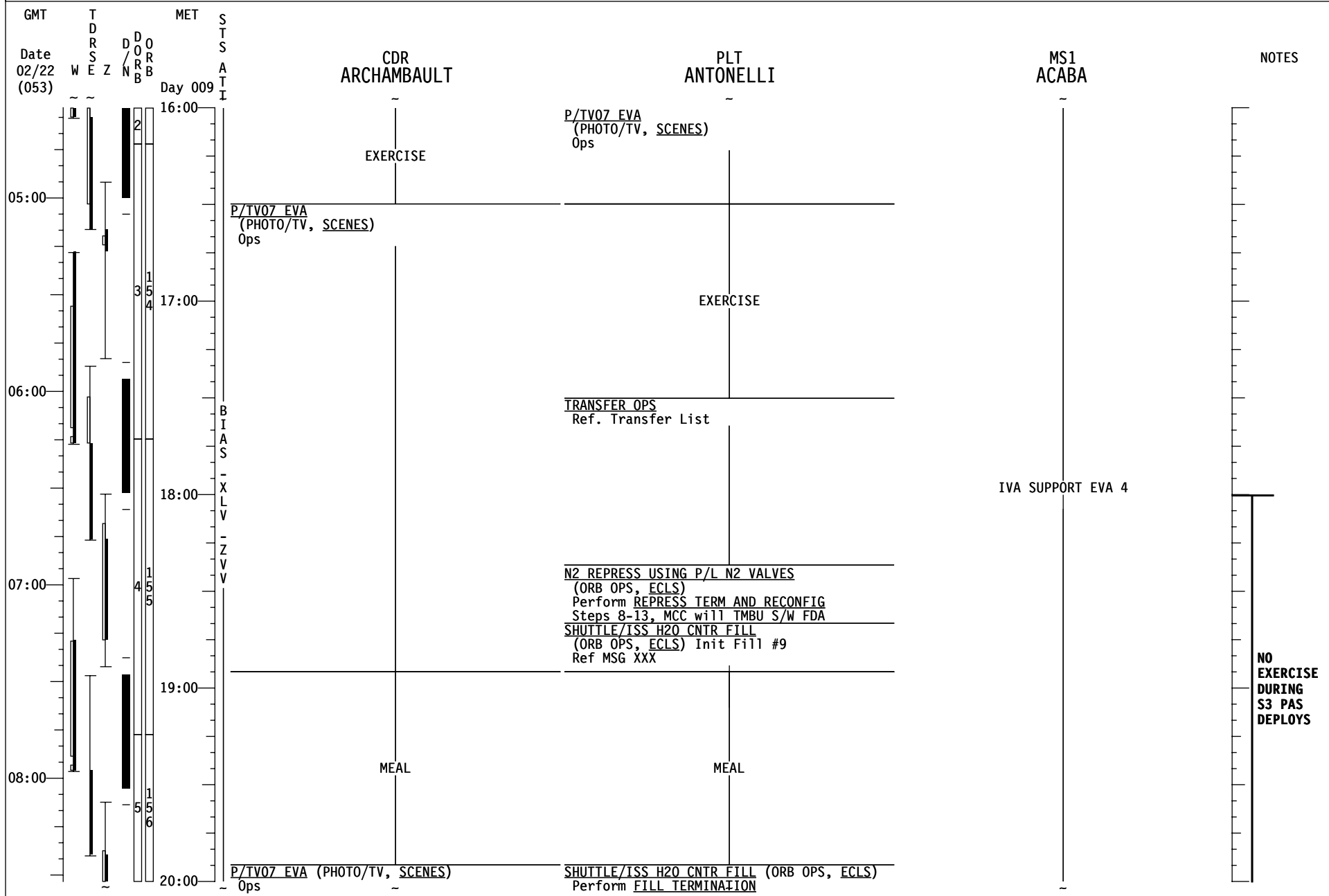
STS-119 FD (11)



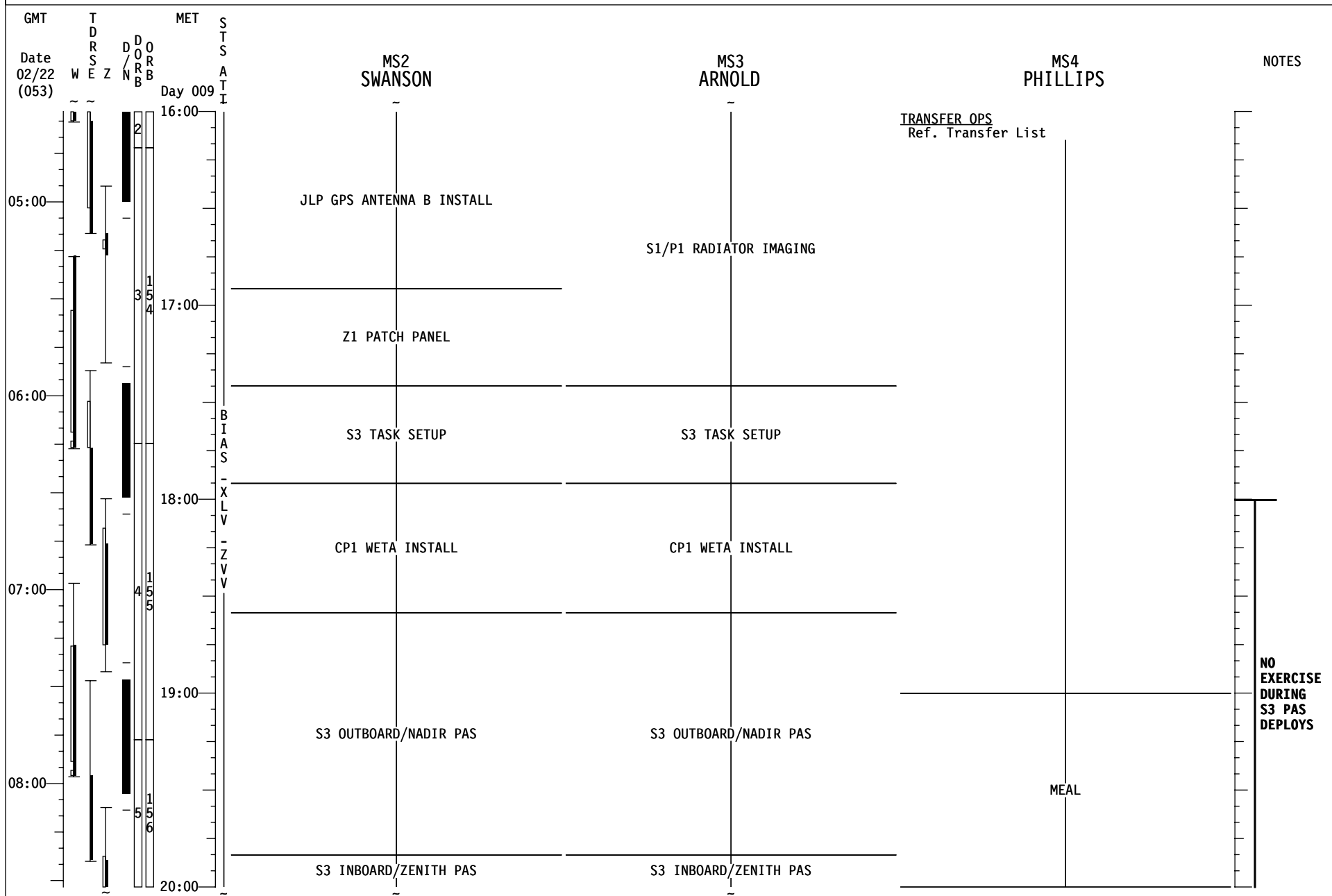
STS-119 FD (11)

| GMT Date 02/22 (053) | T D R S E Z W E Z | D O R B D O R B | MET Day 009 | S T S A T I | MS2 SWANSON | MS3 ARNOLD | MS4 PHILLIPS | NOTES |
|-------------------------------|----------------------|--------------------|----------------|----------------|---|---|---|-------|
| | | | 12:00 | | <u>EVA SYSTEMS: 1.211 HYGIENE BREAK</u> MCC-H Performs Steps 1-4, 16-20, &23 | <u>EVA SYSTEMS: 1.211 HYGIENE BREAK</u> MCC-H Performs Steps 1-4, 16-20, &23 | <u>POST-SLEEP ACTIVITY</u> (ORB OPS, <u>CREW SYS</u>) | |
| | | | 01:00 | | <u>EVA SYSTEMS: 1.216 10.2 PSIA</u> <u>CAMPOUT EVA PREP</u> | <u>EVA SYSTEMS: 1.216 10.2 PSIA</u> <u>CAMPOUT EVA PREP</u> | | |
| | | | 13:00 | | | | | |
| | | | 02:00 | B I A | <u>EVA SYSTEMS: 1.220 EMU PURGE</u> | <u>EVA SYSTEMS: 1.220 EMU PURGE</u> | <u>MDDK ST CK (ASSY OPS, PAYLOADS) Step 1 only</u> <u>DAILY TRANSFER LIST UPDATE</u> Ref. Transfer List & MSG XXX | |
| | | | 14:00 | X L V | <u>EVA SYSTEMS: 1.225 EMU PREBREATHE</u> | <u>EVA SYSTEMS: 1.225 EMU PREBREATHE</u> | <u>TRANSFER OPS</u> Ref. Transfer List | |
| | | | 03:00 | Z V V | | | | |
| | | | 15:00 | | <u>EVA SYSTEMS: CREWLOCK DEPRESS/REPRESS (CC)</u> Crewlock Depress | <u>EVA SYSTEMS: CREWLOCK DEPRESS/REPRESS (CC)</u> Crewlock Depress | | |
| | | | 04:00 | | <u>EVA SYS: CREWLOCK DPRS/RPRS(CC) POST DPRS</u> | <u>EVA SYS: CREWLOCK DPRS/RPRS(CC) POST DPRS</u> | EXERCISE | |
| | | | 16:00 | | EGRESS JLP GPS ANTENNA B INSTALL | EGRESS S1/P1 RADIATOR IMAGING | | |

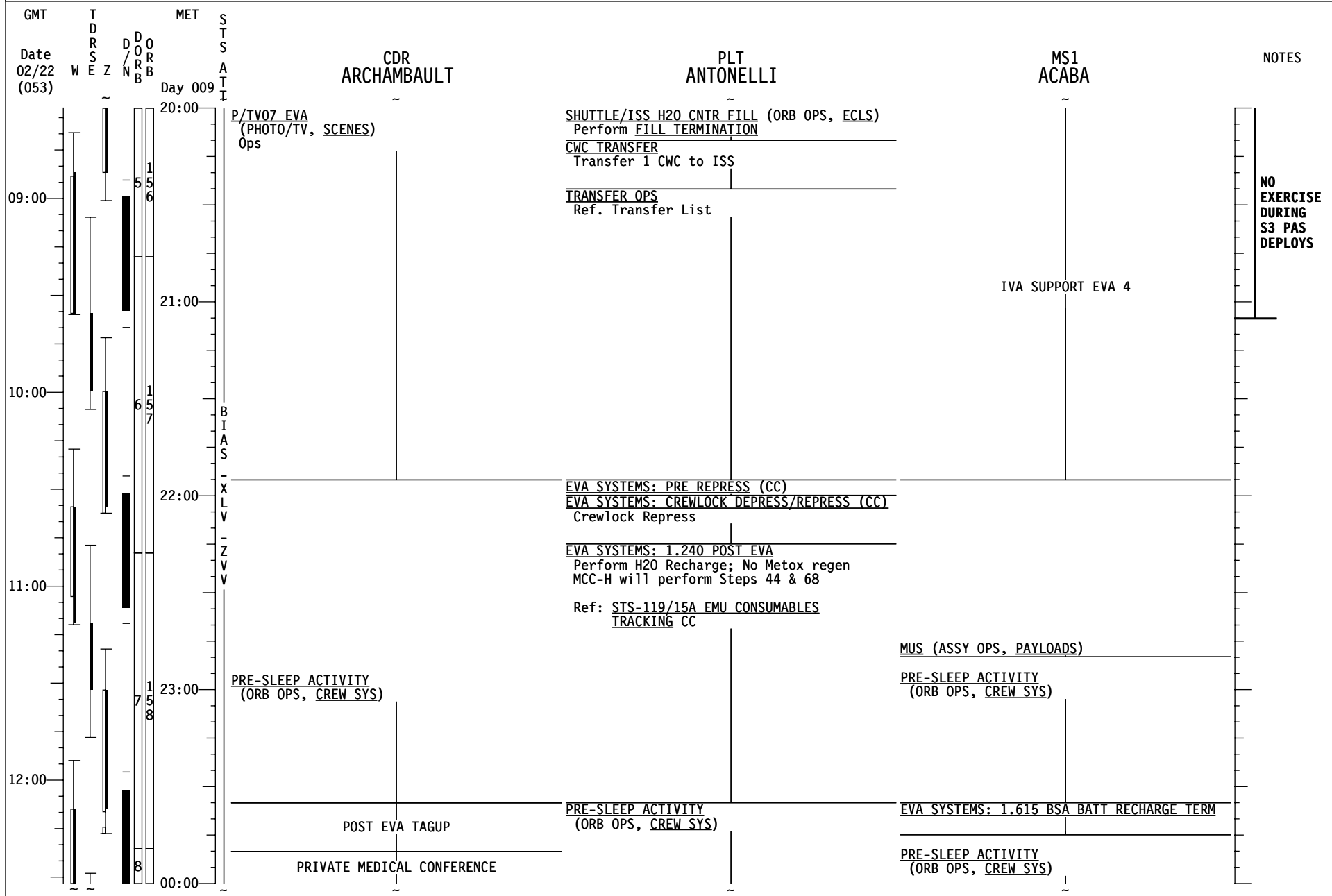
STS-119 FD (11)



STS-119 FD (11)

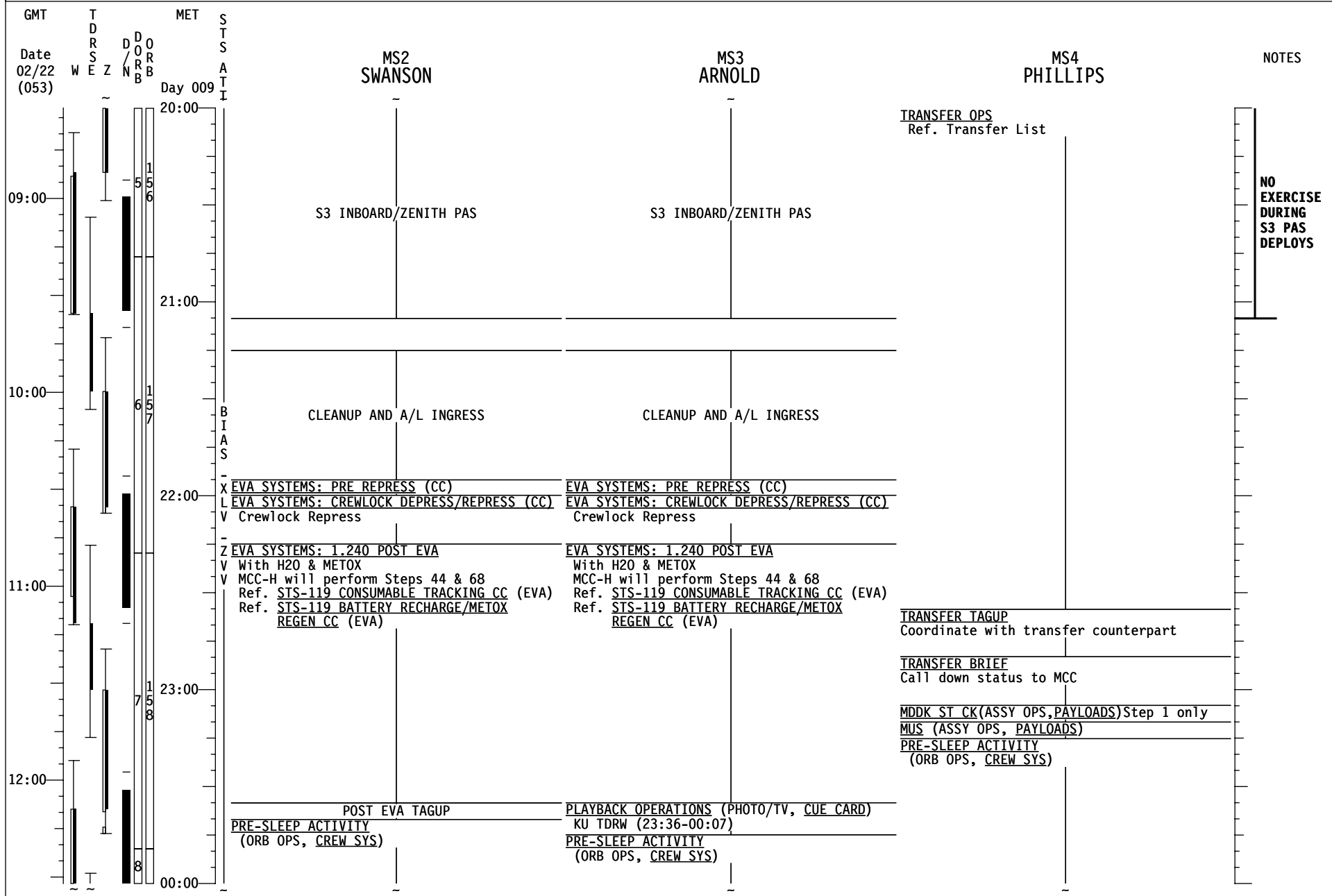


STS-119 FD (11)

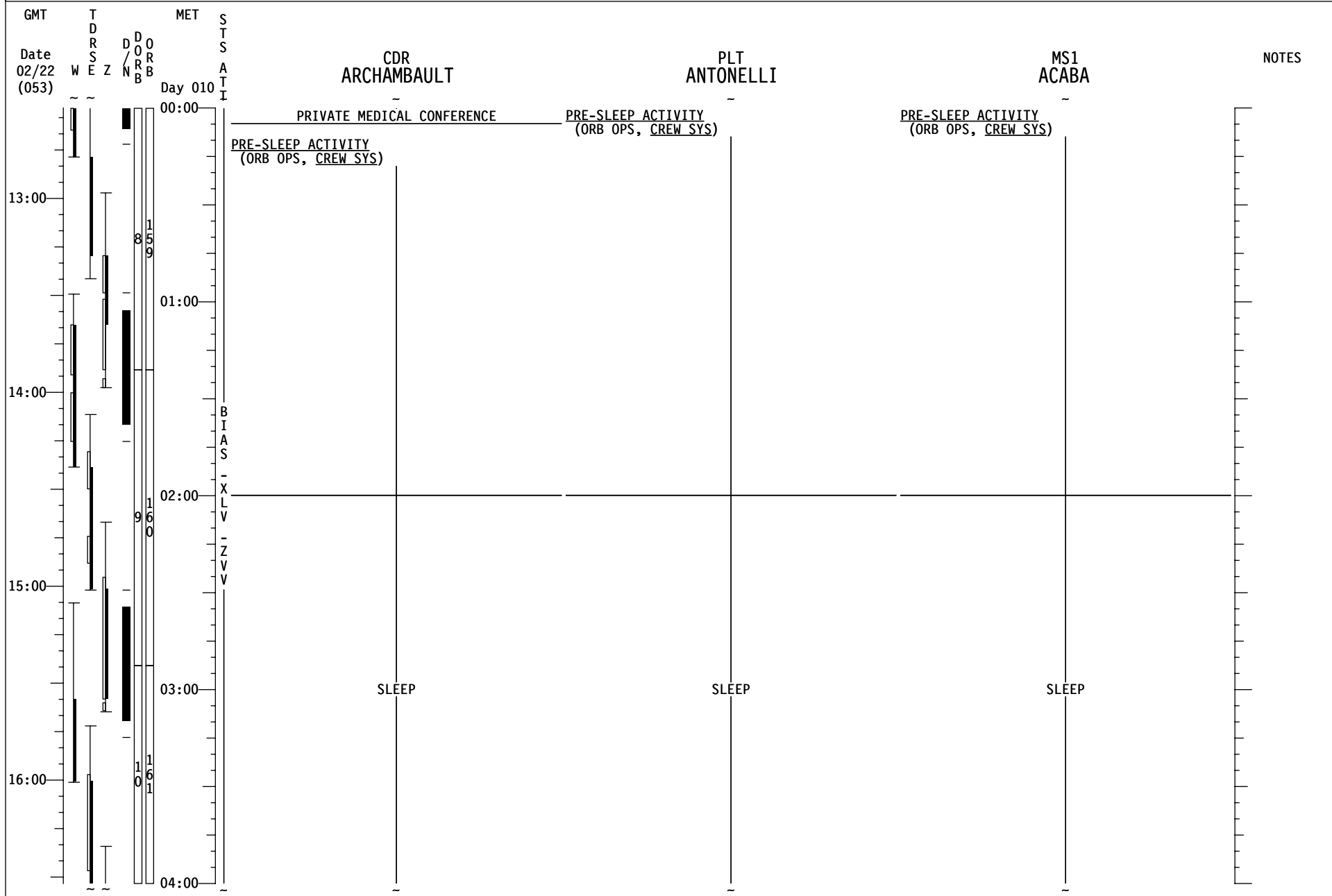


NO EXERCISE DURING S3 PAS DEPLOYS

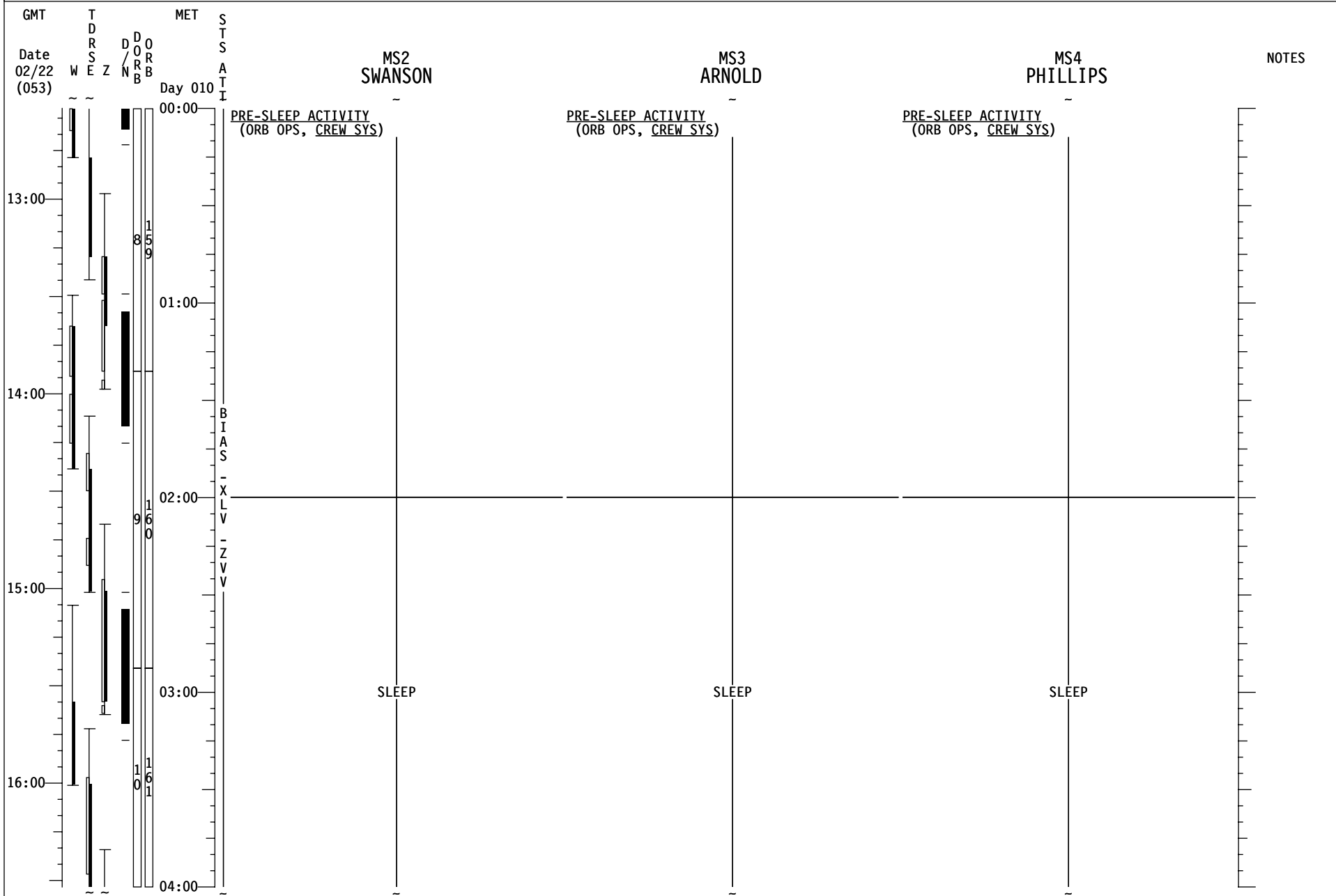
STS-119 FD (11)



