

Flight Plan

STS-126/ULF2

(November 14, 2008 Trajectory)

Mission Operations Directorate Operations Division

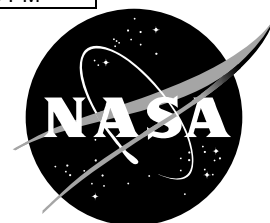
Final
October 22, 2008

For the latest working copy of the Flight Plan, visit
<http://mod.jsc.nasa.gov/do4/flightplan/main/fp.cfm?id=126>

<u>FD</u>	<u>Event</u>	<u>MET</u>	<u>GMT</u>	<u>CST</u>
1	Launch	0/00:00	320/00:55:31	Fri Nov 14 / 06:55 PM
2	OBSS Survey	0/18:20	320/19:15:31	Sat Nov 15 / 01:15 PM
3	Ti	1/18:22	321/19:17:31	Sun Nov 16 / 01:17 PM
3	ISS Docking	1/21:02	321/21:57:31	Sun Nov 16 / 03:57 PM
4	MPLM Install	2/16:00	322/16:55:31	Mon Nov 17 / 10:55 AM
5	EVA1	3/17:50	323/18:45:31	Tue Nov 18 / 12:45 PM
7	EVA2	5/17:50	325/18:45:31	Thu Nov 20 / 12:45 PM
9	EVA3	7/17:50	327/18:45:31	Sat Nov 22 / 12:45 PM
11	EVA4	9/17:50	329/18:45:31	Mon Nov 24 / 12:45 PM
12	MPLM Uninstall	10/21:55	330/22:50:31	Tue Nov 25 / 04:50 PM
14	Undock	12/14:36	332/15:31:31	Thu Nov 27 / 09:31 AM
14	Late Inspection	12/18:55	332/19:50:31	Thu Nov 27 / 01:50 PM
15	PSSC Deploy	13/20:18	333/21:13:31	Fri Nov 28 / 03:13 PM
16	Deorbit	14/17:02	334/17:57:31	Sat Nov 29 / 11:57 AM
16	KSC Landing	14/18:05	334/19:00:31	Sat Nov 29 / 01:00 PM

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-126**

FINAL
October 22, 2008

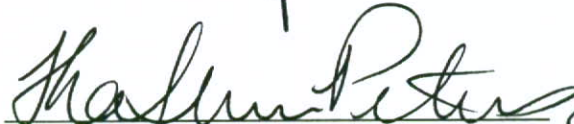
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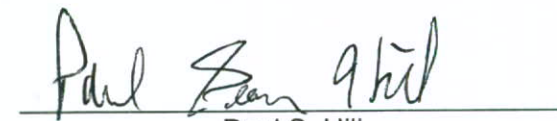
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Incorporates the following:
482#: FLT PLN-2064

AREAS OF TECHNICAL RESPONSIBILITY

Book Manager/Lead FAO	DO4/A. Cofrin	281-244-1170
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Lead Pointer	DO4/M. Mendoza	281-483-0787
Lead Ops Planner	DO4/K. Peters	281-483-5735
Lead RPE	DO4/A. Velazco	281-244-2425

FLIGHT PLAN
STS-126

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iv.....	*	126/FIN	2-40	126/FIN
v	*	126/FIN	2-41	126/FIN
vi.....	*	126/FIN	2-42	126/FIN
vii.....	*	126/FIN	2-43	126/FIN
viii.....	*	126/FIN	2-44	126/FIN
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* – Omit from flight book

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SUMMARY TIMELINE AND ISS SHORT TERM PLAN 2-1

DETAILED TIMELINE..... 3-1

INTRODUCTION

The STS-126 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-17462-126, STS-126 Flight Requirements Document
- NSTS-37326, Shuttle Crew Scheduling Constraints
- NSTS-21514, ISS-ULF2 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-126 Flight Plan is based on a launch date of November 15, 2008, at 00:55 GMT (18:55 PM 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 2 objectives:
S063981

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

<http://mod.jsc.nasa.gov/do4/flightplan/main/fp.cfm?id=126>

Non-flown sections that are no longer published:

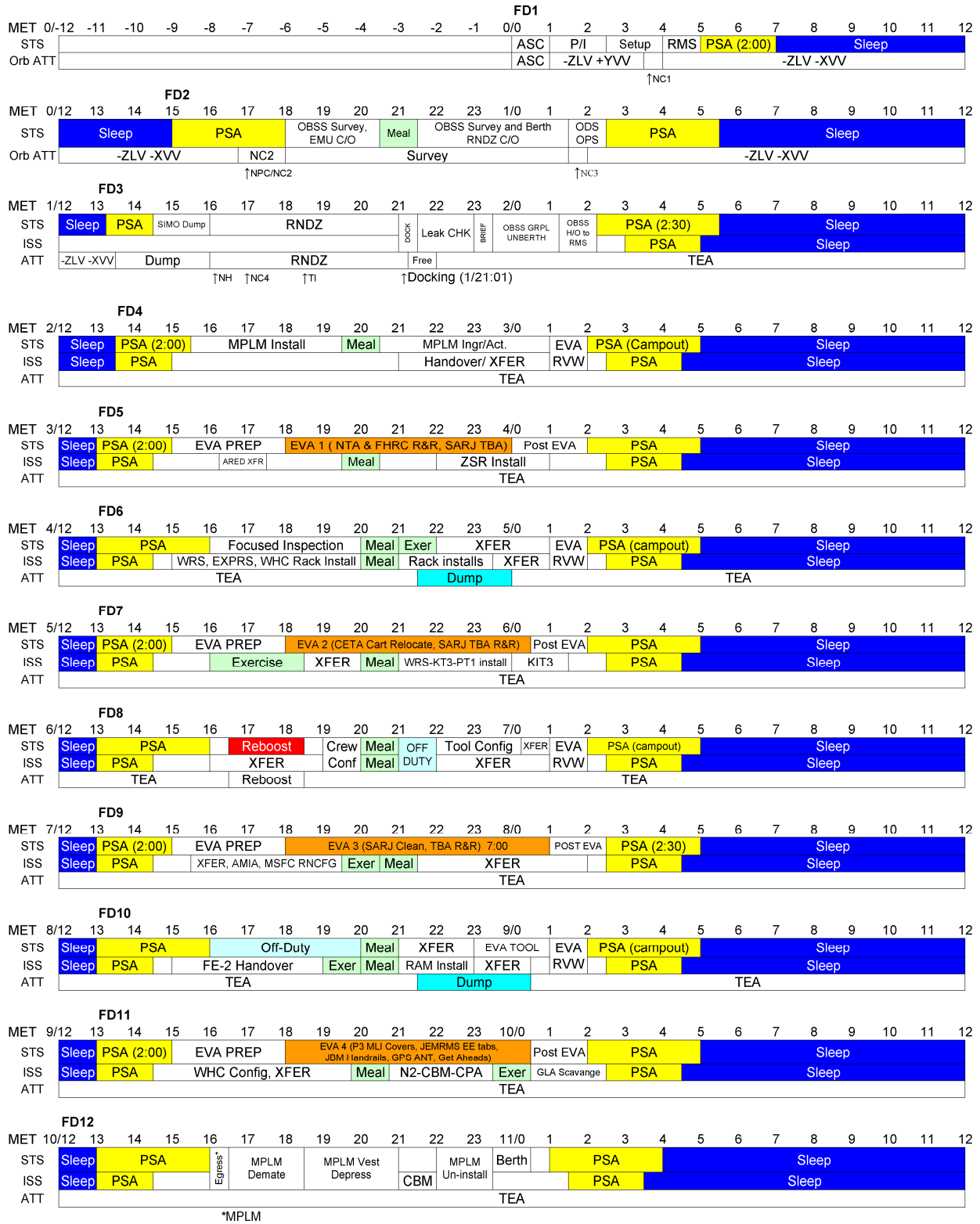
- Attitude Timeline
- Ku-Band Antenna Masking Plan
- Flight Plan Notes
- Flight Plan Walkthrough

OVERVIEW TIMELINE

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STS-126 Overview Timeline (15+1+2)

Launch GMT: November 15, 2008, 00:55:31



FD13											FD14														
MET	11/12	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
STS	PSA (2:15)	Off-Duty					Meal			XFER	RNDZ Tools	Hatch Close		PSA (2:30)	Sleep								PSA		
ISS	PSA		WRS Leak ck	Exer	Meal				DCB					PSA	Sleep								PSA		
ATT	TEA																								

											FD15																	
MET	12/12	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			
STS	PSA	Undock	Flyaround/Sep	Meal	Late Inspection								PSA	Sleep								PSA						
Orb ATT	TEA	Undock	Fly-around																									
		U/D↑		↑Sep2,	↑Sep3																							
		12/14:36																										

											FD16														
MET	13/12	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
STS	PSA	Waste/Cond Dump		FCS C/O RCS HFR	PAO Brief	Meal	OBSS Berth	PSSC DPLY	Cabin	PILOT			PSA	Sleep								PSA (2:00)			
Orb ATT	-ZLV	Dump																							

MET	14/12	13	14	15	16	17	18	19	20	21	22	23	15/0	1	2	3	4	5	6	7	8	9	10	11	12
STS	IMU	Deorbit Prep					Entry																		
Orb ATT	IMU	-XSI	Comm	Entry	Landing 14/18:05																				

SUMMARY TIMELINE AND ISS SHORT TERM PLAN

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FD01

GMT 11/15/08 (320)

MET Day 000

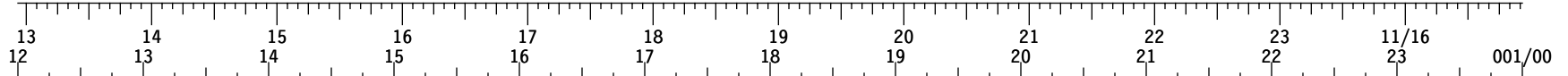
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		000/00		01		02		03		04		05		06		07		08		09		10		11		12			
STS - 126	CDR FERGUSON	ASCENT		POST INSERTION				OMS BURN	NC1	MZLV	GRPRDN	AFTRC/O	ELVON	LDAPS	PMC A/G#			PRE SLEEP											
	PLT BOE	ASCENT		POST INSERTION			RMS*	OMS BURN		BLCUI	GRPRDN	PMWRUP			RMS C/O			PRE SLEEP											
	MS1 PETTIT	ASCENT		POST INSERTION				PGSC SETUP						WLES ACT	ETPH	UMB WELL D/L		PRE SLEEP											
	MS2 BOWEN	ASCENT		POST INSERTION														PRE SLEEP											
	MS3 PIPER	ASCENT		POST INSERTION				PGSC SETUP								P/TV01 VIDEO SETUP		PRE SLEEP											
	MS4 KIMBROUGH	ASCENT		POST INSERTION					GIRA INSTALL							RMS C/O		PRE SLEEP											
	FE-2 EXP18 MAGNUS	ASCENT		POST INSERTION					GIRA INSTALL							SEE SETUP		P/TV01 VIDEO SETUP		PRE SLEEP									
DAY/NIGHT																													
ORBIT																													
TDRS		W -171.0																											
		E -46.0																											
		Z -275.0																											
ORB ATT																													
NOTES																													

- ASSUMPTIONS:**
1. SSRMS PRE-LOADED C/O @L-48HRS ON N2 PDGF
 2. ESP3 WILL BE LOCATED ON MCAS
 3. ISS SAFER C/Os COMPLETED
 4. MT @ WS5

FD02

GMT 11/15/08 (320)

MET Day 000



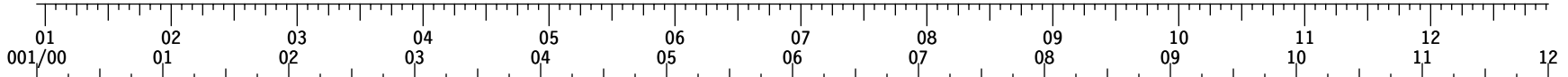
S T S - 1 2 6	CDR FERGUSON	SLEEP	POST SLEEP	OMS BURN	POST SLEEP	CRYO 02 SNSR CK	MEAL	FILTER CLEANING	EXERCISE
	R1 PLT BOE	SLEEP	POST SLEEP	OMS BURN	POST SLEEP	STBD WING SURVEY	MEAL	NOSE CAP SURVEY	PORT WING SURVEY
	R3 MS1 PETTIT	SLEEP	POST SLEEP	OBSS UNBERTH	POST SLEEP	STBD WING SURVEY	MEAL	NOSE CAP SURVEY	PORT WING SURVEY
	EV2 MS2 BOWEN	SLEEP	POST SLEEP	EMU C/O PREP	EMU C/O	MEAL	EXERCISE	EMU PREP FOR XFER	
	EV1 MS3 PIPER	SLEEP	POST SLEEP	ERG SETUP	EMU C/O PREP	EMU C/O	MEAL	MDDK XFER PREP	EMU PREP FOR XFER
	R2/EV3 MS4 KIMBROUGH	SLEEP	POST SLEEP	OBSS UNBERTH	POST SLEEP	STBD WING SURVEY	MEAL	NOSE CAP SURVEY	PORT WING SURVEY
	FE-2 EXP18 MAGNUS	SLEEP	POST SLEEP	ERG SETUP	EMU C/O	H2O CWC S/U	MEAL	MDDK XFER PREP	
DAY/NIGHT	[Day/Night Cycle Bar]								
ORBIT	[Orbit Cycle Bar]								
TDRS	W -171.0	[TDRS Cycle Bar]							
	E -46.0	[TDRS Cycle Bar]							
	Z -275.0	[TDRS Cycle Bar]							
ORB ATT	-ZLV -XVV NC2 -ZLV -XVV STBD SURVEY NOSE SURVEY PORT SURVEY								
NOTES	@FILTER CHECK #STATUS CHECK *HEATER RCNFG ^MANUAL #ACT *DEACT *-ZLV								

FD02

GMT 11/16/08 (321)

MET

Day 001



STS - 126	CDR FERGUSON			NC3 +X RCS BURN	MZ VLRV	FL UO TUDS		PRE SLEEP	PMC A/G	PRE SLEEP	SLEEP
	R1 PLT BOE	M N V R *	OBSS BERTH	R M S *	+X RCS BURN		RNDZ TOOLS C/O	M U S		PRE SLEEP	SLEEP
	R3 MS1 PETTIT		EXERCISE	M U S	PRE SLEEP		RNDZ TOOLS C/O			PRE SLEEP	SLEEP
	EV2 MS2 BOWEN	EMU PREP FOR XFER	U N S T O W E	SETUP C/L CAMR	FCMS OPS	HHL C/O	M M O P			PRE SLEEP	SLEEP
	EV1 MS3 PIPER	EMU PREP FOR XFER	OMS POD SRVY	SETUP C/L CAMR	ODS RING EXT		EXERCISE	M U S		PRE SLEEP	SLEEP
	R2/EV3 MS4 KIMBROUGH	OBSS BERTH	R M S *	N L P ^	M D L E K #	ODS RING EXT	M M O P			PRE SLEEP	SLEEP
	FE-2 EXP18 MAGNUS		LDRI DOWNLINK		EXERCISE					PRE SLEEP	SLEEP
DAY/NIGHT		[Timeline with day/night indicators]									
ORBIT		[Timeline with orbit parameters]									
TDRS		[Timeline with TDRS parameters]									
ORB ATT		[Timeline with orbit attitude parameters]									
NOTES		*ZLV @SALIVA KIT #STATUS CHECK ^VACC ACT1 *PWRDN									

FD03

GMT 11/16/08 (321)

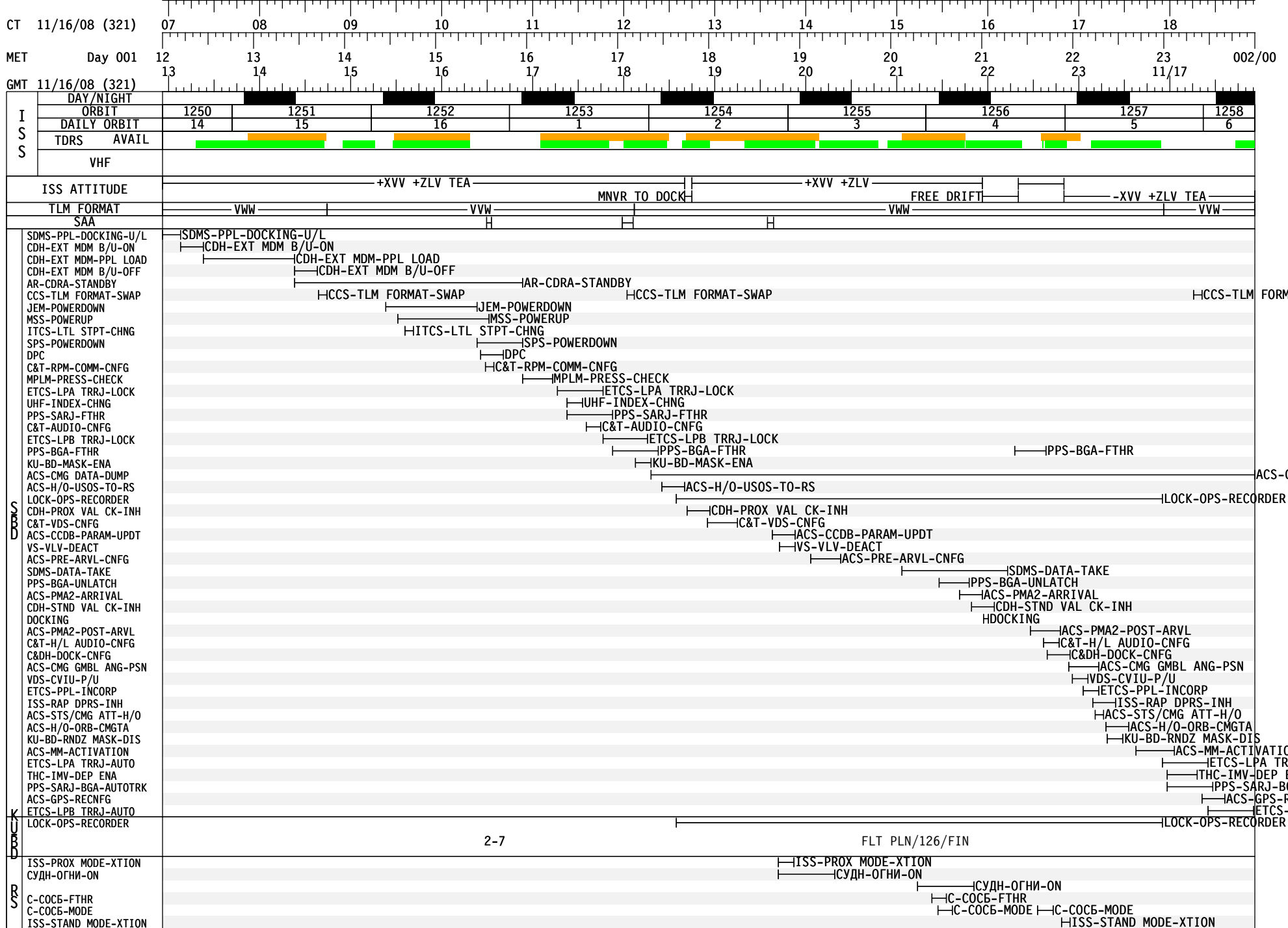
MET Day 001

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		12	13	14	15	16	17	18	19	20	21	22	23	23			
STS-126	CDR FERGUSON	SLEEP		POST SLEEP	MNVR SIMO INIT	ISS RNDZ OPS					APPROACH W/RPM						
	R1 PLT BOE	SLEEP		POST SLEEP		ISS RNDZ OPS					APPROACH W/RPM						
	R3/M1 MS1 PETTIT	SLEEP		POST SLEEP		ISS RNDZ OPS					APPROACH W/RPM	EXERCISE					
	EV2 MS2 BOWEN	SLEEP		POST SLEEP		SIMOTERM	POST SLEEP	EMU RMVL	COND CWC S/U	ISS RNDZ OPS	EXERCISE	ISS RNDZ OPS	APPROACH W/RPM				
	EV1 MS3 PIPER	SLEEP		POST SLEEP			ISS RNDZ OPS	EMU RMVL	XFER UPDATE	ISS RNDZ OPS	EXERCISE		APPROACH W/RPM				
	R2/EV3 MS4 KIMBROUGH	SLEEP		POST SLEEP			EXERCISE			ISS RNDZ OPS			APPROACH W/RPM				
UP	FE-2 EXP18 MAGNUS	SLEEP		POST SLEEP		EXERCISE	P/TV02 DOCK S/U			P/TV02 DOCK OPS		APPROACH W/RPM					
ISS	M2 ISS CDR FINCKE	SLEEP		POST SLEEP		PW	DPC	P/TV RPM VRFY S/U		EXERCISE CEVIS	EXERCISE RED	MIDDAY-MEAL					
	FE-1 LONCHAKOV	SLEEP		POST SLEEP		PW	DPC	VELO		EXERCISE TVIS	MIDDAY-MEAL						
DN	FE-2 CHAMITOFF	SLEEP		POST SLEEP		PW	DPC	P/TV RPM VRFY S/U		EXERCISE RED	EXERCISE CEVIS	MIDDAY-MEAL					
DAY/NIGHT		25		26		27		28		29		30		31			
ORBIT		25		26		27		28		29		30		31			
TDRS	W	-171.0		-171.0		-171.0		-171.0		-171.0		-171.0		-171.0			
	E	-46.0		-46.0		-46.0		-46.0		-46.0		-46.0		-46.0			
	Z	-275.0		-275.0		-275.0		-275.0		-275.0		-275.0		-275.0			
ORB ATT		-ZLV -XVV		-ZLV +YVV		-ZLV +YVV		-ZLV +YVV		-ZLV +YVV		-ZLV +YVV		-ZLV +YVV			
NOTES		*FILTER CHK										*DEACT		#CELLS ACT1		#OFF	
												#ACT		#STATUS CHECK			
														*1/21:01:00			

***1/21:01:00**

FD03

STS-126/ULF2 JOINT MSN SHRT TERM PLN (DOCK)

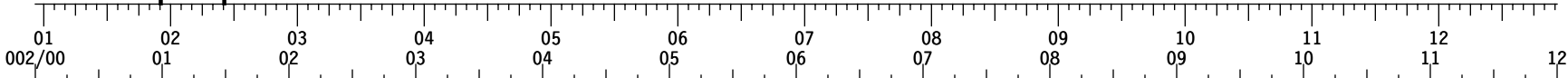


NO EXERCISE
(WHILE OBSS GRAPPLD BY SRMS & SSRMS)

FD03

GMT 11/17/08 (322)

MET Day 002



S T S - 1 2 6	CDR FERGUSON	EXER	MDDK XFER	X T F A U S F E G R S	PRE SLEEP	PMC A/G	PRE SLEEP	SLEEP
	R1 PLT BOE	OBSS H/O	OBSS H/O FROM SSRMS	EXERCISE	M U S		PRE SLEEP	SLEEP
	R3/M1 MS1 PETTIT	OBSS UNBRTH	U H N / G O R R P	MDDK XFER	X T F A U S F E G R S	X B F R M E I U R E S F	PRE SLEEP	SLEEP
	EV2 MS2 BOWEN	DIDB	MDDK XFER	M O P			PRE SLEEP	SLEEP
	EV1 MS3 PIPER	EMU@	MDDK XFER	P O L P S Y S B K			PRE SLEEP	SLEEP
	R2/EV3 MS4 KIMBROUGH	OBSS H/O	OBSS H/O FROM SSRMS	M D M D M D U K S	M O P	N L P P @	PRE SLEEP	SLEEP
U P	FE-2 EXP18 MAGNUS	IELK	PW	SOKOL LK CK	DPC	PMC PW	PRE SLEEP-ISS	SLEEP
I S S	M2 ISS CDR FINCKE	OBSS UNBRTH	U H N / G O R R P	D J E W R N M N T L L R Y	PW	DPC PW	PRE SLEEP-ISS	SLEEP
	FE-1 LONCHAKOV	IELK	PW	SOKOL LK CK	DPC	PW	PRE SLEEP-ISS	SLEEP
D N	FE-2 CHAMITOFF	IELK	MDDK XFER	SODF XFER	PW	DPC PW	PRE SLEEP-ISS	SLEEP
DAY/NIGHT		[Timeline bars for Day/Night]						
ORBIT		[Timeline bars for Orbit]						
TDRS	W	[Timeline bars for W]						
	E	[Timeline bars for E]						
	Z	[Timeline bars for Z]						
ORB ATT		BIAS -XLV -ZVV						
NOTES		*H/O @XFER	*GALLEY MORNING CONFIG	#STATUS CHECK @VACC TERM1				

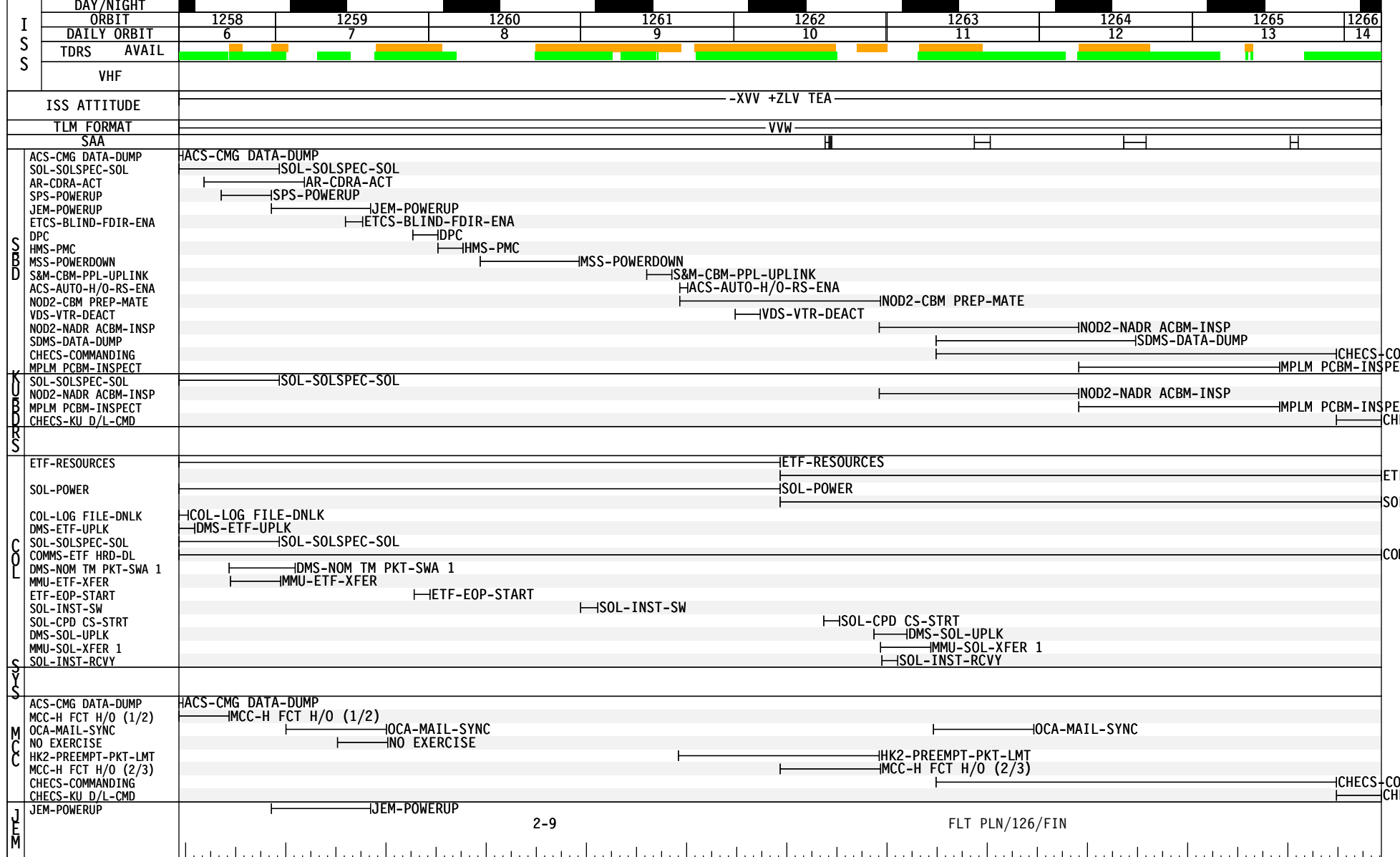
FD03

STS-126/ULF2 JOINT MSN SHRT TERM PLN

CT 11/16/08 (321)

MET Day 002 002/00

GMT 11/17/08 (322)



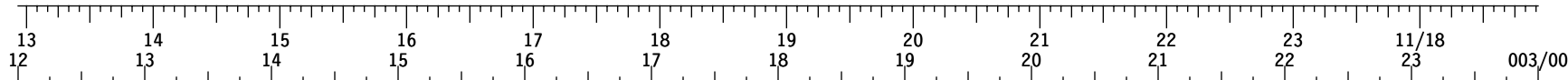
*INSPECT

NO EXERCISE
(DURING CBM BOLT LOADING)

FD04

GMT 11/17/08 (322)

MET Day 002



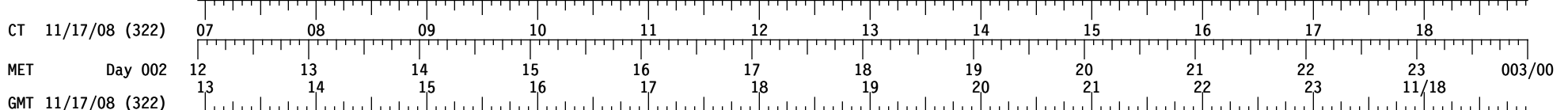
S T S - 1 2 6	CDR FERGUSON	SLEEP	POST SLEEP	PTV06 OPS	MDDK XFER	MEAL	MPLM VEST PRESS	MPLM VEST INGRS CNFG	MPLM ACT PART 1					
	R1 PLT BOE	SLEEP	POST SLEEP	PTV06 OPS	MEAL	PTV06 OPS	EXERCISE	MDDK XFER	CWC XFER					
	R3/M1 MS1 PETTIT	SLEEP	POST SLEEP	MPLM INSTL GRPL	MPLM UNBERTH-INSTALL	MPLM INSTL	MEAL	MPLM VEST PRESS	MPLM VEST INGRS CNFG	MPLM-VEST CPA-RMV				
	EV2 MS2 BOWEN	SLEEP	POST SLEEP	POST SLEEP	PST DK EVA XFR RCNFG	REBA*	EVA 1 TOOL CONFIG	MEAL	GREASE GUN PREP	EXERCISE	MDDK XFER			
	EV1 MS3 PIPER	SLEEP	POST SLEEP	POST SLEEP	PST DK EVA XFR RCNFG	REBA*	EVA 1 TOOL CONFIG	MEAL	P/TV 05 S/U	EXERCISE	02 RCNFG			
	R2/M2 MS4 KIMBROUGH	SLEEP	POST SLEEP	MPLM INSTL GRPL	MPLM UNBERTH-INSTALL	MPLM INSTL	1ST STG CAP	CBM 2ND STG & ABOLTS	MPLM UNGRPL	MEAL	GREASE GUN PREP	EXERCISE		
D N	FE-2 CHAMITOFF	SLEEP	POST SLEEP	PW	DPC	MPLM VEST EQUIP S/U	MDDK XFER	MDDK XFER	MIDDAY-MEAL	HANDOVER	EXERCISE CEVIS	RED		
	ISS CDR FINCKE	SLEEP	POST SLEEP	DPC	EXERCISE RED	CSI INSTL	MDDK XFER	MIDDAY-MEAL	EVA CAMR	EVA CAMR FLASH CNFG	02 RCNFG			
I S S	FE-1 LONCHAKOV	SLEEP	POST SLEEP	PW	DPC	RUSSN OPS	RUSSN OPS	RUSSIAN OPS	MIDDAY-MEAL	RUSSIAN OPS	VELO	TVIS		
	FE-2 EXP18 MAGNUS	SLEEP	POST SLEEP	PW	DPC	ADAPT	ADAPT	1ST STG CAP	CBM 2ND STG & ABOLTS	ADAPT	MIDDAY-MEAL	HANDOVER	MDDK XFER	JRMS PREP