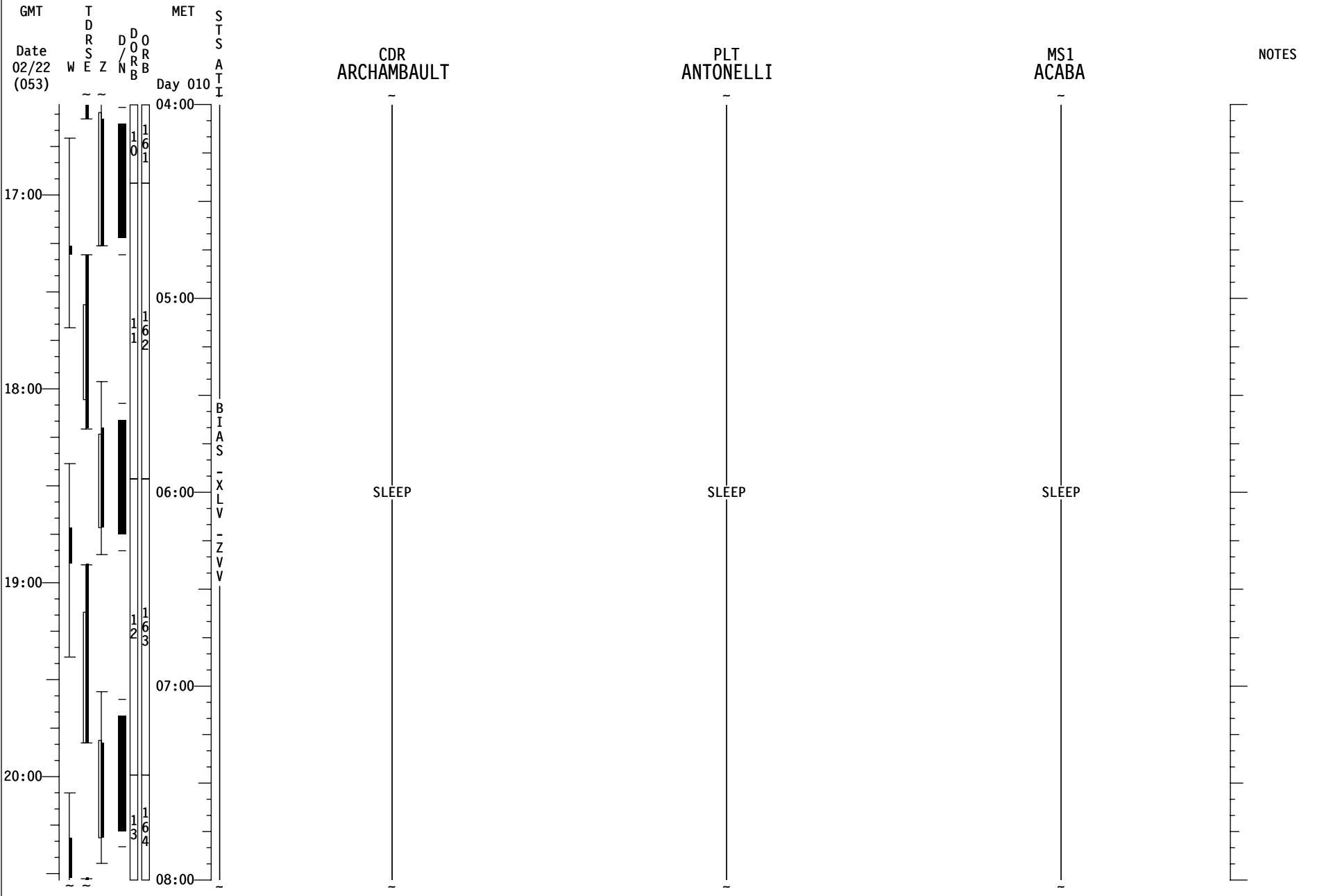
STS-119 FD (11)



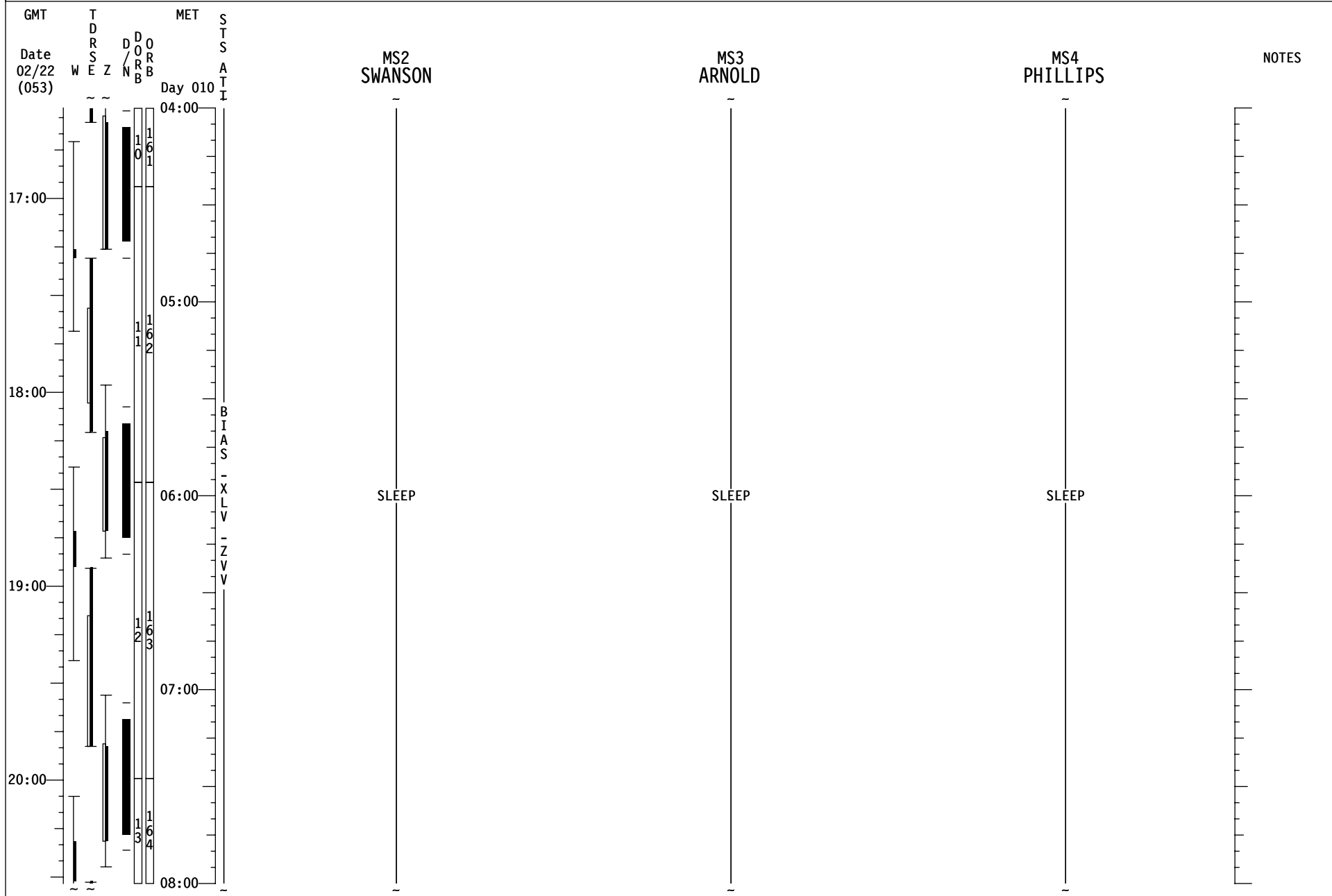
STS-119 FD (11)



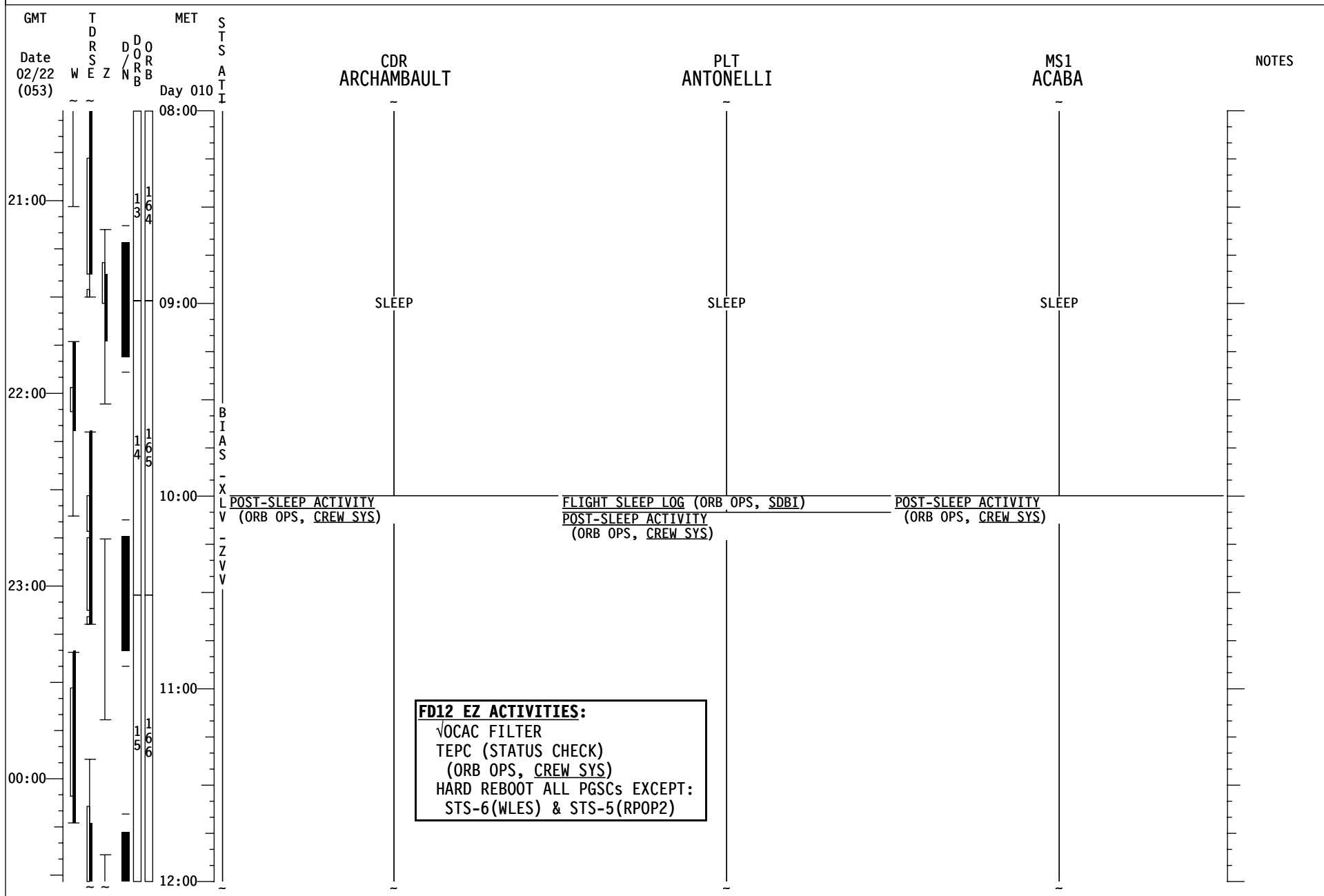
STS-119 FD (11)



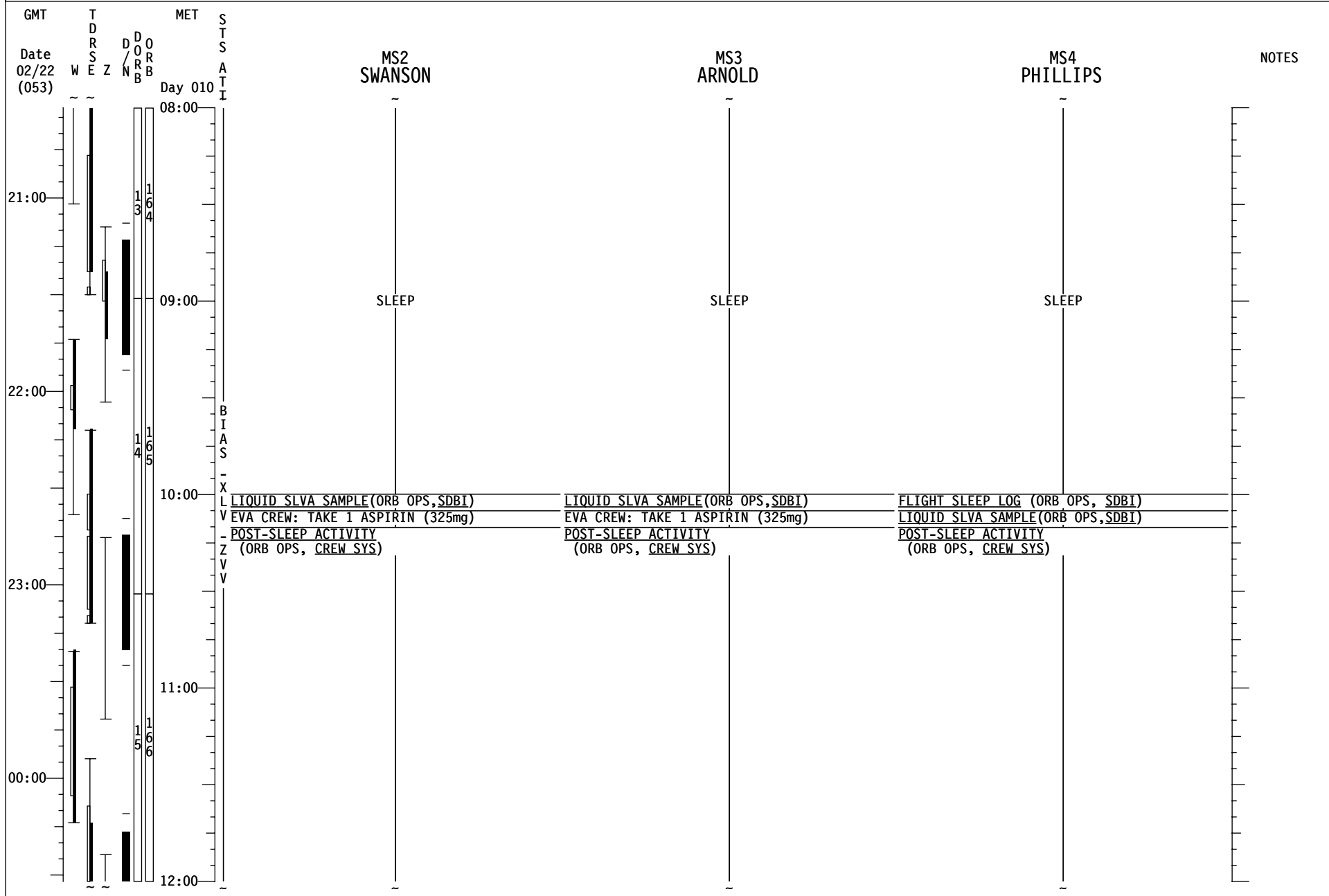
STS-119 FD (11)



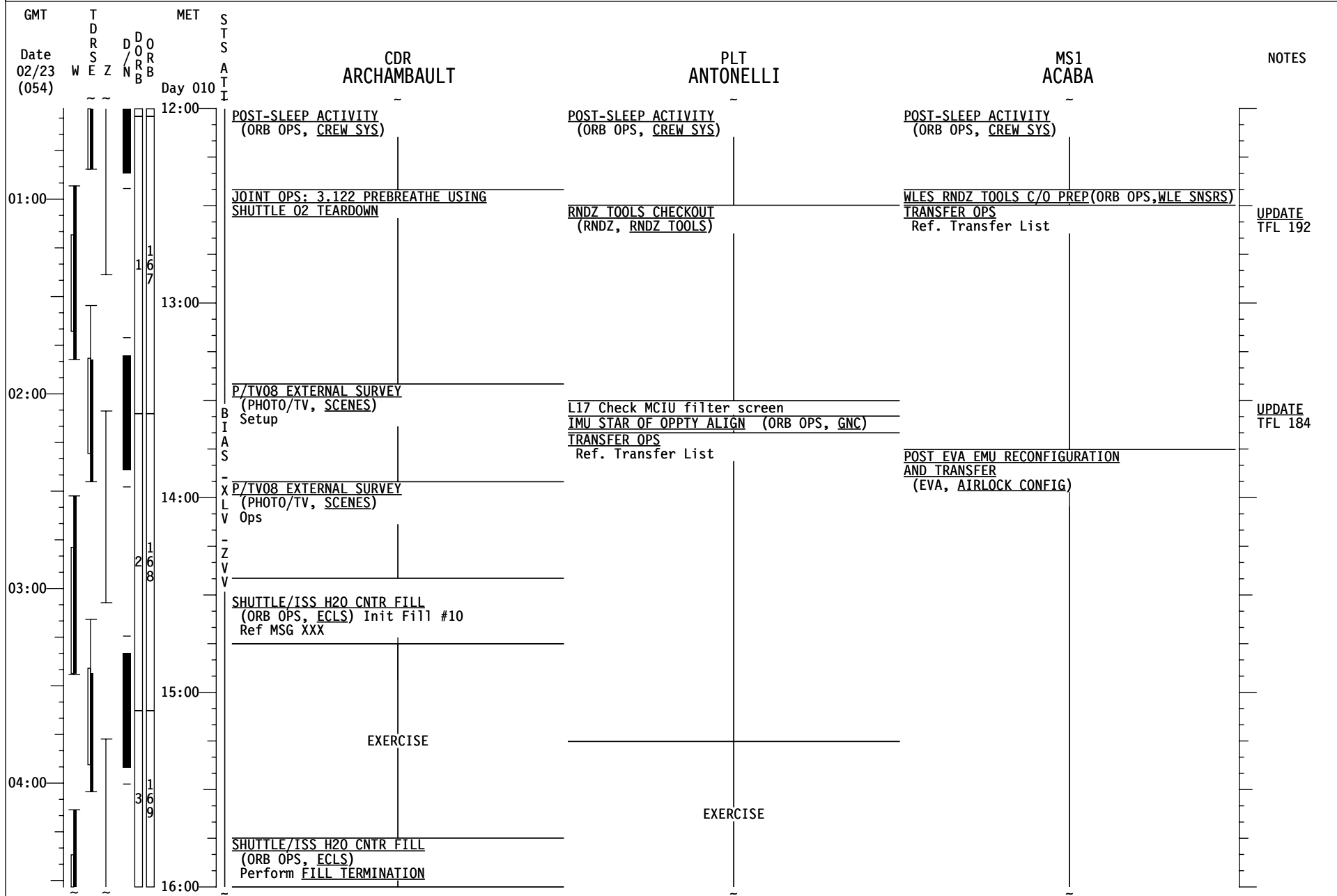
STS-119 FD (12)



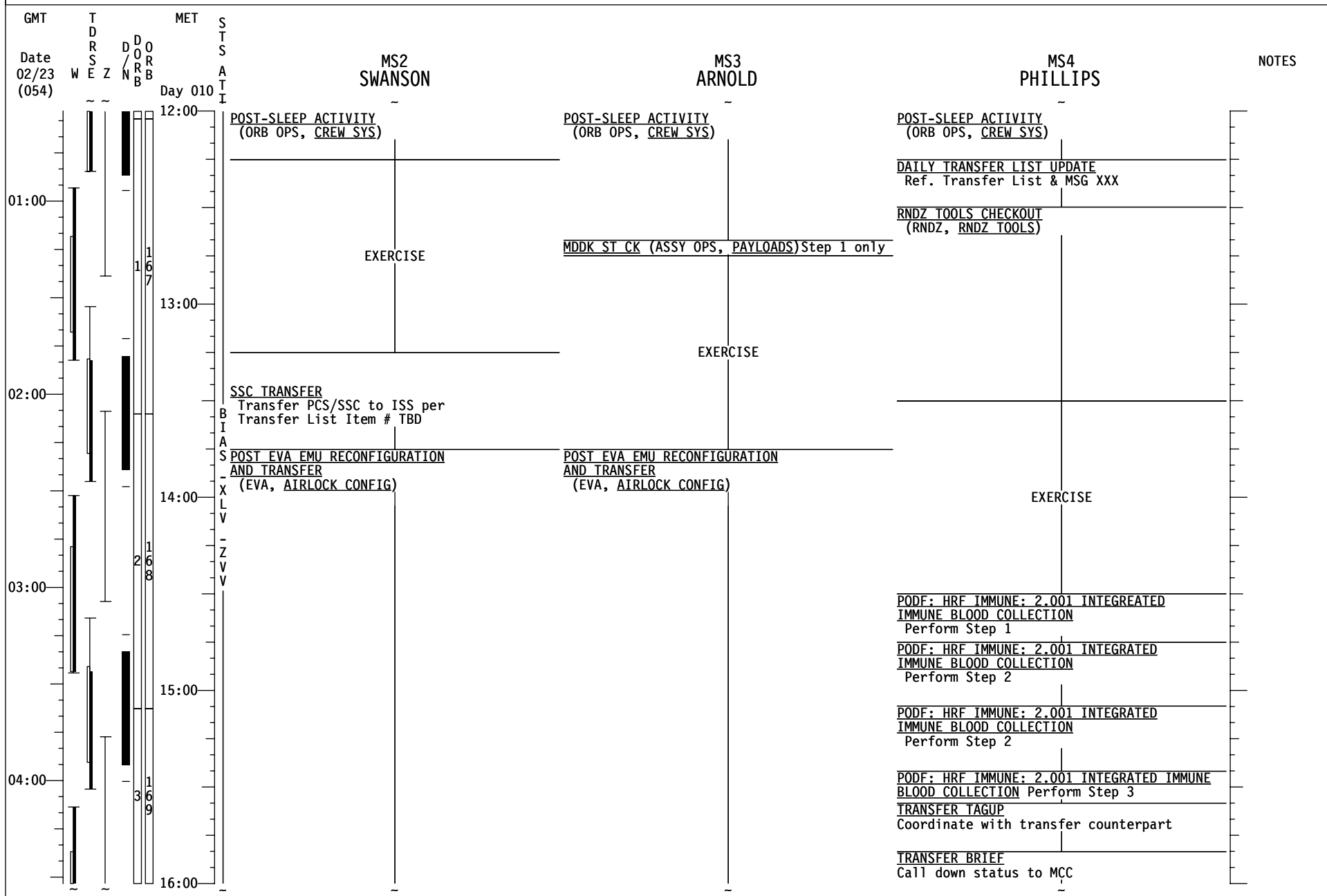
STS-119 FD (12)



STS-119 FD (12)

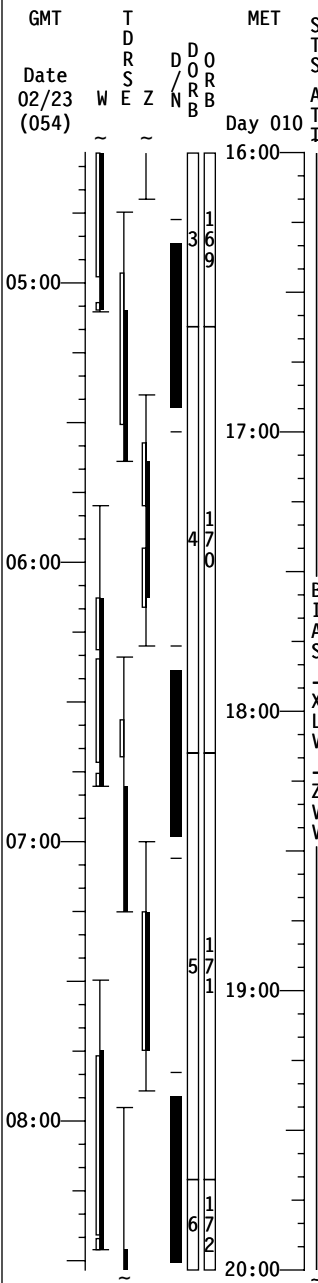


STS-119 FD (12)

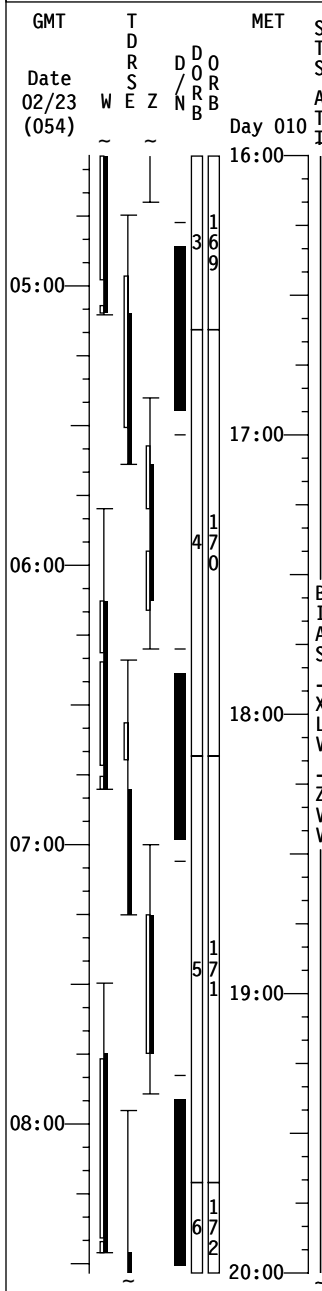
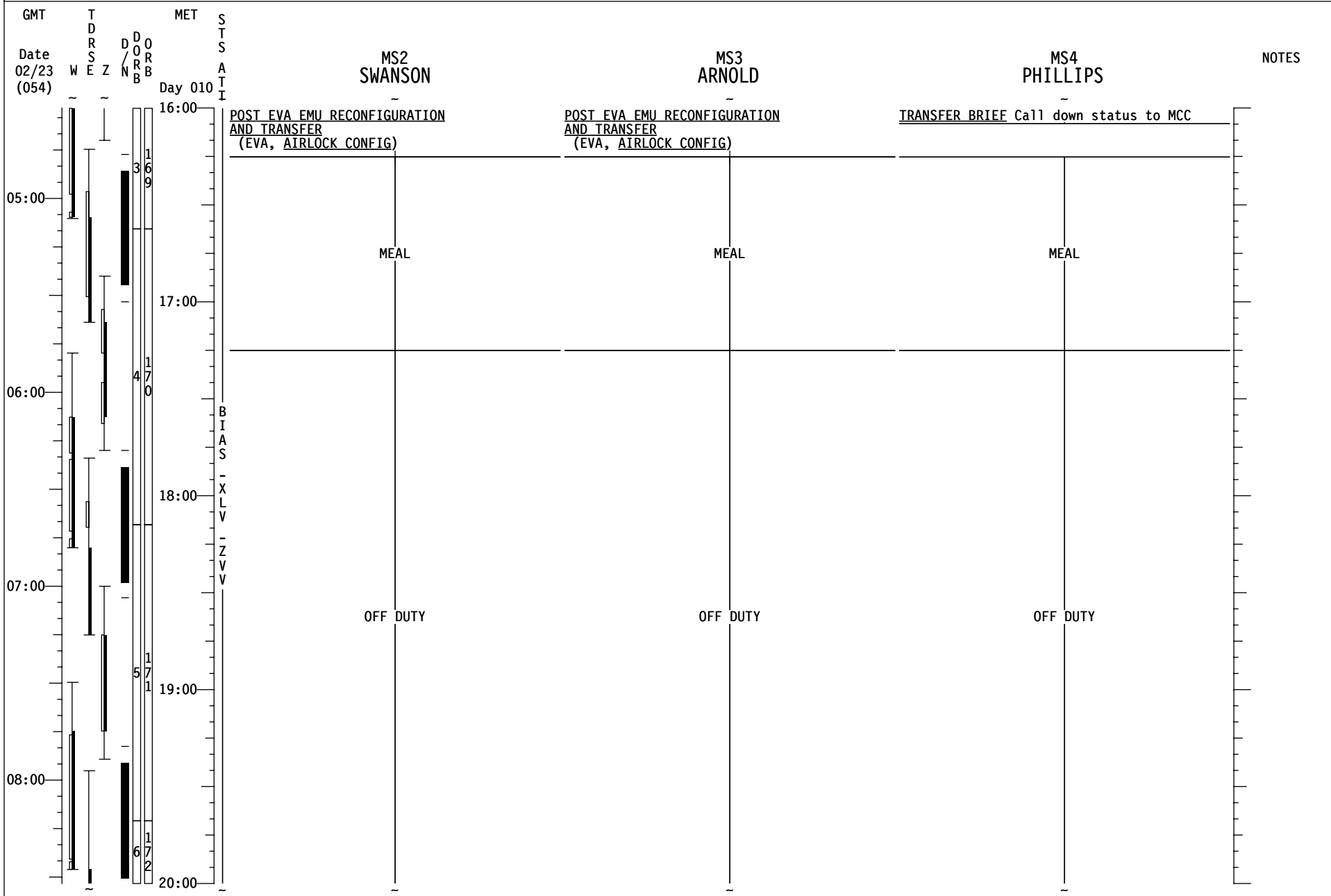


STS-119 FD (12)

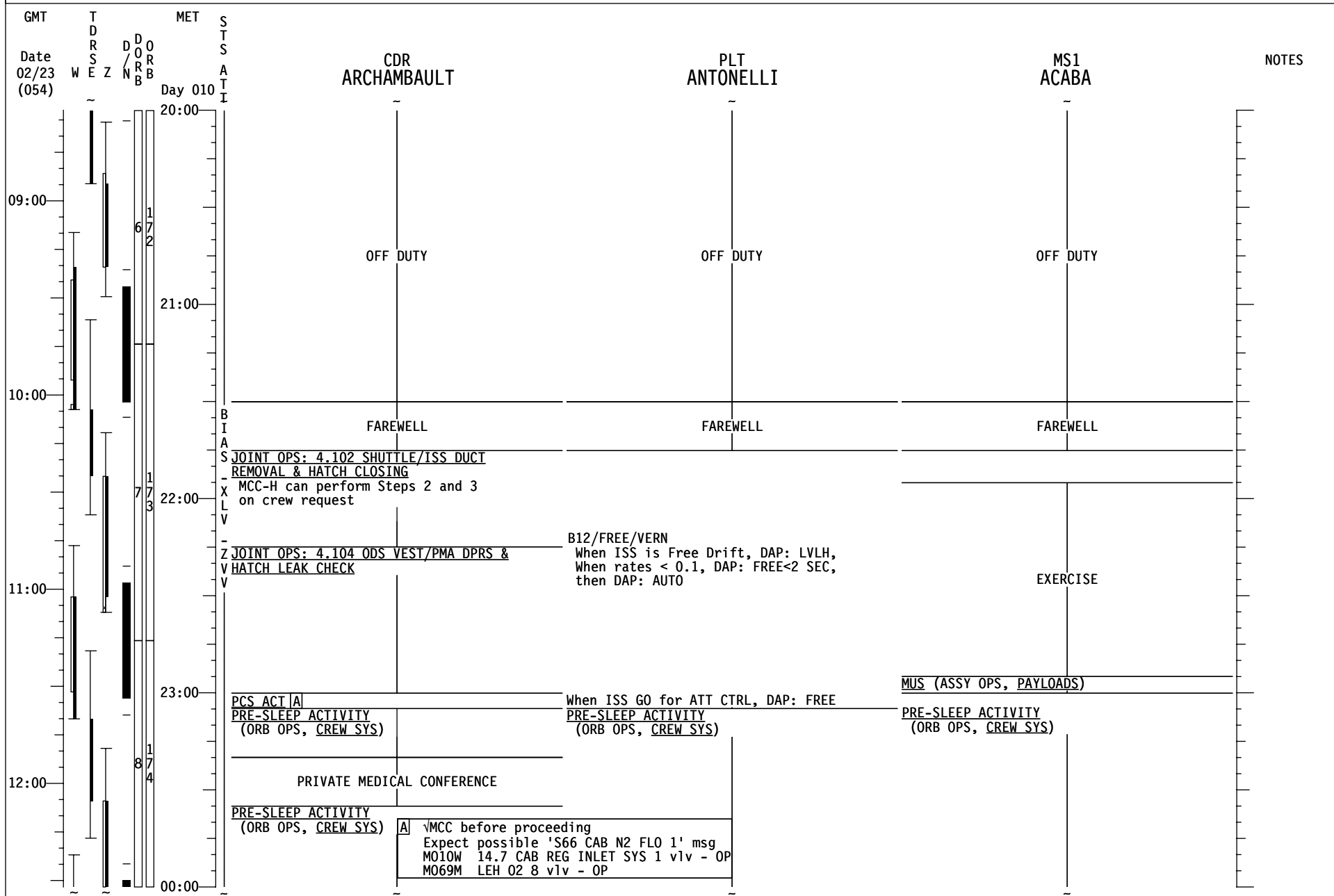
| GMT | TDRS WSEZ | MET | STS A T I | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|------------------------|--------------|---------|--------------------|---------------------------------------|------------------|---|-------|
| Date 02/23 (054) | | Day 010 | | | | | |
| | | | | CWC TRANSFER Transfer 1 CWC to ISS | EXERCISE | POST EVA EMU RECONFIGURATION AND TRANSFER (EVA, AIRLOCK CONFIG) | |
| 05:00 | | | | MEAL | MEAL | MEAL | |
| 06:00 | | | | | | | |
| 07:00 | | | | OFF DUTY | OFF DUTY | OFF DUTY | |
| 08:00 | | | | | | | |
| 20:00 | | | | | | | |



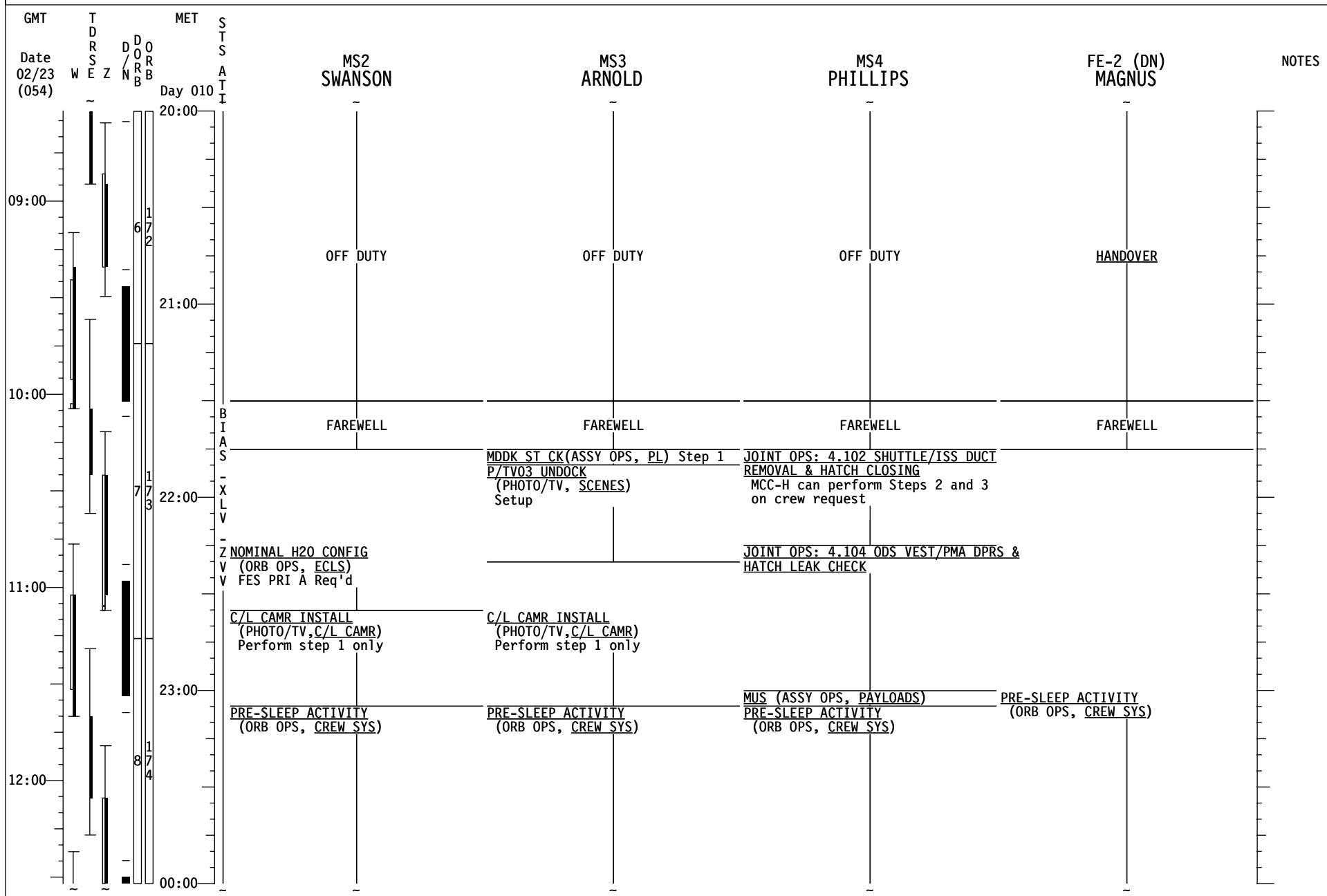
STS-119 FD (12)



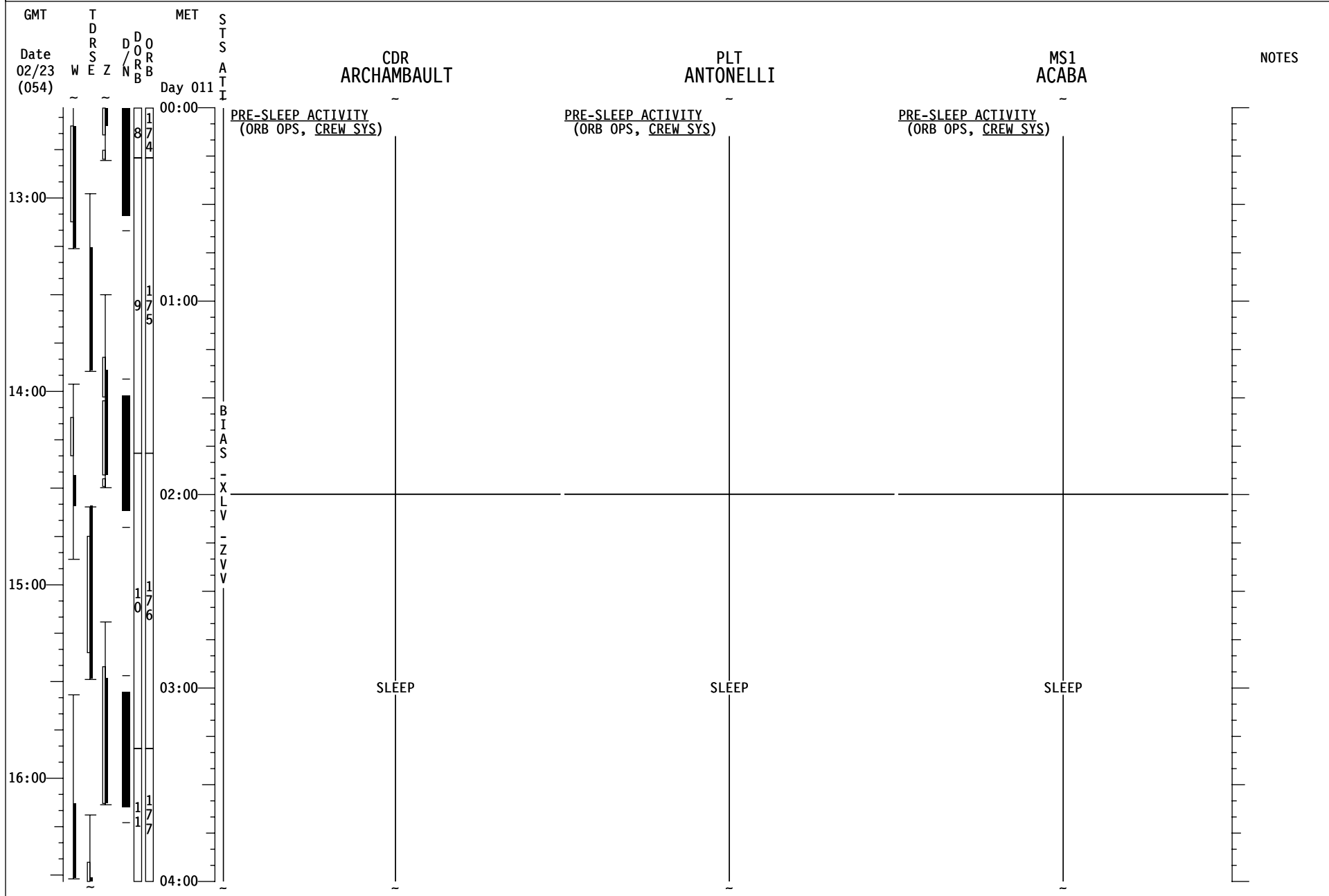
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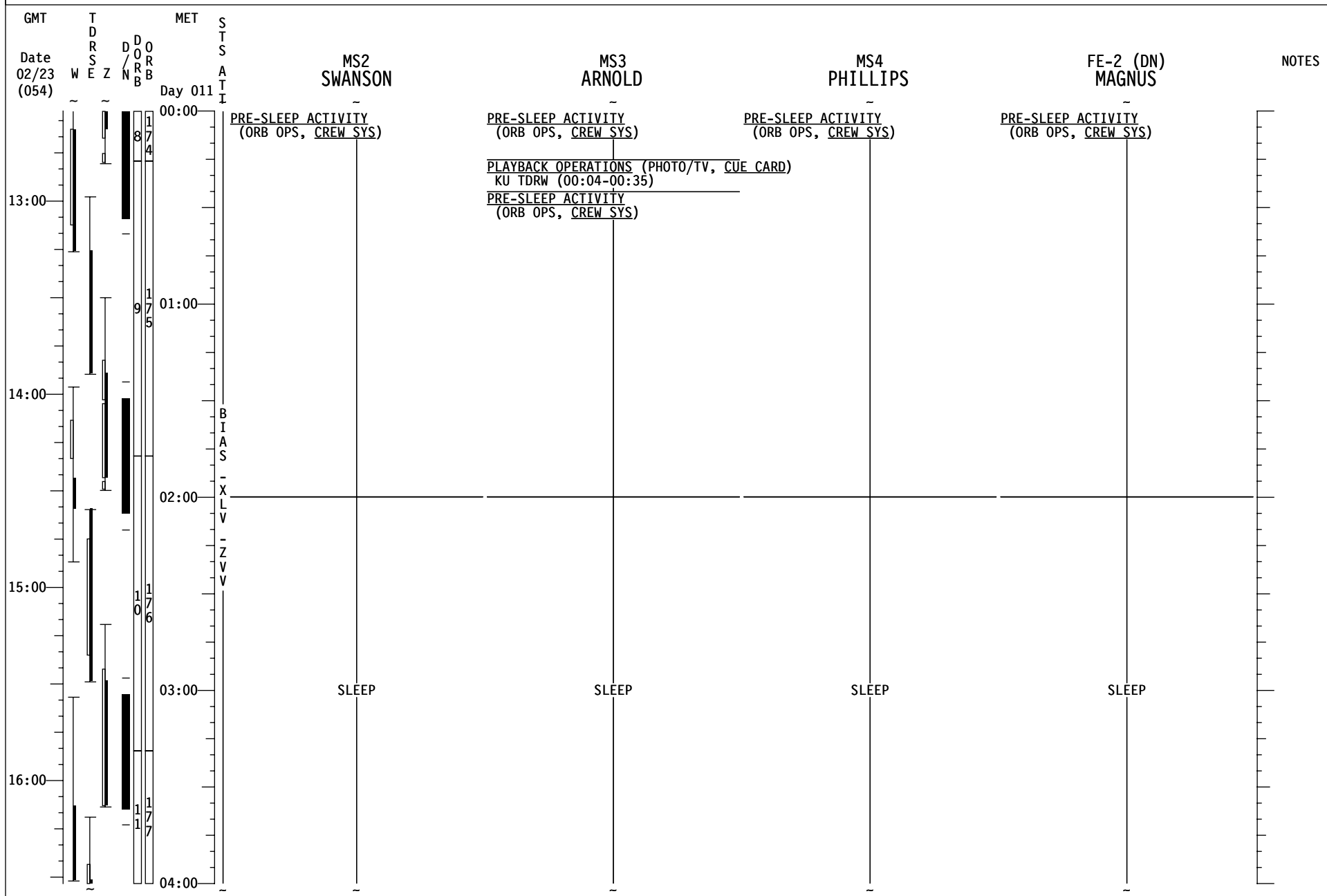
STS-119 FD (12)