NOTES #ACT *DEACT #STATUS CHECK BIAS -XLV -ZVV *INSTALL *FILTER CHECK *EXERCISE *INSTALL

FD04

STS-126/ULF2 JOINT MSN SHRT TERM PLN



ISS	DAY/NIGHT	[Bar chart showing day/night cycle]																							
	ORBIT	1266	1267	1268	1269	1270	1271	1272	1273	7															
	DAILY ORBIT	14	15	1	2	3	4	5	6	7															
	TDRS AVAIL	[Green and orange bars indicating availability]																							
VHF																									
ISS ATTITUDE		-XVV +ZLV TEA																							
TLM FORMAT SAA		VWV VVW VVX																							
DBUS	CSS-TLM-FORMAT-SWAP	HCSS-TLM-FORMAT-SWAP																							
	ACS-GNC PPL-UPDATE	IACS-GNC PPL-UPDATE																							
	ACS-AUTO-H/O-RS-INH	IACS-AUTO-H/O-RS-INH																							
	MSS-POWERUP	MSS-POWERUP																							
	UHF-SSSR-ACT	UHF-SSSR-ACT																							
	VDS-VIDEO-CNFG	VDS-VIDEO-CNFG																							
	MPLM-PRESS-CHECK	MPLM-PRESS-CHECK																							
	DPC	DPC																							
	MPLM-PPL-LOAD	MPLM-PPL-LOAD																							
	UHF-INDEX-CHNG	UHF-INDEX-CHNG																							
STRAPDOWN	NOD2-CBM BOLT LOADNG	NOD2-CBM BOLT LOADNG																							
	S&M-NULP-PPL-UPLINK	S&M-NULP-PPL-UPLINK																							
	SPS-DDCU-SFNG	SPS-DDCU-SFNG																							
	ISS-MODE EXT-XTION	ISS-MODE EXT-XTION																							
	CCS-TLM FORMAT-SWAP	CCS-TLM FORMAT-SWAP																							
	JEMRMS ACT PT1	JEMRMS ACT PT1																							
	SPS-DDCU-NOM-CNFG	SPS-DDCU-NOM-CNFG																							
	PPS-DDCU-SFNG	PPS-DDCU-SFNG																							
	A/L-CCAA-TEMP-STPT	A/L-CCAA-TEMP-STPT																							
	IATCS-A/L LTL-TERM	IATCS-A/L LTL-TERM																							
LOG	CHECS-KU D/L-CMD	ICHECS-KU D/L-CMD																							
	COMMS-ETF HRD-DL	ICOMMS-ETF HRD-DL																							
	ETF-RESOURCES																								
	SOL-POWER	ISOL-REAL-CMD																							
CCM	SOL-REAL-CMD	ISOL-REAL-CMD																							
	ETF-R/T-TC	IETF-R/T-TC																							
	COL-LOG FILE-DNLC	COL-LOG F																							
	CHECS-KU D/L-CMD	ICHECS-KU D/L-CMD																							
MPL	CSS-TLM-FORMAT-SWAP	HCSS-TLM-FORMAT-SWAP																							
	ACS-GNC PPL-UPDATE	IACS-GNC PPL-UPDATE																							
	APCU-ACTIVATION	HAPCU-ACTIVATION																							
	APCU-DEACTIVATION	HAPCU-DEACTIVATION																							
MPL	NO-EXERCISE	NO-EXERCISE																							
	HK2-PREEMPT-PKT-LMT	HK2-PREEMPT-PKT-LMT																							
	OCA-MAIL-SYNC	OCA-MAIL-SYNC																							
	ISS-MODE EXT-XTION	ISS-MODE EXT-XTION																							
MPL	CCS-TLM FORMAT-SWAP	CCS-TLM FORMAT-SWAP																							
	JEM MODE TO ROBO	JEM MODE TO ROBO																							
	J-EXT F/A TVC-ACT	J-EXT F/A TVC-ACT																							
	JEM-VIDEO-PREP	JEM-VIDEO-PREP																							
JEMRMS ACT PT1	JEMRMS ACT PT1																								

#ACT-14 DEACT FLT PLN/126/FIN

NOTES:

FD04

GMT 11/18/08 (323)

MET Day 003

		01		02		03		04		05		06		07		08		09		10		11		12			
		003/00		01		02		03		04		05		06		07		08		09		10		11		12	
S T S - 1 2 6	CDR FERGUSON	IMV*	MPLM ACT II	M P N L G M R	EVA1 PROC RVW	M U S	PRE SLEEP	PMC A/G	PRE SLEEP	SLEEP																	
	R1 PLT BOE	X T F A E R	X F E R B R I E F		EVA1 PROC RVW	M S P L U M	M U S	PRE SLEEP	PRE SLEEP	SLEEP																	
	R3 MS1 PETTIT	IMV*	V C O E L U T S E	M P N L G M R	EVA1 PROC RVW	M U S	PRE SLEEP	PRE SLEEP	SLEEP																		
	EV2 MS2 BOWEN	E-LK	P R E P	M O P	EVA1 PROC RVW	PRE SLEEP	MASK PB/TOOL CONFIG	PRE SLEEP	SLEEP ISS A/L CAMPOUT @10.2 PSI																		
	EV1 MS3 PIPER	E-LK	P R E P	M O P	EVA1 PROC RVW	PRE SLEEP	MASK PB/TOOL CONFIG	PRE SLEEP	SLEEP																		
	R2/EV3 MS4 KIMBROUGH	X T F A E R		M D K #	M O P	EVA1 PROC RVW	M U S	PRE SLEEP	PRE SLEEP	SLEEP																	
D N	FE-2 CHAMITOFF	RED	D C S U	R P W	EVA1 PROC RVW	D P C	P W	PRE SLEEP-ISS	SLEEP																		
I S S	ISS CDR FINCKE	EXERCISE CEVIS			EVA1 PROC RVW	D P C	P W	PRE SLEEP-ISS	SLEEP																		
	FE-1 LONCHAKOV	T V I S		P W	EVA1 PROC RVW	D P C	P W	PRE SLEEP-ISS	SLEEP																		
U P	FE-2 EXP18 MAGNUS	B J M N V R	B D U E S A L C T I T	P W	EVA1 PROC RVW	D P C	D W N L D	PMC	PRE SLEEP-ISS	SLEEP																	
DAY/NIGHT		[Bar chart showing day/night cycle]																									
ORBIT		[Bar chart showing orbit parameters]																									
TDRS		[Bar chart showing TDRS data]																									
ORB ATT		BIAS -XLV -ZVV																									
NOTES		*INSTALL #STATUS CHECK																									

FD04

STS-126/ULF2 JOINT MSN SHRT TERM PLN

CT 11/17/08 (322) 19 20 21 22 23 11/18 01 02 03 04 05 06 07 08 09 10 05 06
 MET Day 003 003/00 01 02 03 04 05 06 07 08 09 10 11 12
 GMT 11/18/08 (323) 01 02 03 04 05 06 07 08 09 10 11 12

ISS	DAY/NIGHT	[Shaded bars indicating day/night cycle]											
	ORBIT	1274	1275	1276	1277	1278	1279	1280	1281				
	DAILY ORBIT	7	8	9	10	11	12	13	14				
	TDRS AVAIL	[Green bars indicating TDRS availability]											
VHF													

ISS ATTITUDE -XVV +ZLV TEA

TLM FORMAT SAA -V VX -V VV

DBS	SOL-SOLSPEC-SOL	SOL-SOLSPEC-SOL
	PPS-DDCU-RCRVY	PPS-DDCU-RCRVY
	CCS-TLM FORMAT-SWAP	HCCS-TLM FORMAT-SWAP
	VDS-VIDEO-DCNFG	VDS-VIDEO-DCNFG
	ISS-STAND MODE-XTION	HISS-STAND MODE-XTION
	MPLM-INGRESS-SUPPORT	IMPLM-INGRESS-SUPPORT
	MSS-POWERDOWN	MSS-POWERDOWN
	DPC	DPC
	IATCS-MTL FLOW-ADJST	IATCS-MTL FLOW-ADJST
	HMS-PMC	HMS-PMC
	IATCS-A/L LTL-INIT	IATCS-A/L LTL-INIT
	JAL-10.2 INIT-PT1	JAL-10.2 INIT-PT1
	JAL-10.2 INIT-PT2	JAL-10.2 INIT-PT2
	A/L-CAMPOUT-CNFG	A/L-CAMPOUT-CNFG
	ACS-AUTO-H/O-RS-ENA	ACS-AUTO-H/O-RS-ENA
PPS-PCU-ACT	PPS-PCU-ACT	
A/L-10.2 PSI OP-TERM	A/L-10.2 PSI OP-TERM	

LOC	SOL-SOLSPEC-SOL	SOL-SOLSPEC-SOL
	ETF-RESOURCES	ETF-RESOURCES
	SOL-POWER	SOL-POWER
	COL-LOG FILE-DNLK	COL-LOG FILE-DNLK
	SOL-SOLSPEC-SOL	SOL-SOLSPEC-SOL
	COMMS-ETF HRD-DL	
	DMS-NOM TM PKT-SWA 1	
	SOL-CPD CS-STRT	SOL-CPD CS-STRT
	DMS-SOL-UPLK	DMS-SOL-UPLK
	MMU-SOL-XFER 1	MMU-SOL-XFER 1

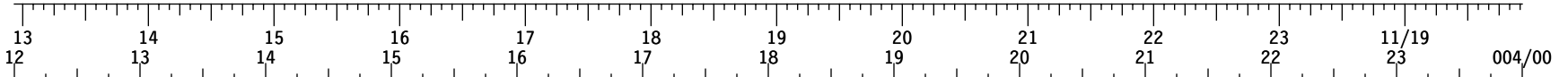
COMMS	CCS-TLM FORMAT-SWAP	HCCS-TLM FORMAT-SWAP
	ISS-STAND MODE-XTION	HISS-STAND MODE-XTION
	OCA-MAIL-SYNC	OCA-MAIL-SYNC
	JRMS-STB MODE-XTION	JRMS-STB MODE-XTION
	JEM MODE TO STD	JEM MODE TO STD

NOTES:

FD05

GMT 11/18/08 (323)

MET Day 003



S T S - 1 2 6	CDR FERGUSON	SLEEP	PS OL SEP	PMC A/G	POST SLEEP	HYG BRK/ HATCH CLS	CAMPOUT EVA PREP	EMU PREBREATHE	C_LK DPRS	EXERCISE	IN M2 UP	FILTER INSPECT	MEAL	CIN 2 CIT *3	MPLM XFER	CT WE CRM	CX WF CER	MPLM XFER	
	R1 PLT BOE	SLEEP	LOG		POST SLEEP			EXERCISE	P/TV07 EVA S/U		P/TV07 EVA SPPT				P/TV07 EVA SPPT			MX PF LE MR	
	R3\M1 MS1 PETTIT	SLEEP	LOG		POST SLEEP			MPLM XFER			SSRMS EVA1 SPPT				MPLM XFER	ZSR INSTALL		ZSR INSTL	
	EV2 MS2 BOWEN	SLEEP			POST SLEEP	HYG BRK/ PREBREATHE	CAMPOUT EVA PREP	EMU PREBREATHE	C_LK DPRS	P D L R S	S E T U P	NTA REMOVL/ MNV LMC	NTA INSTL ON LMC	FHRC RMV	FHRC INST/ SSRMS CL	SARJ CLNING/ TBA R&R		C I N G U R P S	
	EV1 MS3 PIPER	SLEEP			POST SLEEP	HYG BRK/ PREBREATHE	CAMPOUT EVA PREP	EMU PREBREATHE	C_LK DPRS	P D L R S	S E T U P	NTA REMOVL/ MNV LMC	NTA INSTL ON LMC	SARJ PREP	FHRC INST/ SSRMS CL	E F B M R M V L	SARJ CLNING/ TBA R&R		C I N G U R P S
	R2/EV3 MS4 KIMBROUGH	SLEEP	LOG		POST SLEEP			EXERCISE	EVA1 SPPT	I V A P R E P		EVA1 I V A S P P R T							
D N	FE-2 CHAMITOFF	SLEEP			POST SLEEP	HYG BRK/ HATCH CLS	CAMPOUT EVA PREP	EMU PREBREATHE	C_LK DPRS	P S O L S E T	C I N T		CT W E R M		EXERCISE CEVIS	MIDDAY- MEAL	MPLM XFER	G L O M E	EXERCISE RED
	ISS CDR FINCKE	SLEEP			POST SLEEP	PW DPC	EXERCISE TVIS	ARED XFER			MPLM XFER				EXERCISE RED	MIDDAY- MEAL	ZSR INSTALL		ZSR INSTL
I S S	FE-1 LONCHAKOV	SLEEP			POST SLEEP	PW DPC	RUSSIAN OPS	VELO			RUSSIAN OPS				MIDDAY- MEAL		RUSSIAN OPS	E T X V E I R S	
	M2 FE-2 EXP18 MAGNUS	SLEEP			POST SLEEP	PW DPC	ADAPTATION	ARED XFER			SSRMS EVA1 SPPT				MIDDAY- MEAL	MPLM XFER	J B U R S I E S	M E F S M A A S C R I P T I T	
DAY/NIGHT		ORBIT		W		E		Z		ORB ATT		NOTES							
				-171.0		-46.0		-275.0											
				57		58		59		60		61		62		63		64	
				#STATUS CHECK		BIAS -XLV -ZVV		*RPRS INIT		*RPRS TERM		*RPRS TERM		*RPRS TERM		*RPRS TERM		^FINAL ACT PT2	

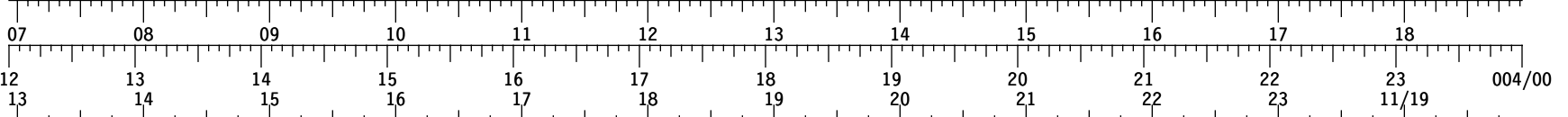
FD05

STS-126/ULF2 JOINT MSN SHRT TERM PLN

CT 11/18/08 (323)

MET Day 003

GMT 11/18/08 (323)



ISS	DAY/NIGHT	[Bar chart showing day/night cycle]							
	ORBIT	1282	1283	1284	1285	1286	1287	1288	1289
	DAILY ORBIT	15	16	1	2	3	4	5	6
	TDRS AVAIL	[Bar chart showing TDRS availability]							

ISS ATTITUDE -XVV +ZLV TEA

TLM FORMAT SAA VVW VVX

DPM	MSS-POWERUP	[Timeline bar]							
	ACS-AUTO-H/O-RS-INH	[Timeline bar]							
	EVA-HYGIENE-BRK-PT1	[Timeline bar]							
	EVA-HYGIENE-BRK-PT2	[Timeline bar]							
	VDS-VIDEO-CNFG	[Timeline bar]							
	PPS-PCU FDIR-ENABLE	[Timeline bar]							
	A/L RAPID DPRS-ENA	[Timeline bar]							
	VDS-CNFG	[Timeline bar]							
	DPC	[Timeline bar]							
	ISS-RAP DPRS-INH	[Timeline bar]							
	UHF-INDEX-CHNG	[Timeline bar]							
	ACS-PCA VRIV-OP	[Timeline bar]							
	ESP3-PWR-APPLY	[Timeline bar]							
	JAL-10.2 TERM-PT1	[Timeline bar]							
	JAL-10.2 TERM-PT2	[Timeline bar]							

COMMS	COMMS-ETF HRD-DL	[Timeline bar]							
	ETF-RESOURCES	[Timeline bar]							
	SOL-POWER	[Timeline bar]							
	SOL-REAL-CMD	[Timeline bar]							
	ETF-R/T-TC	[Timeline bar]							

MCC	MCC-H FCT H/O (3/1)	[Timeline bar]							
	EVA INHIBIT PAD	[Timeline bar]							
	OCA-MAIL-SYNC	[Timeline bar]							
	MCC-H FCT H/O (1/2)	[Timeline bar]							
	ISS-MODE EXT-XTION	[Timeline bar]							

JEM	JEM MODE TO ROBO	[Timeline bar]							
	JEM-VIDEO-PREP	[Timeline bar]							
	JRMS-NOR MODE-XTION	[Timeline bar]							
	JEMRMS DEACT	[Timeline bar]							
	JEMRMS DEACT	[Timeline bar]							

ETC-RESOURCES SOL-POWER

COL-LOG FILE-DNLK

ETC-RESOURCES SOL-POWER

COL-LOG FILE-DNLK

ETC-RESOURCES SOL-POWER

COL-LOG FILE-DNLK

ETC-RESOURCES SOL-POWER

COL-LOG FILE-DNLK

2-15

FLT PLN/126/FIN

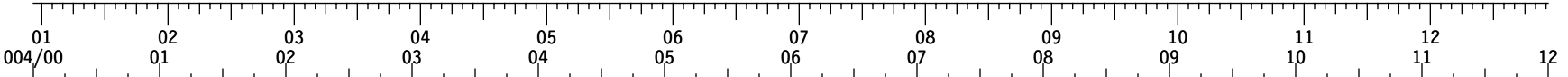
FINAL ACT PT2

NOTES:

FD05

GMT 11/19/08 (324)

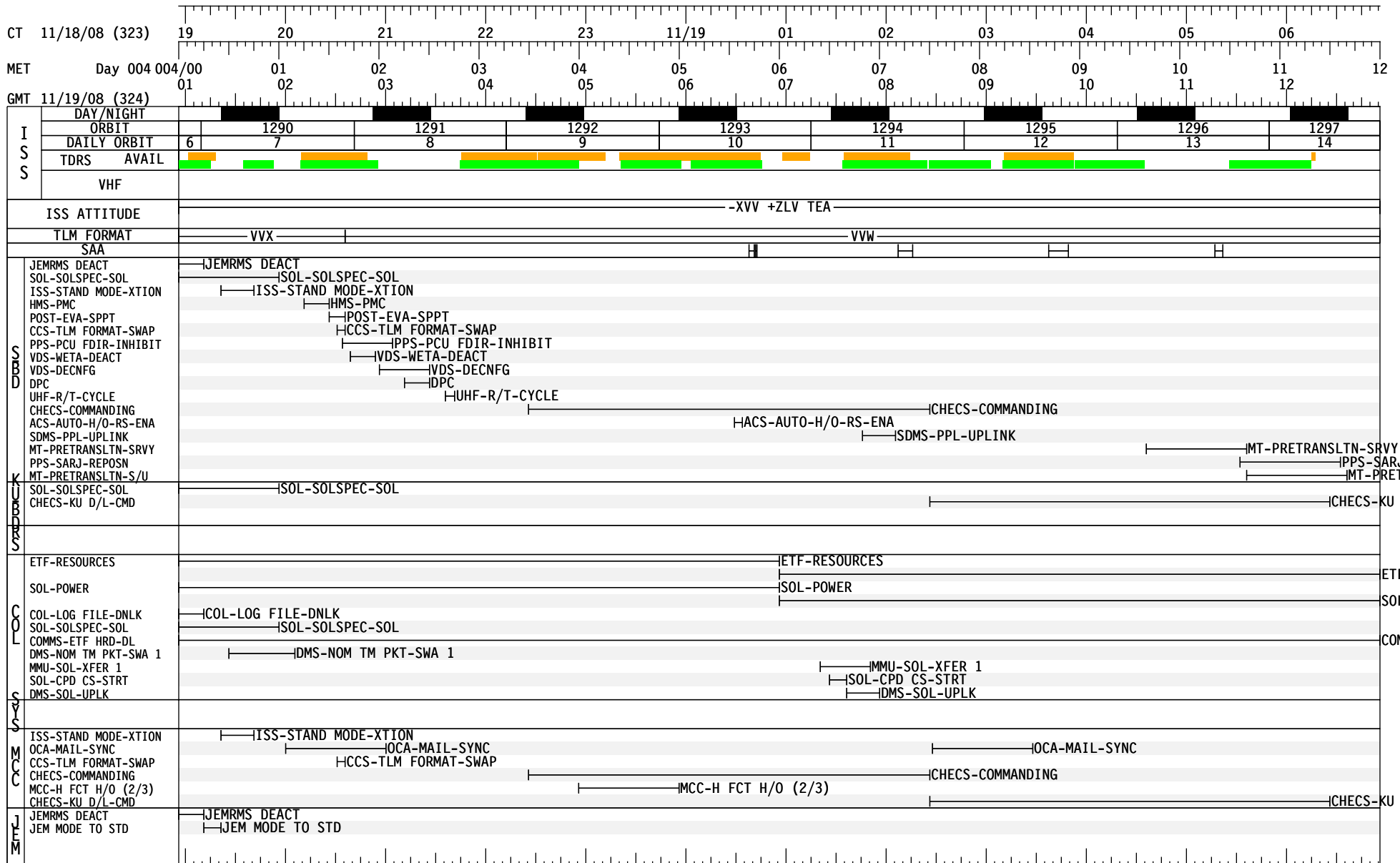
MET Day 004



S T S - 1 2 6	CDR FERGUSON	MX PF LE MR	PR RR SS	POST EVA W/H2O	ME TX FE ER	XX MU CS	PRE SLEEP	PMC A/G	PRE SLEEP	ISS EXTERNAL SURVEY SLEEP			
	R1 PLT BOE			MPLM XFER	M IL LU ONS				PRE SLEEP	SLEEP			
	R3/M1 MS1 PETTIT			ZSR INSTL	EXERCISE	XT FA EG ER	XB FR M I U E S F			PRE SLEEP	SLEEP		
	EV2 MS2 BOWEN	C I P L N G R U R P P S	PR RR SS	POST EVA W/H2O	M O P					PRE SLEEP	SLEEP		
	EV1 MS3 PIPER	C I P L N G R U R P P S	PR RR SS	POST EVA W/H2O	M O P					PRE SLEEP	SLEEP		
	R2/EV3 MS4 KIMBROUGH	* P R R S	PR RR SS	MPLM XFER	M D M D U K S #	M O P				PRE SLEEP	SLEEP		
D N	FE-2 CHAMITOFF	P R R S	POST EVA W/H2O	BSA INIT	D W N D P C				PRE SLEEP-ISS	J R N L	SLEEP		
I S S	ISS CDR FINCKE		ZSR INSTL	ISS-LAB RACK PREP	PW	D P C			PRE SLEEP-ISS	SLEEP			
	FE-1 LONCHAKOV		EXER TVIS		PW	D P C			PRE SLEEP-ISS	SLEEP			
U P	M2 FE-2 EXP18 MAGNUS		ADAPT	PMC DD LL	PW	D P C			PRE SLEEP-ISS	SLEEP			
DAY/NIGHT		[Timeline with shaded day/night blocks]											
ORBIT		[Timeline with orbit parameters]											
TDRS		[Timeline with TDRS parameters]											
ORB ATT		[Timeline with orbit attitude parameters]											
NOTES		*EVA1 IVA SPRT *INIT #STATUS CHECK BIAS -XLV -ZVV											

FD05

STS-126/ULF2 JOINT MSN SHRT TERM PLN



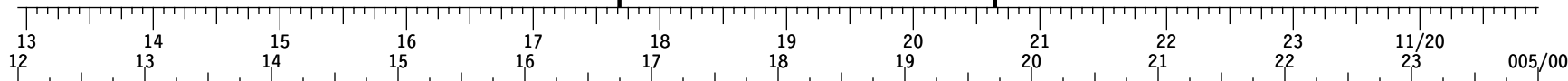
NOTES:

**NO EXERCISE
[DURING LCS IMAGING]**

FD06

GMT 11/19/08 (324)

MET Day 004

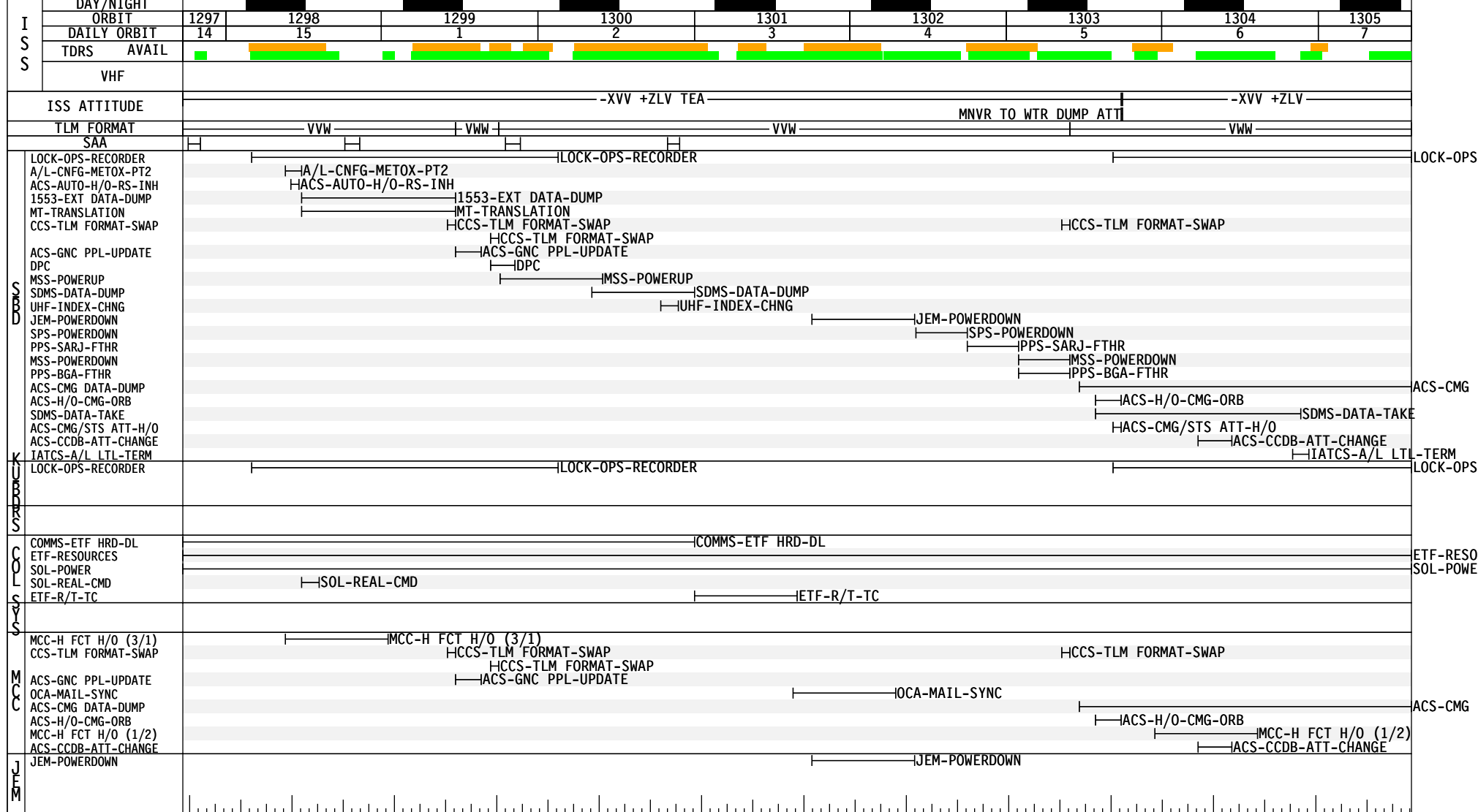


S T S - 1 2 6	CDR FERGUSON	SLEEP	POST SLEEP		FI DOUG REVIEW	FOCUSSED INSPECTION					MEAL	MPLM XFER	STBD CREW QTRTS INST	EXERCISE			
	R1 PLT BOE	SLEEP	POST SLEEP		FI DOUG REVIEW	FOCUSSED INSPECTION					MEAL	MPLM XFER	STBD CREW QTRTS INST	EXER			
	R3/M1 MS1 PETTIT	SLEEP	POST SLEEP		EXERCISE	EXPRESS RACK INSTALL	MPLM XFER	WHC RACK INSTALL	WRS CONFIG	MEAL	WRS CONFIG						
	EV2 MS2 BOWEN	SLEEP	POST SLEEP		MPLM XFER		EMU SWAP	COND CWC C/O	MEAL	PEAVOENT	EXERCISE	MPLM XFER					
	EV1 MS3 PIPER	SLEEP	POST SLEEP		EXERCISE	XPFRAT	MPLM XFER	NLP^	BSA INIT	EMU SWAP	P/TV 05 S/U	MEAL	PEAVOENT	BMI AENSTXTL	E-LK PREP	TOOL CONFIG	MMUOSP
	R2/EV3/M2 MS4 KIMBROUGH	SLEEP	POST SLEEP		FI DOUG REVIEW	FOCUSSED INSPECTION					MEAL	PEAVOENT	BMI AENSTXTL	E-LK PREP	TOOL CONFIG	EXER	
D N	FE-2 CHAMITOFF	SLEEP	POST SLEEP	PW	D2XS	WRS-1 RACK INSTALL	WRS-2 RACK INSTALL	CIR RACK INSTALL	D2XS	MPLM XFER	PORT CREW QTRTS INST	MIDDAY-MEAL	MPLM XFER	CSA-CP ACO	RED	CVIS	CEVIS
	ISS CDR FINCKE	SLEEP	POST SLEEP	PW	D2XS	EXERCISE RED	*JWIND	EXPRESS RACK INSTALL	WHC RACK PREP	WHC RACK INSTALL	MPLM XFER	MIDDAY-MEAL	NODE 2 RSR TO MPLM	D2XS FLSH	DC2A XMSR	JRN L	DCS
I S S	FE-1 LONCHAKOV	SLEEP	POST SLEEP	PW	DPC	VELO	RUSSIAN OPS					MIDDAY-MEAL	RUSSIAN OPS	EXERCISE TVIS	RUSS		
	FE-2 EXP18 MAGNUS	SLEEP	POST SLEEP	PW	DPC	WRS-1 RACK INSTALL	WRS-2 RACK INSTALL	CIR RACK INSTALL	MPLM XFER	PORT CREW QTRTS INST	MIDDAY-MEAL	NODE 2 RSR TO MPLM	STBD CREW QTRTS INST	MPLM XFER	ADAPT		
DAY/NIGHT		[Timeline bars for day/night cycle]															
ORBIT		[Timeline bars for orbit parameters]															
TDRS		[Timeline bars for TDRS parameters]															
ORB ATT		BIAS -XLV -ZVV *CMS-CEVIS-RMV ^CELLS TERM1 @TERM DUMP															
NOTES		#STATUS CHECK *FILTER CHECK															

FD06

STS-126/ULF2 JOINT MSN SHRT TERM PLN

CT 11/19/08 (324) 07 08 09 10 11 12 13 14 15 16 17 18
 MET Day 004 12 13 14 15 16 17 18 19 20 21 22 23 005/00
 GMT 11/19/08 (324) 13 14 15 16 17 18 19 20 21 22 23 11/20



2-19

FLT PLN/126/FIN

NOTES:

FD06

GMT 11/20/08 (325)