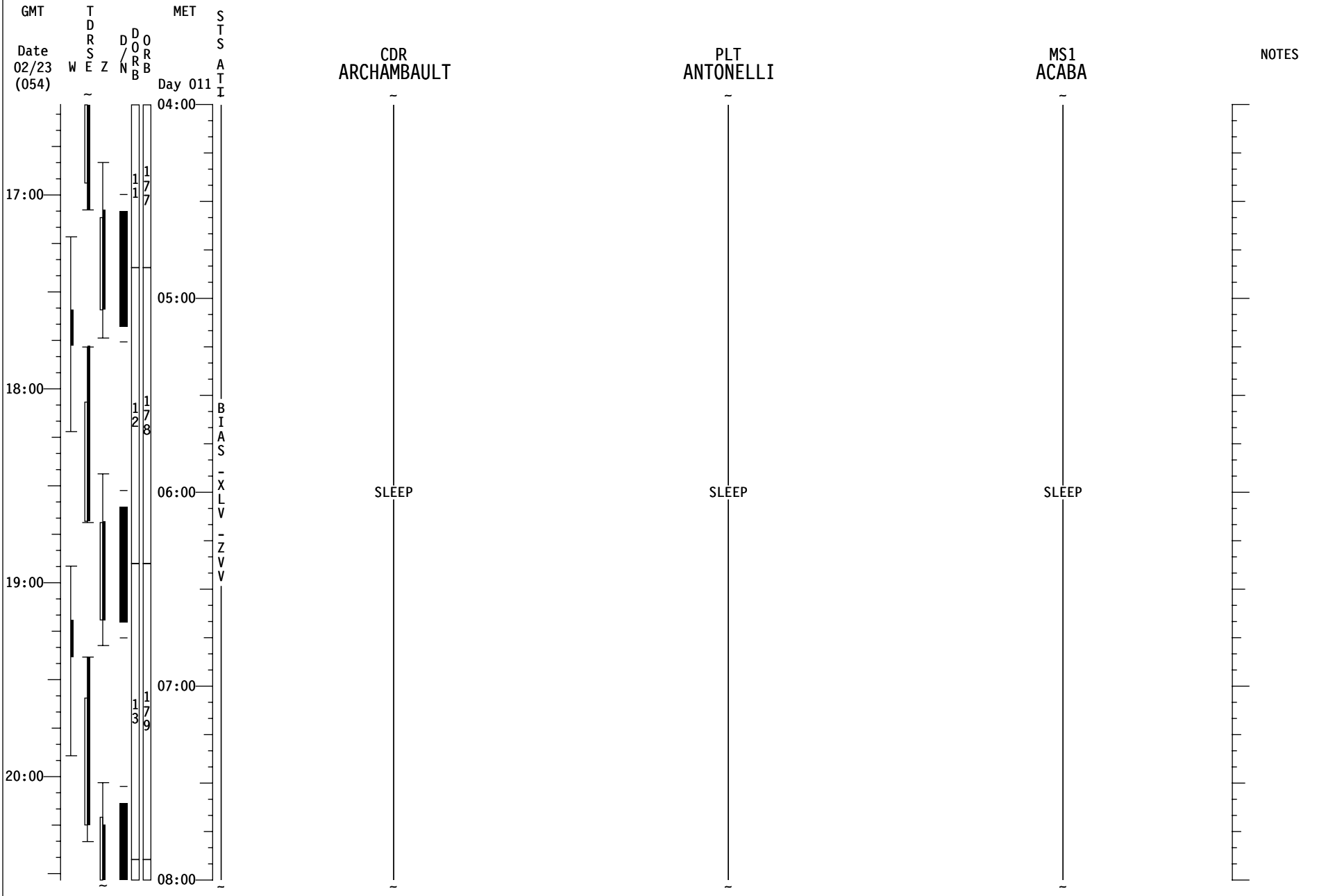
STS-119 FD (12)



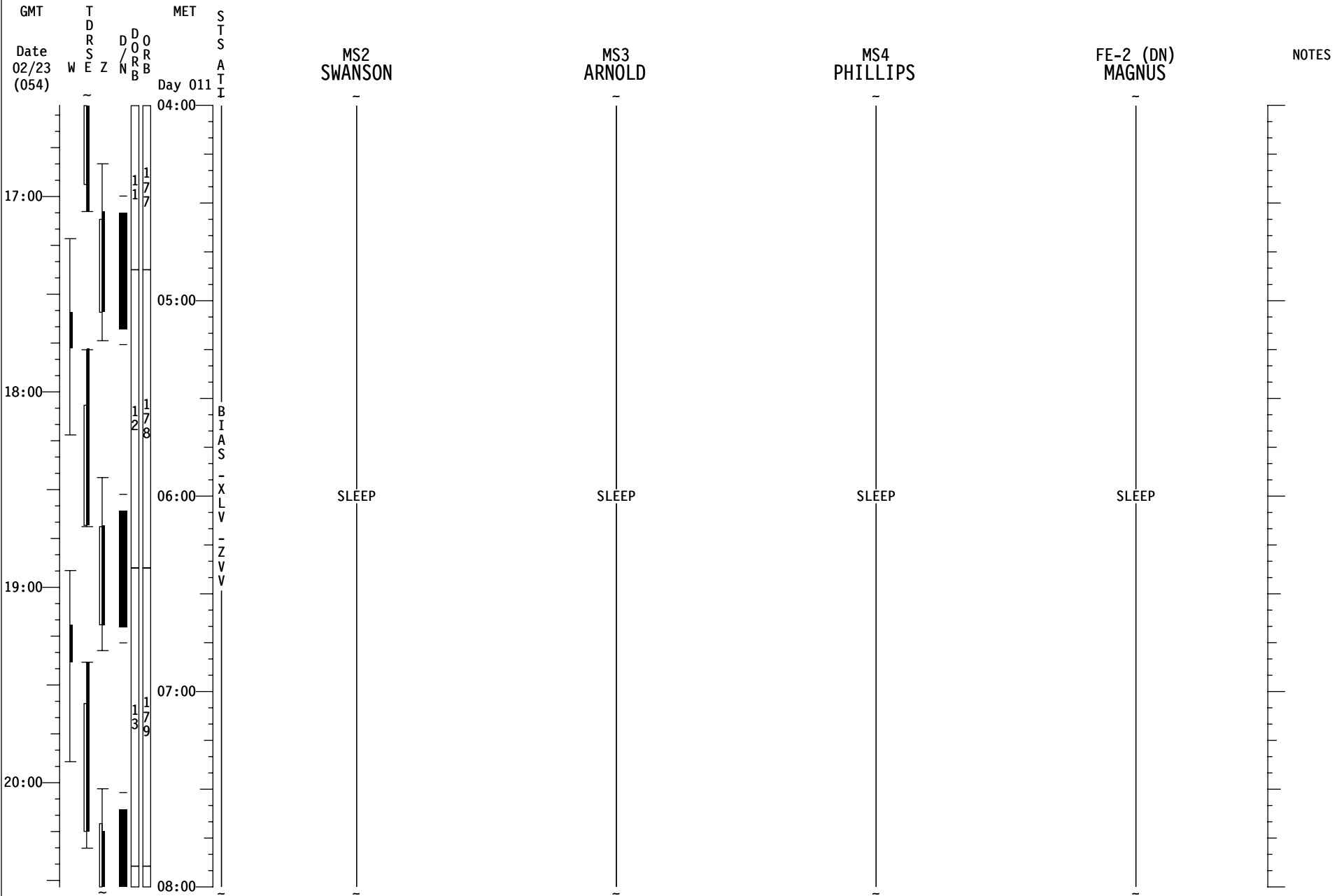
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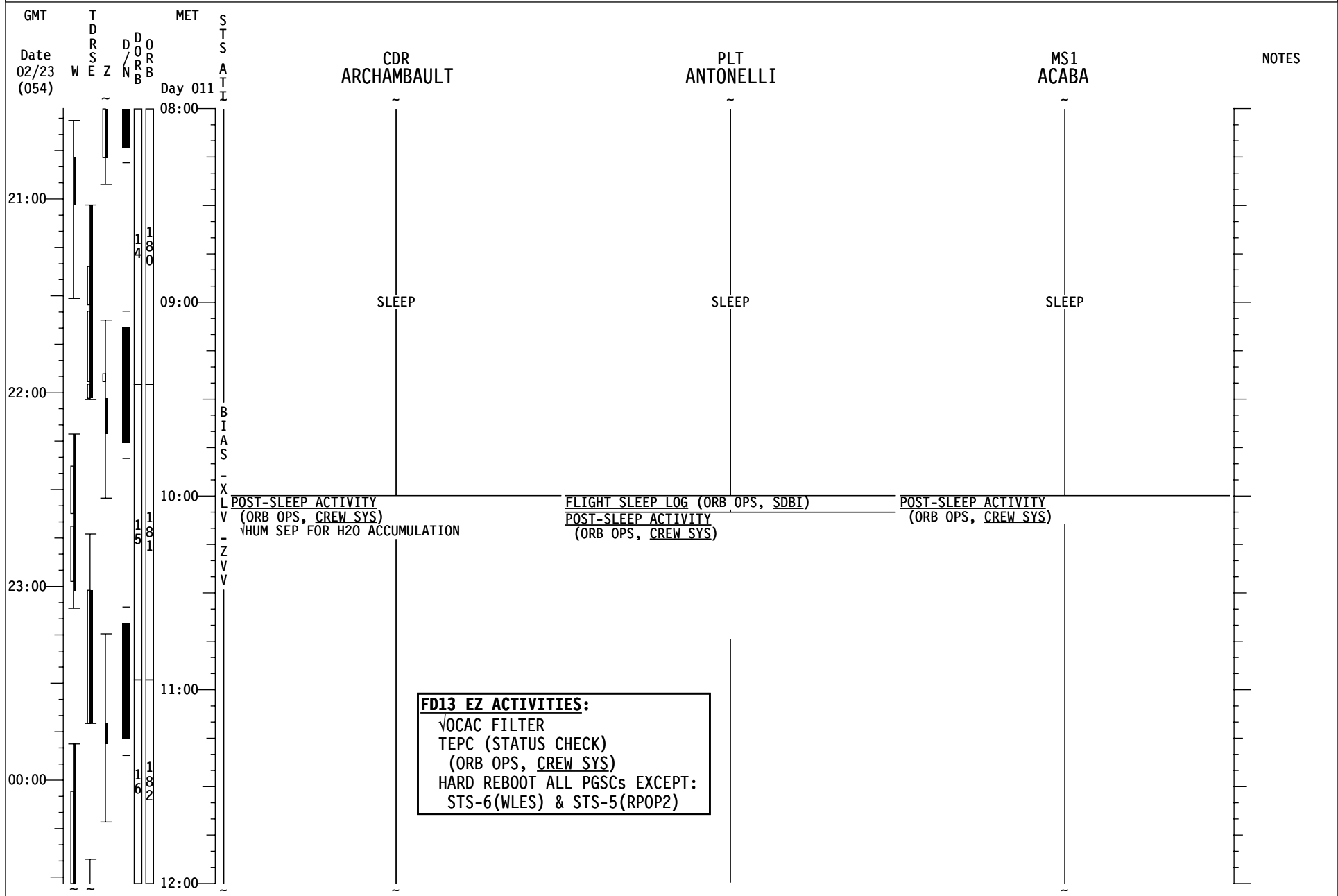
STS-119 FD (12)



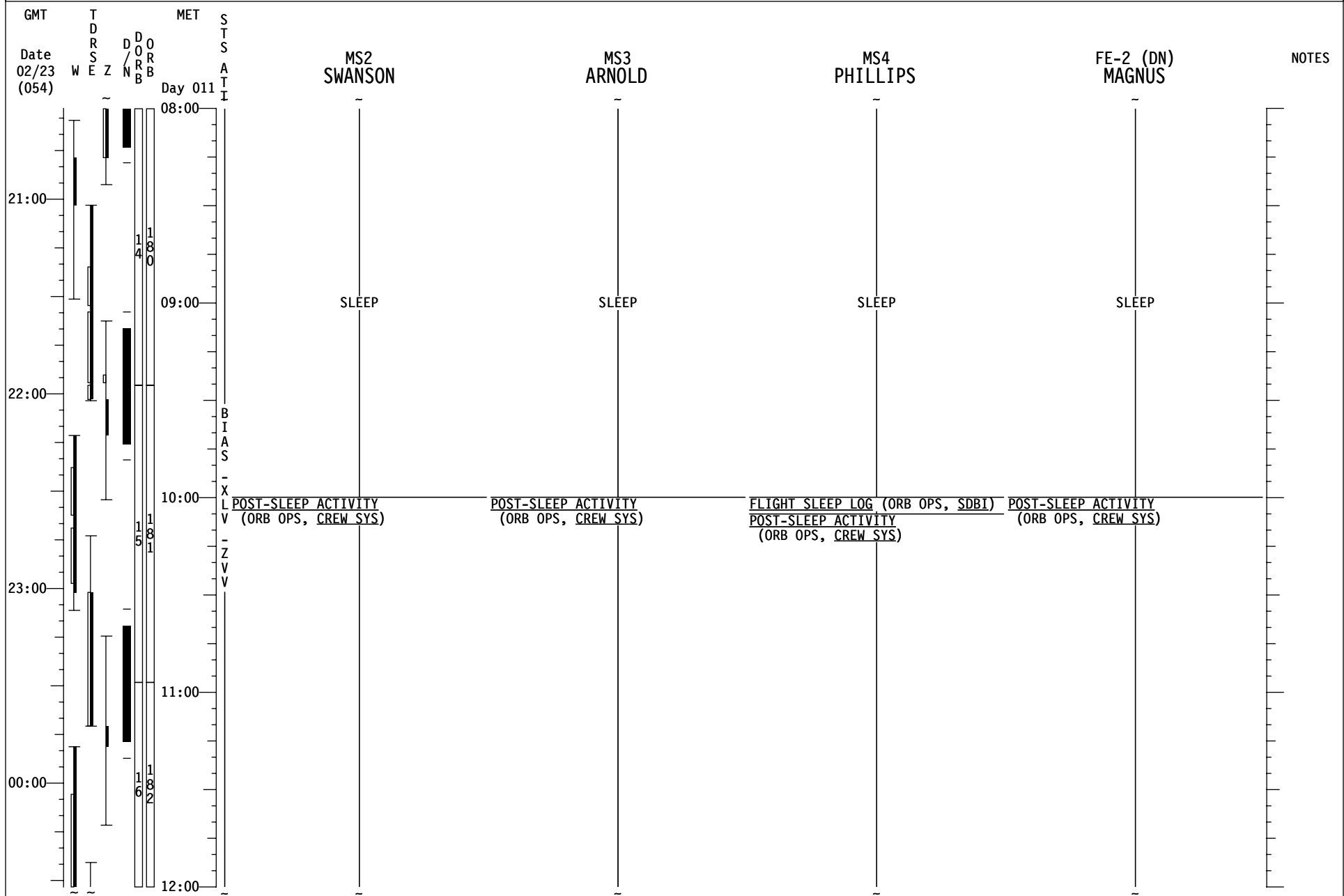
STS-119 FD (12)



STS-119 FD (13)



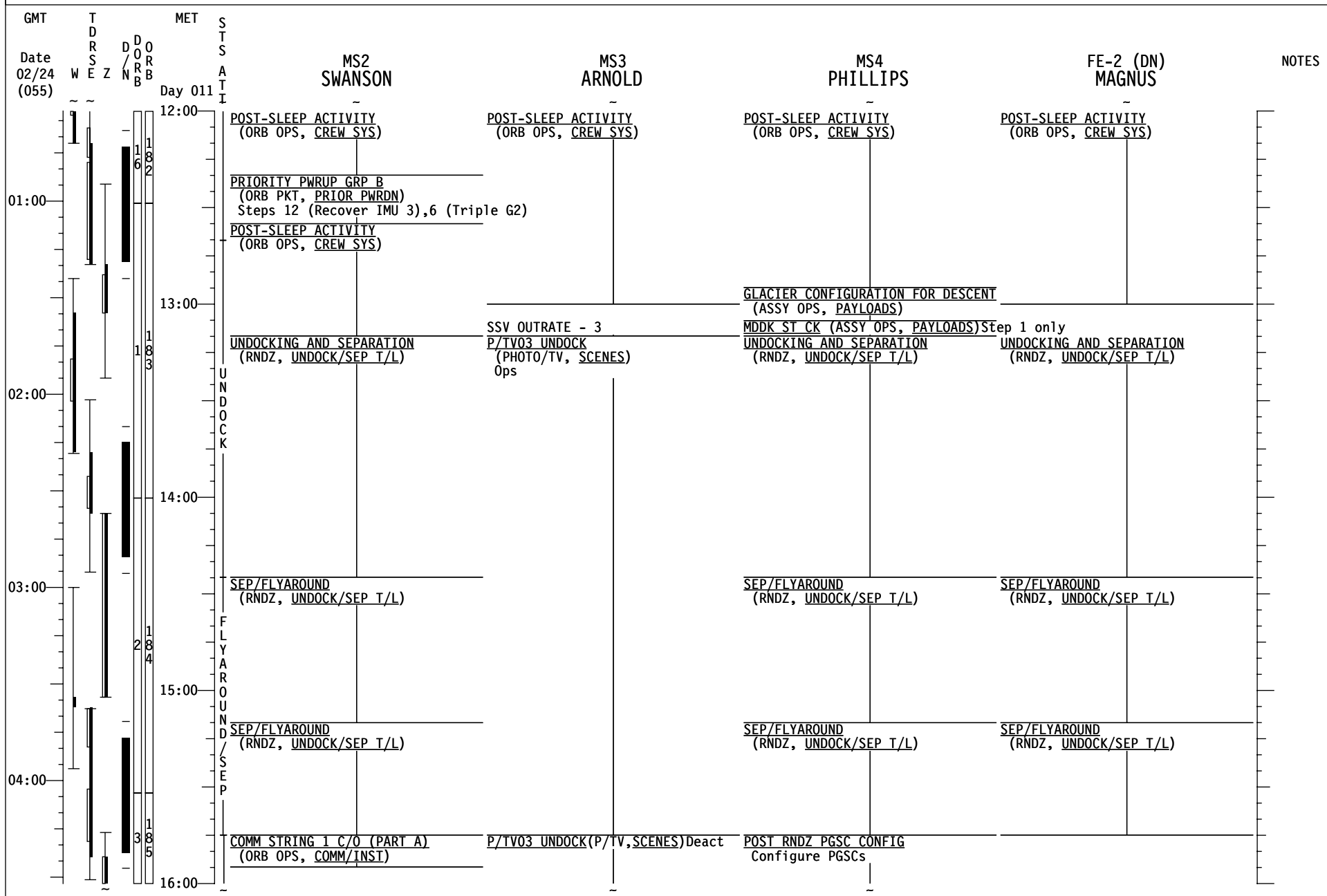
STS-119 FD (13)