MET Day 005

		01		02		03		04		05		06		07		08		09		10		11		12			
		005/00		01		02		03		04		05		06		07		08		09		10		11		12	
S T S - 1 2 6	CDR FERGUSON	CT OENR DMR	MT NEVA O	H /O	M ID MD UK #	EVA2 PROC REVIEW	M R L E E P M C A /G	PRE SLEEP						SLEEP													
	R1 PLT BOE	E X E R			X T F A E R	EVA2 PROC REVIEW	M U S	PRE SLEEP						SLEEP													
	R3/M1 MS1 PETTIT	M P L M X F E R			X T F A E R	EVA2 PROC REVIEW	X F E R B R I E F	M U S	PRE SLEEP						SLEEP												
	EV2 MS2 BOWEN	M P L M X F E R				EVA2 PROC REVIEW	L D R I D O W N L I N K	M U S	M O P	PRE SLEEP						SLEEP											
	EV1 MS3 PIPER	M O P	PRE SLEEP			EVA2 PROC REVIEW	PRE SLEEP		M A S K P B / T O O L C O N F I G		P R E S L E E P		ISS A/L CAMPOUT @10.2 PSI SLEEP														
	R2/EV3/M2 MS4 KIMBROUGH		E X E R		M U S L P	EVA2 PROC REVIEW	PRE SLEEP		M A S K P B / T O O L C O N F I G		P R E S L E E P		SLEEP														
D N	FE-2 CHAMITOFF	C E V I S		P W	EVA2 PROC REVIEW	D P C	P W	PRE SLEEP-ISS						SLEEP													
I S S	M2 ISS CDR FINCKE		T V I S		EVA2 PROC REVIEW	D P C	P W	PRE SLEEP-ISS						SLEEP													
	FE-1 LONCHAKOV	R U S S		P W	EVA2 PROC REVIEW	D P C	P W	PRE SLEEP-ISS						SLEEP													
U P	FE-2 EXP18 MAGNUS		A D A P T	S A L I V	EVA2 PROC REVIEW	D P C	D W N L I N K	M P C	PRE SLEEP-ISS						SLEEP												
DAY/NIGHT		[Bar chart showing day/night cycle]																									
ORBIT		[Bar chart showing orbit parameters]																									
TDRS		[Bar chart showing TDRS data]																									
ORB ATT		[Bar chart showing orb att data]																									
NOTES		#STATUS CHECK																									

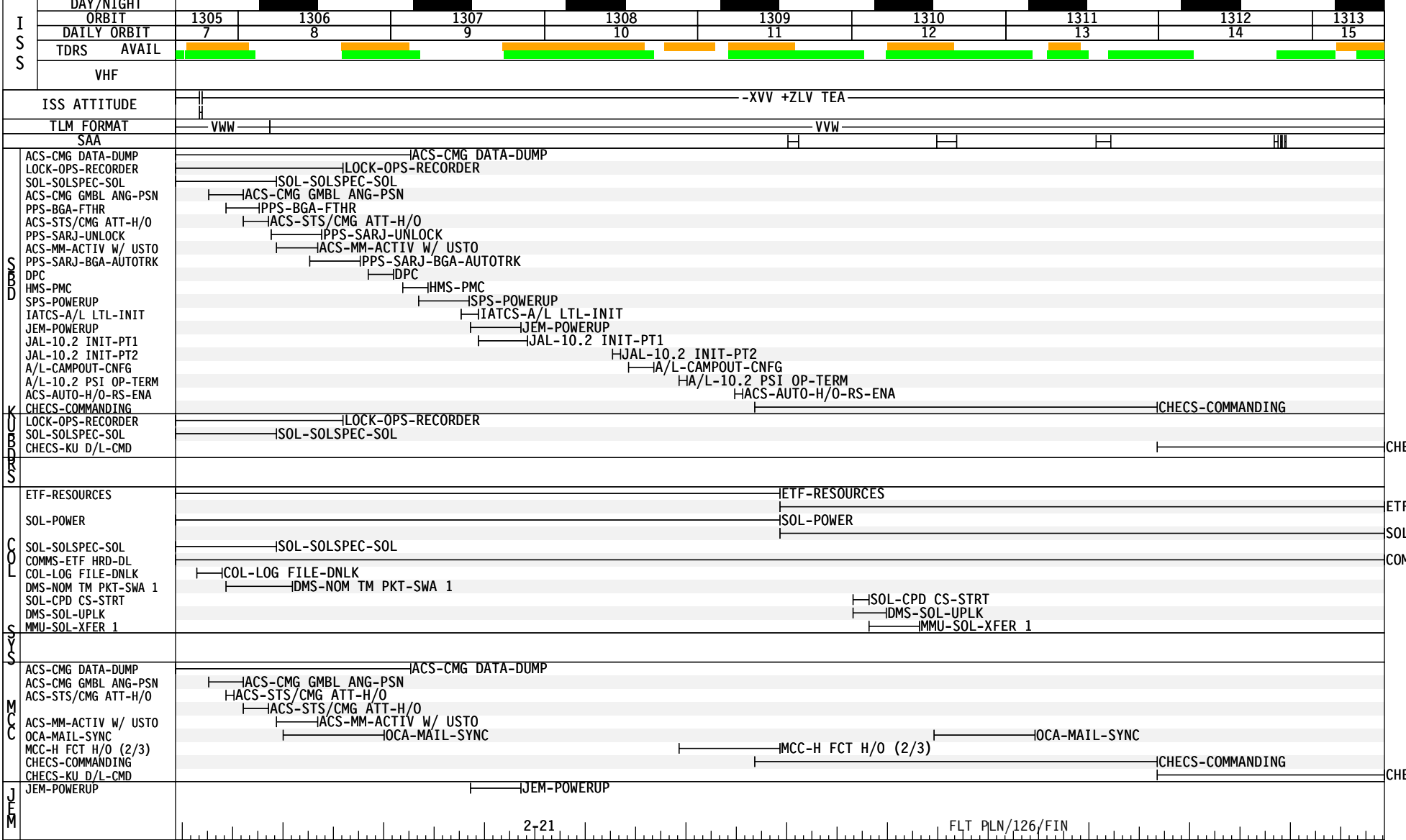
FD06

STS-126/ULF2 JOINT MSN SHRT TERM PLN

CT 11/19/08 (324) 19 20 21 22 23 11/20 01 02 03 04 05 06 07 08 09 10 05 06

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

GMT 11/20/08 (325)



NO EXERCISE
(DURING LEE LUBING)

FD07

GMT 11/20/08 (325)

MET Day 005

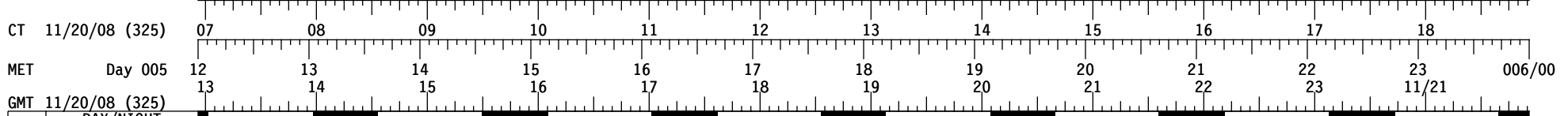
12 13 14 15 16 17 18 19 20 21 22 23 11/21 006/00
12 13 14 15 16 17 18 19 20 21 22 23 23

S T S - 1 2 6	CDR FERGUSON	SLEEP	PS O L S E P	PM C A/G	POST SLEEP	HYG BRK/ HATCH CLS	CAMPOUT EVA PREP	EMU PREBREATHE	C_LK DPRS	MPLM XFER	MEAL	CIN W C I T # 4	MPLM XFER	EXERCISE	CIN W C R M # 5	CWC XFER (2)	MPLM XFER	
	R1 PLT BOE	SLEEP	POST SLEEP				MIP CNA IHD UI #B	EXERCISE	EVA2 IVA SPPRT PREP	EVA2 IVA SPPRT								
	R3/M1 MS1 PETTIT	SLEEP	POST SLEEP				XU F E D R A T	MPLM XFER	SSRMS EVA2 SPPRT				EXERCISE	MP N A V R K	MPLM XFER			
	EV2 MS2 BOWEN	SLEEP	POST SLEEP				EXERCISE	GPS ANT ASSY	P/TV07 EVA S/U	P/TV07 EVA SPPT							M P L M *	
	EV1 MS3 PIPER	SLEEP	POST SLEEP	HYG BRK/ PREBREATHE		CAMPOUT EVA PREP		EMU PREBREATHE	C_LK DPRS	P C E - G L R S S E T U P	CETA CART RELOCATION	SARJ CLNG/ TBA R&R					#	
	R2/EV3 MS4 KIMBROUGH	SLEEP	POST SLEEP	A/L REP	HYG BRK/ PREBREATHE		CAMPOUT EVA PREP		EMU PREBREATHE	C_LK DPRS	P C E - G L R S S E T U P	CETA CART RELOCATION	LEE A LUBRICATION	SARJ CLNG/ TBA R&R			#	
D N	FE-2 CHAMITOFF	SLEEP	POST SLEEP		HYG BRK/ HATCH CLS	CAMPOUT EVA PREP		EMU PREBREATHE	C_LK DPRS	EXERCISE RED	EXERCISE CEVIS	3DS	3DS OPS	3DS	MIDDAY-MEAL	GL DCB FAM V E		
I S S	ISS CDR FINCKE	SLEEP	POST SLEEP		PW	DPC	JEMRMS EFBM OPS PREP	EXERCISE RED	EXERCISE TVIS	MPLM XFER		MIDDAY-MEAL		WRS-KIT3-PT1-INSTL			K I T 3	
	FE-1 LONCHAKOV	SLEEP	POST SLEEP		PW	DPC	RUSSIAN OPS		VELO		RUSSIAN OPS	MIDDAY-MEAL		RUSSIAN OPS			E T X V E R S	
U P	M2 FE-2 EXP18 MAGNUS	SLEEP	POST SLEEP		PW	DPC	EFBM MON PRP	ADAPT	GPS ANT ASSY	SSRMS EVA2 SPPRT				MIDDAY-MEAL		GL DCB FAM V E	MP N A V R K	MPLM XFER
DAY/NIGHT		88		89		90		91		92		93		94		95		96
ORBIT		88		89		90		91		92		93		94		95		96
TDRS		W -171.0		E -46.0		Z -275.0												
ORB ATT										BIAS -XLV -ZVV								
NOTES								*FILTER CHECK		#STATUS CHECK								

*XFER
#CLNUP
&INGRS

FD07

STS-126/ULF2 JOINT MSN SHRT TERM PLN



ISS	DAY/NIGHT	[Day/Night Cycle]													
	ORBIT	1313	1314	1315	1316	1317	1318	1319	1320	1321					
	DAILY ORBIT	15	16	1	2	3	4	5	6	7					
	TDRS AVAIL	[TDRS Availability Bars]													
VHF															

ISS ATTITUDE -XVV +ZLV TEA

TLM FORMAT SAA VVV

DBS	EVA-HYGIENE-BRK-PT1	[EVA-HYGIENE-BRK-PT1]													
	MSS-POWERUP	[MSS-POWERUP]													
	EVA-HYGIENE-BRK-PT2	[EVA-HYGIENE-BRK-PT2]													
	PPS-PCU FDIR-ENABLE	[PPS-PCU FDIR-ENABLE]													
	VDS-VIDEO-CNFG	[VDS-VIDEO-CNFG]													
	A/L RAPID DPRS-ENA	[A/L RAPID DPRS-ENA]													
	C&T-VDS-CNFG	[C&T-VDS-CNFG]													
	DPC	[DPC]													
	ETCS-LPB TRRJ-LOCK	[ETCS-LPB TRRJ-LOCK]													
	ISS-RAP DPRS-INH	[ISS-RAP DPRS-INH]													
	JAL-10.2 TERM-PT1	[JAL-10.2 TERM-PT1]													
	UHF-INDEX-CHNG	[UHF-INDEX-CHNG]													
	ACS-PCA VRIV-OP	[ACS-PCA VRIV-OP]													
	ACS-PCA VRIV-CL	[ACS-PCA VRIV-CL]													
	A/L-CCAA-SPD-CHG	[A/L-CCAA-SPD-CHG]													
JAL-10.2 TERM-PT2	[JAL-10.2 TERM-PT2]														
NITROGEN-XFER-INIT	[NITROGEN-XFER-INIT]														
SSRMS-SNARE-CBL-C/O	[SSRMS-SNARE-CBL-C/O]														
PPS-DDCU-SFNG	[PPS-DDCU-SFNG]														
A/L-CCAA-RECNFG	[A/L-CCAA-RECNFG]														
PPS-DDCU-RCRVY	[PPS-DDCU-RCRVY]														

CHECS-KU D/L-CMD [CHECS-KU D/L-CMD]

COMMS-ETF HRD-DL [COMMS-ETF HRD-DL]

LOG	COMMS-ETF HRD-DL	[COMMS-ETF HRD-DL]													
	ETF-RESOURCES	[ETF-RESOURCES]													
	SOL-POWER	[SOL-POWER]													
	SOL-REAL-CMD	[SOL-REAL-CMD]													
	ETF-R/T-TC	[ETF-R/T-TC]													
	SAP-3DS-S/U	[SAP-3DS-S/U]													
	SAP-3DS-SUB1-S4	[SAP-3DS-SUB1-S4]													
SAP-3DS-EXP	[SAP-3DS-EXP]														
SAP-3DS-STOW	[SAP-3DS-STOW]														
SAP 3DS-S1 XFER	[SAP 3DS-S1 XFER]														
COL-LOG FILE-DNLK	[COL-LOG FILE-DNLK]														

CHECS-KU D/L-CMD [CHECS-KU D/L-CMD]

MCC-H FCT H/O (3/1) [MCC-H FCT H/O (3/1)]

EVA INHIBIT PAD [EVA INHIBIT PAD]

OCA-MAIL-SYNC [OCA-MAIL-SYNC]

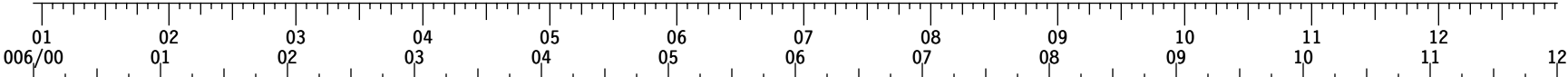
MCC-H FCT H/O (1/2) [MCC-H FCT H/O (1/2)]

NOTES: 2-23 FLT PLN/126/FIN

FD07

GMT 11/21/08 (326)

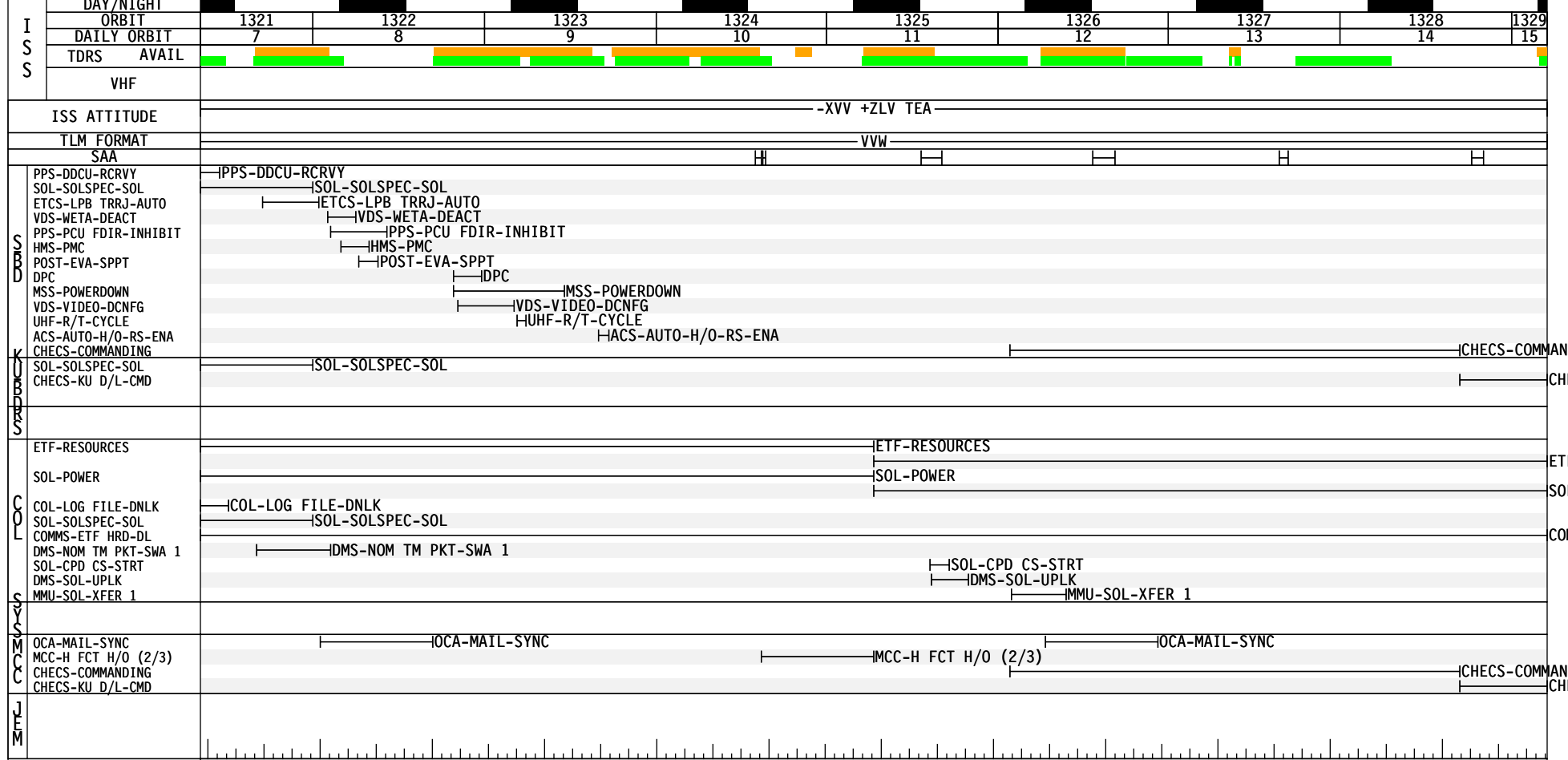
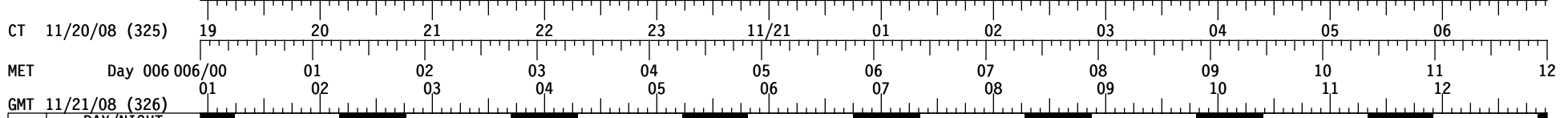
MET Day 006



S T S - 1 2 6	CDR FERGUSON	MPLM XFER	POST EVA W/H2O	M E D I C A L E V E N T S *	PRE SLEEP	PMC A/G	PRE SLEEP	ISS EXTERNAL SURVEY SLEEP							
	R1 PLT BOE	* P R P R S	MPLM XFER	I L L U M I N A T I O N S			PRE SLEEP	SLEEP							
	R3 M1 MS1 PETTIT		MPLM XFER	X T F A G E R	P S T S L E E P	X F E R B R I E F		PRE SLEEP	SLEEP						
	EV2 MS2 BOWEN		MPLM*	X T F A G E R	M O P			PRE SLEEP	SLEEP						
	EV1 MS3 PIPER	# P R P R S	POST EVA W/H2O		M O P			PRE SLEEP	SLEEP						
	R2/EV3 MS4 KIMBROUGH	# P R P R S	POST EVA W/H2O		M O P			PRE SLEEP	SLEEP						
D N	FE-2 CHAMITOFF	RED H/O	POST EVA W/H2O	B S A - T	B S A I N I T	D W N L D	D P C	PRE SLEEP-ISS	J E N N E R	SLEEP					
I S S	M2 ISS CDR FINCKE		KIT3	PW	D D L L	PW	D P C	PRE SLEEP-ISS	SLEEP						
	FE-1 LONCHAKOV		EXER TVIS			PW	D P C	PRE SLEEP-ISS	SLEEP						
U P	FE-2 EXP18 MAGNUS	RED H/O	MPLM XFER	PMC		PW	D P C	PRE SLEEP-ISS	SLEEP						
DAY/NIGHT		[Bar chart showing day/night cycle]													
ORBIT		[Bar chart showing orbit parameters]													
TDRS		[Bar chart showing TDRS data]													
ORB ATT		[Bar chart showing orb att]													
NOTES		*EVA2 IVA SPRT #STATUS CHECK *XFER #CLNUP *INIT &INGRS													

FD07

STS-126/ULF2 JOINT MSN SHRT TERM PLN



NOTES:

FD08

GMT 11/21/08 (326)

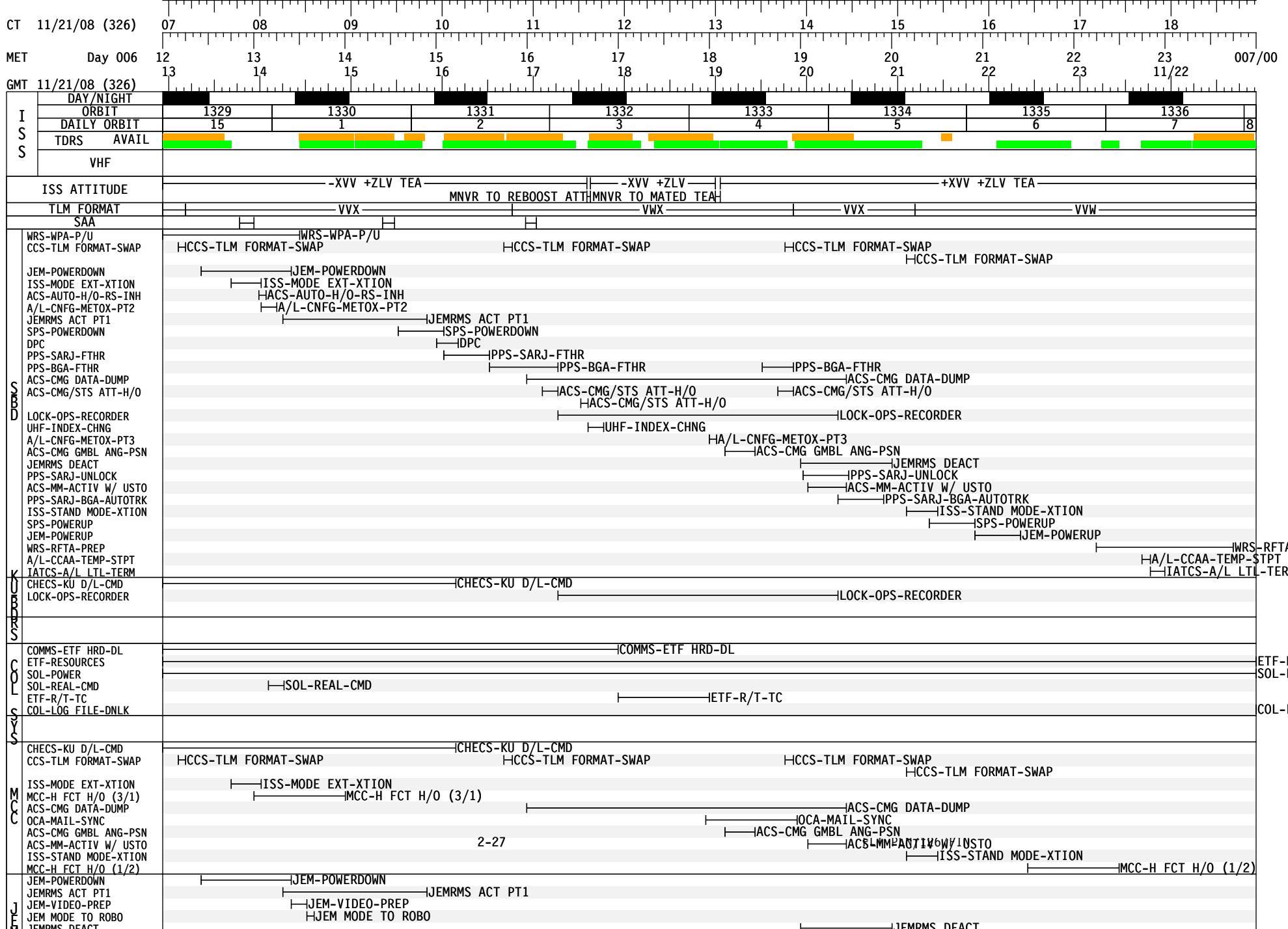
MET Day 006

13 14 15 16 17 18 19 20 21 22 23 11/22 007/00
 12 13 14 15 16 17 18 19 20 21 22 23 23

S T S - 1 2 6	CDR FERGUSON	SLEEP	POST SLEEP			FILTER INSPECT	M R N B V S R T	REBOOST CONFIG 3	M T E N V A R	I M U	H /	CREW CONF	C P R H E O W T O	MEAL	OFF DUTY	EXERCISE	C I N C I T # 6	MPLM XFER	
	R1 PLT BOE	SLEEP	POST SLEEP			I L O F F P W R F I L L # 1	W C S *	REBOOST CONFIG 3	P X F E R	C O N D C W C /	N 2 I	CREW CONF	C P R H E O W T O	MEAL	OFF DUTY	MPLM XFER	EXERCISE	MPLM XFER	
	R3 MS1 PETTIT	SLEEP	POST SLEEP			X U F E D R A T		MPLM XFER	EXERCISE			CREW CONF	C P R H E O W T O	MEAL	OFF DUTY	MPLM XFER			
	EV2 MS2 BOWEN	SLEEP	POST SLEEP					MPLM XFER	ETVCG ASSEMBLY	M E T X *	E M U S W A P	B M I A E N T T S /	CREW CONF	C P R H E O W T O	MEAL	OFF DUTY	E-LK PREP	TOOL CONFIG	E X E R
	EV1 MS3 PIPER	SLEEP	POST SLEEP					EXERCISE	MPLM XFER		E M U S W A P	B M I A E N T T S /	CREW CONF	C P R H E O W T O	MEAL	OFF DUTY	E-LK PREP	TOOL CONFIG	
	R2/EV3 MS4 KIMBROUGH	SLEEP	POST SLEEP			M D D K #		MPLM XFER	ETVCG ASSEMBLY	B S A - T	B S A - I	P /	T V S /	CREW CONF	C P R H E O W T O	MEAL	OFF DUTY	MPLM XFER	G P L H A O C T O P L L I A D E O E X E R
D N	FE-2 CHAMITOFF	SLEEP	POST SLEEP	PW	D P C S	D 2 X S	EXERCISE RED	MPLM XFER				CREW CONF	C P R H E O W T O	MIDDAY-MEAL	OFF DUTY	I M M N	DCB-ULF2 SMP-XFER	MPLM XFER	C E V I S
	ISS CDR FINCKE	SLEEP	POST SLEEP	PW	D P C		EFBM-C/O	EXERCISE RED			D 2 X S	CREW CONF	C P R H E O W T O	MIDDAY-MEAL	OFF DUTY	M O V E N	EXERCISE TVIS	RFTA FILL	
I S S	FE-1 LONCHAKOV	SLEEP	POST SLEEP	PW	D P C		RUSSIAN OPS	VELO	RUSSIAN OPS		CREW CONF	C P R H E O W T O	MIDDAY-MEAL	OFF DUTY	RUSSIAN OPS	TVIS			
	UP FE-2 EXP18 MAGNUS	SLEEP	POST SLEEP	PW	J W I D P C	J R M S	FFQ	MPLM XFER	EXERCISE CEVIS	J D R E M A S C T		CREW CONF	C P R H E O W T O	MIDDAY-MEAL	OFF DUTY	D C B	DCB-ULF2 SMP-XFER	C I N C I T	MPLM XFER
DAY/NIGHT		ORBIT		W		E		Z		ORB ATT		NOTES							
		104		105		106		107		108		109		110		111			
		-171.0		-46.0		-275.0													
		BIAS -XLV -ZVV		REBOOST		BIAS -XLV -ZVV													
				*COMPACT		*TERM													
				#STATUS CHECK															

FD08

STS-126/ULF2 JOINT MSN SHRT TERM PLN



FD08

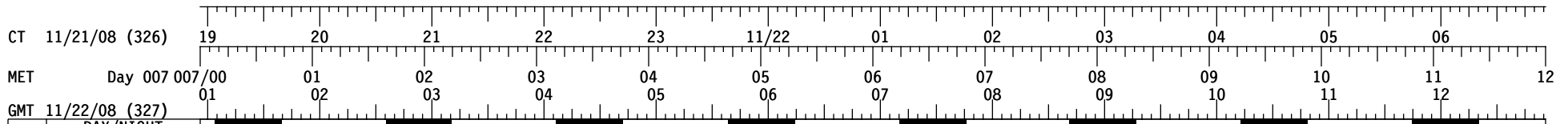
GMT 11/22/08 (327)

MET Day 007

		01			02			03			04			05			06			07			08			09			10			11			12					
		007/00			01			02			03			04			05			06			07			08			09			10			11			12		
S T S - 1 2 6	CDR FERGUSON	M P L M R	X F L E C R M	C T W E R C R	X F E R	EVA3 PROC REVIEW	M U S	PRE SLEEP	PMC A/G	PRE SLEEP						SLEEP																								
	R1 PLT BOE	M P L M X F E R	X T F A E G R		EVA3 PROC REVIEW	M U S	PRE SLEEP						SLEEP																											
	R3 MS1 PETTIT	M P L M X F E R	X T F A E G R		EVA3 PROC REVIEW	X F E R B R I E F	M U S	PRE SLEEP						SLEEP																										
	EV2 MS2 BOWEN	EXER			EVA3 PROC REVIEW	PRE SLEEP			MASK PB/TOOL CONFIG			PRE SLEEP	ISS A/L CAMPOUT @10.2 PSI SLEEP																											
	EV1 MS3 PIPER	M O P S	PRE SLEEP		EVA3 PROC REVIEW	PRE SLEEP			MASK PB/TOOL CONFIG			PRE SLEEP	SLEEP																											
	R2/EV3 MS4 KIMBROUGH	E X E R	M D L K #	G L C R	EVA3 PROC REVIEW	M U S	M O P	PRE SLEEP						SLEEP																										
D N	FE-2 CHAMITOFF	CEVIS			EVA3 PROC REVIEW	D P C	P W	PRE SLEEP-ISS						SLEEP																										
I S S	ISS CDR FINCKE	RFTA FILL			D W C N S L D	EVA3 PROC REVIEW	D P C	P W	PRE SLEEP-ISS						SLEEP																									
	FE-1 LONCHAKOV	TVIS		P W	EVA3 PROC REVIEW	D P C	P W	PRE SLEEP-ISS						SLEEP																										
U P	FE-2 EXP18 MAGNUS	C W C T	D F L X S H	D2XS CAMR	EVA3 PROC REVIEW	D P C	P W	PRE SLEEP-ISS						SLEEP																										
DAY/NIGHT		[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]								
ORBIT		112			113			114			115			116			117			118			119																	
T D R S	W	-171.0			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]								
	E	-46.0			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]								
	Z	-275.0			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]			[Bar]								
ORB ATT																																								
NOTES		#STATUS CHECK																																						

FD08

STS-126/ULF2 JOINT MSN SHRT TERM PLN



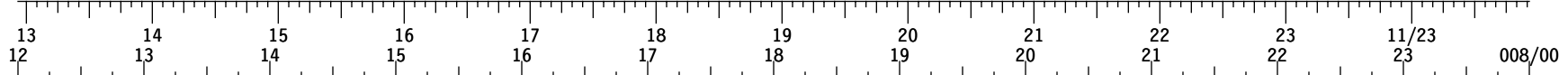
ISS	DAY/NIGHT	[Shaded bars indicating day/night cycle]											
	ORBIT	1337	1338	1339	1340	1341	1342	1343	1344				
	DAILY ORBIT	8	9	10	11	12	13	14	15				
	TDRS AVAIL	[Green and orange bars indicating TDRS availability]											
	VHF												
ISS ATTITUDE		+XVV +ZLV TEA											
TLM FORMAT SAA		[VWV and other symbols]											
DORS	WRM-CWC-FILL-SPPT	WRM-CWC-FILL-SPPT											
	SOL-SOLSPEC-SOL	SOL-SOLSPEC-SOL											
	DPC	DPC											
	JAL-10.2 INIT-PT1	JAL-10.2 INIT-PT1											
	ACS-AUTO-H/O-RS-ENA	ACS-AUTO-H/O-RS-ENA											
	JAL-10.2 INIT-PT2	JAL-10.2 INIT-PT2											
	A/L-CAMPOUT-CNFG	A/L-CAMPOUT-CNFG											
	A/L-10.2 PSI OP-TERM	A/L-10.2 PSI OP-TERM											
	CHECS-COMMANDING	CHECS-COMMANDING											
	SOL-SOLSPEC-SOL	SOL-SOLSPEC-SOL											
CHECS-KU D/L-CMD	CHECS-KU D/L-CMD												
COL	ETF-RESOURCES	ETF-RESOURCES											
	SOL-POWER	SOL-POWER											
	COL-LOG FILE-DNLK	COL-LOG FILE-DNLK											
	SOL-SOLSPEC-SOL	SOL-SOLSPEC-SOL											
	COMMS-ETF HRD-DL	COMMS-ETF HRD-DL											
	DMS-NOM TM PKT-SWA 1	DMS-NOM TM PKT-SWA 1											
	SOL-CPD CS-STRT	SOL-CPD CS-STRT											
DMS-SOL-UPLK	DMS-SOL-UPLK												
MMU-SOL-XFER 1	MMU-SOL-XFER 1												
COMS	OCA-MAIL-SYNC	OCA-MAIL-SYNC											
	MCC-H FCT H/O (2/3)	MCC-H FCT H/O (2/3)											
	CHECS-COMMANDING	CHECS-COMMANDING											
	CHECS-KU D/L-CMD	CHECS-KU D/L-CMD											
TIME													

NOTES:

FD09

GMT 11/22/08 (327)

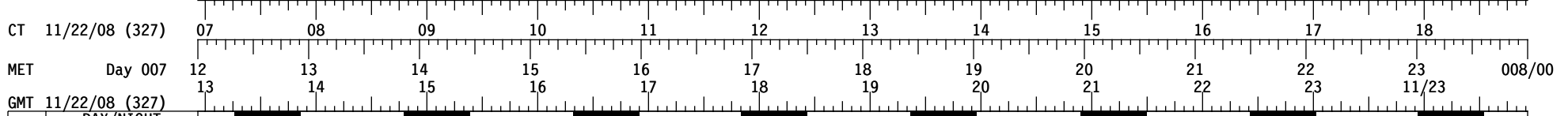
MET Day 007



S T S - 1 2 6	CDR FERGUSON	SLEEP	POST SLEEP	PMC A/G	POST SLEEP	HYG BRK/ HATCH CLS	CAMPOUT EVA PREP	EMU URGE	EMU PREBREATHE	C_LK DPRS	P/TV07 EVA SPPT	EXERCISE	P/TV07 EVA SPPT	MEAL	MPLM XFER			
	R1 PLT BOE	SLEEP	LOG		POST SLEEP			MPLM XFER		P/TV07 EVA S/U	CIN CIT #7	SDRM XFER	CIN CIT #8	EXERCISE	CIN CIT #8	CWC XFER (2)	MEAL	MPLM XFER
	R3 MS1 PETTIT	SLEEP	LOG		POST SLEEP			X F E D R A T	MPLM XFER			SDRM XFER		MPLM XFER	MEAL	MPLM XFER	EXER	
	EV2 MS2 BOWEN	SLEEP	POST SLEEP		HYG BRK/ PREBREATHE		CAMPOUT EVA PREP	EMU URGE	EMU PREBREATHE	C_LK DPRS	P C E S E T U P				SARJ CLNG/ TBA R&R			
	EV1 MS3 PIPER	SLEEP	POST SLEEP	A/L REP	HYG BRK/ PREBREATHE	10.2 DPRS	CAMPOUT EVA PREP	EMU URGE	EMU PREBREATHE	C_LK DPRS	P C E S E T U P				SARJ CLNG/ TBA R&R			
	R2/EV3 MS4 KIMBROUGH	SLEEP	LOG		POST SLEEP			M D D I K #	MPLM XFER	I N A D I B	EVA3 IVA SPRPT PREP	P C E S E T U P			EVA3 IVA SPRT			
D N	FE-2 CHAMITOFF	SLEEP	IMM		POST SLEEP	PW DPC	AMIA INSTL				MSFC RNCFG	EXERCISE RED	MIDDAY-MEAL	TOCA INSTL	HAND OVER	AMIA^		
	ISS CDR FINCKE	SLEEP			POST SLEEP	F I N T S R T L	PW DPC	WRS FOAM	F R M T V R	U P A P R C S	CSI O P S	MSFC RNCFG	EXERCISE TVIS	MIDDAY-MEAL	MPLM XFER	J R N L	E R E D	
I S S	FE-1 LONCHAKOV	SLEEP			POST SLEEP	PW DPC					RUSSIAN OPS	VELO	RUSSIAN OPS	MIDDAY-MEAL	RUSSIAN OPS	EXER TVIS		
	U P	FE-2 EXP18 MAGNUS	SLEEP	IMM	POST SLEEP	HYG BRK/ HATCH CLS	CAMPOUT EVA PREP	EMU URGE	EMU PREBREATHE	C_LK DPRS	EXERCISE CEVIS	EHS-TOCA-ASSEMBLY	MIDDAY-MEAL	TOCA INSTL	C K S U M	HAND OVER	WHC	
DAY/NIGHT																		
ORBIT																		
TDRS																		
ORB ATT																		
NOTES		*FILTER CHECK #STATUS CHECK														^RMVL		

FD09

STS-126/ULF2 JOINT MSN SHRT TERM PLN



ISS	DAY/NIGHT	[Bar chart showing day/night cycles]							
	ORBIT	1345	1346	1347	1348	1349	1350	1351	1352
	DAILY ORBIT	16	1	2	3	4	5	6	7
	TDRS AVAIL	[Bar chart showing TDRS availability]							
VHF									

ISS ATTITUDE +XVV +ZLV TEA

TLM FORMAT	VVV	VVV					VVV
SAA	[Bar]	[Bar]	[Bar]	[Bar]	[Bar]	[Bar]	[Bar]

DPRS	MSS-POWERUP	[Timeline bar]						
	ACS-AUTO-H/O-RS-INH	[Timeline bar]						
	EVA-HYGIENE-BRK-PT1	[Timeline bar]						
	HEPS-MPLM-RPC-OPEN	[Timeline bar]						
	EVA-HYGIENE-BRK-PT2	[Timeline bar]						
	HCCS-TLM FORMAT-SWAP	[Timeline bar]						
	ACS-GNC PPL-UPDATE	[Timeline bar]						
	VDS-VIDEO-CNFG	[Timeline bar]						
	A/L RAPID DPRS-ENA	[Timeline bar]						
	DPC	[Timeline bar]						
	C&T-VDS-CNFG	[Timeline bar]						
	PPS-PCU FDIR-ENABLE	[Timeline bar]						
	ISS-RAP DPRS-INH	[Timeline bar]						
	JAL-10.2 TERM-PT1	[Timeline bar]						
	WRS-UPA-PROCESS	[Timeline bar]						
UHF-INDEX-CHNG	[Timeline bar]							
ACS-PCA VRIV-OP	[Timeline bar]							
ACS-PCA VRIV-CL	[Timeline bar]							
JAL-10.2 TERM-PT2	[Timeline bar]							
A/L-CCAA-SPD-CHG	[Timeline bar]							
CHECS-KU D/L-CMD	[Timeline bar]							

COMMS-ETF HRD-DL	[Timeline bar]						
ETF-RESOURCES	[Timeline bar]						
SOL-POWER	[Timeline bar]						
SOL-REAL-CMD	[Timeline bar]						
ETF-R/T-TC	[Timeline bar]						
COL-LOG FILE-DNLK	[Timeline bar]						

CHECS-KU D/L-CMD	[Timeline bar]						
MCC-H FCT H/O (3/1)	[Timeline bar]						
CCS-TLM FORMAT-SWAP	[Timeline bar]						
ACS-GNC PPL-UPDATE	[Timeline bar]						
WPA-CAT-FLTR-FLUSH	[Timeline bar]						
WRS-WPA-VENT-H/U	[Timeline bar]						
EVA INHIBIT PAD	[Timeline bar]						
OCA-MAIL-SYNC	[Timeline bar]						
MCC-H FCT H/O (1/2)	[Timeline bar]						

WPA-CAT-FLTR-FLUSH	[Timeline bar]						
EVA INHIBIT PAD	[Timeline bar]						
OCA-MAIL-SYNC	[Timeline bar]						
MCC-H FCT H/O (1/2)	[Timeline bar]						

WPA-CAT-FLTR-FLUSH	[Timeline bar]						
EVA INHIBIT PAD	[Timeline bar]						
OCA-MAIL-SYNC	[Timeline bar]						
MCC-H FCT H/O (1/2)	[Timeline bar]						

WPA-CAT-FLTR-FLUSH	[Timeline bar]						
EVA INHIBIT PAD	[Timeline bar]						
OCA-MAIL-SYNC	[Timeline bar]						
MCC-H FCT H/O (1/2)	[Timeline bar]						

WPA-CAT-FLTR-FLUSH	[Timeline bar]						
EVA INHIBIT PAD	[Timeline bar]						
OCA-MAIL-SYNC	[Timeline bar]						
MCC-H FCT H/O (1/2)	[Timeline bar]						

WPA-CAT-FLTR-FLUSH	[Timeline bar]						
EVA INHIBIT PAD	[Timeline bar]						
OCA-MAIL-SYNC	[Timeline bar]						
MCC-H FCT H/O (1/2)	[Timeline bar]						

WPA-CAT-FLTR-FLUSH	[Timeline bar]						
EVA INHIBIT PAD	[Timeline bar]						
OCA-MAIL-SYNC	[Timeline bar]						
MCC-H FCT H/O (1/2)	[Timeline bar]						

WPA-CAT-FLTR-FLUSH	[Timeline bar]						
EVA INHIBIT PAD	[Timeline bar]						
OCA-MAIL-SYNC	[Timeline bar]						
MCC-H FCT H/O (1/2)	[Timeline bar]						

WPA-CAT-FLTR-FLUSH	[Timeline bar]						
EVA INHIBIT PAD	[Timeline bar]						
OCA-MAIL-SYNC	[Timeline bar]						
MCC-H FCT H/O (1/2)	[Timeline bar]						

WPA-CAT-FLTR-FLUSH	[Timeline bar]						
EVA INHIBIT PAD	[Timeline bar]						
OCA-MAIL-SYNC	[Timeline bar]						
MCC-H FCT H/O (1/2)	[Timeline bar]						

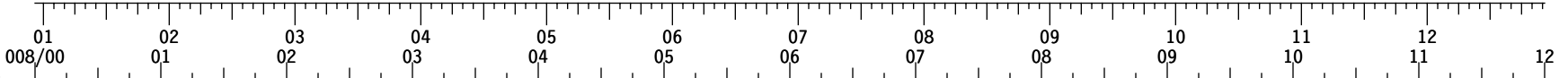
2-31 FLT PLN/126/FIN

NOTES:

FD09

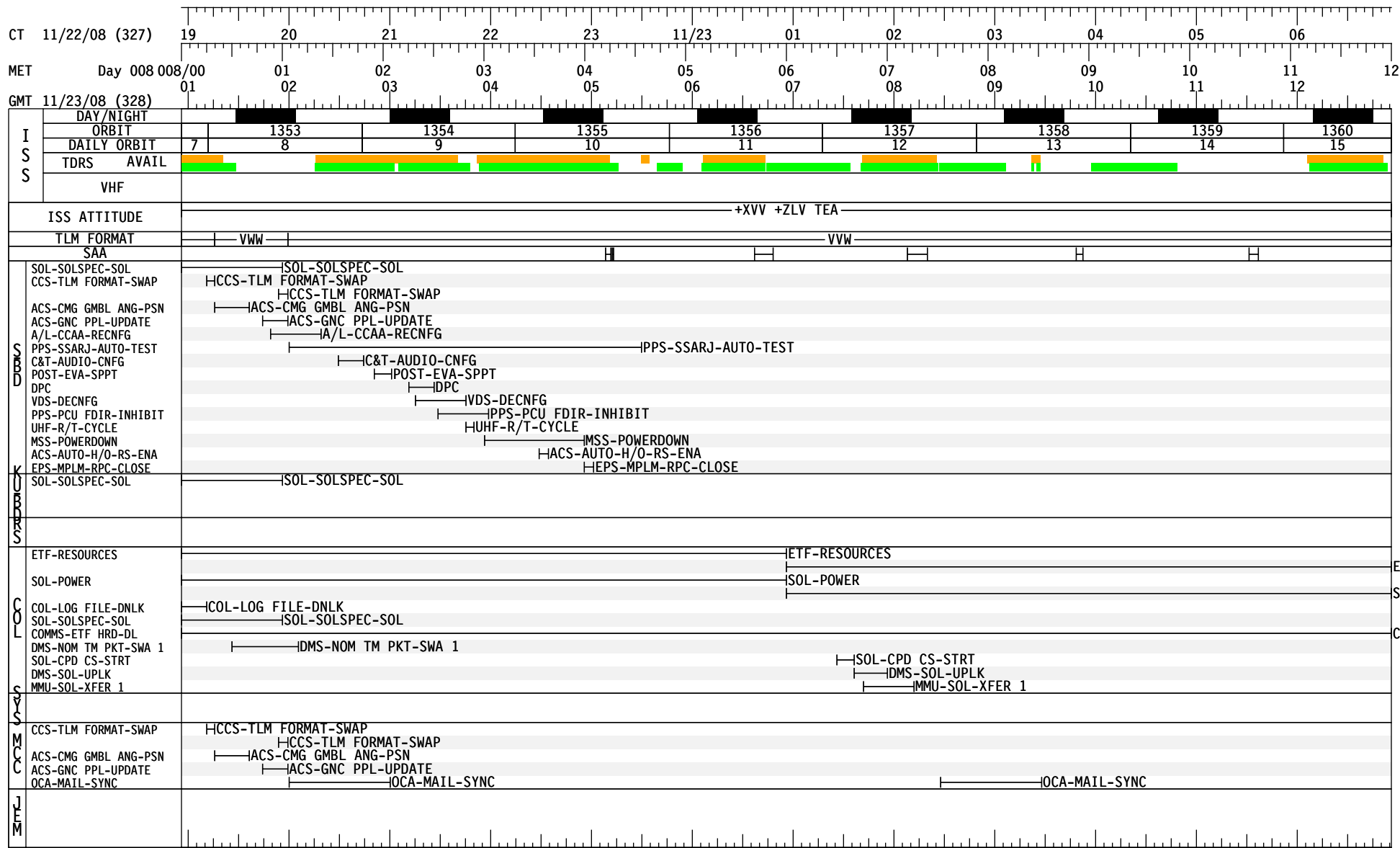
GMT 11/23/08 (328)

MET Day 008



S T S - 1 2 6	CDR FERGUSON	MPLM XFER	P/TV 05 S/U	R P R S	POST EVA W/H2O	M U S	PRE SLEEP	PMC OCA	PRE SLEEP	SLEEP	
	R1 PLT BOE	MPLM XFER			X T F A G E R	O B M U S S @	PRE SLEEP		SLEEP		
	R3 MS1 PETTIT	EXER			MPLM XFER	X T F A G E R	X F E R B R I E F	M U S	PRE SLEEP	SLEEP	
	EV2 MS2 BOWEN	* CLNUP & INGRS	R P R S		POST EVA W/H2O	M U S	PRE SLEEP		SLEEP		
	EV1 MS3 PIPER	⊕ CLNUP & INGRS	R P R S		POST EVA W/H2O	M U S	PRE SLEEP		SLEEP		
	R2/EV3 MS4 KIMBROUGH	♦ MPLM XFER			EXERCISE	M D D K #	O B M U S S @	PRE SLEEP		SLEEP	
D N	FE-2 CHAMITOFF	A G I O I A M E ^		EXER CEVIS		PW	D P C	PRE SLEEP-ISS		SLEEP	
	ISS CDR FINCKE			EXER RED		PW	D W D N / D P C	PRE SLEEP-ISS		SLEEP	
I S S	FE-1 LONCHAKOV	EXER TVIS		RUSSIAN OPS		PW	D P C	PRE SLEEP-ISS		SLEEP	
	U P	FE-2 EXP18 MAGNUS	W H O C A	PW	R P R S	POST EVA W/H2O	B S A - I N I T	D P C	PRE SLEEP-ISS	SLEEP	
DAY/NIGHT											
ORBIT											
T D R S	W	-171.0									
	E	-46.0									
	Z	-275.0									
ORB ATT		BIAS -XLV -ZVV									
NOTES		*SARJ CLNG/ TBA R&R @MNR STBD SARJ @SARJ CLNG/ TBA R&R TO MPLM VIEW ^EVA3 IVA SPPRT #STATUS CHECK ^RMV1									

STS-126/ULF2 JOINT MSN SHRT TERM PLN

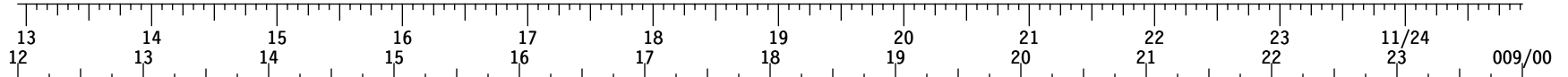


NOTES:

FD10

GMT 11/23/08 (328)

MET Day 008



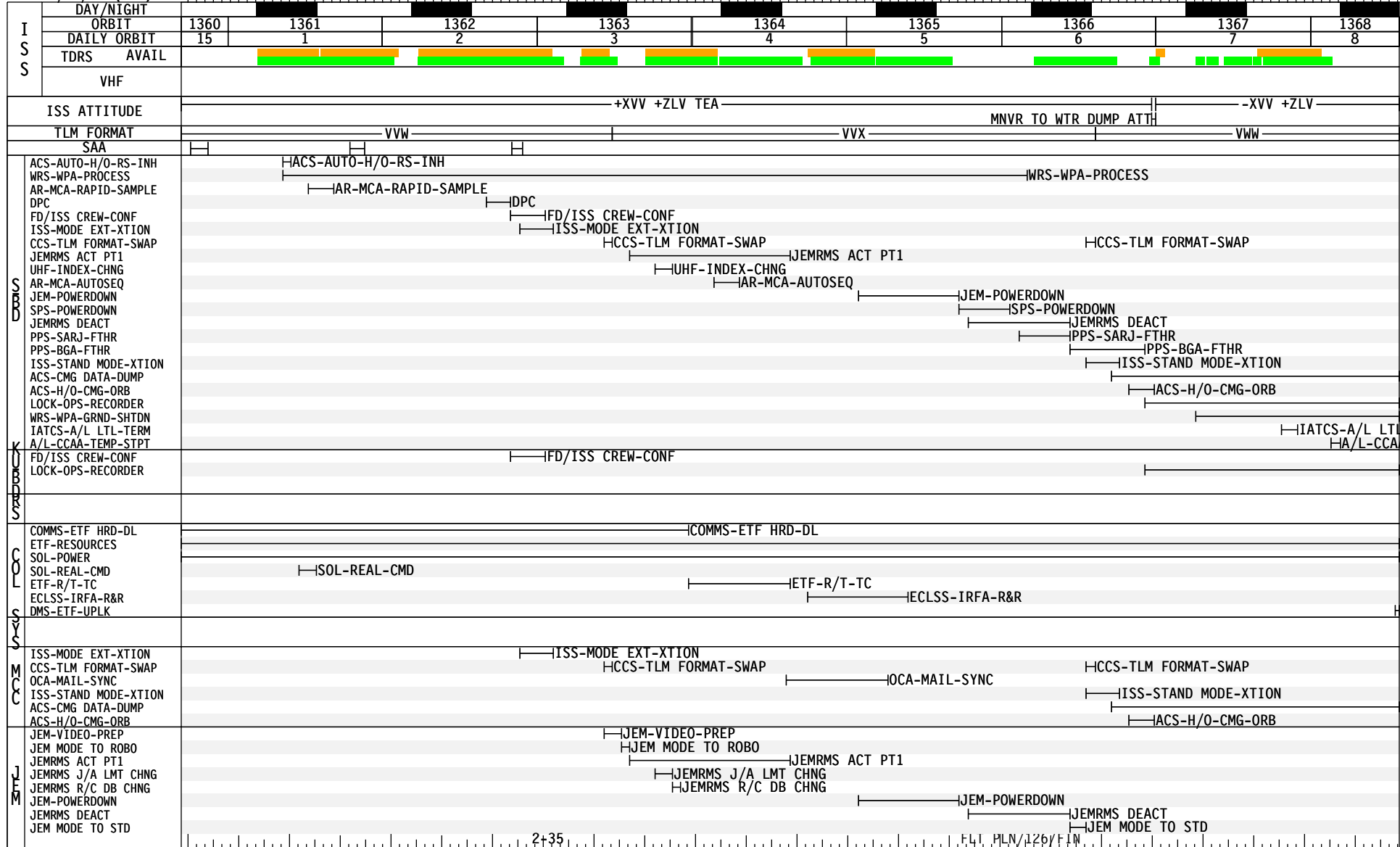
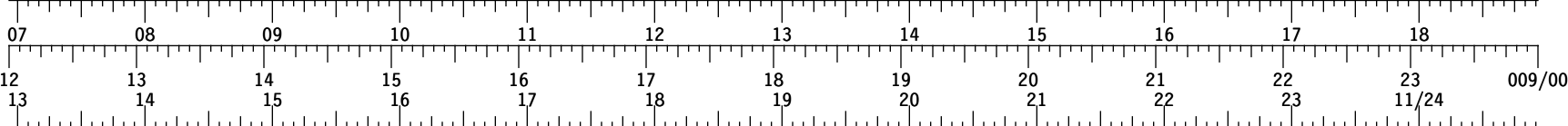
S T S - 1 2 6	CDR FERGUSON	SLEEP	POST SLEEP				OFF DUTY				PFC OCA	OFF DUTY	MEAL	PE AV EN T	H M U S T L E	W A N T I N G	EXERCISE	W C S N T D - T I			
	R1 PLT BOE	SLEEP	POST SLEEP	PFC OCA	POST SLEEP	OFF DUTY				MEAL	PE AV EN T	PRINT SWAP	MPLM XFER	EXER							
	R3 MS1 PETTIT	SLEEP	POST SLEEP			X U P F E D R A T	OFF DUTY	PFC OCA	OFF DUTY			MEAL	EXERCISE	DUMP PHOTOS	MPLM XFER						
	EV2 MS2 BOWEN	SLEEP	POST SLEEP		EXERCISE	OFF DUTY	PFC OCA	OFF DUTY				MEAL	B S A T T I	EMU SWAP	* E-LK PREP	TOOL CONFIG	P S L E P				
	EV1 MS3 PIPER	SLEEP	POST SLEEP				OFF DUTY				PFC OCA	OFF DUTY	MEAL	COND CWC C/O	XFER SAFER	SAFER C/O	MPLM XFER				
	R2/EV3 MS4 KIMBROUGH	SLEEP	POST SLEEP		PFC OCA	POST SLEEP	OFF DUTY				MEAL	EMU SWAP	B M I A E N T T S T X T L	E-LK PREP	TOOL CONFIG	EX ER					
D N	FE-2 CHAMITOFF	SLEEP	POST SLEEP	PW	DPC	FD CONF	HANDOVER		HANDOVER	IRFA R&R	EXERCISE CEVIS	MIDDAY-MEAL	RAM INSTL		D W N L D	EXER RED					
I S S	ISS CDR FINCKE	SLEEP	POST SLEEP	PW	C O 2	DPC	FD CONF	D D C R S P I N D	TVIS	EXERCISE RED		LAB ITCS SMPL	ND2 LTL SMPL	ND2 MTL SMPL	MIDDAY-MEAL	PE AV EN T	PRINT SWAP	MPLM XFER	D2XS FLSH	D 2 X M S R	
	FE-1 LONCHAKOV	SLEEP	POST SLEEP	PW	DPC	FD CONF	RUSSIAN OPS		VELO	EXERCISE TVIS		MIDDAY-MEAL	RUSSIAN OPS								
U P	FE-2 EXP18 MAGNUS	SLEEP	POST SLEEP	T O C A	PW	DPC	FD CONF	HANDOVER		T O C A	HANDOVER	J R M S 2 X S	B U S - I	J R M S D E A C T 2	T O C A	MIDDAY-MEAL	PE AV EN T	WHC-CONFIG-PT1	T O C A	MPLM XFER	C V I S
DAY/NIGHT		[Timeline bars for Day/Night]																			
ORBIT		[Timeline bars for Orbit]																			
T D R S	W	-171.0																			
	E	-46.0																			
	Z	-275.0																			
ORB ATT		[Timeline bars for Orb Att]																			
NOTES		BIAS -XLV -ZVV *FILTER CHECK #STATUS CHECK ^FINAL ACT PT1 DUMP *BATT/METX INSTL																			

STS-126/ULF2 JOINT MSN SHRT TERM PLN

CT 11/23/08 (328)

MET Day 008

GMT 11/23/08 (328)



2+35

PLN/126/FIN

FD10

GMT 11/24/08 (329)

MET Day 009

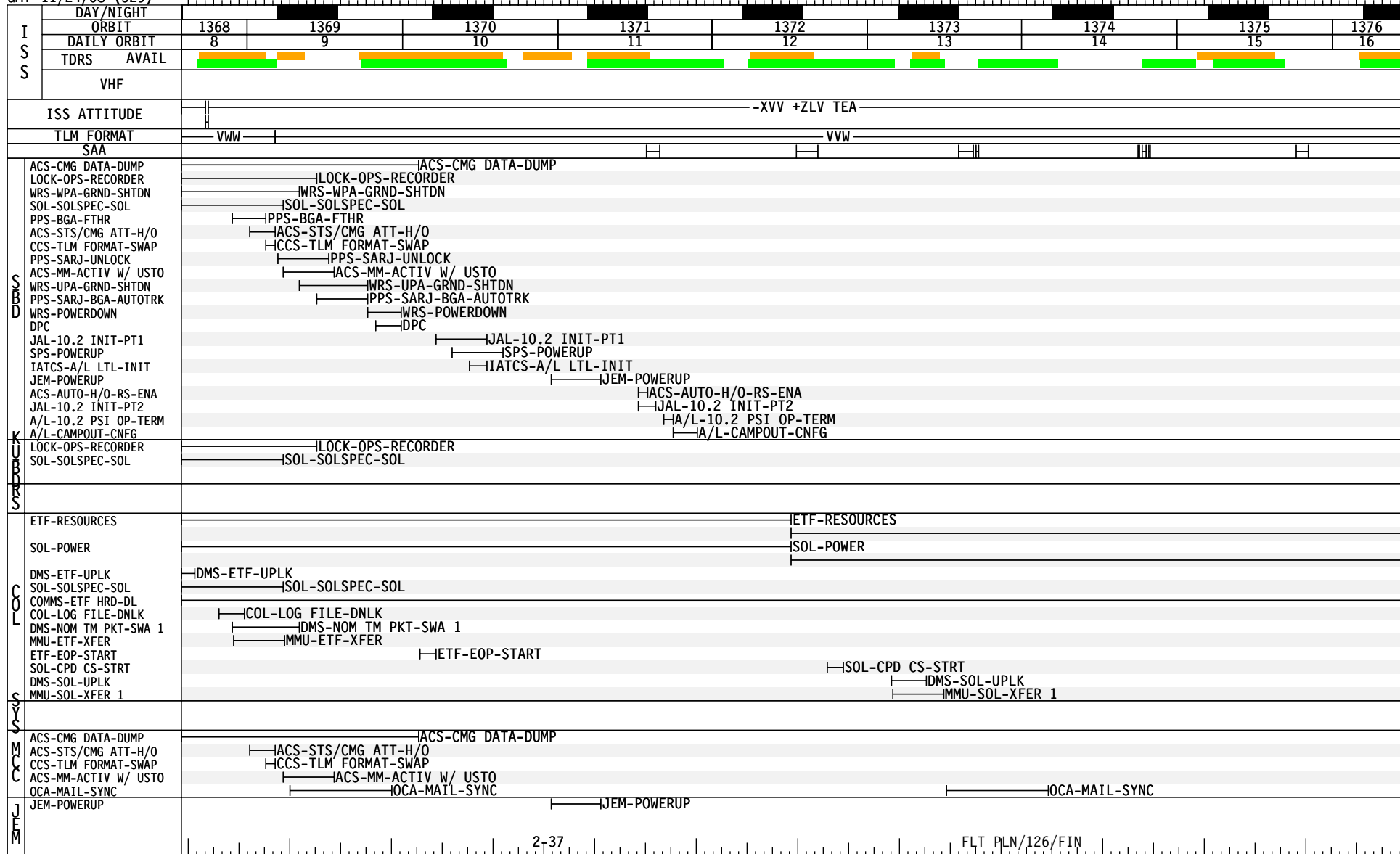
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		009/00		01		02		03		04		05		06		07		08		09		10		11		12						
S T S - 1 2 6	CDR FERGUSON	CT OENR DMR	MT NEVA U	IMU	M D/KO #	EVA3 PROC REVIEW	M U S	PRE SLEEP	PMC A/G	PRE SLEEP														SLEEP								
	R1 PLT BOE	E X E R			C I W N C I T # 9	EVA3 PROC REVIEW	C T W E C M	C X F F R C E R S	M U S	PRE SLEEP														SLEEP								
	R3 MS1 PETTIT		M P L M X F E R		X T F A E G R	EVA3 PROC REVIEW	X F E R B R I E F	M U S	PRE SLEEP														SLEEP									
	EV2 MS2 BOWEN		P S L E P			EVA3 PROC REVIEW	PRE SLEEP		M A S K P B / T O O L C O N F I G	P R E S L E E P	SLEEP														ISS A/L CAMPOUT @10.2 PSI							
	EV1 MS3 PIPER		M P L M X F E R		X T F A E G R	EVA3 PROC REVIEW	EXERCISE		PRE SLEEP		SLEEP																					
	R2/EV3 MS4 KIMBROUGH		E X E R			EVA3 PROC REVIEW	PRE SLEEP		M A S K P B / T O O L C O N F I G	P R E S L E E P	SLEEP																					
D N I S S U P	FE-2 CHAMITOFF	E R E D R		P W	EVA3 PROC REVIEW	D P C	P W	PRE SLEEP-ISS														SLEEP										
	ISS CDR FINCKE	S D I O	C O 2 D /L	P W	EVA3 PROC REVIEW	D P C	P W	PRE SLEEP-ISS														SLEEP										
	FE-1 LONCHAKOV	*		P W	EVA3 PROC REVIEW	D P C	P W	PRE SLEEP-ISS														SLEEP										
	FE-2 EXP18 MAGNUS		C V I S		EVA3 PROC REVIEW	D P C	P W	PRE SLEEP-ISS														SLEEP										
DAY/NIGHT		[Bar chart showing day/night cycle]																														
ORBIT		[Bar chart showing orbit parameters]																														
TDRS		[Bar chart showing TDRS data]																														
ORB ATT		[Bar chart showing orb att]																														
NOTES		*RUSSIAN OPS #STATUS CHECK																														