STS-119 FD (13)

| GMT Date 02/24 (055) | TDRSEZ W E Z | MET Day 011 | STS A T I | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES | |
|-------------------------------|-----------------|----------------|---|---|---|--|--|--|
| | | | U N D O C K | <p><u>POST-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS) HUM SEP FOR H2O ACCUMULATION</p> <p>06 -Z STR TRK - ON <u>PRIORITY PWRUP GRP B</u> (ORB PKT, PRIOR PWRDN) Steps 12 (Recover IMU 3),6 (Triple G2)</p> <p><u>VA12/FREE/VERN A</u> <u>MNVR (TRK) -XLV +ZVV (UNDOCK)</u> TG=2 BV=5 P=180 Y=0 OM=0 A12/AUTO/VERN, Init TRK</p> | <p><u>POST-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p> <p>SSPTS OPCU DEACT On MCC GO: A15 OPCU 1,2 CONV (two) - OFF R1 MN BUS TIE B - OFF (tb-OFF) C - OFF (tb-OFF)</p> <p><u>IMU STAR OF OPPTY ALIGN</u> (ORB OPS, GNC)</p> | <p><u>POST-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p> | | |
| | | | F L Y A R O U N D / S E P | <p><u>UNDOCKING AND SEPARATION</u> (RNDZ, UNDOCK/SEP T/L)</p> <div style="border: 1px solid black; padding: 2px; margin: 5px 0;"> <p>A] When ISS is Free Drift, DAP: LVLH, When rates < 0.1, DAP: FREE>2 SEC, then DAP: AUTO</p> </div> <p><-- UNDOCK (11/13:58)</p> | <p><u>UNDOCKING AND SEPARATION</u> (RNDZ, UNDOCK/SEP T/L)</p> | <p><u>UNDOCKING AND SEPARATION</u> (RNDZ, UNDOCK/SEP T/L)</p> | <p>UPDATE TFL 192</p> | |
| | | | | | <p><u>SEP/FLYAROUND</u> (RNDZ, UNDOCK/SEP T/L)</p> | <p><u>SEP/FLYAROUND</u> (RNDZ, UNDOCK/SEP T/L)</p> | <p><u>SEP/FLYAROUND</u> (RNDZ, UNDOCK/SEP T/L)</p> | <p>UPLINK β21 Only Box 31,40</p> |
| | | | | | <p><u>SEP/FLYAROUND</u> (RNDZ, UNDOCK/SEP T/L)</p> | <p><u>SEP/FLYAROUND</u> (RNDZ, UNDOCK/SEP T/L)</p> | <p><u>SEP/FLYAROUND</u> (RNDZ, UNDOCK/SEP T/L)</p> | |
| | | | | | <p><u>MNVR (TRK) -ZLV +YVV (DUMP)</u> TG=2 BV=3 OM=270 A1/AUTO/VERN, Init TRK</p> | <p><u>HEATER RECONFIG-CONFIG B</u> (ORB OPS, EPS) <u>CABIN TEMP CONTROLLER RECNFG 2(1)</u> (ORB OPS, ECLS)</p> | <p>SSP1 OIU PWR - OFF (tb-bp) Expect 'S62 BCE BYP PSP' msg</p> | |
| | | | | | | | | |

STS-119 FD (13)



STS-119 FD (13)

| GMT | TDRSEZ W E Z | MET Day 011 | S T S A T I | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|------------------|-----------------|----------------|----------------------------|--|--|---|--|
| Date 02/24 (055) | | | | | | | |
| 05:00 | | | | | | | |
| 06:00 | | | | | | | |
| 07:00 | | | | | | | |
| 08:00 | | | | | | | |
| 16:00 | | | | <u>SUPPLY/WASTE WATER DUMP</u> (ORB OPS, ECLS) Initiate Waste Dump | <u>PRIORITY PWRDN GRP B</u> (ORB PKT, PRIOR PWRDN) Steps 5,6(Single G2),9,10 & 12 (IMU 3 STBY-ITEM 23 EXEC) | <u>6.106 SSOR DEACTIVATION</u> (JOINT OPS, COMM/DATA) | <u>UPDATE</u> TFL 188 <u>UPDATE</u> H2O WASTE DUMP QTY |
| 17:00 | | | | MEAL | MEAL | MEAL | <u>UPLINK</u> β21 + Mask |
| 18:00 | | | | | | | |
| 19:00 | | | | | | | |
| 20:00 | | | | | | | |
| | | | | <u>SUPPLY/WASTE WATER DUMP</u> (ORB OPS, ECLS) Terminate Waste Dump | <u>OBSS UNBERTH</u> (PDRS, OBSS OPERATIONS) | <u>OBSS UNBERTH</u> (PDRS, OBSS OPERATIONS) | |
| | | | | <u>MNVR (TRK) BIAS +YSI (Stbd Survey)</u> TG=4 BV=5 P=0 Y=40 OM=50 A14/AUTO/VERN, Init TRK | <u>OBSS LDRI/IDC RCC SURVEY - STBD</u> (PDRS, OBSS OPERATIONS) | <u>OBSS LDRI/IDC RCC SURVEY - STBD</u> (PDRS, OBSS OPERATIONS) | |
| | | | | EXERCISE | | | |

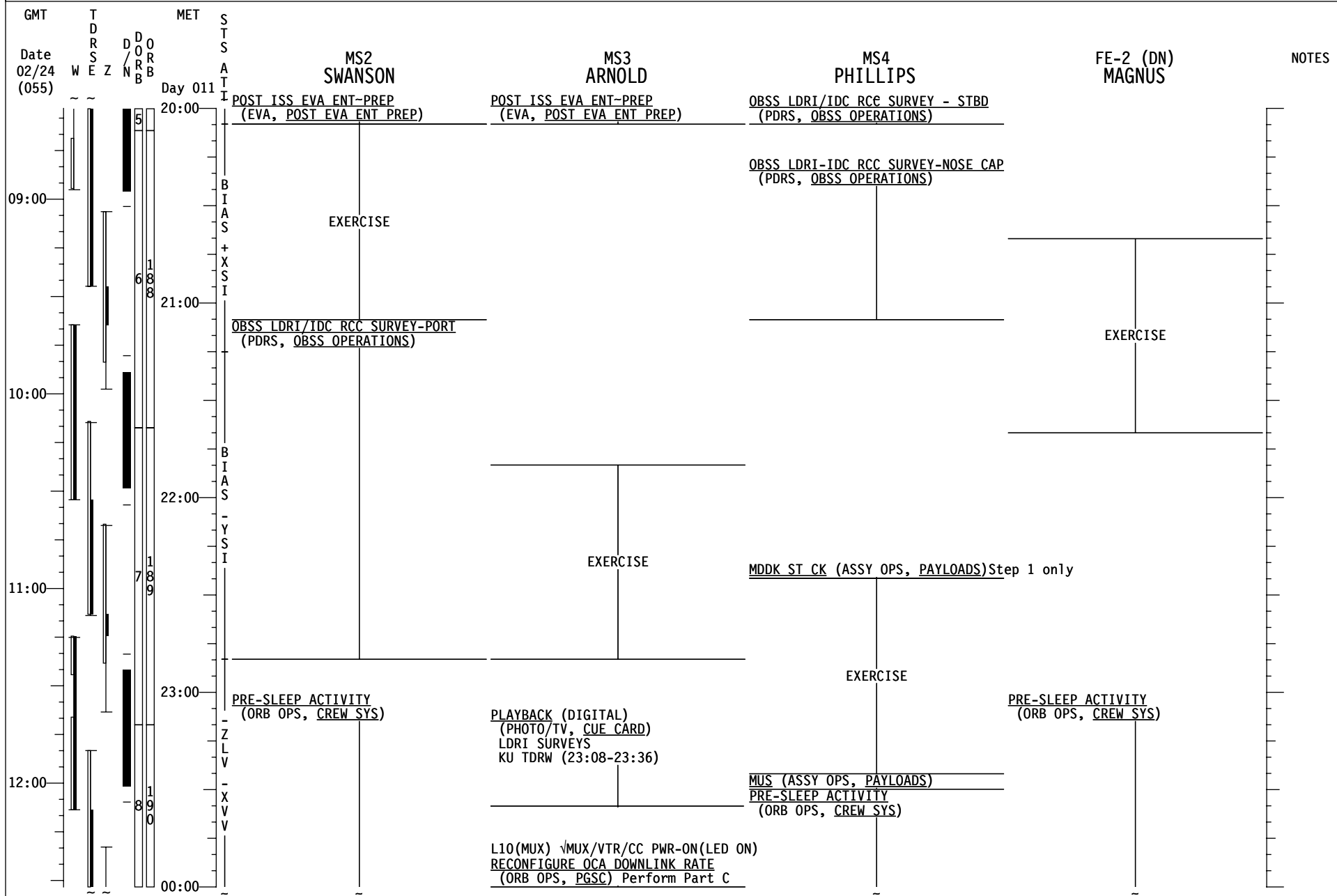
STS-119 FD (13)

| GMT | TDRSEZ | MET | SATS | MS2 SWANSON | MS3 ARNOLD | MS4 PHILLIPS | FE-2 (DN) MAGNUS | NOTES |
|------------------|--------|---------|-------|--|---|--|------------------|-------|
| Date 02/24 (055) | W E Z | Day 011 | 16:00 | | | | | |
| | DORBN | | | <p><u>PRIOR PWRDN GRP B(OPCL,PRI PWRDN) P/TV03 UNDOCK(P/TV,SCENES)Deact</u> Steps 5,6(Single G2),9,10 & 12 SSV OUTFATE - 4 (IMU 3 STBY-ITEM 23 EXEC)</p> | | | | |
| | | | | <p><u>POST RNDZ PGSC CONFIG</u> Configure PGSCs</p> | | | | |
| | | | | <p><u>WLES DK/UNDK RECOVERY(ORB OPS,WLE SENSORS)</u></p> | | | | |
| 05:00 | | | | MEAL | MEAL | MEAL | MEAL | |
| | | | | | | | | |
| 06:00 | | | | <p><u>PLAYBACK OPERATIONS</u> (PHOTO/TV, CUE CARD) KU TDRE (17:21-17:47)</p> | | | | |
| | | | | <p><u>SHUTTLE CONDENSATE COLLECTION</u> (ORB OPS, ECLS) Perform TEARDOWN</p> | | | | |
| | | | | <p><u>EMU INSTALLATION</u> (EVA, AIRLOCK CONFIG)</p> | <p><u>EMU INSTALLATION</u> (EVA, AIRLOCK CONFIG)</p> | | | |
| 07:00 | | | | <p><u>POST EVA EMU RECONFIGURATION AND TRANSFER</u> (EVA, AIRLOCK CONFIG) Perform EVA UNPACK AND STOW</p> | <p><u>POST EVA EMU RECONFIGURATION AND TRANSFER</u> (EVA, AIRLOCK CONFIG) Perform EVA UNPACK AND STOW</p> | <p><u>OBSS LDRI/IDC RCC SURVEY - STBD</u> (PDRS, OBSS OPERATIONS)</p> | EXERCISE | |
| | | | | <p><u>POST ISS EVA ENT PREP</u> (EVA, POST EVA ENT PREP)</p> | | | | |
| 08:00 | | | | | | | | |
| | | | | | | | | |
| 20:00 | | | | | | | | |

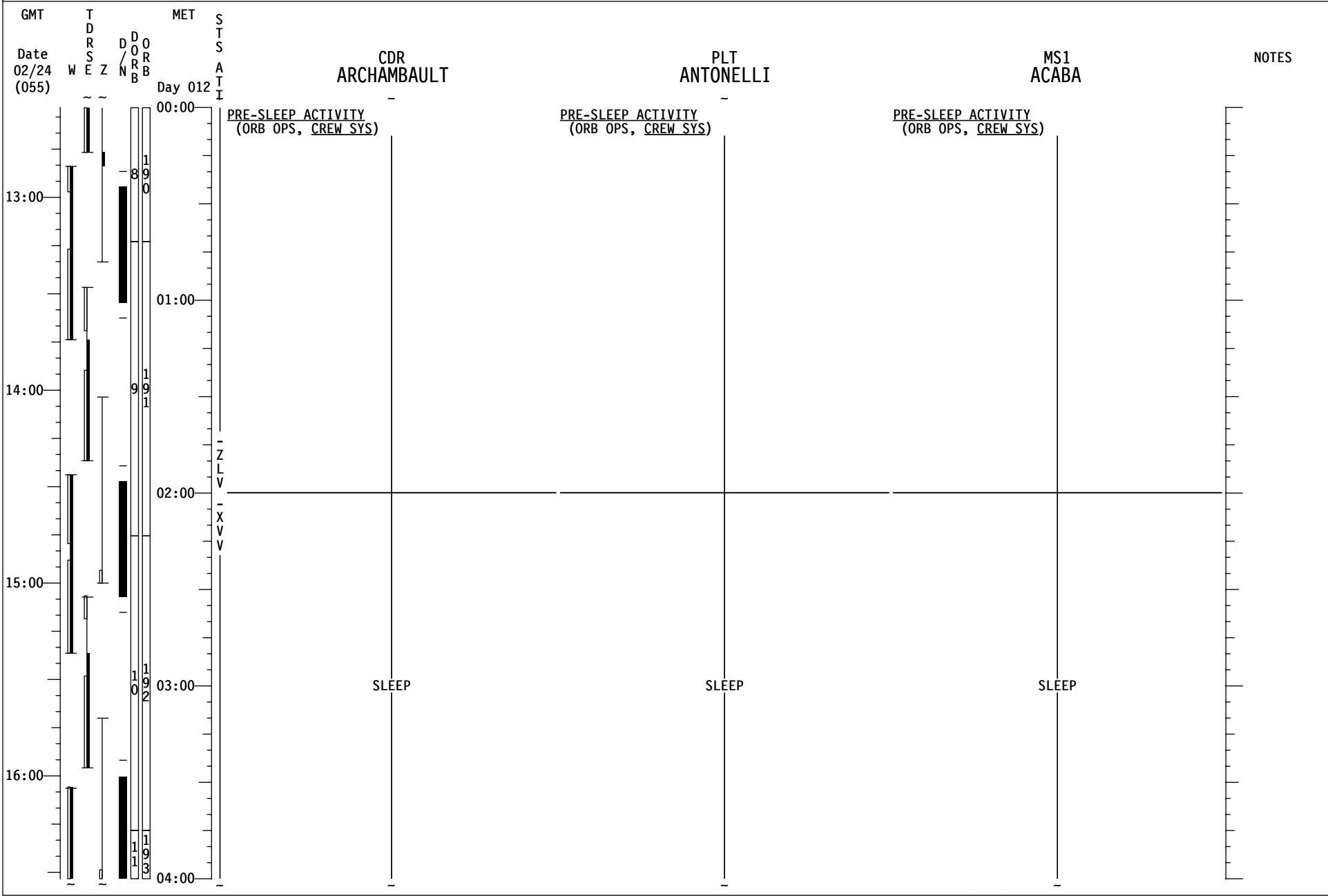
STS-119 FD (13)

| GMT | TDRSEZ Date 02/24 (055) | MET Day 011 | STS A T I | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|-------|----------------------------------|----------------|--------------------------------------|---|--|--|-------|
| | | | | <p>MNVR (TRK) BIAS +XSI (Nose Cap Survey) TG=4 BV=5 P=330 Y=0 OM=95 A14/AUTO/VERN, Init TRK</p> | <p>OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS OPERATIONS)</p> | <p>OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS OPERATIONS)</p> | |
| 09:00 | | | B I A S + X S I | <p>OBSS LDRI-IDC RCC SURVEY-NOSE CAP (PDRS, OBSS OPERATIONS)</p> | <p>FILTER CLEANING (IFM, SCHEDULED MAINTENANCE)</p> | <p>OBSS LDRI-IDC RCC SURVEY-NOSE CAP (PDRS, OBSS OPERATIONS)</p> | |
| 10:00 | | | | <p>In step 3 of OBSS/LDRI RCC SURVEY-PORT MNVR (TRK) BIAS -YSI (Port Survey) TG=4 BV=5 P=0 Y=323 OM=240 A14/AUTO/VERN, Init TRK OBSS LDRI/IDC RCC SURVEY-PORT (PDRS, OBSS OPERATIONS)</p> | <p>OBSS LDRI/IDC RCC SURVEY-PORT (PDRS, OBSS OPERATIONS)</p> | | |
| 11:00 | | | B I A S - Y S I | | | EXERCISE | |
| 12:00 | | | | <p>MNVR (TRK) -ZLV -XVV TG=2 BV=3 OM=0 A1/AUTO/VERN, Init TRK</p> | <p>OBSS BERTH (PDRS, OBSS OPERATIONS)</p> | <p>OBSS BERTH (PDRS, OBSS OPERATIONS)</p> | |
| | | | Z L V | <p>06 UHF MODE - OFF PRIVATE MEDICAL CONFERENCE</p> | | | |
| | | | | <p>PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)</p> | | | |
| 00:00 | | | X V V | | <p>PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)</p> | <p>MUS (ASSY OPS, PAYLOADS)</p> | |

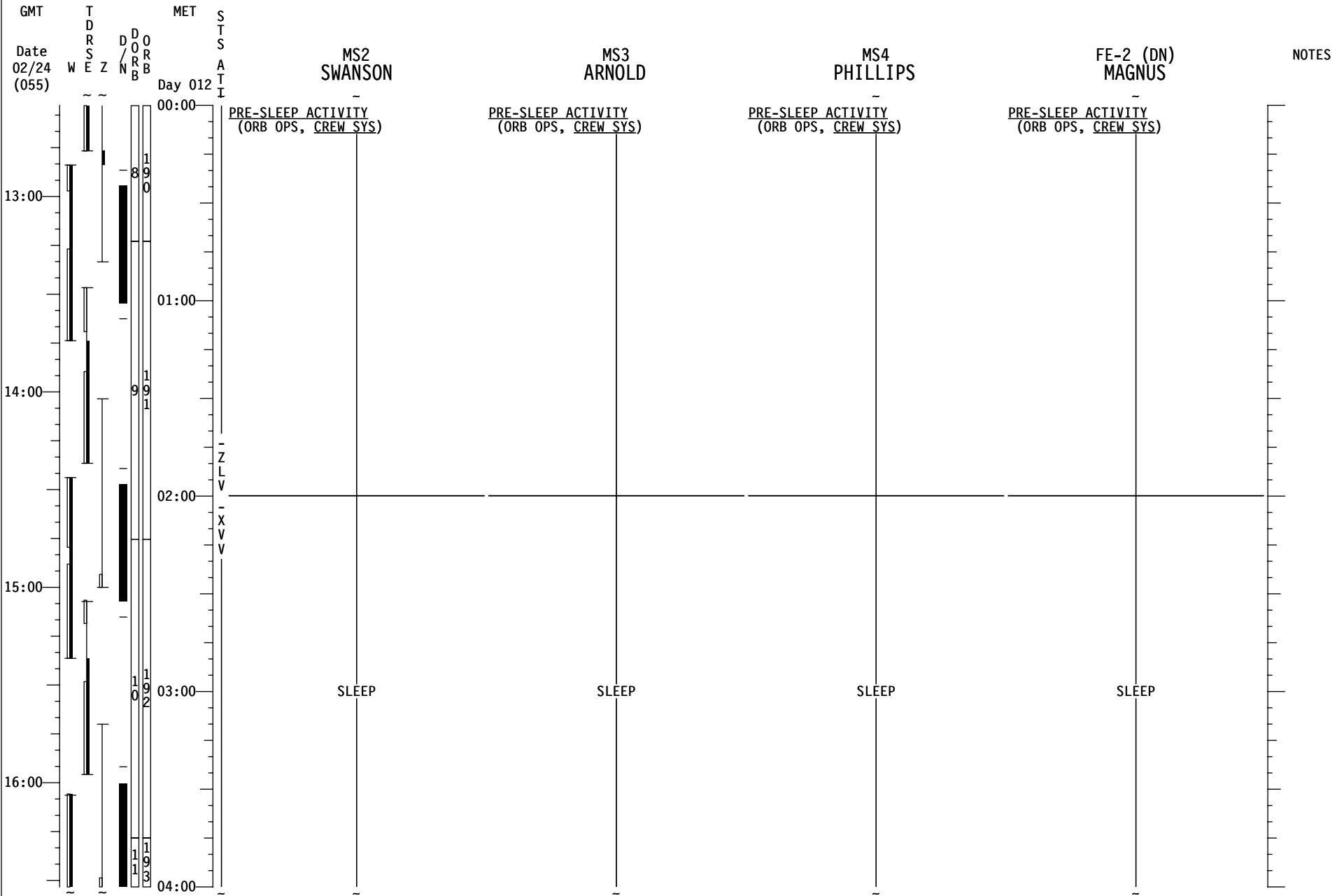
STS-119 FD (13)



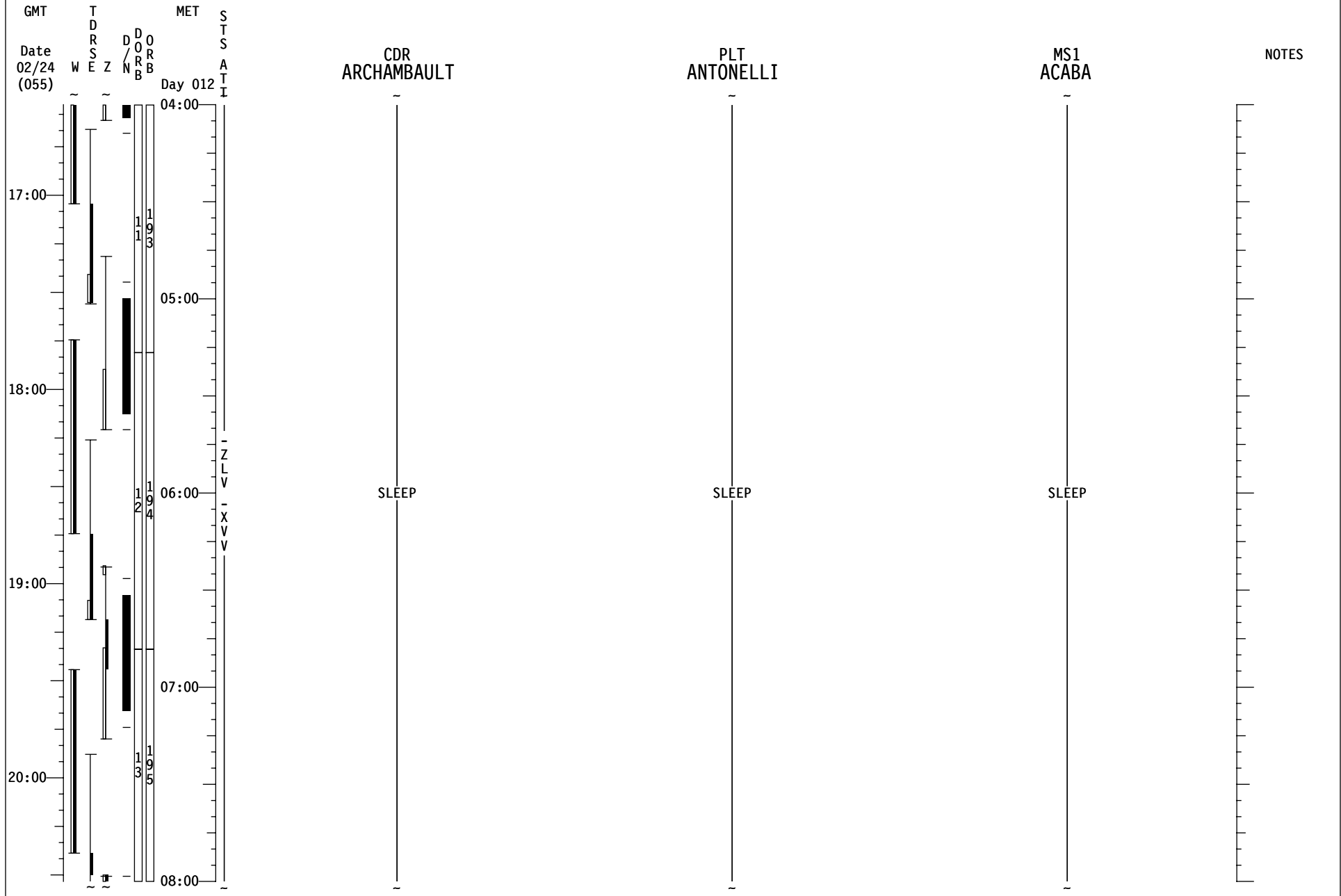
STS-119 FD (13)