STS-126/ULF2 JOINT MSN SHRT TERM PLN

CT 11/23/08 (328)

MET Day 009 009/00

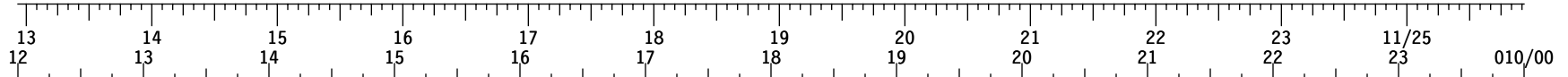
GMT 11/24/08 (329)



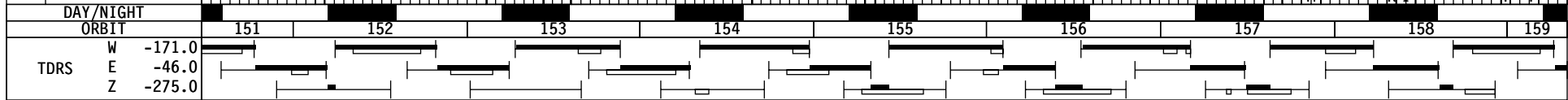
FD11

GMT 11/24/08 (329)

MET Day 009



S T S - 1 2 6	CDR FERGUSON	SLEEP	POST SLEEP	PMC A/G	POST SLEEP	HYG BRK/ HATCH CLS	CAMPOUT EVA PREP	EMU PREBREATHE	C_LK DPRS	DI DM #	P/TV07 EVA SPPT	EXERCISE	CIN CIT O	P/TV07 EVA SPPT	CT WE CR M	P/TV07 EVA SPPT	PWR FILL #2	P/TV07 EVA SPPT	CX FW CER R	
	R1 PLT BOE	SLEEP	LOG		POST SLEEP			MPLM XFER	EVA 4 IVA SPPRT PREP					EVA4 IVA SUPPORT						
	R3 MS1 PETTIT	SLEEP	LOG		POST SLEEP			EXERCISE			MPLM XFER		MEAL		N2N-CBM-CPA-INSTALL				X T F A L M	
	EV2 MS2 BOWEN	SLEEP	POST SLEEP		HYG BRK/ PREBREATHE	10.2 DPRS	CAMPOUT EVA PREP	EMU PREBREATHE	C_LK DPRS	DI DM #	CE G L R S K S	SETUP	MLI COVER RMVL	EFBM COVER INSTL	GRND TAB	HAND RAIL	INSTALL JLP GPS ANT	GET AHEAD		E V A @
	EV1 MS3 PIPER	SLEEP	LOG		POST SLEEP			EXERCISE	MPLM XFER	PTV07 EVA S/U		MPLM XFER		MEAL	MDDK XFER				X T F A L M	
	R2/EV3 MS4 KIMBROUGH	SLEEP	POST SLEEP		HYG BRK/ PREBREATHE	10.2 DPRS	CAMPOUT EVA PREP	EMU PREBREATHE	C_LK DPRS	DI DM #	CE G L R S K S	SETUP	MLI COVER RMVL	1ST LUBE	ETVCG INSTALL CP7	2ND LUBE	P3 MLI COVER INSTL	GET AHEAD	E V A @	
D N	FE-2 CHAMITOFF	SLEEP	IMM	POST SLEEP	PW	DPCI	DPART PREP	MPLM XFER				MIDDAY-MEAL	N2N-CBM-CPA-INSTALL			CEVIS				
I S S	ISS CDR FINCKE	SLEEP	POST SLEEP		HYG BRK/ HATCH CLS	CAMPOUT EVA PREP	EMU PREBREATHE	C_LK DPRS	EHS CSA		EXERCISE RED	MIDDAY-MEAL	WRS SMPL	M I C R O	C E V I S			G L O V E	EXER TVIS	
	FE-1 LONCHAKOV	SLEEP	POST SLEEP		PW	DPC	RUSSIAN OPS		VELO		EXERCISE TVIS	MIDDAY-MEAL	RUSSIAN OPS							
U P	FE-2 EXP18 MAGNUS	SLEEP	IMM	POST SLEEP	PW	DPC	WHC-CONFIG-PT2	EXER CEVIS	D B	MPLM XFER	MPLM XFER	JEM RMS EVA OPS	MIDDAY-MEAL	T O C A	R E C L M	R B S U S - V R I	JRMS MNVN-STOW	B J D U R E S S I A N S C R I P T		



NOTES

*FILTER CHECK #STATUS CHECK

XFER
#C/UP
@CLNUP
& INGRS

STS-126/ULF2 JOINT MSN SHRT TERM PLN

CT 11/24/08 (329) 07 08 09 10 11 12 13 14 15 16 17 18
 MET Day 009 12 13 14 15 16 17 18 19 20 21 22 23 11/25 010/00
 GMT 11/24/08 (329) 13 14 15 16 17 18 19 20 21 22 23 11/25

ISS	DAY/NIGHT		ORBIT		DAILY ORBIT		TDRS AVAIL		VHF	
	1376	1377	1378	1379	1380	1381	1382	1383	1384	
ISS ATTITUDE -XVV +ZLV TEA										
TLM FORMAT SAA VVW VVX										
DPS	ACS-AUTO-H/O-RS-INH	HACS-AUTO-H/O-RS-INH								
	ISS-MODE EXT-XTION	ISS-MODE EXT-XTION								
	EVA-HYGIENE-BRK-PT1	EVA-HYGIENE-BRK-PT1								
	ETCS-S1 TRRJ-SHTDWN	ETCS-S1 TRRJ-SHTDWN								
	EVA-HYGIENE-BRK-PT2	EVA-HYGIENE-BRK-PT2								
	ETCS-P1 TRRJ-SHTDWN	ETCS-P1 TRRJ-SHTDWN								
	VDS-VIDEO-CNFG	VDS-VIDEO-CNFG								
	MSS-POWERUP	MSS-POWERUP								
	PPS-PCU FDIR-ENABLE	PPS-PCU FDIR-ENABLE								
	JEM-POWERDOWN	JEM-POWERDOWN								
A/L RAPID DPRS-ENA	A/L RAPID DPRS-ENA									
VDS-WETA-ACT	VDS-WETA-ACT									
DPC	DPC									
C&T-VDS-CNFG	C&T-VDS-CNFG									
CCS-TLM FORMAT-SWAP	HCCS-TLM FORMAT-SWAP									
SPS-POWERDOWN	SPS-POWERDOWN									
ISS-RAP DPRS-INH	ISS-RAP DPRS-INH									
JAL-10.2 TERM-PT1	JAL-10.2 TERM-PT1									
UHF-INDEX-CHNG	UHF-INDEX-CHNG									
JEMRMS ACT PT2	JEMRMS ACT PT2									
ACS-PCA VRIV-OP	HACS-PCA VRIV-OP									
PPS-SARJ-FTHR	PPS-SARJ-FTHR									
ACS-PCA VRIV-CL	HACS-PCA VRIV-CL									
JAL-10.2 TERM-PT2	JAL-10.2 TERM-PT2									
PPS-PSARJ-EVA4-OPS	PPS-PSARJ-EVA4-OPS									
VDS-ETVCG-C/O	VDS-ETVCG-C/O									
PPS-DDCU-SFNG	PPS-DDCU-SFNG									
PPS-DDCU-RCRVY	PPS-DDCU-RCRVY									
PPS-SARJ-AUTOTRACK	PPS-SARJ-AUTOTRACK									
JEMRMS DEACT	JEMRMS DEACT									
VDS-ETVCG-C/O	VDS-ETVCG-C/O									
COM	COMMS-ETF HRD-DL	COMMS-ETF HRD-DL								
	ETF-RESOURCES	ETF-RESOURCES								
	SOL-POWER	SOL-POWER								
	SOL-REAL-CMD	SOL-REAL-CMD								
LOG	ETF-R/T-TC	ETF-R/T-TC								
	TCS-WFSV-CL 1	TCS-WFSV-CL 1								
	TCS-WFSV-OP 1	TCS-WFSV-OP 1								
COL-LOG FILE-DNLK	COL-LOG FILE-DNLK									
CM	ISS-MODE EXT-XTION	ISS-MODE EXT-XTION								
	ETCS-S1 TRRJ-SHTDWN	ETCS-S1 TRRJ-SHTDWN								
	ETCS-P1 TRRJ-SHTDWN	ETCS-P1 TRRJ-SHTDWN								
	CCS-TLM FORMAT-SWAP	HCCS-TLM FORMAT-SWAP								
	JEM-EVA INHIBIT PAD	JEM-EVA INHIBIT PAD								
	OCA-MAIL-SYNC	OCA-MAIL-SYNC								
J	JEM-VIDEO-PREP	JEM-VIDEO-PREP								
	JEM-POWERDOWN	JEM-POWERDOWN								
	JEM MODE TO ROBO	JEM MODE TO ROBO								
	JEM-EVA INHIBIT-PAD	JEM-EVA INHIBIT-PAD								
	JEMRMS ACT PT2	JEMRMS ACT PT2								

FD11

GMT 11/25/08 (330)

MET Day 010

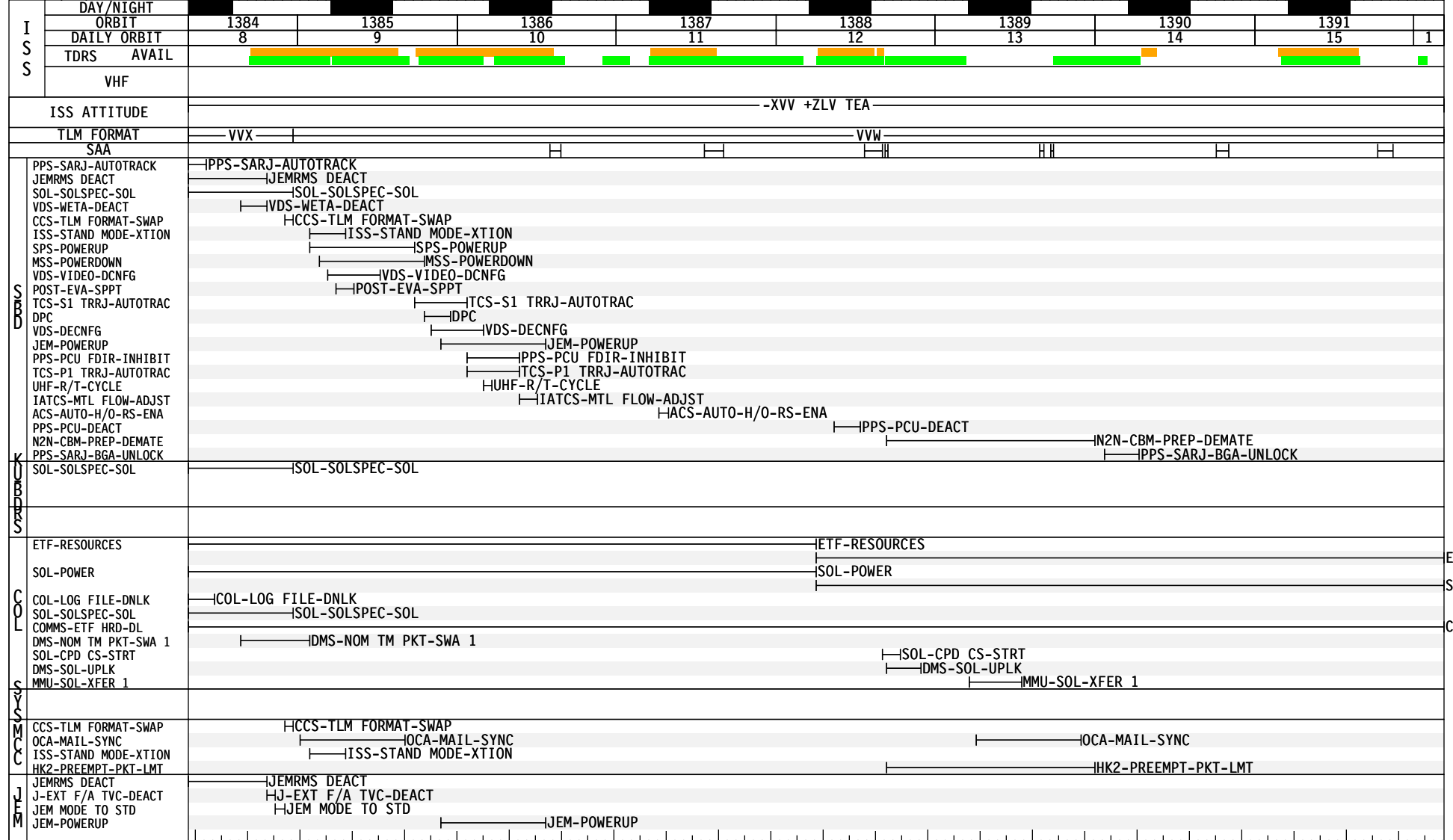
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S T S - 1 2 6	CDR FERGUSON	P W R ^	Z S R P R S	POST EVA W/H2O				M D U K S #	PRE SLEEP		PMC A/G	PRE SLEEP				SLEEP											
	R1 PLT BOE	*	EXERCISE				M U S	PRE SLEEP				SLEEP															
	R3 MS1 PETTIT	MPLM#	GLA SCAVENGE				P S L E E P	X F E R B R I E F	PRE SLEEP				SLEEP														
	EV2 MS2 BOWEN	E V A @	P R P R S	POST EVA W/H2O				M U S	PRE SLEEP				SLEEP														
	EV1 MS3 PIPER		P G T S W A P	N L P *	CNFG MPLM RACKS		M U S	PRE SLEEP				SLEEP															
	R2/EV3 MS4 KIMBROUGH	E V A @	P R P R S	POST EVA W/H2O				M U S	PRE SLEEP				SLEEP														
D N	FE-2 CHAMITOFF	C E V I S	EXER RED		PW	DPC	PRE SLEEP-ISS				SLEEP																
I S S	ISS CDR FINCKE	E T X I E R S	P R P R S	POST EVA W/H2O				D I W D N L L D	B I S D /	D P C	PRE SLEEP-ISS				SLEEP												
	FE-1 LONCHAKOV	RUSSIAN OPS		PW	DPC	PRE SLEEP-ISS				SLEEP																	
U P	FE-2 EXP18 MAGNUS	T O C A	PW		CNFG MPLM RACKS	P W	DPC	PRE SLEEP-ISS				SLEEP															
DAY/NIGHT		[Bar chart showing day/night cycle]																									
ORBIT		159 160 161 162 163 164 165 166 167																									
TDRS		W -171.0 E -46.0 Z -275.0																									
ORB ATT		BIAS -XLV -ZVV																									
NOTES		*EVA4 IVA SUPPORT #STATUS CHECK ^XFER @CLNUP & INGRS #C/UP *CELLS TERM2																									

STS-126/ULF2 JOINT MSN SHRT TERM PLN

CT 11/24/08 (329) 19 20 21 22 23 11/25 01 02 03 04 05 06

MET Day 010 010/00 01 02 03 04 05 06 07 08 09 10 11 12

GMT 11/25/08 (330) 01 02 03 04 05 06 07 08 09 10 11 12



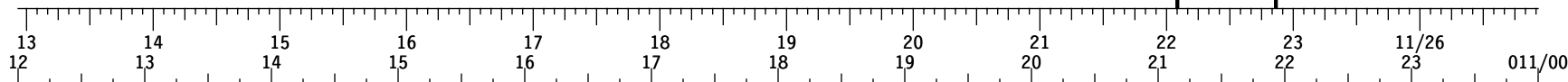
NOTES:

NO EXERCISE
(DURING CBM BOLT LOADING)

FD12

GMT 11/25/08 (330)

MET Day 010

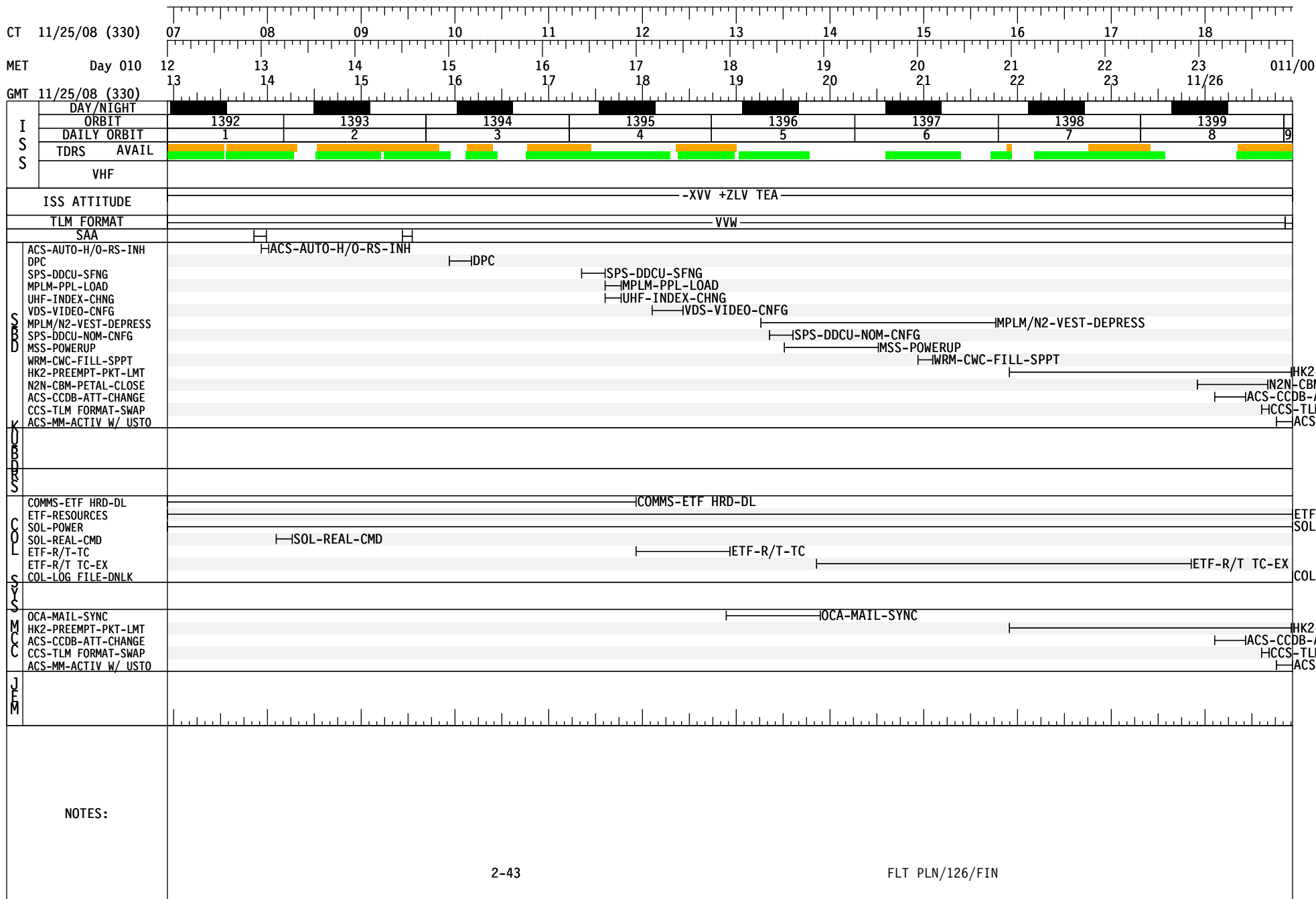


S T S - 1 2 6	CDR FERGUSON	SLEEP	POST SLEEP	EXERCISE	ME P G L R M S	MD P E L A M C T	MPLM VEST DEMATE	MPLM VEST DEPRESS	IM M U	PE A V O E N T	MEAL	FILTER INSPECT	P R L A	MDDK XFER
	R1 PLT BOE	SLEEP	POST SLEEP	EXERCISE	PWR FILL #3	PWR FILL #4	MDDK XFER	MEAL	PO P T V S 0 6	PE A V O E N T	PTV06 OPS	P R L A	PWR FILL #5	
	R3/M1 MS1 PETTIT	SLEEP	POST SLEEP	EXERCISE	XU F E D R A T	MDDK XFER	MEAL	SSRMS GRAPL	PE A V O E N T	MPLM UNINSTL	MPLM UNGRP	M D D K		
	EV2 MS2 BOWEN	SLEEP	POST SLEEP	PS T E V T O U 8 P	P/TV08 EXT SRVY	MDDK XFER	BMI A E N T T S T X T /	POST EVA XFER/RCNFG	PE A V O E N T	MEAL	MDDK XFER			
	EV1 MS3 PIPER	SLEEP	POST SLEEP	PTV06 S/U MPLM	MDDK XFER	BMI A E N T T S T X T /	POST EVA XFER/RCNFG	P/TV 05 S/U	PE A V O E N T	MEAL	MDDK XFER	EXER		
	R2/EV3/M2 MS4 KIMBROUGH	SLEEP	POST SLEEP	M D D K #	MDDK XFER	POST EVA XFER/RCNFG	MEAL	SSRMS GRAPL	N2 CBM DEMATE	MPLM UNINSTL	MPLM UNGRP	M D D K		
D N	FE-2 CHAMITOFF	SLEEP	POST SLEEP	PW DPC	HANDOVER	EXERCISE CEVIS	MIDDAY-MEAL	DPART PREP	HANDOVER	TH V / I O S	EXERCISE TVIS			
I S S	ISS CDR FINCKE	SLEEP	POST SLEEP	PW DPC	EXERCISE TVIS	ME P G L R M S	MD P E L A M C T	MPLM VEST DEMATE	MPLM VEST DEPRESS	MIDDAY-MEAL	O2 XFER RECONFIG	EXER RED		
	FE-1 LONCHAKOV	SLEEP	POST SLEEP	PW DPC	RUSSIAN OPS	EXERCISE TVIS	VELO	MIDDAY-MEAL	PE A V O E N T	RUSSIAN OPS				
U P	FE-2 EXP18 MAGNUS	SLEEP	POST SLEEP	PW DPC	HANDOVER	C I W N C I T	EXERCISE RED	C T W E R C R M	MIDDAY-MEAL	N2 CBM DEMATE	HANDOVER	TH V / I O S	MDDK XFER	



NOTES #STATUS CHECK BIAS -XLV -ZVV XFER

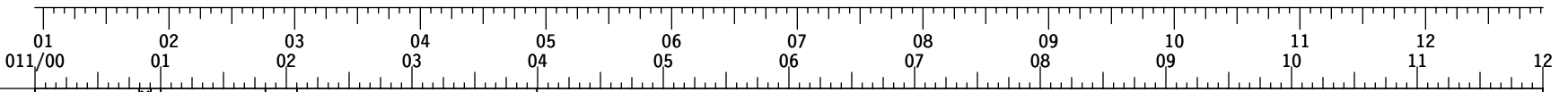
STS-126/ULF2 JOINT MSN SHRT TERM PLN



FD12

GMT 11/26/08 (331)

MET Day 011



S T S - 1 2 6	CDR FERGUSON	MDDK XFER	M D M D K S #	PRE SLEEP	PMC A/G	PRE SLEEP	SLEEP
	R1 PLT BOE	P X F E R R	M P L L C U #	A P M C U S #		PRE SLEEP	SLEEP
	R3/M1 MS1 PETTIT	MDDK^	X T F A G R	X B F R M U R E S F		PRE SLEEP	SLEEP
	EV2 MS2 BOWEN	EXERCISE		M U S		PRE SLEEP	SLEEP
	EV1 MS3 PIPER	EXER		X T F A G R	M U S	PRE SLEEP	SLEEP
	R2/EV3/M2 MS4 KIMBROUGH	MDDK^	EXERCISE		M U S	PRE SLEEP	SLEEP
D N	FE-2 CHAMITOFF	DCB FAM	PW	D P C P W		PRE SLEEP-ISS	SLEEP
I S S	ISS CDR FINCKE	E R E D R	J R N L	PW	D W L D P C P W	PRE SLEEP-ISS	SLEEP
	FE-1 LONCHAKOV			PW	D P C P W	PRE SLEEP-ISS	SLEEP
U P	FE-2 EXP18 MAGNUS	DCB FAM	PW	D P C P W		PRE SLEEP-ISS	SLEEP
DAY/NIGHT		[Timeline with day/night indicators]					
ORBIT		[Timeline with orbit parameters]					
TDRS		[Timeline with TDRS parameters]					
ORB ATT		BIAS -XLV -ZVV					
NOTES		*RUSSIAN OPS *DEACT ^XFER #ACT ^HTR #STATUS CHECK ACT #STATUS CHECK					

STS-126/ULF2 JOINT MSN SHRT TERM PLN

CT 11/25/08 (330) 19 20 21 22 23 11/26 01 02 03 04 05 06 07 08 09 10 05 06

MET Day 011 011/00 01 02 03 04 05 06 07 08 09 10 11 12

GMT 11/26/08 (331) 01 02 03 04 05 06 07 08 09 10 11 12

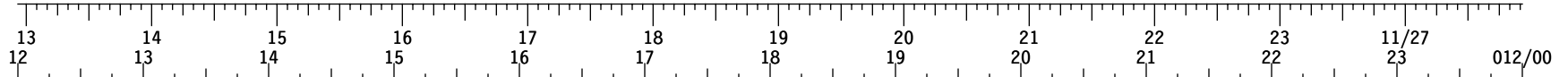
ISS	DAY/NIGHT	[Bar chart showing day/night cycle]																							
	ORBIT	1400			1401			1402			1403			1404			1405			1406			1407		
	DAILY ORBIT	9			10			11			12			13			14			15			16		
	TDRS AVAIL	[Bar chart showing TDRS availability]																							
VHF		[Bar chart showing VHF usage]																							
ISS ATTITUDE		-XVV +ZLV TEA																							
TLM FORMAT SAA		VWV [Bar chart showing TLM format]																							
DMS	ACS-MM-ACTIV W/ USTO	[Bar chart showing ACS-MM-ACTIV W/ USTO]																							
	SOL-SOLSPEC-SOL	[Bar chart showing SOL-SOLSPEC-SOL]																							
S	ACS-GNC PPL-UPDATE	[Bar chart showing ACS-GNC PPL-UPDATE]																							
	VDS-VIDEO-DCNFG	[Bar chart showing VDS-VIDEO-DCNFG]																							
K	CCS-TLM FORMAT-SWAP	[Bar chart showing CCS-TLM FORMAT-SWAP]																							
	MSS-POWERDOWN	[Bar chart showing MSS-POWERDOWN]																							
S	DPC	[Bar chart showing DPC]																							
	ACS-AUTO-H/O-RS-ENA	[Bar chart showing ACS-AUTO-H/O-RS-ENA]																							
S	SOL-SOLSPEC-SOL	[Bar chart showing SOL-SOLSPEC-SOL]																							
		[Bar chart showing SOL-SOLSPEC-SOL]																							
C	ETF-RESOURCES	[Bar chart showing ETF-RESOURCES]																							
	SOL-POWER	[Bar chart showing SOL-POWER]																							
S	COL-LOG FILE-DNLK	[Bar chart showing COL-LOG FILE-DNLK]																							
	SOL-SOLSPEC-SOL	[Bar chart showing SOL-SOLSPEC-SOL]																							
S	COMMS-ETF HRD-DL	[Bar chart showing COMMS-ETF HRD-DL]																							
	DMS-NOM TM PKT-SWA 1	[Bar chart showing DMS-NOM TM PKT-SWA 1]																							
S	MMU-SOL-XFER 1	[Bar chart showing MMU-SOL-XFER 1]																							
	SOL-CPD CS-STRT	[Bar chart showing SOL-CPD CS-STRT]																							
S	DMS-SOL-UPLK	[Bar chart showing DMS-SOL-UPLK]																							
		[Bar chart showing DMS-SOL-UPLK]																							
C	ACS-MM-ACTIV W/ USTO	[Bar chart showing ACS-MM-ACTIV W/ USTO]																							
	ACS-GNC PPL-UPDATE	[Bar chart showing ACS-GNC PPL-UPDATE]																							
S	CCS-TLM FORMAT-SWAP	[Bar chart showing CCS-TLM FORMAT-SWAP]																							
	OCA-MAIL-SYNC	[Bar chart showing OCA-MAIL-SYNC]																							
T		[Bar chart showing TDRS usage]																							
		[Bar chart showing TDRS usage]																							

NOTES:

FD13

GMT 11/26/08 (331)

MET Day 011



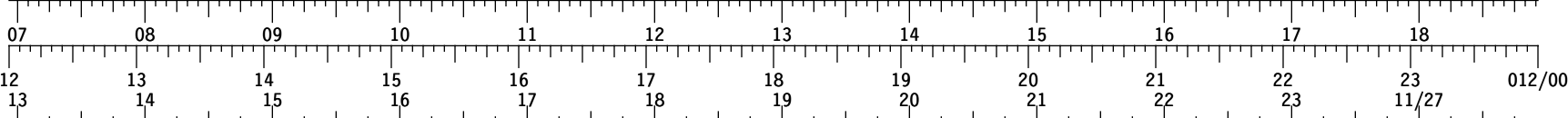
S T S - 1 2 6	CDR FERGUSON	POST SLEEP			OFF DUTY		MEAL			EXERCISE	02 XFER T/D	RNDZ TOOLS C/O							
	R1 PLT BOE	POST SLEEP			OFF DUTY		MEAL			EXERCISE									
	R3 MS1 PETTIT	POST SLEEP			OFF DUTY		MEAL			EXERCISE									
	EV2 MS2 BOWEN	POST SLEEP			OFF DUTY		MEAL			EXERCISE									
	EV1 MS3 PIPER	POST SLEEP			OFF DUTY		MEAL			EXERCISE									
	R2/EV3 MS4 KIMBROUGH	POST SLEEP			OFF DUTY		MEAL			EXERCISE									
D N	FE-2 CHAMITOFF	POST SLEEP	PW	DPC	HANDOVER					EXERCISE CEVIS	MIDDAY-MEAL								
I S S	ISS CDR FINCKE	POST SLEEP	PW	DPC	WRS-LK-CHK-1					EXERCISE RED	MIDDAY-MEAL								
	FE-1 LONCHAKOV	POST SLEEP	PW	DPC	RUSSIAN OPS	VELO				EXERCISE TVIS	MIDDAY-MEAL								
U P	FE-2 EXP18 MAGNUS	POST SLEEP	PW	DPC	HANDOVER					EXERCISE RED	MIDDAY-MEAL								
DAY/NIGHT		[Timeline bars for Day/Night]																	
ORBIT		[Timeline bars for Orbit]																	
TDRS		[Timeline bars for TDRS]																	
ORB ATT		[Timeline bars for Orb Att]																	
NOTES		#STATUS CHECK BIAS -XLV -ZVV *FILTER CHECK #ACT @DEACT *MNVR TO UNDOCK #STATUS CHECK																	

STS-126/ULF2 JOINT MSN SHRT TERM PLN

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MET Day 011

GMT 11/26/08 (331)



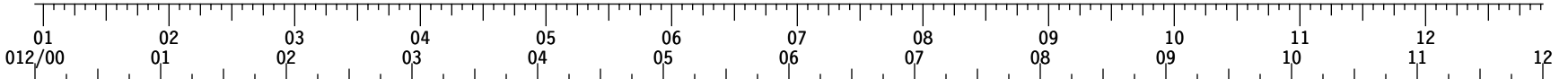
ISS	DAY/NIGHT	[Day/Night Cycle]							
	ORBIT	1408	1409	1410	1411	1412	1413	1414	1415
	DAILY ORBIT	1	2	3	4	5	6	7	8
	TDRS AVAIL	[Green/Orange Bars]	[Green/Orange Bars]	[Green/Orange Bars]	[Green/Orange Bars]	[Green/Orange Bars]	[Green/Orange Bars]	[Green/Orange Bars]	[Green/Orange Bars]
VHF									
ISS ATTITUDE	-XVV +ZLV TEA-								
TLM FORMAT SAA	VWV								
DOPS	ACS-AUTO-H/O-RS-INH	ACS-AUTO-H/O-RS-INH							
	DPC	DPC							
	UHF-INDEX-CHNG	UHF-INDEX-CHNG							
	O2-TEARDWN-SPPT1	O2-TEARDWN-SPPT1							
	O2-TEARDWN-SPPT2	O2-TEARDWN-SPPT2							
	PPS-SARJ-FTHR	PPS-SARJ-FTHR							
	CCS-TLM FORMAT-SWAP	CCS-TLM FORMAT-SWAP							
	PPS-BGA-FTHR	PPS-BGA-FTHR							
	ACS-CMG DATA-DUMP	ACS-CMG DATA-DUMP							
	ACS-H/O-CMG-ORB	ACS-H/O-CMG-ORB							
SUBCHECK	ACS-CMG GMBL ANG-PSN	ACS-CMG GMBL ANG-PSN							
	LOCK-OPS-RECORDER	LOCK-OPS-RECORDER							
	ACS-ATT-CCDB-UPDT	ACS-ATT-CCDB-UPDT							
	ACS-STG/CMG ATT-H/O	ACS-STG/CMG ATT-H/O							
	LOCK-OPS-RECORDER	LOCK-OPS-RECORDER							
	COMMS-ETF HRD-DL	COMMS-ETF HRD-DL							
	ETF-RESOURCES	ETF-RESOURCES							
	SOL-POWER	SOL-POWER							
	SOL-REAL-CMD	SOL-REAL-CMD							
	TCS-WTR-SMPL	TCS-WTR-SMPL							
S-S	TCS-WTR-SMPL SUP	TCS-WTR-SMPL SUP							
	ETF-R/T-TC	ETF-R/T-TC							
	IWIS-DATA-TAKE	IWIS-DATA-TAKE							
CCM	OCA-MAIL-SYNC	OCA-MAIL-SYNC							
	CCS-TLM FORMAT-SWAP	CCS-TLM FORMAT-SWAP							
	ACS-CMG DATA-DUMP	ACS-CMG DATA-DUMP							
	ACS-H/O-CMG-ORB	ACS-H/O-CMG-ORB							
	ACS-CMG GMBL ANG-PSN	ACS-CMG GMBL ANG-PSN							
	LOCK-OPS-RECORDER	LOCK-OPS-RECORDER							
TLM	ACS-ATT-CCDB-UPDT	ACS-ATT-CCDB-UPDT							
	ACS-STG/CMG ATT-H/O	ACS-STG/CMG ATT-H/O							

NOTES:

FD13

GMT 11/27/08 (332)

MET Day 012



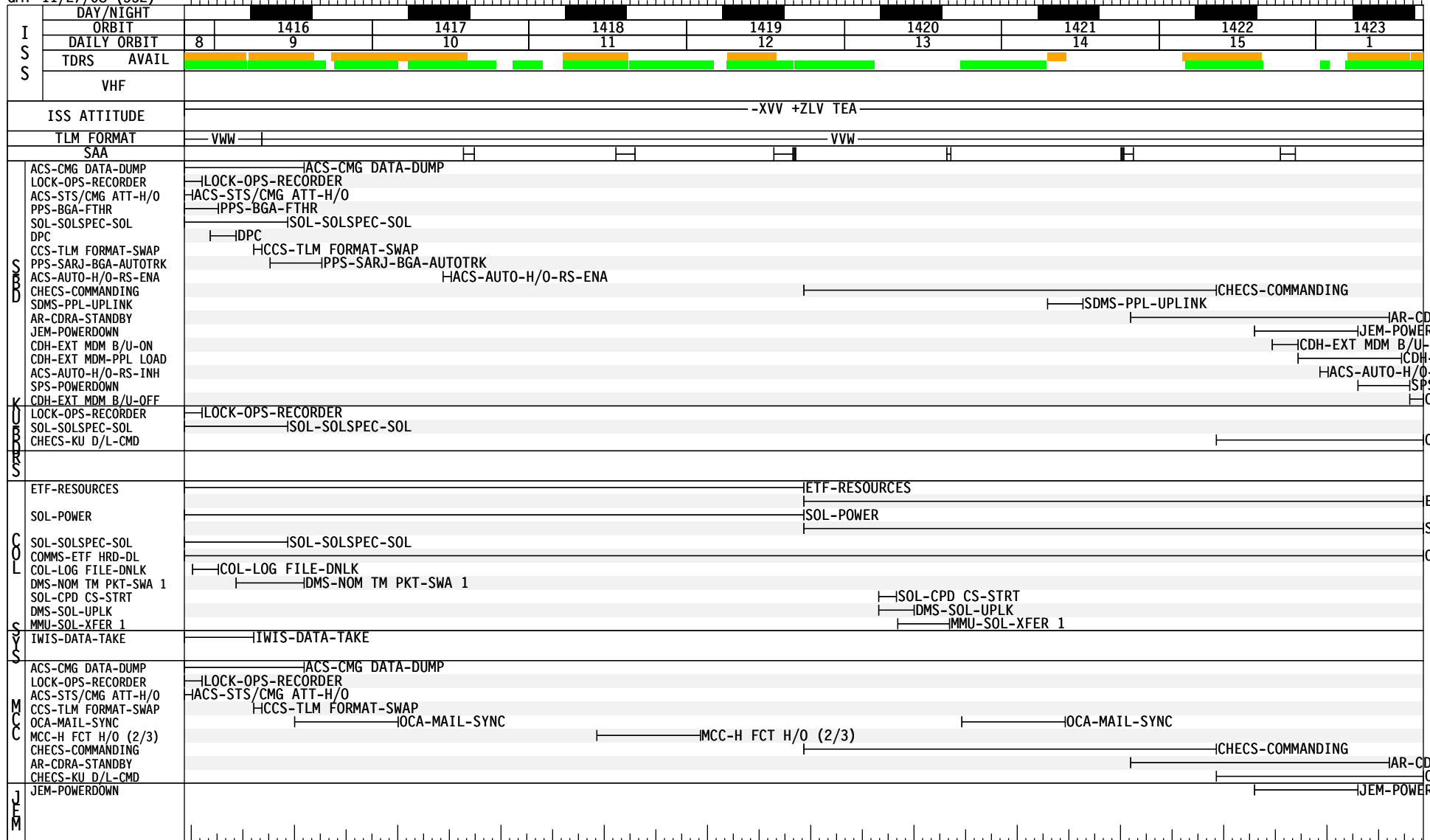
S T S - 1 2 6	CDR FERGUSON	PRE SLEEP	PMC A/G	PRE SLEEP	SLEEP	FD14	POST SLEEP
	R1 PLT BOE			PRE SLEEP	SLEEP		POST SLEEP
	R3 M1 MS1 PETTIT			PRE SLEEP	SLEEP		POST SLEEP
	EV2 MS2 BOWEN	EM US RS		PRE SLEEP	SLEEP		POST SLEEP
	EV1 MS3 PIPER	HLC AEH TAE CKC HK		PRE SLEEP	SLEEP		POST SLEEP
	R2/EV3 MS4 KIMBROUGH	HLC AEH TAE CKC HK		PRE SLEEP	SLEEP		POST SLEEP
D N	FE-2 CHAMITOFF			PRE SLEEP-ISS	SLEEP		POST SLEEP
I S S	M2 ISS CDR FINCKE	DM LID PW	DPC	PRE SLEEP-ISS	SLEEP		POST SLEEP
	FE-1 LONCHAKOV	PW	DPC	PRE SLEEP-ISS	SLEEP		POST SLEEP
U P	FE-2 EXP18 MAGNUS	PW	DPC	PRE SLEEP-ISS	SLEEP		POST SLEEP
DAY/NIGHT		[Timeline with shaded night periods]					
ORBIT		190 191 192 193 194 195 196 197 198					
TDRS	W	-171.0	[Timeline with W values]				
	E	-46.0	[Timeline with E values]				
	Z	-275.0	[Timeline with Z values]				
ORB ATT		BIAS -XLV -ZVV					
NOTES							

STS-126/ULF2 JOINT MSN SHRT TERM PLN

CT 11/26/08 (331)

MET Day 012 012/00

GMT 11/27/08 (332)

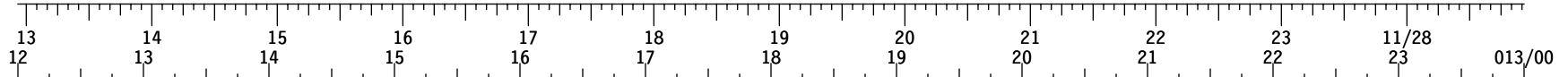


NOTES:

FD14

GMT 11/27/08 (332)

MET Day 012



S T S - 1 2 6	CDR FERGUSON	POST SLEEP	GRWH/UP PRR/UB MNDV/BK UNDOCK POLSE/TEP	UNDOCK OPS	FLYAROUND	SEP	MEAL	GRPR/BDN MNTV/RD SABT	EXERCISE	MNOV/SRE	MPNOV/RT	MZL/SRV	PRE SLEEP
	R1 PLT BOE	POST SLEEP	GRWH/UP PRR/UB MNDV/BK UNDOCK POLSE/TEP	UNDOCK OPS	FLYAROUND	SEP	MEAL	OMBN/SVR* HRT/CS/BG SDE/ACT	STBD WING SURVEY	NOSE CAP SURVEY	PORT WING SURVEY	MZL/SRV	PRE SLEEP
	R3 MS1 PETTIT	POST SLEEP	GRWH/UP PRR/UB MNDV/BK UNDOCK POLSE/TEP	UNDOCK OPS	FLYAROUND	SEP	MEAL	GRPR/BDN MNTV/RD SABT	STBD WING SURVEY	NOSE CAP SURVEY	PORT WING SURVEY	MZL/SRV	PRE SLEEP
	EV2 MS2 BOWEN	POST SLEEP	GRWH/UP PRR/UB MNDV/BK UNDOCK POLSE/TEP	UNDOCK OPS	FLYAROUND	SEP	MEAL	GRPR/BDN MNTV/RD SABT	EVA UNPACK & STOW	PST ISS EVA ENT PREP	EXERCISE	MZL/SRV	PRE SLEEP
	EV1 MS3 PIPER	POST SLEEP	GRWH/UP PRR/UB MNDV/BK UNDOCK POLSE/TEP	UNDOCK OPS	FLYAROUND	SEP	MEAL	GRPR/BDN MNTV/RD SABT	EVA UNPACK & STOW	PST ISS EVA ENT PREP	EXERCISE	MZL/SRV	LDRI D-LNK
	R2/EV3 MS4 KIMBROUGH	POST SLEEP	GRWH/UP PRR/UB MNDV/BK UNDOCK POLSE/TEP	UNDOCK OPS	FLYAROUND	SEP	MEAL	GRPR/BDN MNTV/RD SABT	STBD WING SURVEY	NOSE CAP SURVEY	PORT WING SURVEY	MZL/SRV	PRE SLEEP
	MS5 CHAMITOFF	POST SLEEP	GRWH/UP PRR/UB MNDV/BK UNDOCK POLSE/TEP	UNDOCK OPS	FLYAROUND	SEP	MEAL	GRPR/BDN MNTV/RD SABT	POST UNDK PGSC CNFG	CTO/ND	EXERCISE	MZL/SRV	PRE SLEEP
I S S	ISS CDR FINCKE	POST SLEEP	DPC PW	DPRS/PMA2 S/U CNFG	PMA2 PT1	PMA2 PT2	MIDDAY-MEAL	PMA2 PT3	BST/SOMWU	EXERCISE TVIS	EXERCISE RED	PRE SLEEP-ISS	
	FE-1 LONCHAKOV	POST SLEEP	DPC PW	RUSSIAN OPS			MIDDAY-MEAL			VELO		PRE SLEEP-ISS	
U P	FE-2 EXP18 MAGNUS	POST SLEEP	DPC PW			AUDIO	MIDDAY-MEAL	EVA CAMR FLASH CNFG	EVA CAMR FLASH CNFG	EXERCISE RED	EXERCISE CEVIS	PRE SLEEP-ISS	

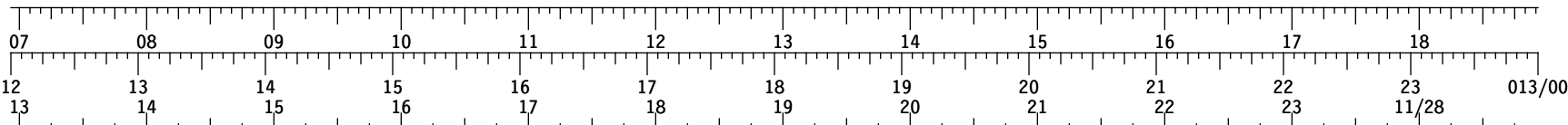
DAY/NIGHT	198	199	200	201	202	203	204	205	206
ORBIT									
TDRS	W -171								
	E -46								
	Z -275								
ORB ATT	BIAS -XLV -ZVU		UNDOCK/FLYAROUND/SEP		B -ZLV -XVU	STBD SURVEY	NOSE CAP	PORT SURVEY	-ZLV -XVU
NOTES		@FLTR CHECK #ON ^DEACT *DEACT #ACT	*UNDOCK 12/14:36		@REG RCNFG *FLAT FIELD				#STATUS CHECK

STS-126/ULF2 JOINT MSN SHRT TERM PLN

CT 11/27/08 (332)

MET Day 012

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ISS	DAY/NIGHT	[Bar chart showing day/night cycle]							
	ORBIT	1423	1424	1425	1426	1427	1428	1429	1430
	DAILY ORBIT	1	2	3	4	5	6	7	8
	TDRS AVAIL	[Bar chart showing TDRS availability]							

ISS ATTITUDE: -XVV +ZLV TEA | MNVR TO UNDOCK | +XVV +ZLV TEA

TLM FORMAT: VVW | VVW | VVW

SAA: [Bar chart showing SAA]

DPM	CDH-EXT MDM B/U-OFF	[Timeline bar]							
	PPS-SARJ-FTHR	[Timeline bar]							
	C&T-VIDEO-CNFG	[Timeline bar]							
	DPC	[Timeline bar]							
	PPS-BGA-FTHR	[Timeline bar]							
	CDH-PROX VAL CK-INH	[Timeline bar]							
	CCS-TLM FORMAT-SWAP	[Timeline bar]							
	SDMS-DATA-TAKE	[Timeline bar]							
	ACS-CMG DATA-DUMP	[Timeline bar]							
	TRRJ-BLIND-OPS-INH	[Timeline bar]							
	MPLM-PRESS-CHECK	[Timeline bar]							
	C&DH-UNDOCK-CNFG	[Timeline bar]							
	ACS-PRE-DPRT-CNFG	[Timeline bar]							
	PMA2-DEPRSS-SETUP	[Timeline bar]							
	C&T-KU-BD-PARK	[Timeline bar]							
	CDH-STND VAL CK-INH	[Timeline bar]							
	ACS-PMA2-DPRT-CNFG	[Timeline bar]							
	ACS-POST-DPRT-CNFG	[Timeline bar]							
	UNDOCKING	[Timeline bar]							
	PMA2-DPRS-SPPT1	[Timeline bar]							
PMA2-DEPRESS-PT1	[Timeline bar]								
ISS-STAND MODE-XTION	[Timeline bar]								
C&T-KU-BD-UNPARK	[Timeline bar]								
ETCS-PPL-INCORP	[Timeline bar]								
PPS-SARJ-BGA-UNLOCK	[Timeline bar]								
PPS-SARJ-BGA-AUTOTRK	[Timeline bar]								
ACS-H/O-RS-TO-US-MM	[Timeline bar]								
UHF-INDEX-CHNG	[Timeline bar]								
C&T-VDS-DECNFG	[Timeline bar]								
PMA2-DEPRESS-PT2	[Timeline bar]								
ACS-GPS-ATT-MGMT	[Timeline bar]								
ACS-GPS-RECENFG	[Timeline bar]								
C&T-AUDIO-CNFG	[Timeline bar]								
C&T-UHF1-DEACT	[Timeline bar]								
TRRJ-BLIND-OPS-ENA	[Timeline bar]								
SPS-POWERUP	[Timeline bar]								
JEM-POWERUP	[Timeline bar]								
PMA2-DPRS-SPPT2	[Timeline bar]								
VS-VENT-VLV-OPEN	[Timeline bar]								
TCS-PMA2-HTR-CNFG	[Timeline bar]								
ACS-MM-ACTIV W/ USTO	[Timeline bar]								

CHECS-KU D/L-CMD | OCA-OPS-UNAVAILABLE | ICHCS-KU D/L-CMD | ICA-OPS-UNAVAILABLE | IACS-MM-ACTIV W/ USTO

ISS-PROX MODE-XTION | I-ISS-PROX MODE-XTION

COMMS-ETF HRD-DL | ICOMMS-ETF HRD-DL

LOG	ETF-RESOURCES	[Timeline bar]							
	SOL-POWER	[Timeline bar]							
	SOL-REAL-CMD	[Timeline bar]							
	TCS-WFSV-CL 1	[Timeline bar]							
TCS-WFSV-OP 1	[Timeline bar]								
ETF-R/T-TC	[Timeline bar]								
COL-LOG FILE-DNLC	[Timeline bar]								

CHECS-KU D/L-CMD | ICHCS-KU D/L-CMD

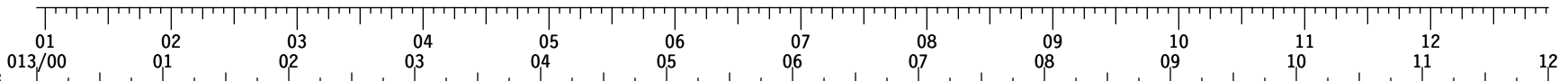
013/00

ETF-RESOURCES

COL-LOG FILE-DNLC

FD14

GMT 11/28/08 (333)



S T S - 1 2 6	CDR FERGUSON	PRE SLEEP	PMC A/G	PRE SLEEP	FD15							SLEEP	POST SLEEP
	R1 PLT BOE	PRE SLEEP									SLEEP	POST SLEEP	
	R3 MS1 PETTIT	PRE SLEEP									SLEEP	POST SLEEP	
	EV2 MS2 BOWEN	PRE SLEEP									SLEEP	POST SLEEP	
	EV1 MS3 PIPER	PSLEP									SLEEP	POST SLEEP	
	R2/EV3 MS4 KIMBROUGH	PRE SLEEP									SLEEP	POST SLEEP	
	MS5 CHAMITOFF	PRE SLEEP									SLEEP	POST SLEEP	
DAY/NIGHT		[Day/Night bar]											
ORBIT		[Orbit bar]											
TDRS		[TDRS bar]											
ORB ATT		[ORB ATT bar]											
GND		[GND bar]											
NOTES		[Notes area]											

FD15

GMT 11/28/08 (333)

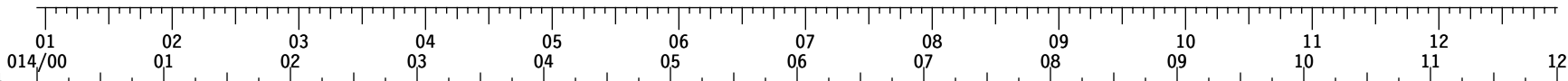
MET Day 013

12 13 14 15 16 17 18 19 20 21 22 23 11/29 014/00

STS - 126	CDR FERGUSON	MDU WANS VMP RPE	POST SLEEP	WDE SM BK #2	WCNS D-- TI	EXERCISE	CTEN NRV DM	MZ LV	CABIN STOW	FCS C/O	RFIR SRE HOT	D/O BRIEF	PEAV ENT	MEAL	L-1 COMM CHK	CABIN STOW	MNV R@	CABIN STOW	L-1 COMM CHK	PSSC	CABIN STOW	PILOT OPS	CABIN STOW	EN RUS *	PS RLEE P
	R1 PLT BOE	POST SLEEP	EXERCISE	FILTER CLEANING	CABIN STOW	FCS C/O	RFIR SRE HOT	D/O BRIEF	PEAV ENT	MEAL	OBSS BERTH	PICOSAT DEPLOY	MNV R@	MRP MWR SDN	CABIN STOW	PILOT OPS	CABIN STOW	PRE SLEEP							
	R3 MS1 PETTIT	POST SLEEP	OAIP UC U#	PSOL SETE	AOPI OU DD	POPL YS BK	CABIN STOW	BCS LOU OLJ D	EXERCISE	FCS C/O P/TV	D SLV	CABIN STOW	PSA OT UP	D/O BRIEF	PEAV ENT	MEAL	D SLV	P/TV 11 SETUP	P/TV 11 OPS	CABIN STOW	KU STOW	WD LEA SCT	PD GEM SAU CCT	PRE SLEEP	
	MS2 BOWEN	POST SLEEP	CSAT BO IWN	BCS LOU OLJ D	CABIN STOW	D SLV	FCS C/O	RFIR SRE HOT	D/O BRIEF	PEAV ENT	MEAL	CTO ND	CABIN STOW	D SLV	EXERCISE	ERG STOW	RCMBNT SEAT S/U	PILOT OPS	CABIN STOW	MUS	PS RLEE P				
	MS3 PIPER	POST SLEEP	BCS LOU OLJ D	CABIN STOW	NLE PLS ^	EXERCISE	D SLV	CABIN STOW	D/O BRIEF	PEAV ENT	MEAL	SD EVA CT	CABIN STOW	D SLV	CABIN STOW	LAUNCH ENTRY SUIT CK	CABIN STOW	MUS	PS RLEE P						
	R2/EV3 MS4 KIMBROUGH	POST SLEEP	BSB LOL OUD	COPL ROL D	COPL ROL D	COPL ROL D	COPL ROL D	COPL ROL D	COPL ROL D	STO W*	EXERCISE	CABIN STOW	NLP *	CABIN STOW	D/O BRIEF	PEAV ENT	MEAL	OBSS BERTH	PICOSAT DEPLOY	MRP MWR SDN	ERG STOW	EVS NIE TDT REU YOP	CABIN STOW	MD DU KS #	PRE SLEEP
	MS5 CHAMITOFF	POST SLEEP	CABIN STOW	BCS LOU OLJ D	CABIN STOW	D SLV	EXERCISE	D/O BRIEF	PEAV ENT	MEAL	CABIN STOW	D SLV	EXERCISE	CABIN STOW	RCMBNT SEAT S/U	LAUNCH ENTRY SUIT CK	PRE SLEEP								
DAY/NIGHT	[Day/Night bar]																								
ORBIT	[Orbit bar]																								
TDRS	W -171.0	[TDRS bar]																							
	E -46.0	[TDRS bar]																							
	Z -275.0	[TDRS bar]																							
ORB ATT	[Orbit Att bar]																								
GND	[Ground bar]																								
NOTES	#ACT	*HEATER ACT	*STATUS CHECK	*OFF	^TERM3	*Blood	*VACC	TERM2	@PSSC	*-ZLV	*COOLING	CNFG	#STATUS CHECK												

FD15

GMT 11/29/08 (334)

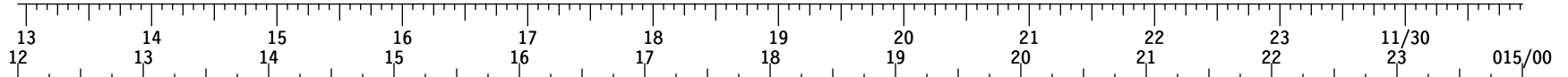


STS - 126	CDR FERGUSON	PRE SLEEP	PMC A/G	PRE SLEEP	SLEEP						FD16	LOG	POST SLEEP	PMC A/G	P S L E E P
	PLT BOE	PRE SLEEP			SLEEP						LOG	POST SLEEP			
	MS1 PETTIT	PRE SLEEP		D S L V	SLEEP						LOG	POST SLEEP			
	MS2 BOWEN	PRE SLEEP		D S L V	SLEEP						LOG	POST SLEEP			
	MS3 PIPER	PRE SLEEP		D S L V	SLEEP						LOG	POST SLEEP			
	MS4 KIMBROUGH	PRE SLEEP		SLEEP						LOG	POST SLEEP				
	MS5 CHAMITOFF	PRE SLEEP		D S L V	SLEEP						LOG	POST SLEEP			
DAY/NIGHT		[Timeline with day/night bars]													
ORBIT		[Timeline with orbit parameters]													
TDRS		[Timeline with TDRS parameters]													
ORB ATT		[Timeline with orbit attitude parameters]													
GND		[Timeline with ground parameters]													
NOTES		[Notes area]													

FD16

GMT 11/29/08 (334)

MET Day 014



STS - 126	CDR FERGUSON	PSLEEP GPRUP PSLEEP IMU ALIGN & VERIF	DEORBIT PREP	DEORBIT	KSC
	PLT BOE	PSLEEP GPRUP POST SLEEP	DEORBIT PREP		
	MS1 PETTIT	POST SLEEP PGSCA STOWT PART II	DEORBIT PREP		
	MS2 BOWEN	POST SLEEP WARR TCS HMP GDE RAC T	DEORBIT PREP		
	MS3 PIPER	PSLEEP OCTAOC WAE TTP CCH WPM EWA PRD DSN	DEORBIT PREP		
	MS4 KIMBROUGH	POST SLEEP MWD DKC #H FMT KOW	DEORBIT PREP		
	MS5 CHAMITOFF	POST SLEEP WARR TCS HMP STOW %	DEORBIT PREP		

DAY/NIGHT	[Day/Night bar chart]									
ORBIT	230	231	232	233	234	235	236	237		
TDRS	W -171.0									
	E -46.0									
	Z -275.0									
ORB ATT	IMU	-XSI	COMM	DO	ENTRY					
GND					-MLA	-DFR -MLA	-DFR	-DFR		
NOTES	*POST SLEEP *ENABLE *SAMPLE #STATUS %SALIVA KIT CHECK			*DEORBIT TIG (14/17:02) *KSC LANDING (14/18:05)						

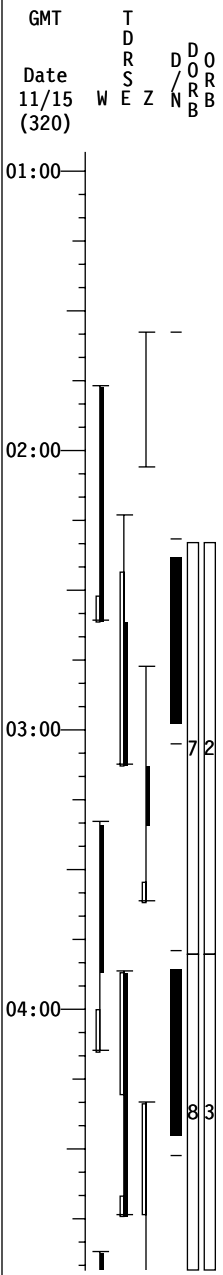
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TIMELINE

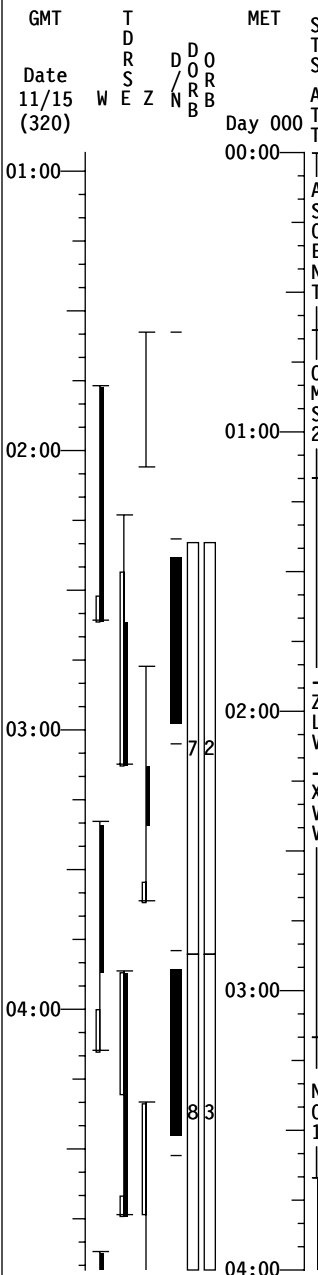
STS-126 FD (01)

GMT Date 11/15 (320)	TDRSEZ W E Z	MET Day 000	STS A T T A S C E N T O M S 2 Z L V X V V	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
01:00		00:00	ASCENT	ACTIVITIES PRIOR TO 0/2:30 ARE IN THE ASCENT AND POST INSERTION CHECKLISTS. THE ORBITER SHOULD BE IN A -ZLV -XVV ATTITUDE UPON ENTERING THE FLIGHT PLAN.			
				ASCENT	ASCENT	ASCENT	
				FD01 EZ ACTIVITIES: PCS 1(2) CONFIG (ORB OPS, ECLS) Config PCS 1 with 14.7 CAB REG INLET SYS 1,2 VLV - CL LAMP TEST (ORB OPS, EPS) SMK DETN CKT TEST (ORB OPS, ECLS) CSA-CP BATTERY CHANGEOUT (ORB OPS, CSA-CP) CSA-CP CHECKOUT AND ZERO CALIBRATION OPS (ORB OPS, CSA-CP) DATE/TIME SET (PHOTO/TV, D2X) VTR CLOCK SET (PHOTO/TV, DTV) if not performed for PLBD rec			
02:00		01:00		POST INSERTION	POST INSERTION	POST INSERTION	
				POST INSERTION	POST INSERTION	POST INSERTION	UPLINK β21 + Mask
03:00		02:00		ON-ORBIT INITIALIZATION (PDRS, ON-ORBIT INIT)			UPDATE TFL 199 MPLM ENV CHECK
				A M069M Insert Bleed Orifice Assembly into LEH 02 8 QD LEH 02 8 vlv-OP			
				PGSC ACT OCA SETUP In Step 8, do not connect P3,P4 to DTV MUX PGSC HARD DISK LATE UPDATE PGSC NETWORK (A. SETUP) COLOR PRINTER UNSTOW & ASSEMBLE COLOR PRINTER WARMUP & SELF-TEST (ORB OPS, PGSC)			UPDATE ORBITAL MNVR PAD UPDATE TFL 188
04:00		03:00		ON-ORBIT OMS BURN (ORB OPS, OMS)	ON-ORBIT OMS BURN (ORB OPS, OMS)		
				< NC1 TIG (0/03:34:50)	INSTALL BLEED ORIFICE A L17 Check MCIU filter screen		
				MNVR (TRK) -ZLV -XVV TG=2 BV=3 OM=0 A1/AUTO/VERN Init TRK	PRIORITY PWRDN GRP B (ORB PKT, PRIOR PWRDN) Omit Steps 3,7,13 (In Step 6, Single G2) (IMU 1)		
				PRIORITY PWRDN GRP B (ORB PKT, PRIOR PWRDN) Omit Steps 3,7,13 (In Step 6, Single G2) (IMU 1)			
				PRIORITY PWRDN GRP B (ORB PKT, PRIOR PWRDN) Omit Steps 3,7,13 (In Step 6, Single G2) (IMU 1)			FLT PLN/126/FIN



STS-126 FD (01)