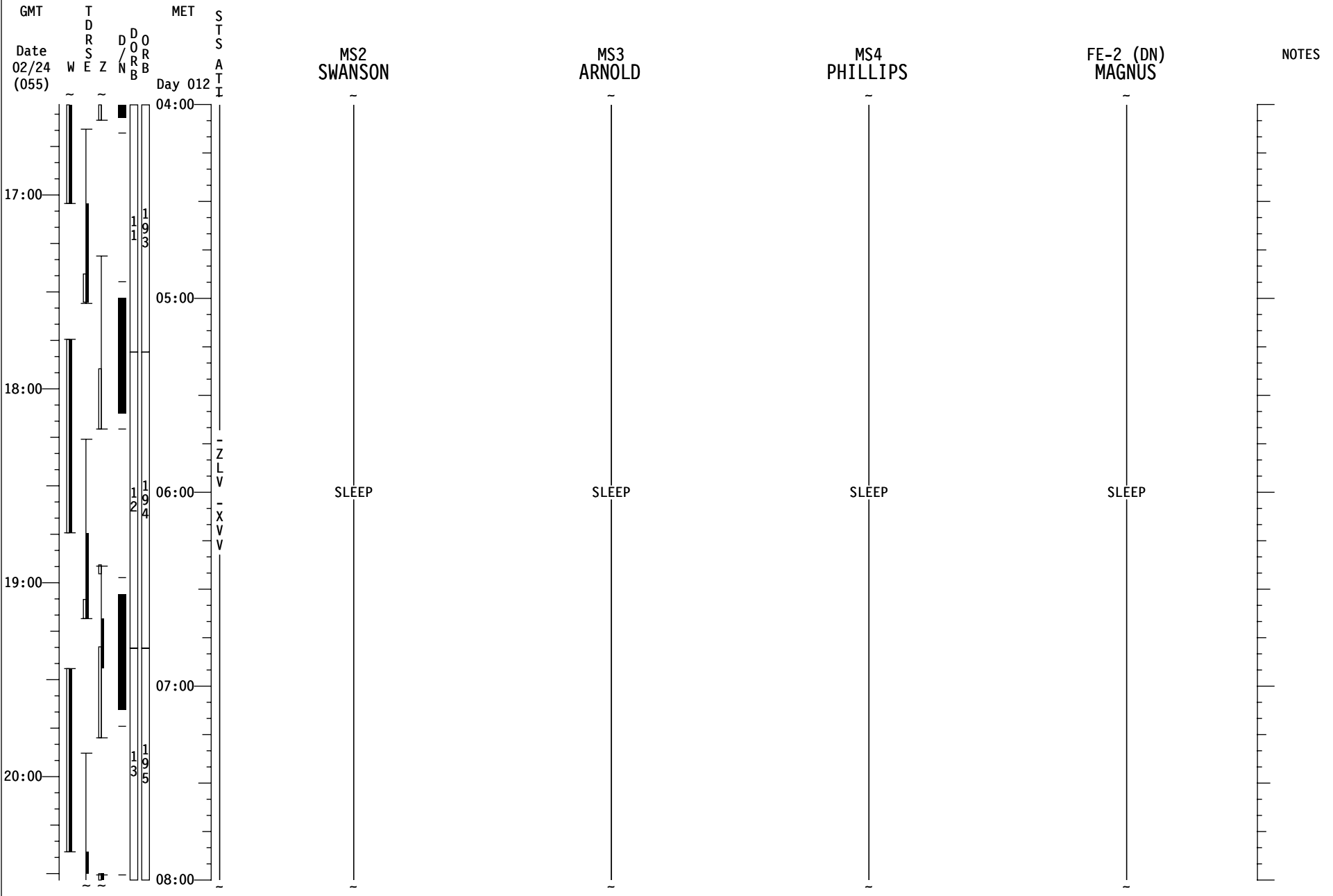
STS-119 FD (13)



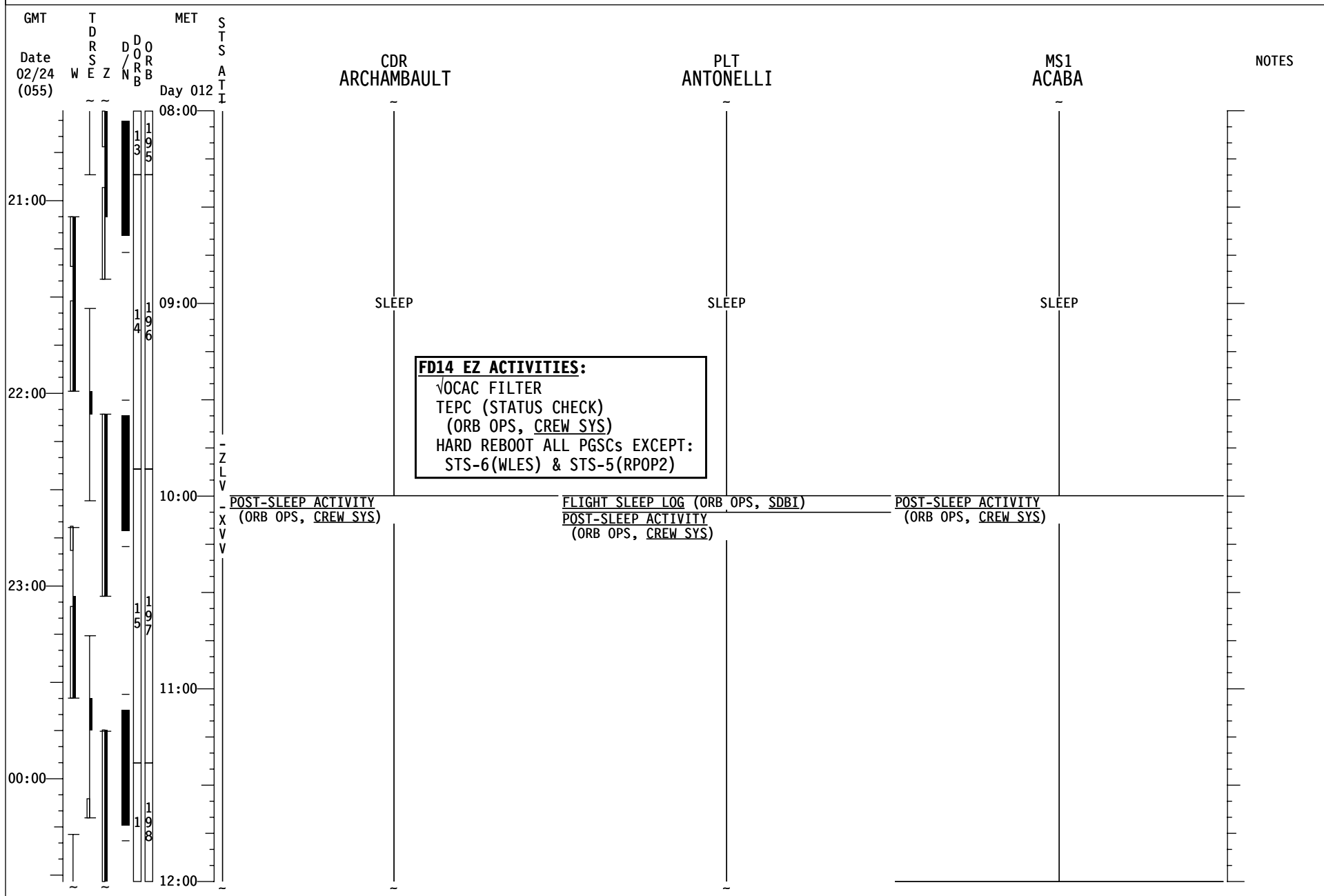
STS-119 FD (13)



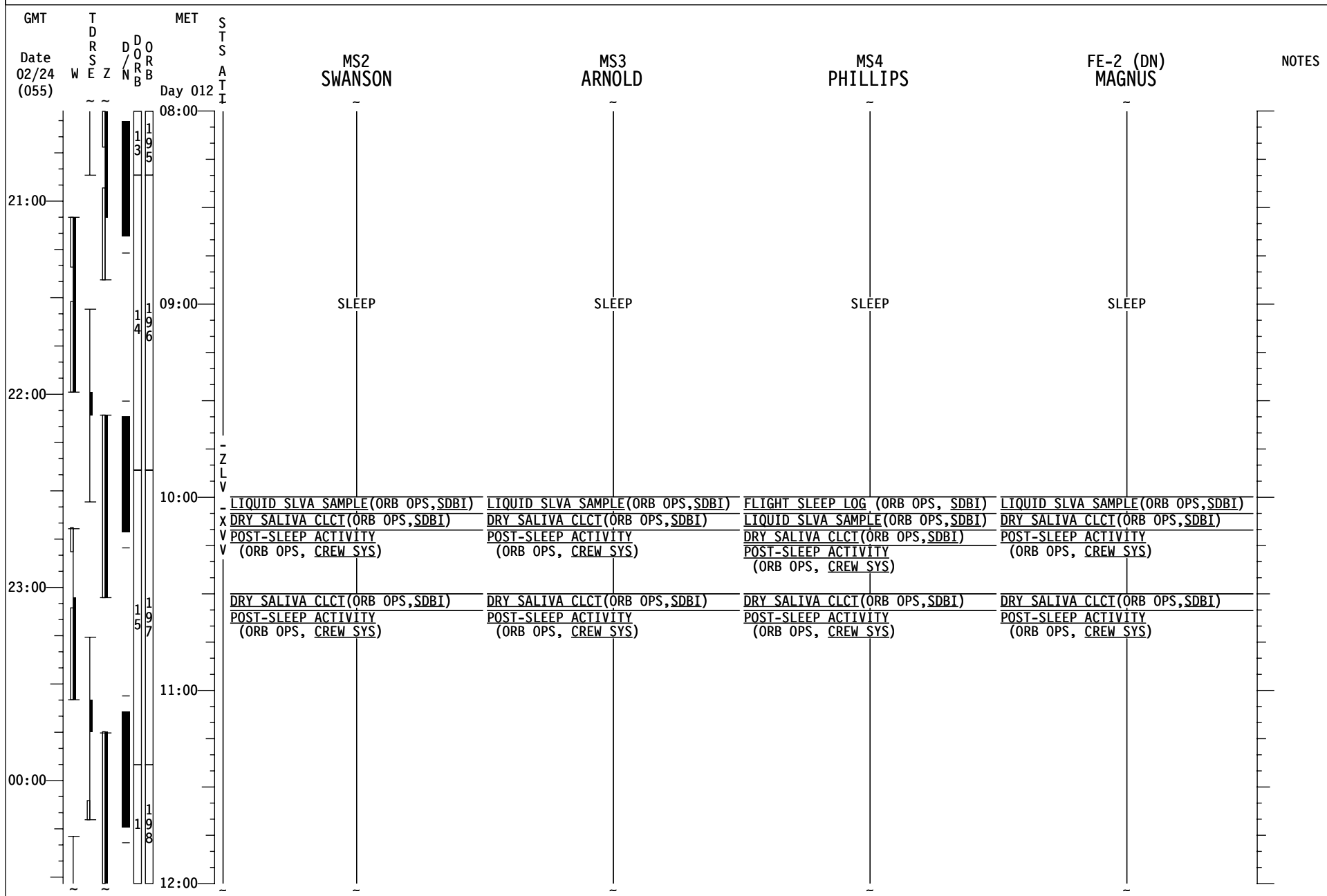
STS-119 FD (13)



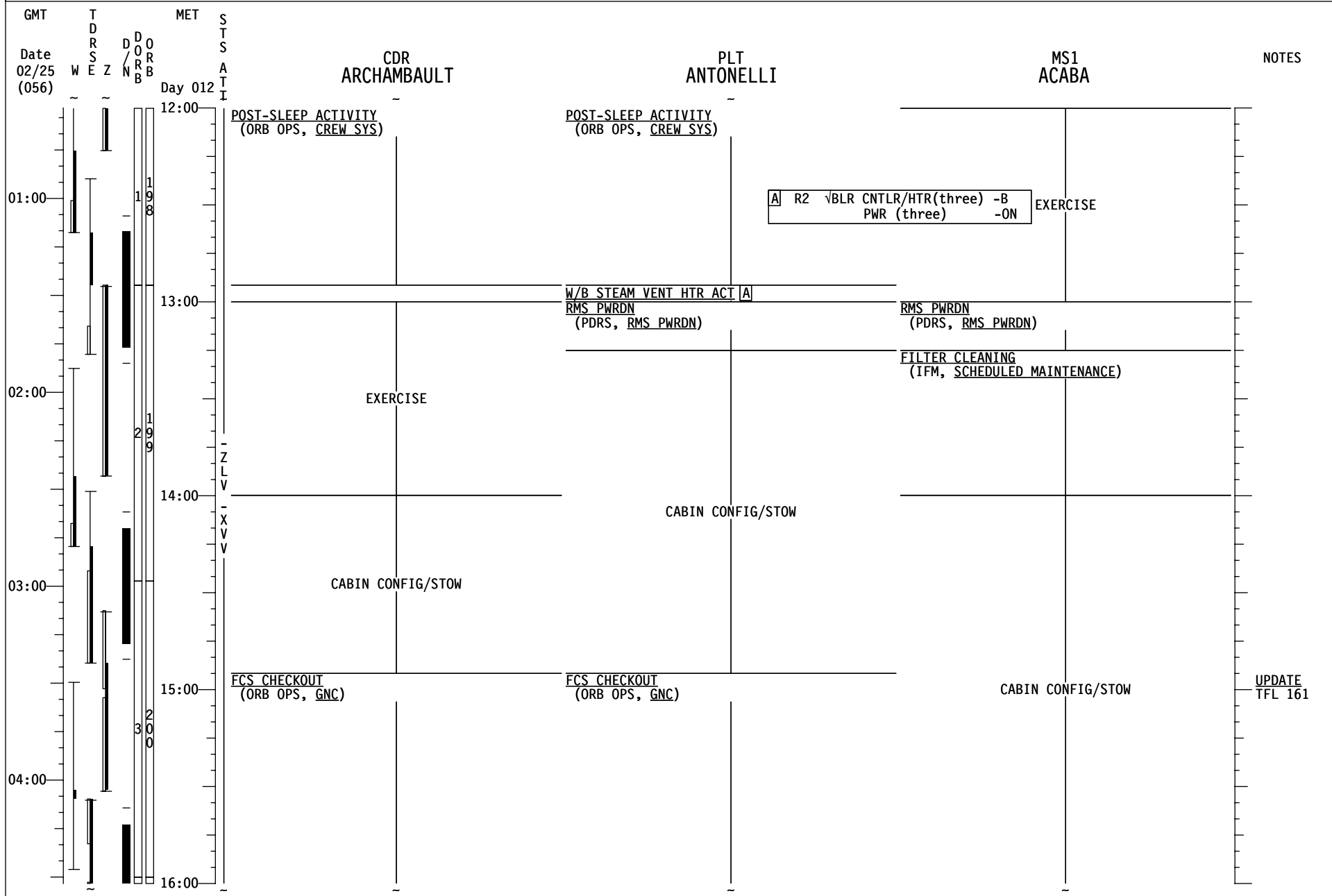
STS-119 FD (14)



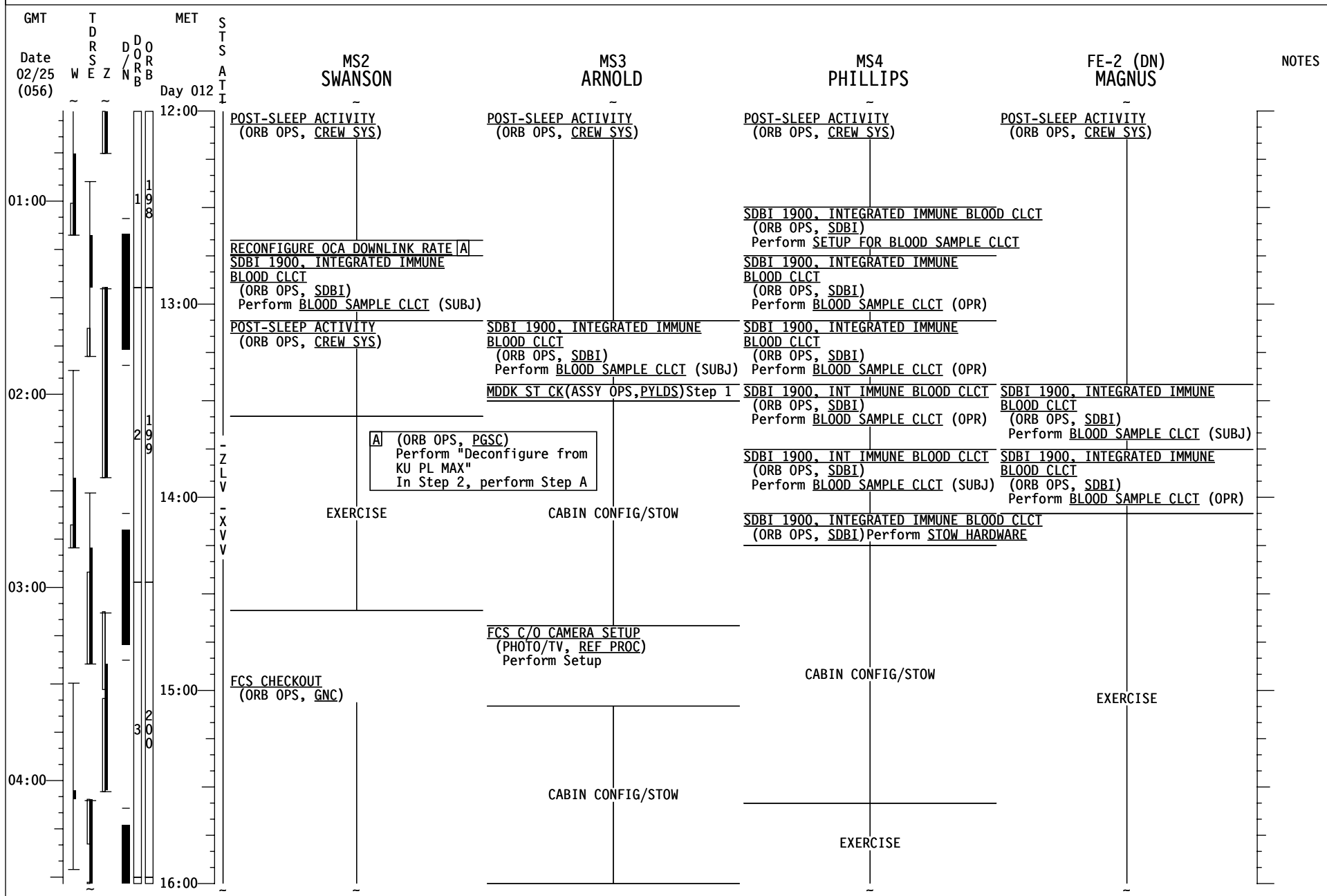
STS-119 FD (14)



STS-119 FD (14)



STS-119 FD (14)



STS-119 FD (14)

| GMT | TDRS W E Z | MET Day 012 | S T S A T I | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|------------------------|--|-------------------|---------------------------------|---|---|--|---------------------------------|
| Date 02/25 (056) | D O R B D O R B D O R B D O R B | 16:00 | Z L V - X V V | FCS CHECKOUT (ORB OPS, GNC) <u>RCS HOT FIRE TEST</u> (ORB OPS, RCS) | FCS CHECKOUT (ORB OPS, GNC) <u>RCS HOT FIRE TEST</u> (ORB OPS, RCS) | | UPDATE TFL 188 |
| | | | | CABIN CONFIG/STOW | CABIN CONFIG/STOW | CABIN CONFIG/STOW | |
| | | | | PUBLIC AFFAIRS EVENT KU AVAIL: TDRZ 16:39-17:07 | PUBLIC AFFAIRS EVENT KU AVAIL: TDRZ 16:39-17:07 | PUBLIC AFFAIRS EVENT KU AVAIL: TDRZ 16:39-17:07 | |
| | | | | DEORBIT PREP BRIEFING | DEORBIT PREP BRIEFING | DEORBIT PREP BRIEFING | |
| | | | | MEAL | MEAL | MEAL | |
| | | | | MNVR (TRK) BIAS -ZLV -YVV (WASTE DUMP) TG=2 BV=3 OM=70 A1/AUTO/VERN, Init TRK | SUPPLY WATER DUMP USING FES (ORB OPS, ECLS) Step 1 | | UPDATE H2O WASTE DUMP QTY |
| | | | | SUPPLY/WASTE WATER DUMP (ORB OPS, ECLS) Initiate Waste Dump, Ref MSG XXX | | | |
| | | | | CABIN CONFIG/STOW | CABIN CONFIG/STOW | LANDING-1 COMM C/O (ORB OPS, COMM/INST) | |
| | | | | SUPPLY/WASTE WATER DUMP (ORB OPS, ECLS) Terminate Waste Dump | | COMM STRG 1 C/O (PART B) (ORB OPS, COMM/INST) | |
| | | | | CWC OVERBOARD DUMP (ORB OPS, ECLS) Dump SN TBS (Barcode #TBS) Dump dur. ~xx min Ref MSG XXX | EXERCISE | SSV DEACTIVATION (PHOTO/TV, SSV) | |
| | | CABIN CONFIG/STOW | | | | | |

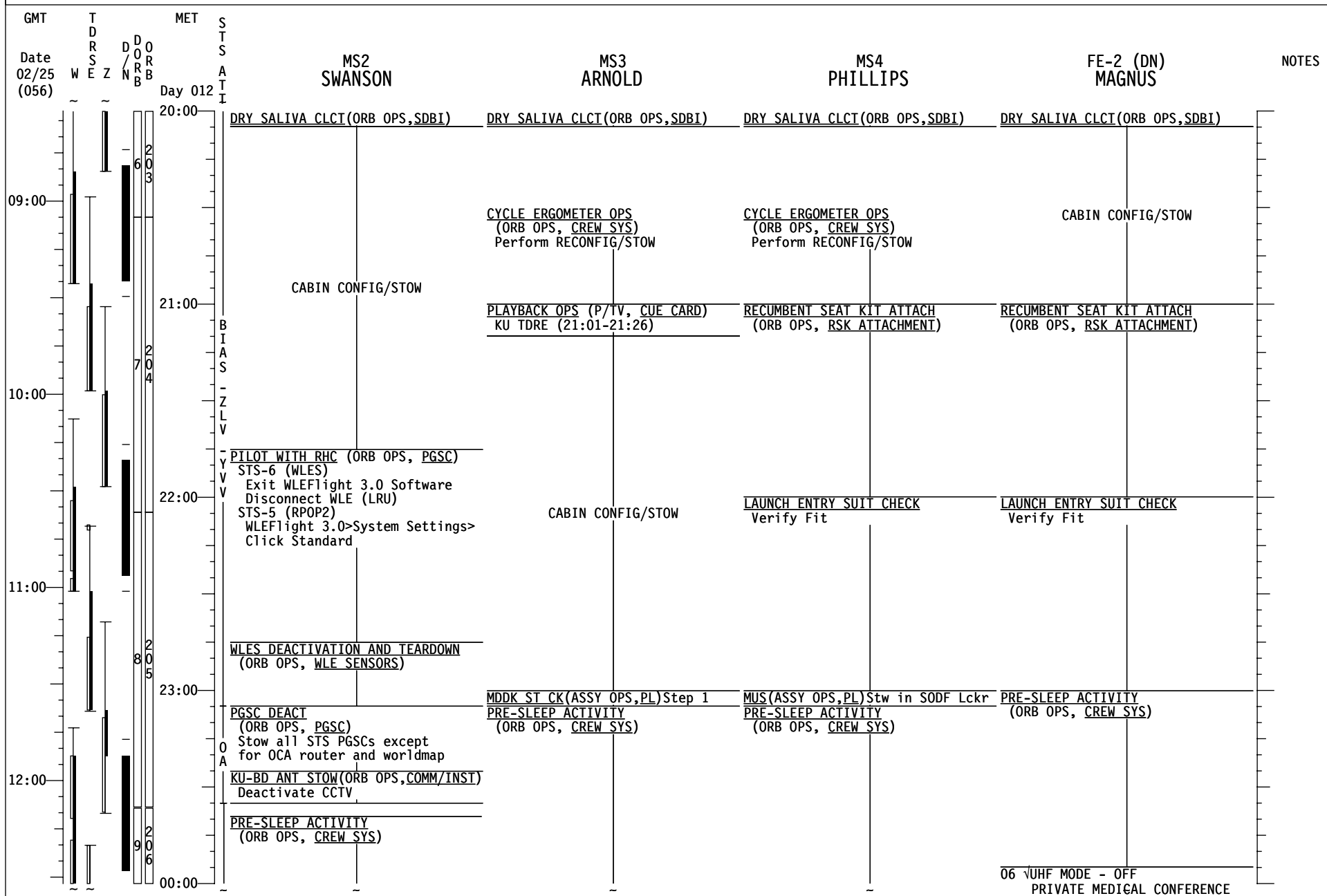
STS-119 FD (14)

| GMT | TDRSEZ | DORBN | MET | SATS | MS2 SWANSON | MS3 ARNOLD | MS4 PHILLIPS | FE-2 (DN) MAGNUS | NOTES |
|------------------|--------|-------|---------|------|---|---|--|--|-------|
| Date 02/25 (056) | W | E | Day 012 | I | | | | | |
| 16:00 | | | | | FCS CHECKOUT (ORB OPS, GNC) RCS HOT FIRE TEST (ORB OPS, RCS) | FCS C/O CAMR SETUP (PHOTO/TV, REF PROC) Verify SETUP | | EXERCISE DRY SALIVA CLCT(ORB OPS,SDBI) | |
| 05:00 | | | | | DRY SALIVA CLCT(ORB OPS,SDBI) | DRY SALIVA CLCT(ORB OPS,SDBI) ANALOG PAO CC (PHOTO/TV, SONY PD100) | EXERCISE | CABIN CONFIG/STOW | |
| | | | | | PUBLIC AFFAIRS EVENT KU AVAIL: TDRZ 16:39-17:07 | PUBLIC AFFAIRS EVENT KU AVAIL: TDRZ 16:39-17:07 | PUBLIC AFFAIRS EVENT KU AVAIL: TDRZ 16:39-17:07 | PUBLIC AFFAIRS EVENT KU AVAIL: TDRZ 16:39-17:07 | |
| 17:00 | | | | | DEORBIT PREP BRIEFING | DEORBIT PREP BRIEFING | DEORBIT PREP BRIEFING | DEORBIT PREP BRIEFING | |
| 06:00 | | | | | | | | | |
| 18:00 | | | | | MEAL | MEAL | MEAL | MEAL | |
| 07:00 | | | | | | ENTRY VIDEO SETUP (PHOTO/TV, MINI-CAM) | | | |
| 19:00 | | | | | CABIN CONFIG/STOW | | CABIN CONFIG/STOW | CABIN CONFIG/STOW | |
| 08:00 | | | | | | EXERCISE | | | |
| 20:00 | | | | | | | | | |

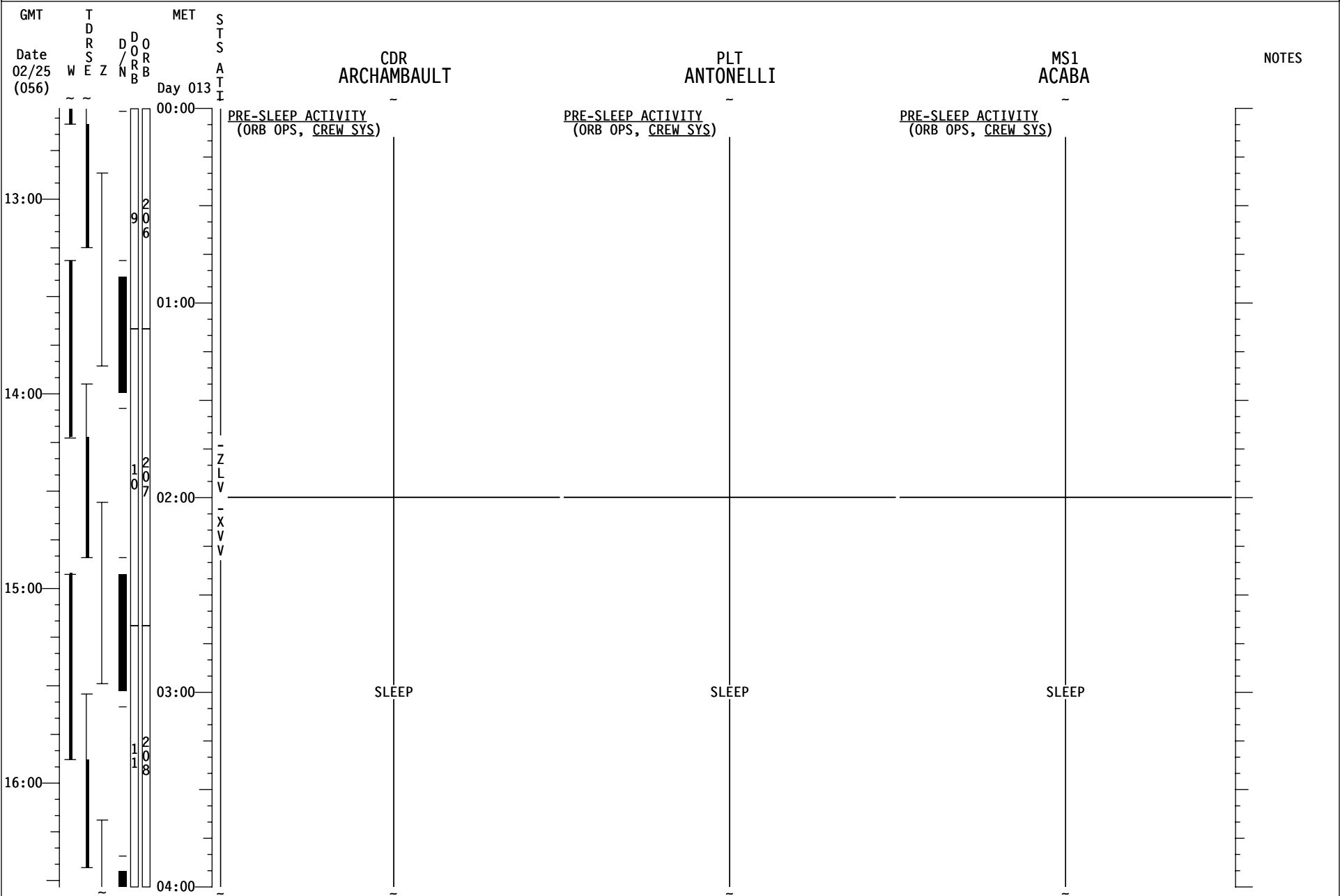
STS-119 FD (14)

| GMT | T D R S E Z | D O R B | MET | S T S | C D R | P L T | M S 1 | N O T E S |
|------------------------|-------------|---------|---------|-------|---|---|---|--|
| Date 02/25 (056) | W | E | Day 012 | A T I | ARCHAMBAULT | ANTONELLI | ACABA | |
| 09:00 | | | 20:00 | | <p><u>CWC OVERBOARD DUMP</u> (ORB OPS, ECLS) Dump SN TBS (Barcode #TBS) Dump dur. -xx min Ref MSG XXX</p> | <p>EXERCISE</p> | <p>CABIN CONFIG/STOW</p> | |
| | | | | | | | | |
| 10:00 | | | 21:00 | | | <p>CABIN CONFIG/STOW</p> | | <p>UPDATE TFL 161</p> |
| | | | | | <p>PILOT WITH RHC (ORB OPS, PGSC)</p> | <p>PILOT WITH RHC (ORB OPS, PGSC)</p> | <p>CABIN CONFIG/STOW</p> | |
| 11:00 | | | 22:00 | | <p>A R12 VPU PWR - OFF(LED-off) Minimize use of P/TV equipment Dim cabin lighting to 25%</p> | | | |
| | | | | | <p>ENTRY COOLING CONFIG A 06 VUHF MODE - OFF PRIVATE MEDICAL CONFERENCE</p> | <p>A6L MADS STRAIN GAGE - ON SUPPLY WATER DUMP USING FES (ORB OPS, ECLS) Perform Step 2 w/FES read IMU STAR OF OPPTY ALIGN (ORB OPS, GNC)</p> | <p>PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)</p> | |
| | | | 23:00 | | <p>ON-ORBIT OMS BURN (ORB OPS, OMS)</p> | <p>ON-ORBIT OMS BURN (ORB OPS, OMS)</p> | | <p>UPDATE ORBITAL MNVR PAD</p> |
| 12:00 | | | | | <p>< OA TIG (TBD) MNVR (TRK) -ZLV -XVV TG=2 BV=3 OM=0 A1/AUTO/VERN Init TRK</p> | <p>PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)</p> | <p>KU-BD ANT STOW (ORB OPS, COMM/INST) Deactivate CCTV MUS (ASSY OPS, PAYLOADS) Stow in SODF Locker</p> | |
| | | | | | <p>PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)</p> | | <p>PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)</p> | |
| 00:00 | | | | | | | | |

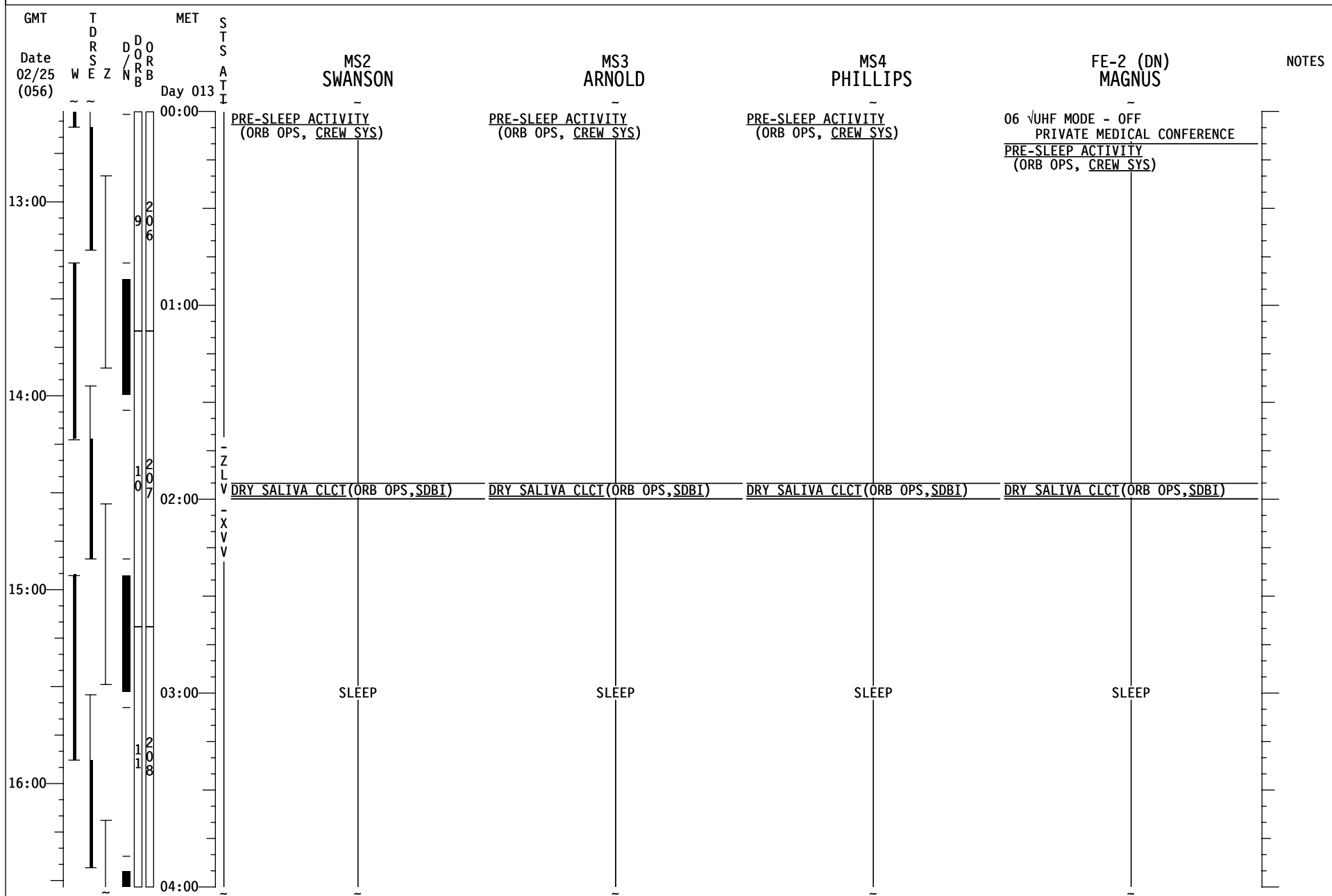
STS-119 FD (14)



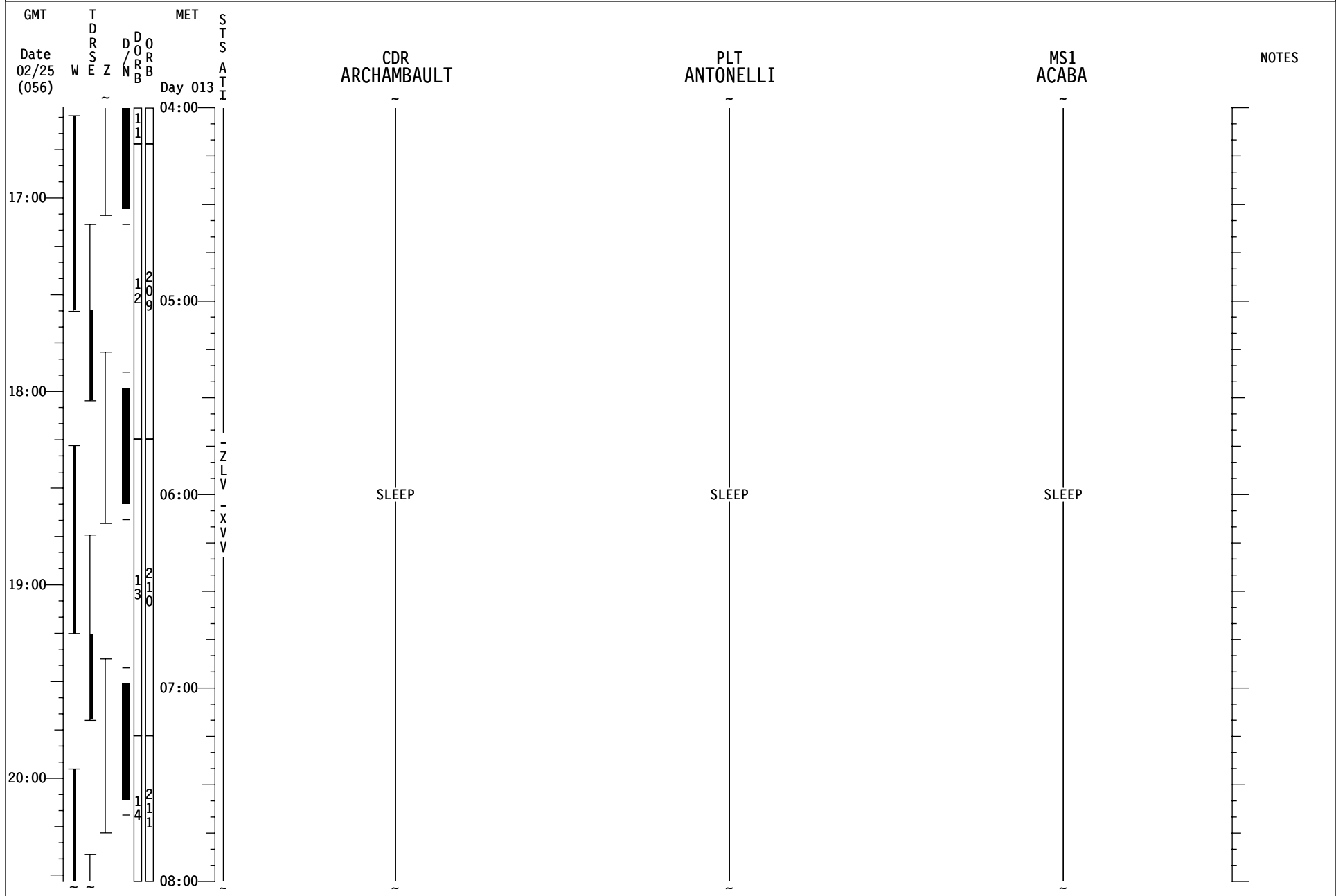
STS-119 FD (14)