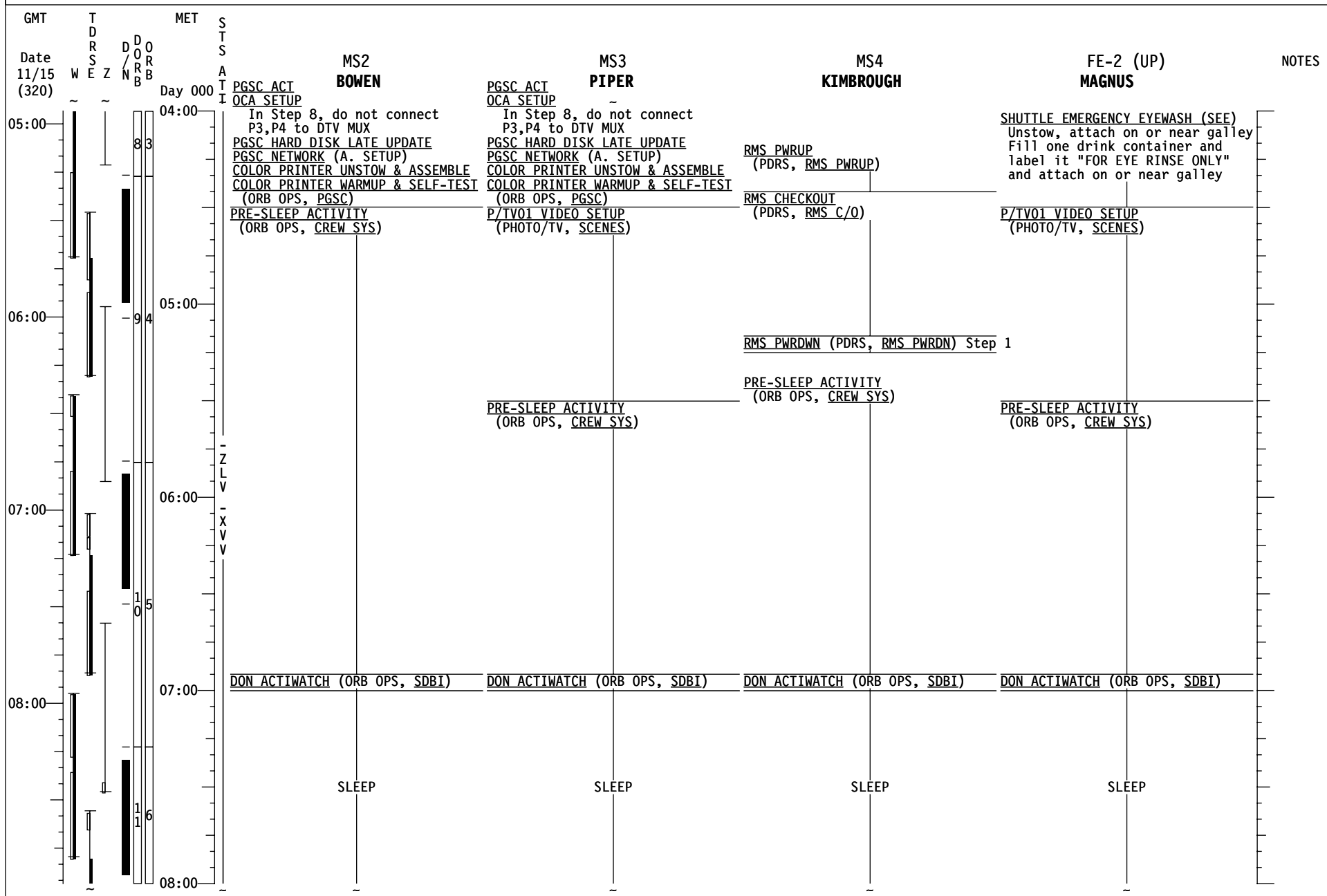
GMT	TDRSEZ W E Z	MET Day 000	STS A T T	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	FE-2 (UP) MAGNUS	NOTES
01:00		00:00	ASCENT	ASCENT	ASCENT	ASCENT	ASCENT	
02:00		01:00	OMS2	POST INSERTION	POST INSERTION	POST INSERTION	POST INSERTION	
03:00		02:00	ZLV					
04:00		03:00	XVV	<p>SSP1 OIU PWR - OIU 1 ON (tb-UP)</p> <p>SSPTS APCU 1 ACT</p> <p>A15 APCU 1 OUTPUT - ON CONV - ON</p>	<p>PGSC ACT</p> <p>OCA SETUP</p> <p>In Step 8, do not connect P3,P4 to DTV MUX</p> <p>PGSC HARD DISK LATE UPDATE</p> <p>PGSC NETWORK (A. SETUP)</p> <p>COLOR PRINTER UNSTOW & ASSEMBLE</p> <p>COLOR PRINTER WARMUP & SELF-TEST (ORB OPS, PGSC)</p>	<p>ON-ORBIT INITIALIZATION (PDRS, ON-ORBIT INIT)</p> <p>MDDK STATUS CHECK (ASSY OPS, P/L)</p> <p>GIRA INSTALLATION (ORB OPS, ECLS)</p>	<p>QCAC SETUP (ORB OPS, CREW SYS)</p> <p>TISSUE EQUIV. PROP. COUNTER (TEPC) (ORB OPS, CREW SYSTEMS) Power On</p> <p>GIRA INSTALLATION (ORB OPS, ECLS)</p>	
		04:00	NC1	<p>ON MCC GO:SSPTS APCU 1 DEACT</p> <p>A15 APCU 1 CONV - OFF OUTPUT - OFF</p> <p>SSP1 OIU PWR - OFF (tb-bp)</p>				



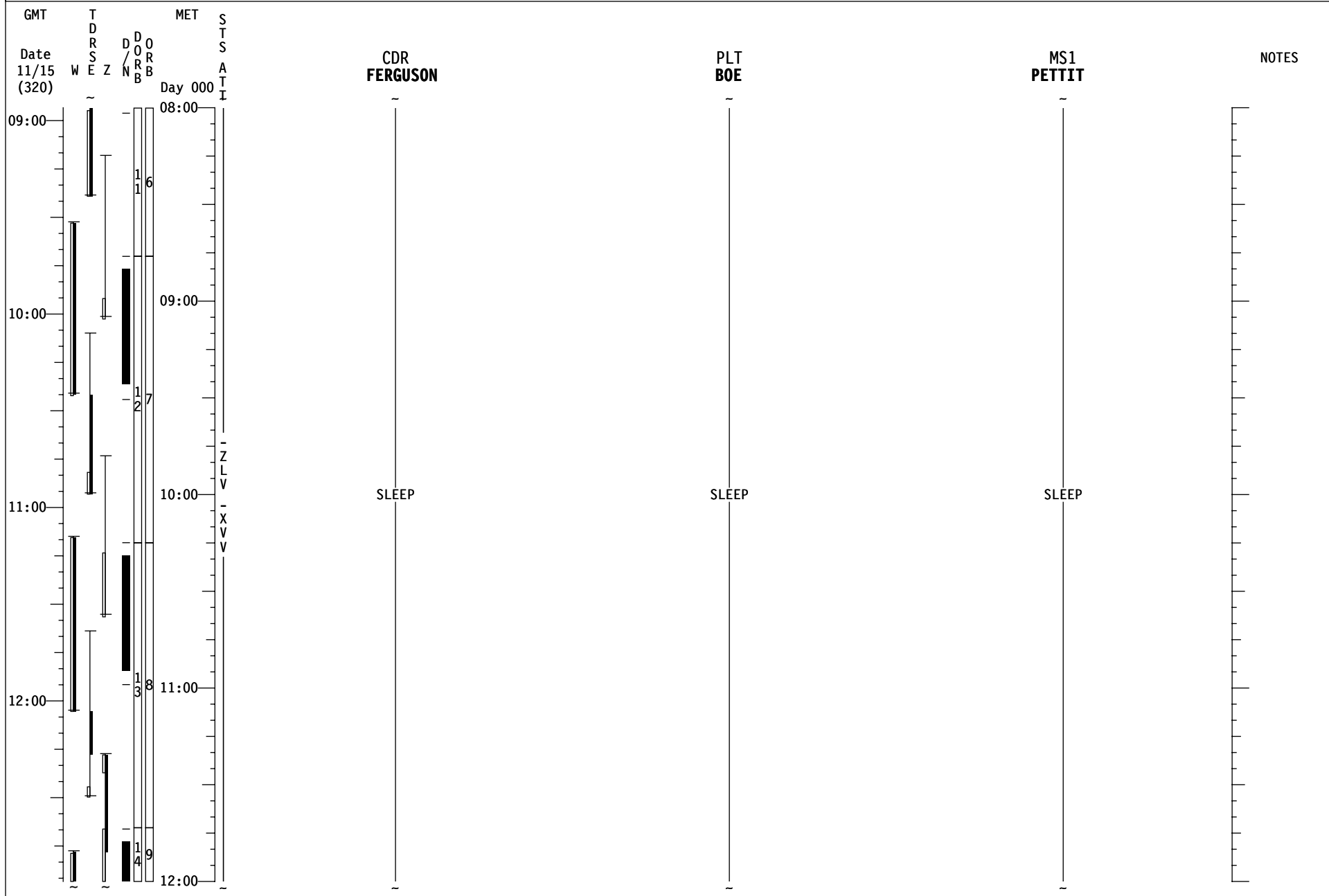
STS-126 FD (01)

GMT	TDRSEZ	MET	S	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
Date 11/15 (320)	W E Z	Day 000	STS A T I				
05:00	83	04:00		<u>PRIORITY PWRDN GRP B</u> ~ (ORB PKT, <u>PRIOR PWRDN</u>) Omit Steps 3,7,13 (In Step 6, Single G2) (IMU 1) <u>IMU STAR OF OPPTY ALIGN</u> (ORB OPS, GNC) <u>AFT CONTROLLER C/O</u> (ORB OPS, GNC) <u>ELEVON PARK, GNC 201</u> (ORB OPS, GNC) <u>DAP A & B CONFIGURATIONS</u> (ORB OPS FS, <u>DAP TABLES</u>)	<u>PRIORITY PWRDN GRP B</u> ~ (ORB PKT, <u>PRIOR PWRDN</u>) Omit Steps 3,7,13 (In Step 6, Single G2) (IMU 1) <u>RMS PWRUP</u> (PDRS, RMS PWRUP) <u>RMS CHECKOUT</u> (PDRS, RMS C/O)	<u>PGSC ACT</u> <u>OCA SETUP</u> In Step 8, do not connect P3,P4 to DTV MUX <u>PGSC HARD DISK LATE UPDATE</u> <u>PGSC NETWORK (A. SETUP)</u> <u>COLOR PRINTER UNSTOW & ASSEMBLE</u> <u>COLOR PRINTER WARMUP & SELF-TEST</u> (ORB OPS, PGSC) <u>WLES ACTIVATION & CHECK OUT</u> (ORB OPS FS, <u>WLE SENSORS</u>) <u>IMAGE FILE XFER (PHOTO/TV,D2X)</u> <u>ET HANDHELD PHOTO</u> <u>UMBILICAL WELL TPS CAM IMGRY D/L</u> (ORB OPS, PGSC)	
06:00	94	05:00		PRIVATE MEDICAL CONFERENCE (A/G) <u>APU FDI RECONFIGS</u> R2 BLR PWR(three)-OFF A12 APU HTR GG/FU PMP(three)-A AUTO <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, <u>CREW SYS</u>)	<u>RMS PWRDWN</u> (PDRS, RMS PWRDN) Step 1 <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, <u>CREW SYS</u>)	<u>PRE-SLEEP ACTIVITY</u> (ORB OPS, <u>CREW SYS</u>)	
07:00	105	06:00	Z L V	Hum Seps for H2O Accumulation			
08:00	116	07:00	X V V	<u>DON ACTIWATCH</u> (ORB OPS, SDBI)	<u>DON ACTIWATCH</u> (ORB OPS, SDBI)	<u>DON ACTIWATCH</u> (ORB OPS, SDBI)	
08:00				SLEEP	SLEEP	SLEEP	

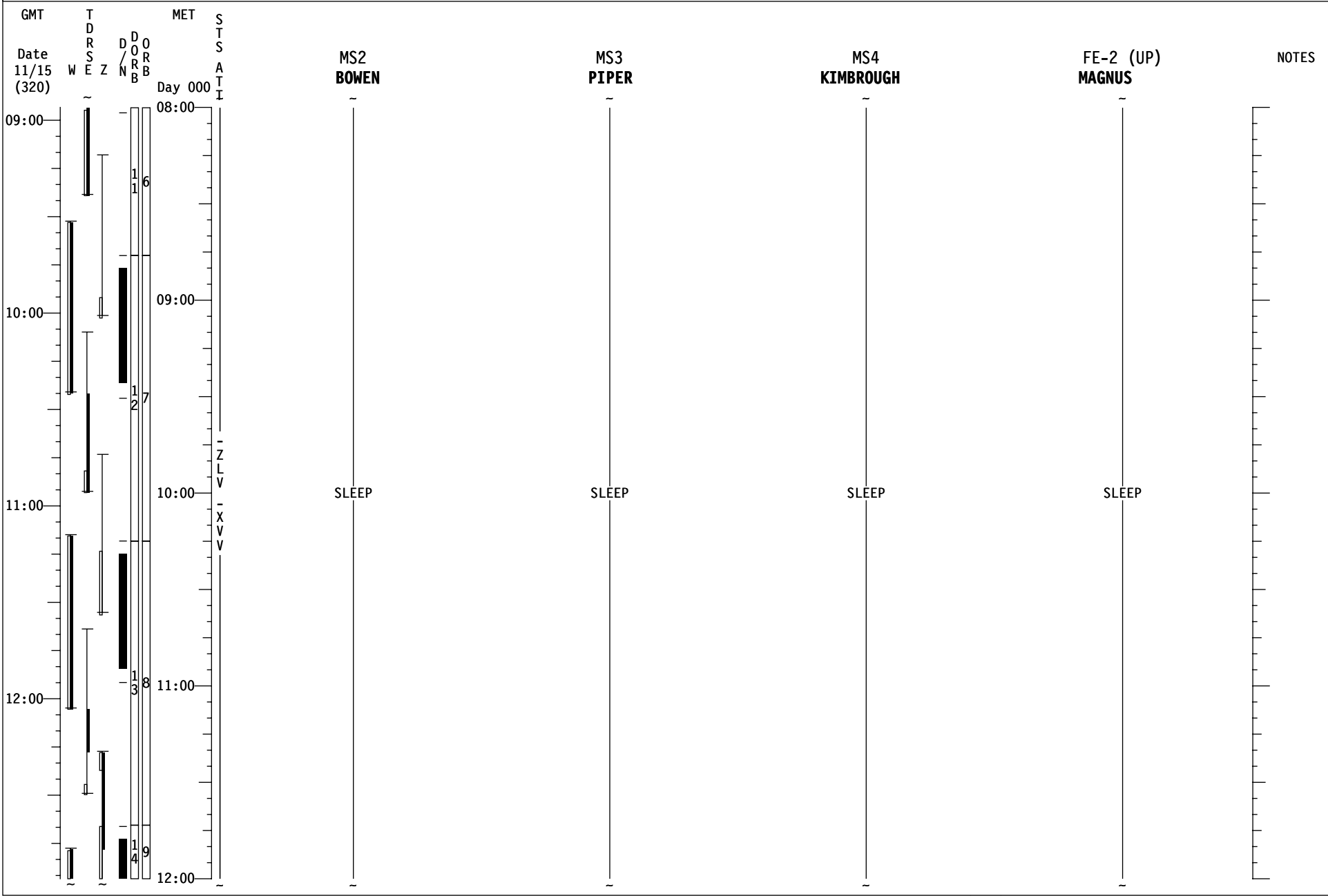
STS-126 FD (01)



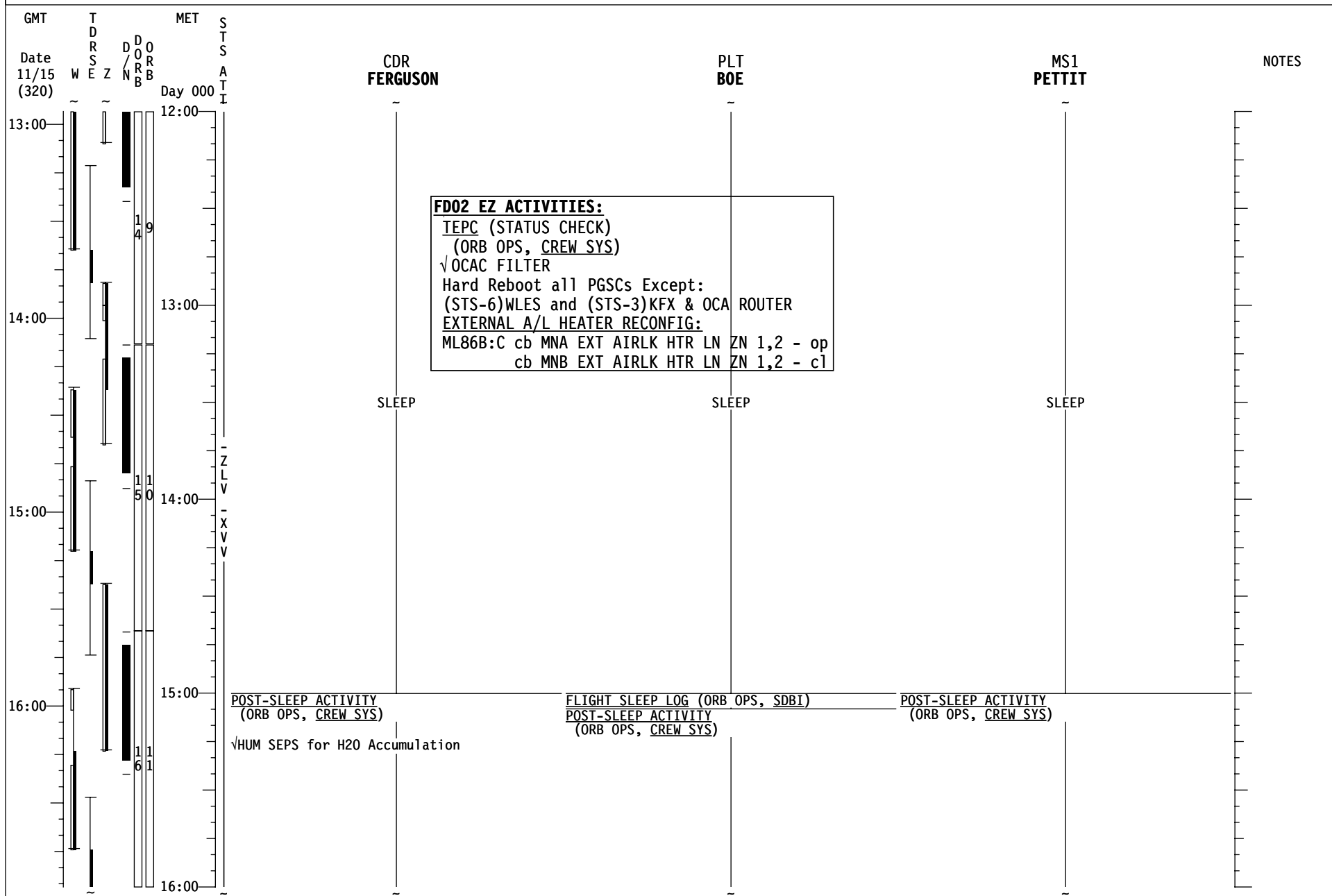
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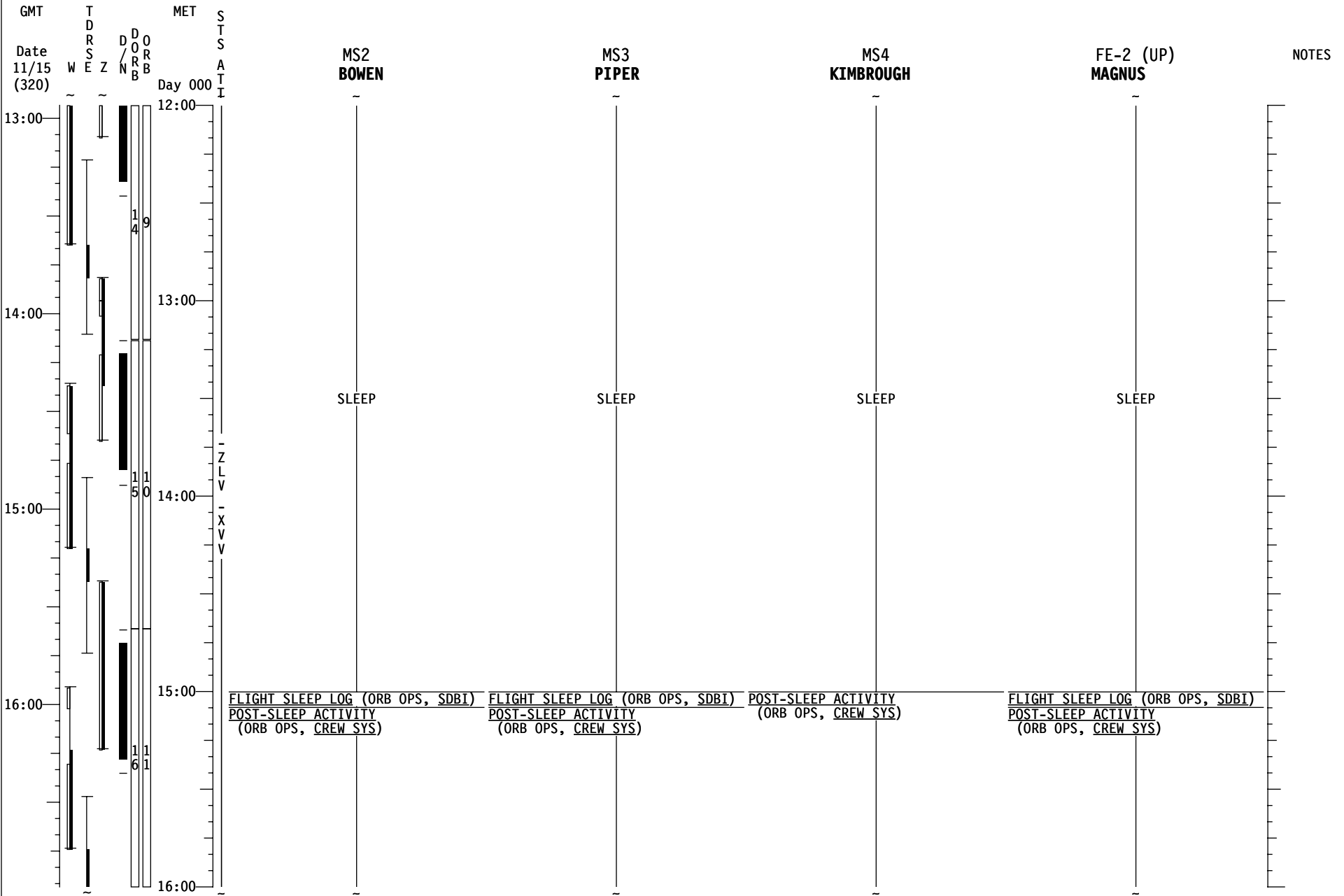
STS-126 FD (01)



STS-126 FD (02)



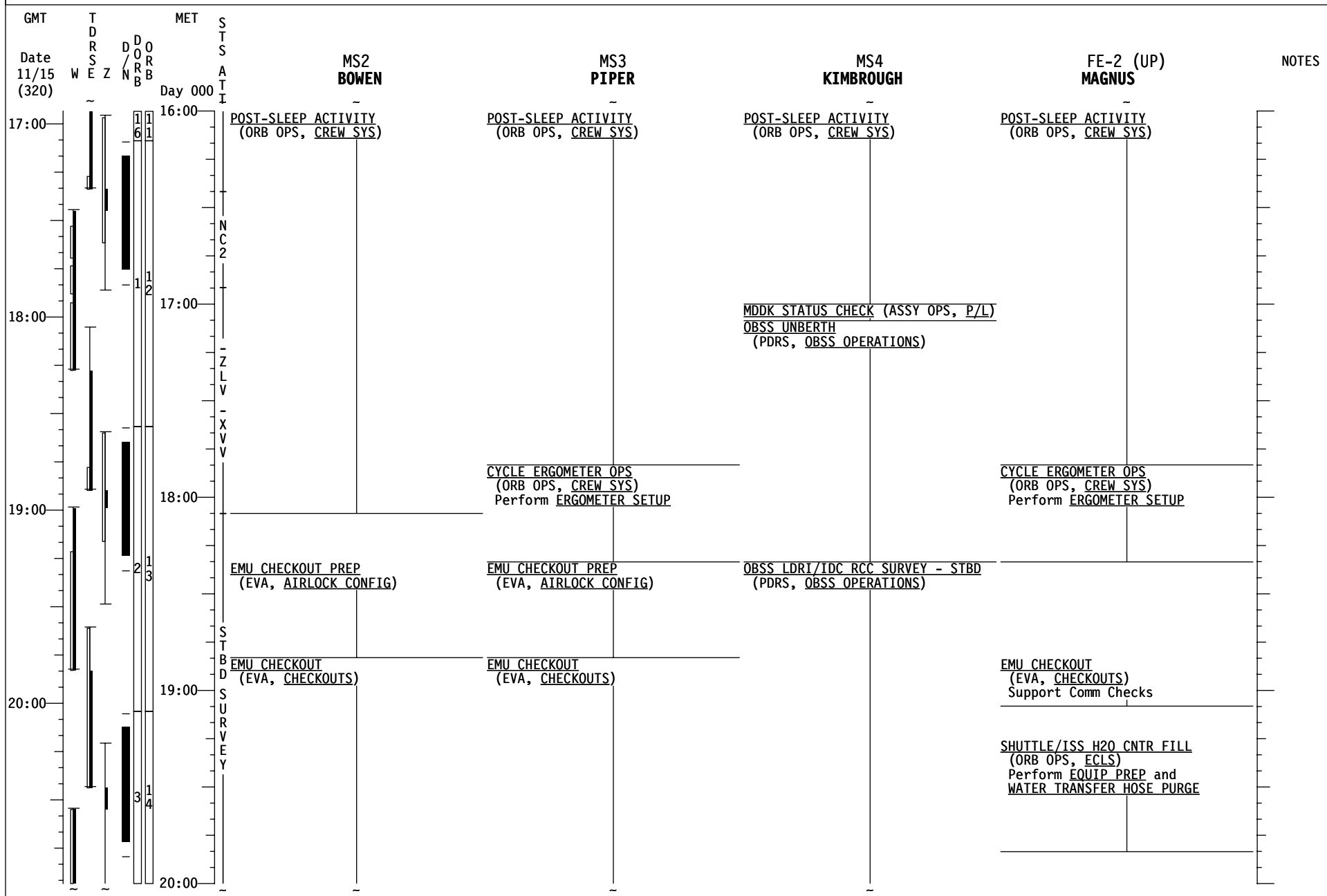
STS-126 FD (02)



STS-126 FD (02)

GMT	TDRSEZ	MET	SATS	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
Date 11/15 (320)	W E Z	Day 000	1 1				
17:00		16:00		POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) √HUM SEPS for H2O Accumulation	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
				ON-ORBIT OMS BURN (ORB OPS, OMS)	ON-ORBIT OMS BURN (ORB OPS, OMS)		UPDATE ORBITAL MNVR PAD
				< NC2 TIG (0/16:52:56)			
18:00		17:00		MNVR (TRK) -ZLV -XVV TG=2 BV=3 OM=0 A1/AUTO/VERN Init TRK	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	L17 Check MCIU filter screen OBSS UNBERTH (PDRS, OBSS OPERATIONS)	
				Z IMU STAR OF OPPTY ALIGN (ORB OPS,GNC)			
				L POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)			
				XVV			
19:00		18:00		RCS/OMS HEATER RECONFIG [A] MNVR (TRK) BIAS +YSI (Stbd Survey) TG=4 BV=5 P=0 Y=40 OM=165 A14/AUTO/VERN Init TRK	A A14 RCS/OMS HTR L(R) POD A - OFF B - AUTO		
				O2 REPRESS INIT OCAC PWR - OFF C5 DIRECT O2 vlv - OP CRYO O2 TK HTR SNSR CK (ORB OPS, EPS)	OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS OPERATIONS)	OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS OPERATIONS)	
				S O2 REPRESS TERM on MCC GO T C5 DIRECT O2 vlv - CL B OCAC PWR - ON			
20:00		19:00		D SSP1 OIU PWR - OIU 1 ON (tb-UP)			UPDATE TFL 199
				U A15 APCU 1 OUTPUT - ON			MPLM PRESSURE CHECK
				Y ON MCC GO: A15 APCU 1 OUTPUT - OFF SSP1 OIU PWR - OFF (tb-bp)			UPDATE TFL 188
				FC PURGE - MANUAL (ORB OPS, EPS)			
		20:00					

STS-126 FD (02)



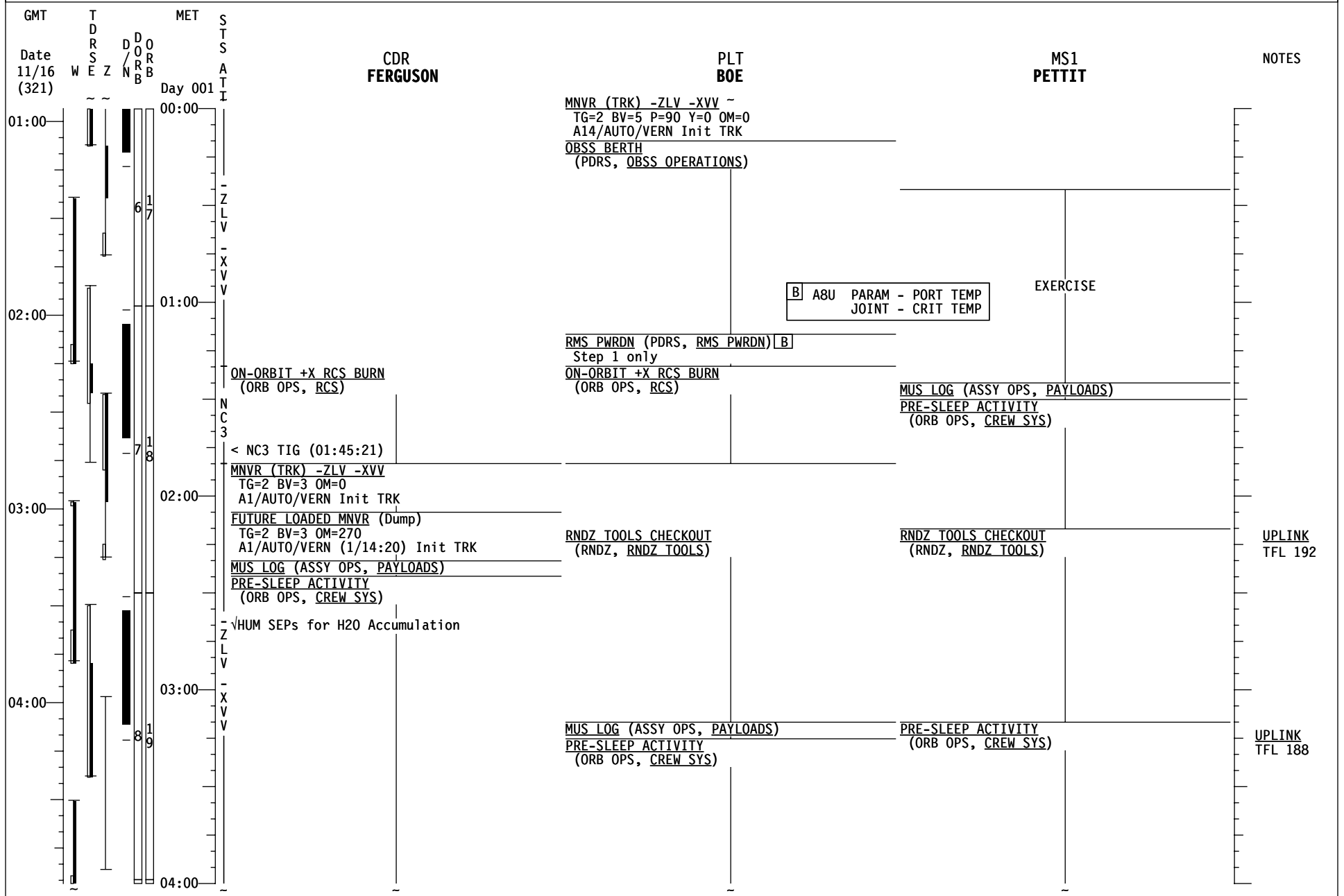
STS-126 FD (02)