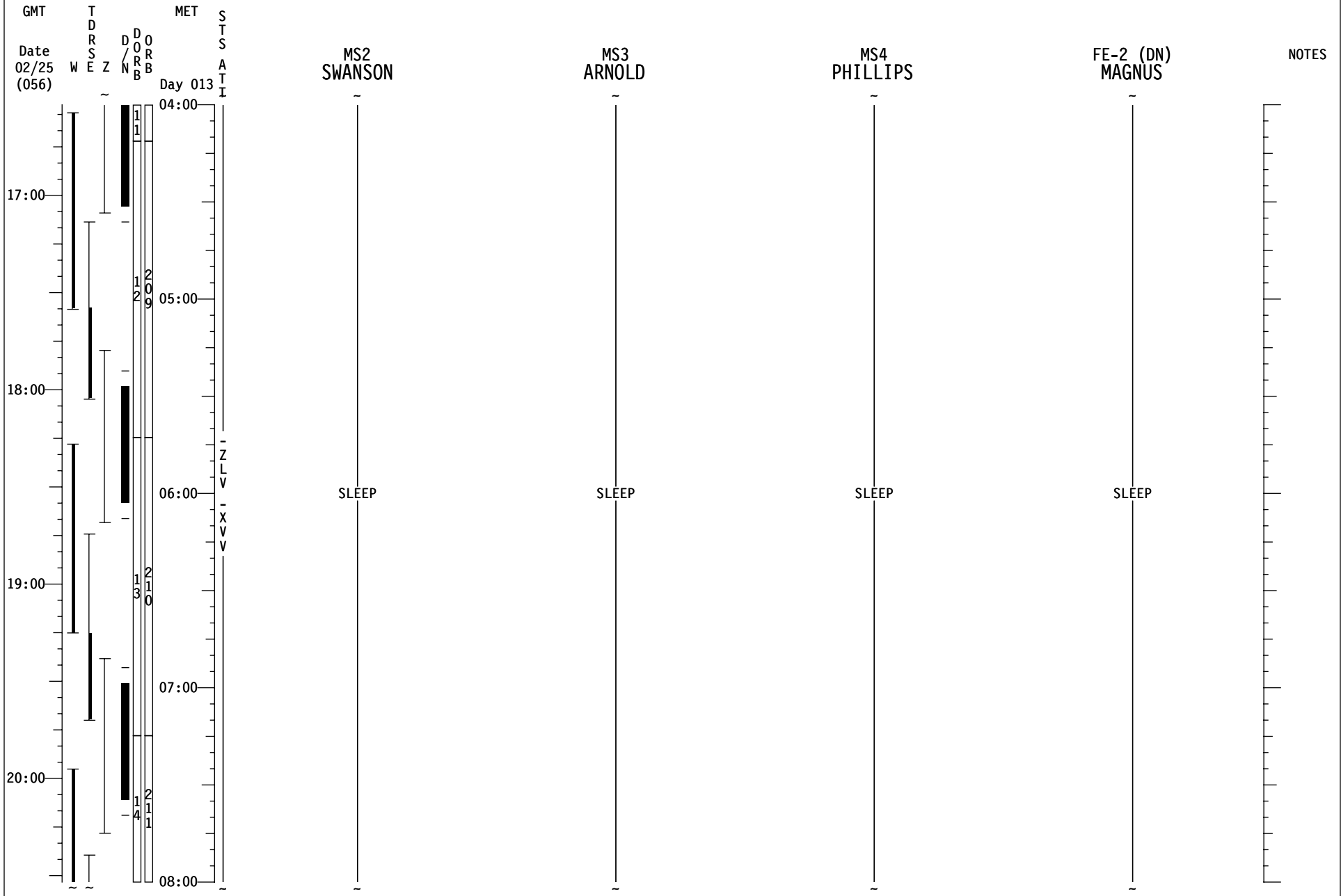
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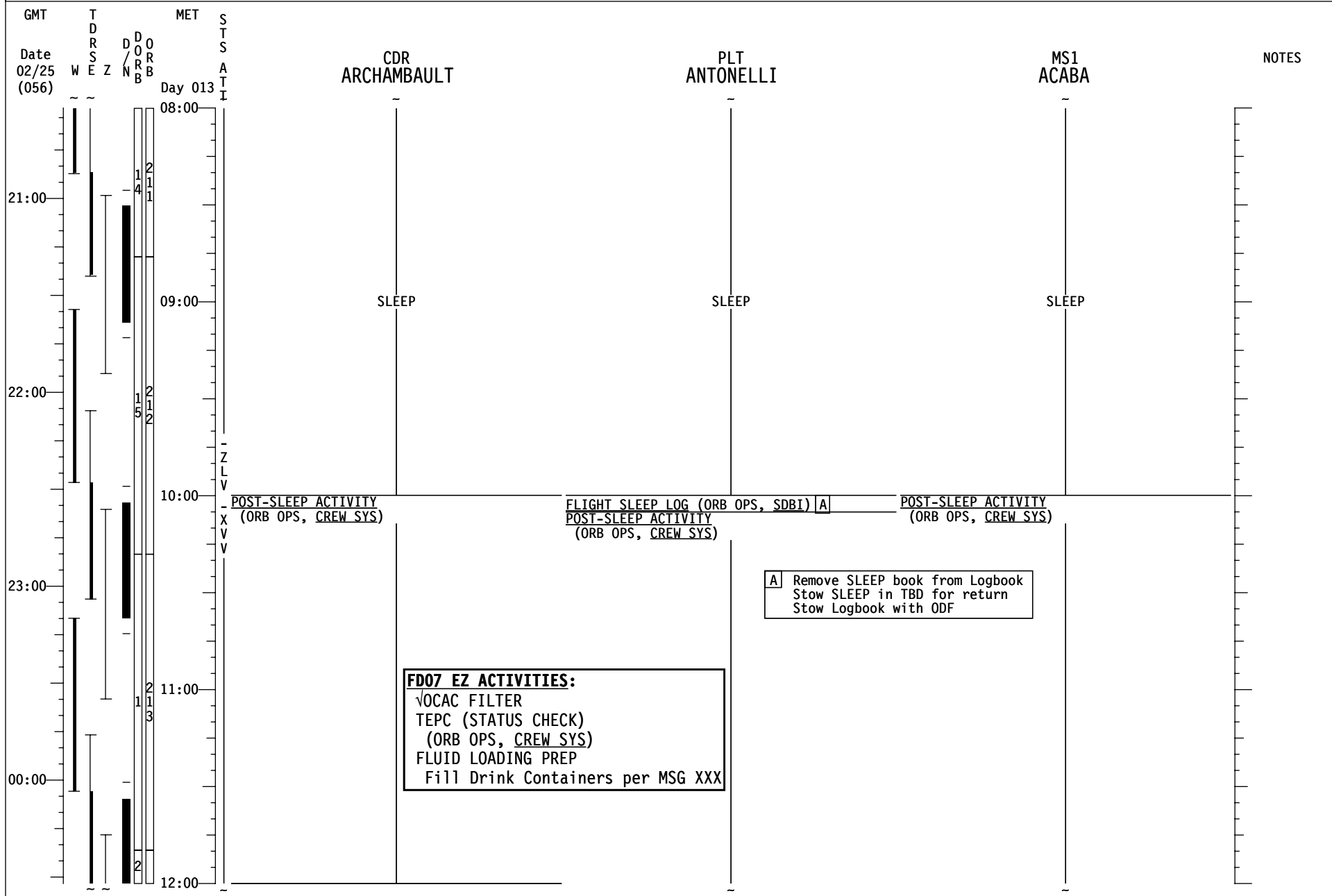
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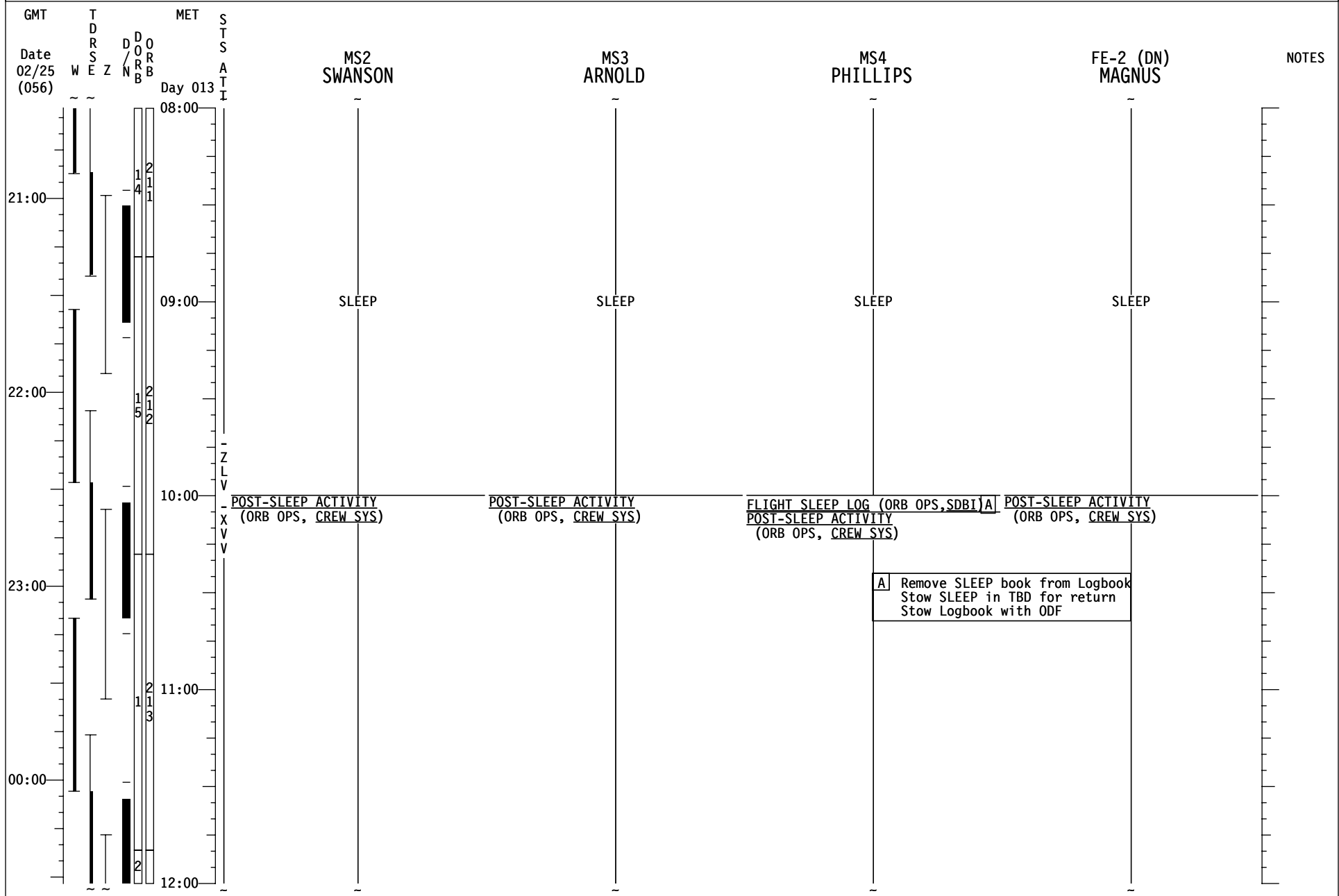
STS-119 FD (14)



STS-119 FD (15)



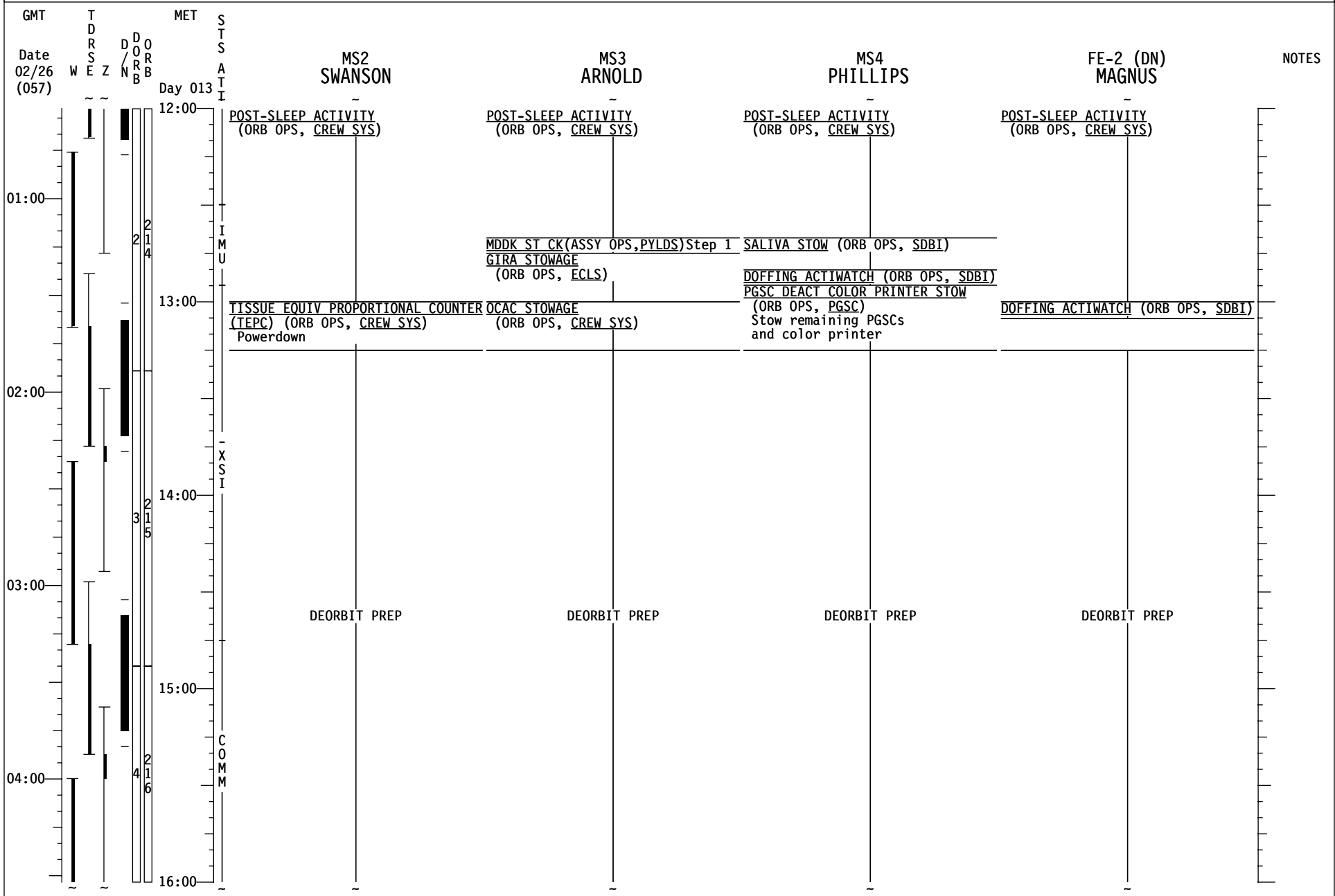
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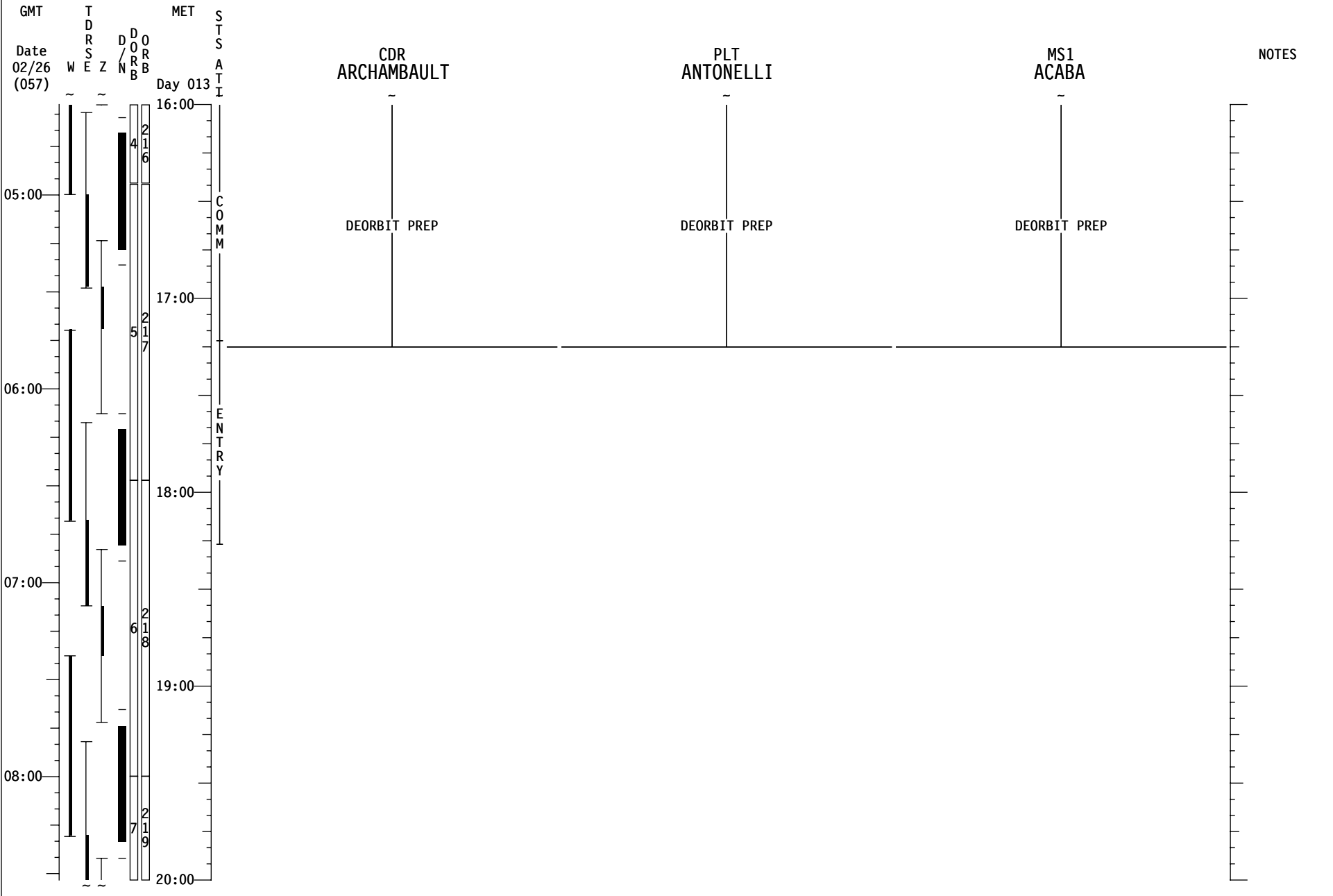
STS-119 FD (15)

| GMT | TDRSEZ | MET | STS | CDR ARCHAMBAULT | PLT ANTONELLI | MS1 ACABA | NOTES |
|------------------|--------|---------|---------|---|--|---|-------|
| Date 02/26 (057) | W | Day 013 | Day 013 | | | | |
| | | | | <p>06 UHF MODE - OFF PRIVATE MEDICAL CONFERENCE</p> <p><u>PRIORITY PWRUP GRP B (ORB PKT, PRIOR PWRDN)</u> Step 12(Recover IMU 3),10,9, 7,6(Dual G2),5,2</p> <p><u>MNVR IMU STAR ALIGN ATT [A] (pg 3-168)</u> A/AUTO/VERN, Init MNVR (13:00) IMU ALIGN - S TRK (ORB OPS, GNC)</p> <p><u>MNVR IMU VERIF ATT [B] (pg 3-168)</u> B/AUTO/PRI, Init MNVR IMU ALIGN - S TRK (ORB OPS, GNC)</p> <p><u>MNVR (TRK) -XSI</u> TG=4 BV=5 P=184 Y=0 OM=90 A/AUTO/VERN, Init TRK</p> | <p><u>POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)</u> A6L MADS STRAIN GAGE - PCM ENA <u>DOFFING ACTIWATCH (ORB OPS, SDBI)</u> <u>PRIORITY PWRUP GRP B (ORB PKT, PRIOR PWRDN)</u> Step 12(Recover IMU 3),10,9, 7,6(Dual G2),5,2</p> <p><u>POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)</u></p> | <p><u>POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)</u></p> | |
| 01:00 | | | | | | | |
| 02:00 | | | | | | | |
| 03:00 | | | | DEORBIT PREP | DEORBIT PREP | DEORBIT PREP | |
| 04:00 | | | | | | | |
| 16:00 | | | | | | | |

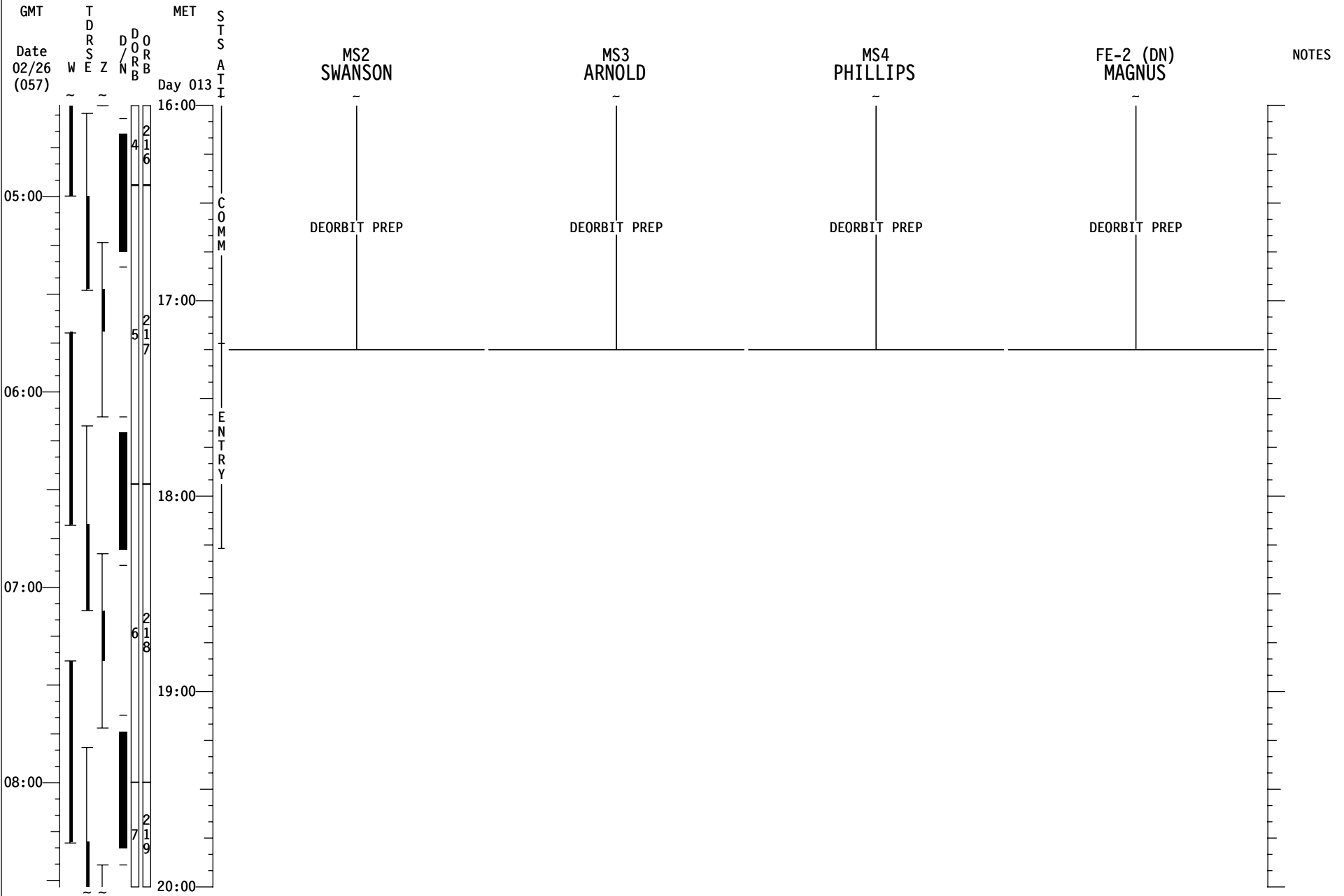
STS-119 FD (15)

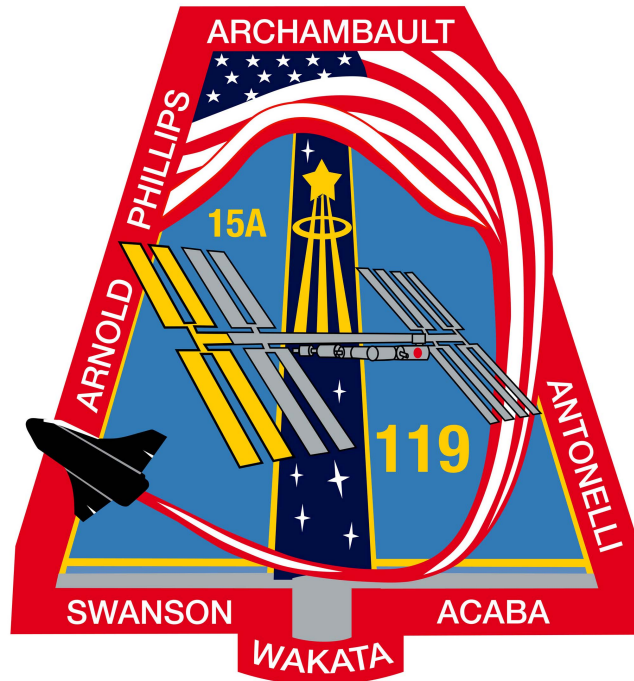


STS-119 FD (15)



STS-119 FD (15)





FLIGHT PLAN

STS
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