GMT	TDRSEZ	DORBN	MET	STS	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
Date 11/15 (320)			Day 000	STATI				
21:00			20:00		MNVR (TRK) BIAS +XSI (Nose Cap) TG=4 BV=5 P=330 Y=0 OM=155 A14/AUTO/VERN Init TRK	OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS OPERATIONS)	OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS OPERATIONS)	
					MEAL	MEAL	MEAL	
22:00			21:00	NOSE SURVEY	FILTER CLEANING (IFM, SCHEDULED MAINTENANCE)	OBSS LDRI/IDC RCC SURVEY - NOSE CAP (PDRS, OBSS OPERATIONS)	OBSS LDRI/IDC RCC SURVEY - NOSE CAP (PDRS, OBSS OPERATIONS)	
23:00			22:00		Perform Port Survey Steps 1-2 Prior to MNVR MNVR (TRK) BIAS -YSI (Port Survey) TG=4 BV=5 P=0 Y=323 OM=180 A14/AUTO/VERN Init TRK	OBSS LDRI/IDC RCC SURVEY - PORT (PDRS, OBSS OPERATIONS)	OBSS LDRI/IDC RCC SURVEY - PORT (PDRS, OBSS OPERATIONS)	
00:00			23:00	PORT SURVEY	EXERCISE			
00:00			00:00		MNVR (TRK) -ZLV -XVV TG=2 BV=5 P=90 Y=0 OM=0 A14/AUTO/VERN Init TRK			

STS-126 FD (02)

GMT	T D R S W E Z N D O R B D O R B	MET Day 000	S T S A T T I	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	FE-2 (UP) MAGNUS	NOTES
21:00				EMU CHECKOUT (EVA, CHECKOUTS)	EMU CHECKOUT (EVA, CHECKOUTS)	OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS OPERATIONS)		
				MEAL	MEAL	MEAL	MEAL	
22:00				R2 BLR CNTLR/HTR (three) - B	MIDDECK PREP Ref. MDDK Xfer List items: 22,29,29.1,29.2,43,45	OBSS LDRI/IDC RCC SURVEY - NOSE CAP (PDRS, OBSS OPERATIONS)	MIDDECK PREP Ref. MDDK TL items: 22,29,29.1,29.2,43,45	
23:00				EXERCISE		OBSS LDRI/IDC RCC SURVEY - PORT (PDRS, OBSS OPERATIONS)		
00:00				EMU PREP FOR ISS TRANSFER (EVA, A/L CONFIG)	EMU PREP FOR ISS TRANSFER (EVA, A/L CONFIG)			

STS-126 FD (02)



STS-126 FD (02)

GMT Date 11/16 (321)	TDRS W E Z	DORB DORNB	MET Day 001	STS ATTI	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	FE-2 (UP) MAGNUS	NOTES
01:00			00:00	Z L V	EMU PREP FOR ISS TRANSFER (EVA, A/L CONFIG)	EMU PREP FOR ISS TRANSFER (EVA, A/L CONFIG)	OBSS BERTH (PDRS, OBSS OPERATIONS)		
				X			B A8U PARAM - PORT TEMP JOINT - CRIT TEMP		
02:00			01:00	V	SETUP FOR SALIVA SAMPLE CLCT (ORB OPS, SDBI)	P/TV08 EXTERNAL SURVEY (S/U) (P/TV, SCENES) Step 1		PLAYBACK (DIGITAL) (PHOTO/TV, CUE CARD) LDRI SURVEYS KU TDRE (00:56-01:31)	
				V		P/TV08 EXTERNAL SURVEY (OPS) (P/TV, SCENES) Item 1			
				N C 3	C/L CAMR INSTALL (PHOTO/TV, C/L CAMR)	C/L CAMR INSTALL (PHOTO/TV, C/L CAMR)	RMS PWRDN (PDRS, RMS PWRDN) [B] Step 1 only NLP Activation (ASSY OPS, PAYLOADS) Act GAPS A-D WLES RNDZ TOOLS C/O PREP (ORB OPS FS, WLE SENSORS) MDDK STATUS CHECK (ASSY OPS, P/L)		
03:00			02:00		FCMS OPS (ORB OPS, EPS)	DOCKING MECH INITIALIZATION DOCKING MECH POWERUP DOCKING RING EXTENSION DOCKING MECH POWERDOWN (RNDZ, APDS)	DOCKING MECH INITIALIZATION DOCKING MECH POWERUP DOCKING RING EXTENSION DOCKING MECH POWERDOWN (RNDZ, APDS)	EXERCISE	
				Z L V	HANDHELD LIDAR C/O (RNDZ, RNDZ TOOLS)		MUS LOG (ASSY OPS, PAYLOADS) MOP QUESTIONNAIRE (ASSY OPS, PAYLOADS)		
				V	MUS LOG (ASSY OPS, PAYLOADS) MOP QUESTIONNAIRE (ASSY OPS, PAYLOADS)	EXERCISE	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
04:00			03:00	X V V	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)				
				V		MUS LOG (ASSY OPS, PAYLOADS) PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)			
04:00			04:00						

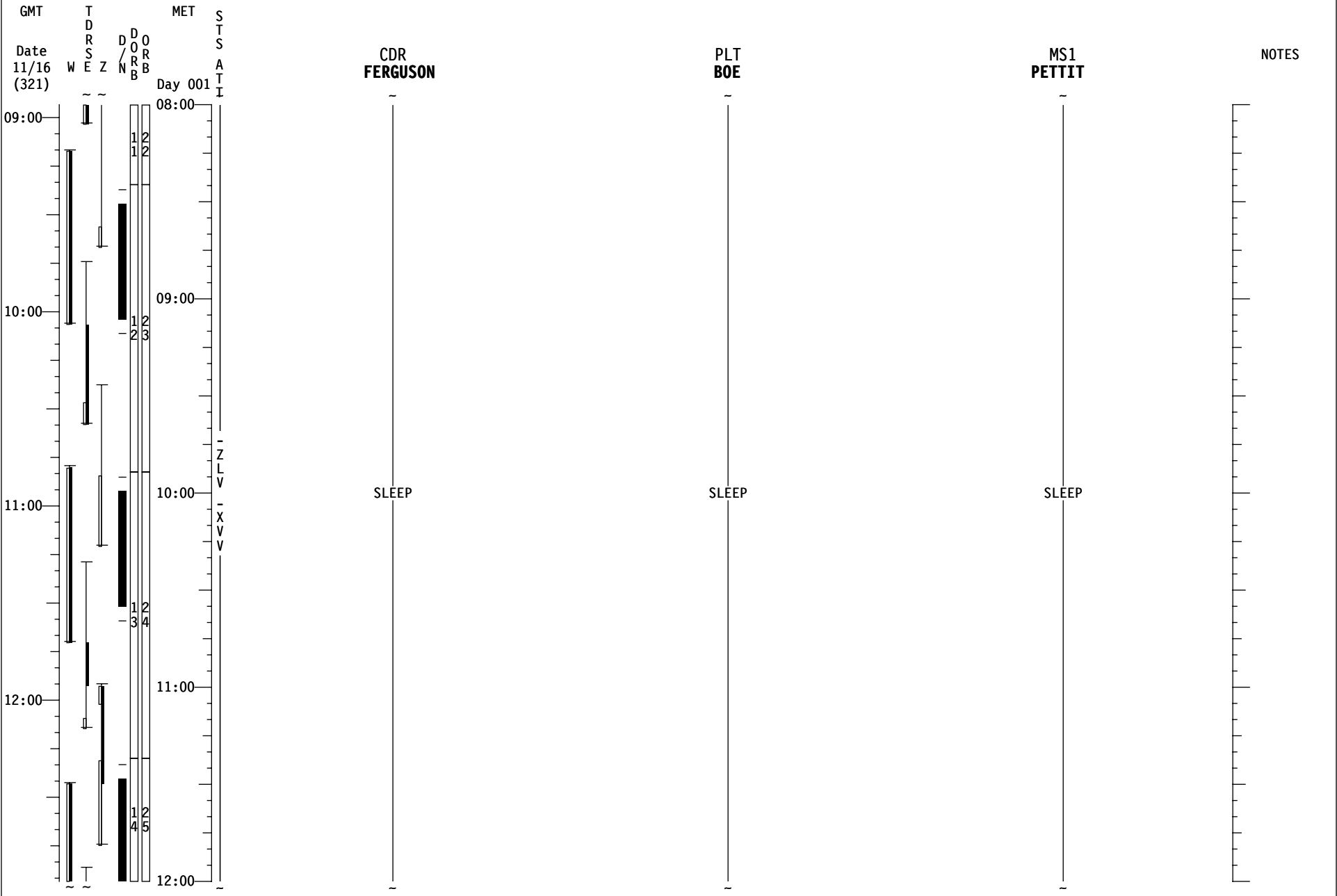
STS-126 FD (02)

GMT	TDRSEZ	MET	SATS	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
Date 11/16 (321)	W E Z	Day 001	04:00	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
05:00				PRIVATE MEDICAL CONFERENCE (A/G)			
				PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)			
06:00							
07:00							
08:00				SLEEP	SLEEP	SLEEP	
08:00							

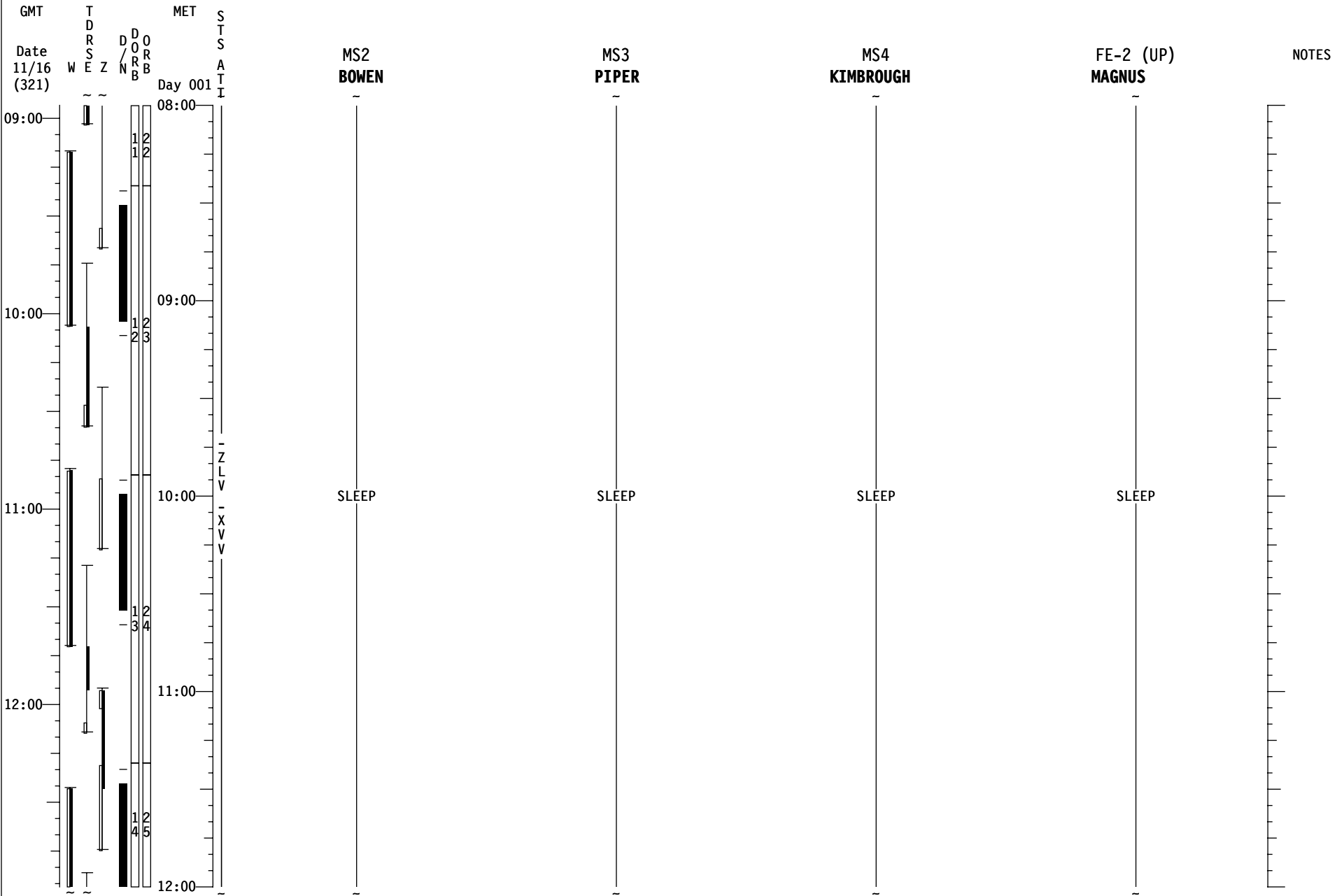
STS-126 FD (02)

GMT	T D R S E Z	D O R B	MET	S T S				NOTES	
Date 11/16 (321)	W	N	Day 001	A T I	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	FE-2 (UP) MAGNUS	
05:00			04:00		<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)	<u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	
06:00			05:00						
07:00			06:00	Z L V					
08:00			07:00	X V V	SLEEP	SLEEP	SLEEP	SLEEP	
08:00			08:00						

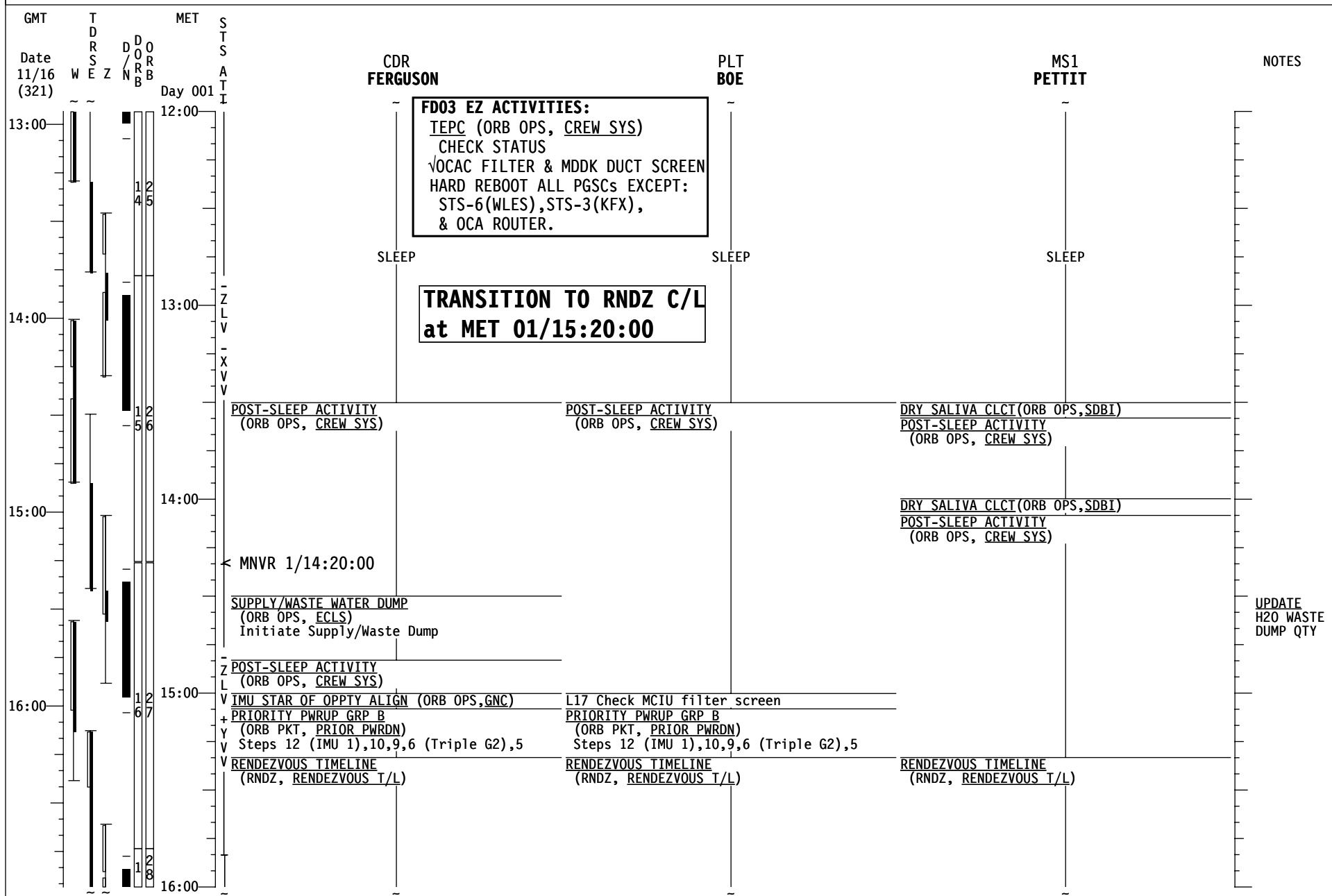
STS-126 FD (02)



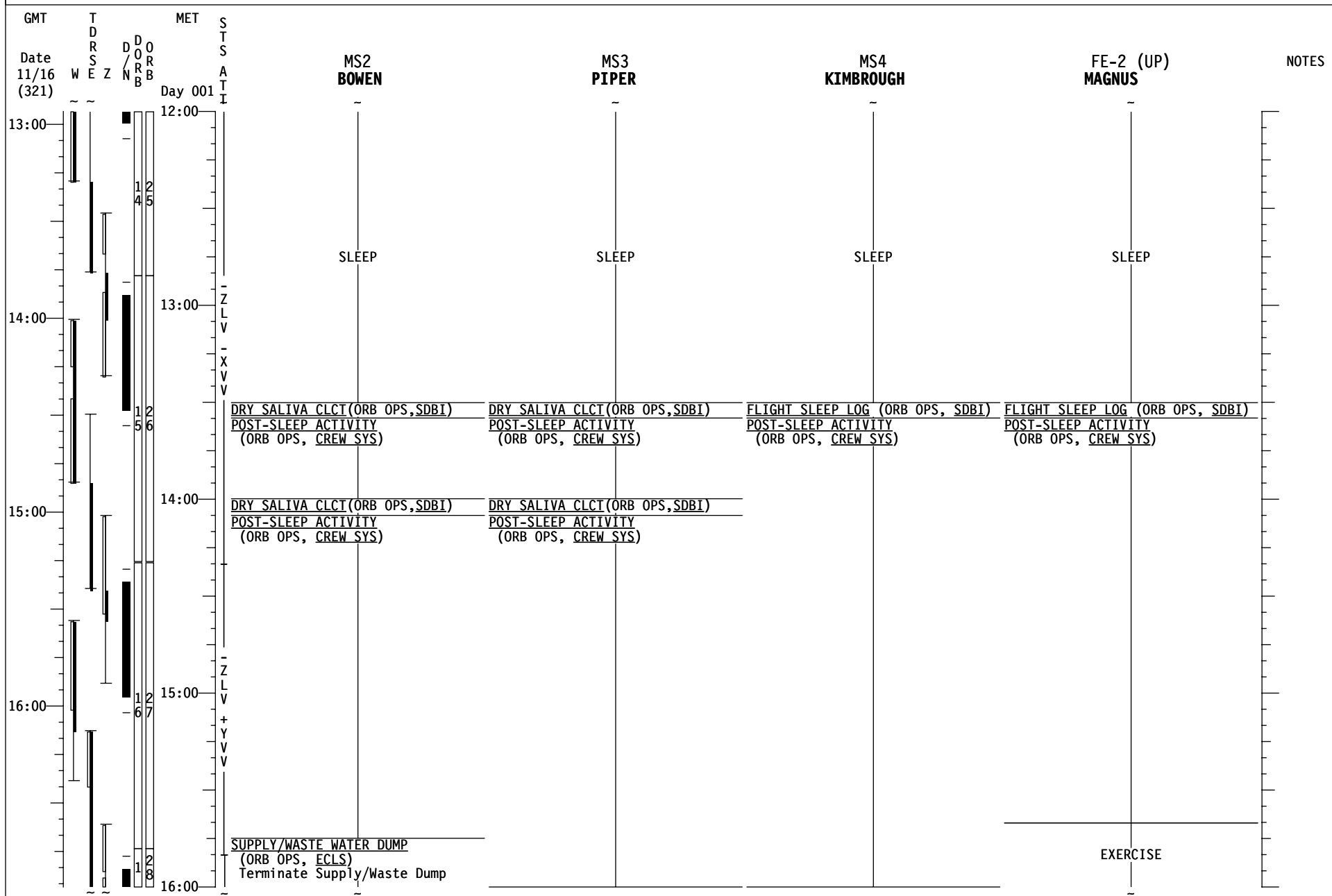
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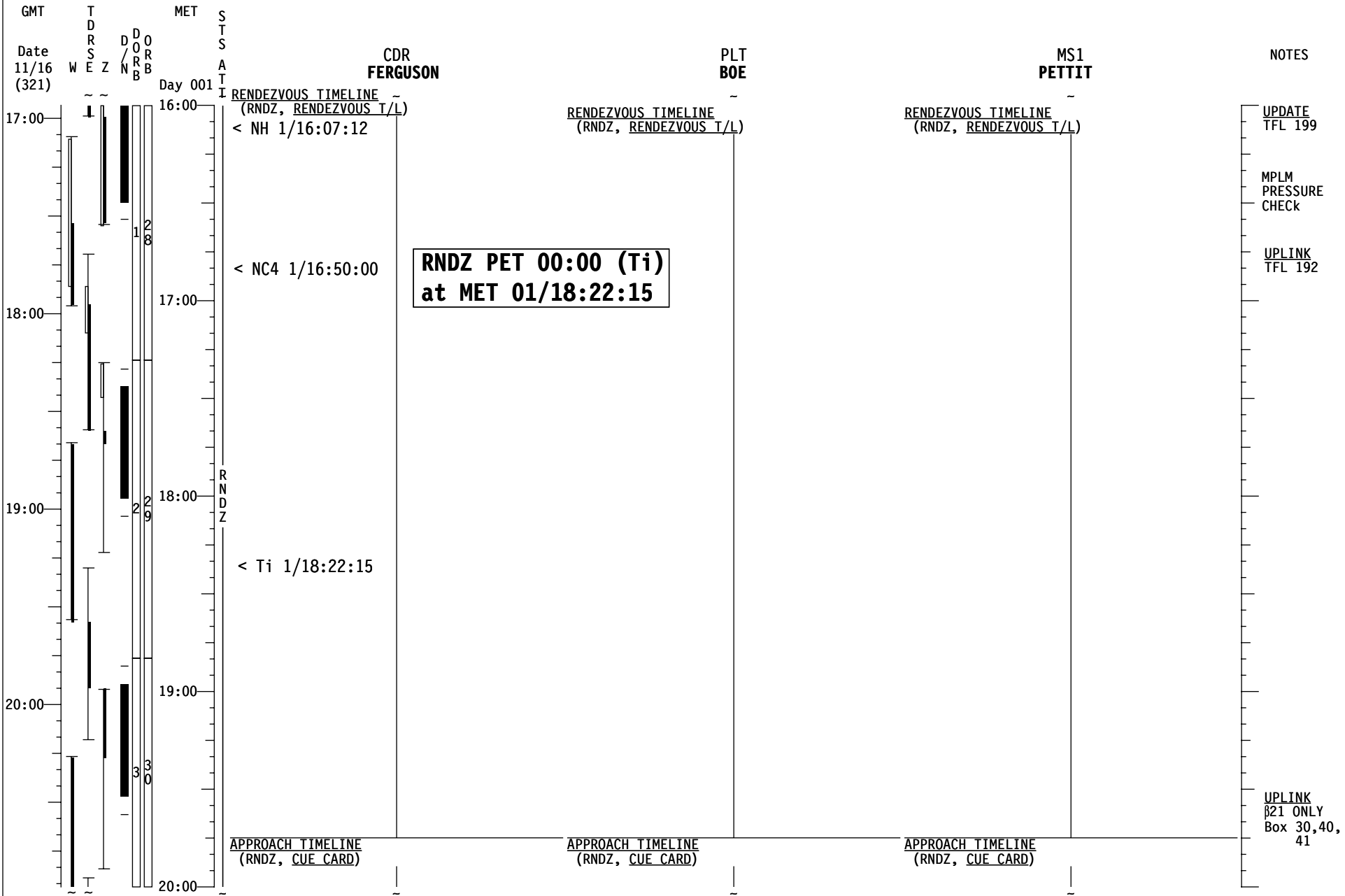
STS-126 FD (03)



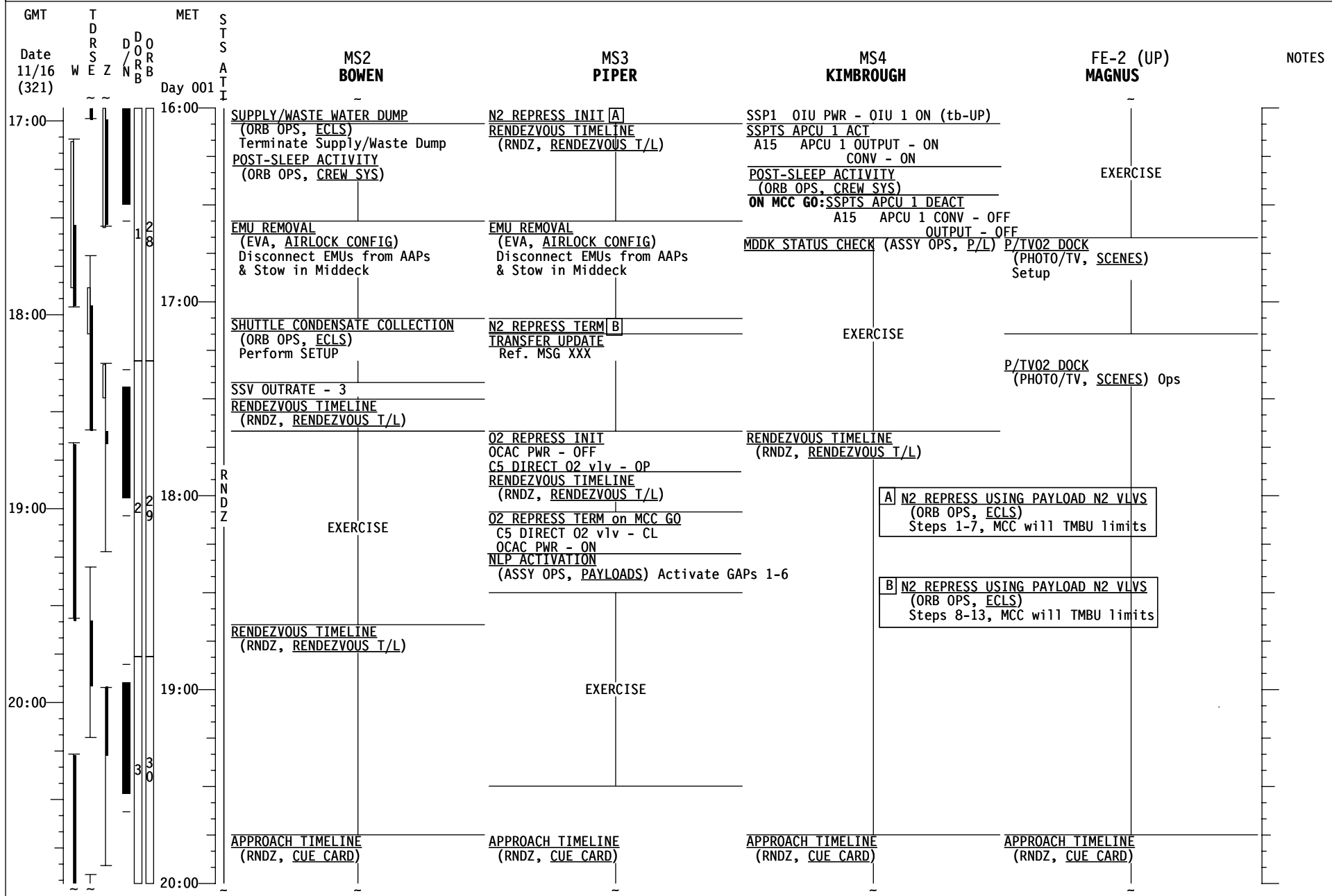
STS-126 FD (03)



STS-126 FD (03)



STS-126 FD (03)



STS-126 FD (03)

GMT	TDRS W E Z	MET Day 001	STS A T I	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
21:00	30		RNDZ	APPROACH TIMELINE (RNDZ, CUE CARD)	APPROACH TIMELINE (RNDZ, CUE CARD)	APPROACH TIMELINE (RNDZ, CUE CARD)	
22:00	41		DK	DOCKING (01:21:01)	RETURN TO FLIGHT PLAN		
				SSV OUTFATE - 2 POST RNDZ PGSC CONFIG Configure PGSCs	√DAP A/LVLH/VERN MNVR (TRK) BIAS -XLV -ZVV TG=2 BV=5 P=162 Y=354 OM=183 Init TRK, DAP:FREE >2 sec Then: DAP:B12/AUTO/VERN When in attitude, select DAP A		UPLINK β21 ONLY Box 40,41, 60
23:00	52		AS	PRIORITY PWRDN GRP B (ORB PKT, PRIOR PWRDN) Steps 6 (Single G2) & 12 (IMU 1) 06 STRK PWR -Z - OFF JOINT OPS: 3.111 HANDOVER ATTITUDE CONTROL ORBITER to CMGTA TOPPING FES DEACTIVATION (ORB OPS, ECLS)	PRIORITY PWRDN GRP B (ORB PKT, PRIOR PWRDN) Steps 6 (Single G2) & 12 (IMU 1) 06 STRK PWR -Z - OFF	EXERCISE	UPLINK TFL 184
			XLV	AHOY !!!	AHOY !!!	AHOY !!!	
00:00	63		ZVV	SAFETY BRIEFING	SAFETY BRIEFING	SAFETY BRIEFING	
				SSPTS ODS CONNECTOR VERIF [C] SSPTS OPCU ACT [D] P/TV05 ISS INTERNAL OPS (HC) (PHOTO/TV, SCENES) Setup	OBSS HANDOFF FROM SSRMS TO SRMS (PDRS, OBSS NOMINAL) Steps 1 and 2 P/TV06 ROBOTICS OPERATIONS (PHOTO/TV, SCENES) Setup & Ops	WLES DOCK/UNDOCK RECOVERY (ORB OPS, WLES) ROBOTICS: 1.110 OBSS UNBERTH & HANDOFF Steps 1-5.2	
00:00				EXERCISE	OBSS HANDOFF FROM SSRMS TO SRMS (PDRS, OBSS NOMINAL) Steps 3-5		

C SSPTS ODS CONNECTOR VERIF
A15 ODS MATE X1,X2(two)-ON
√MCC then - OFF

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

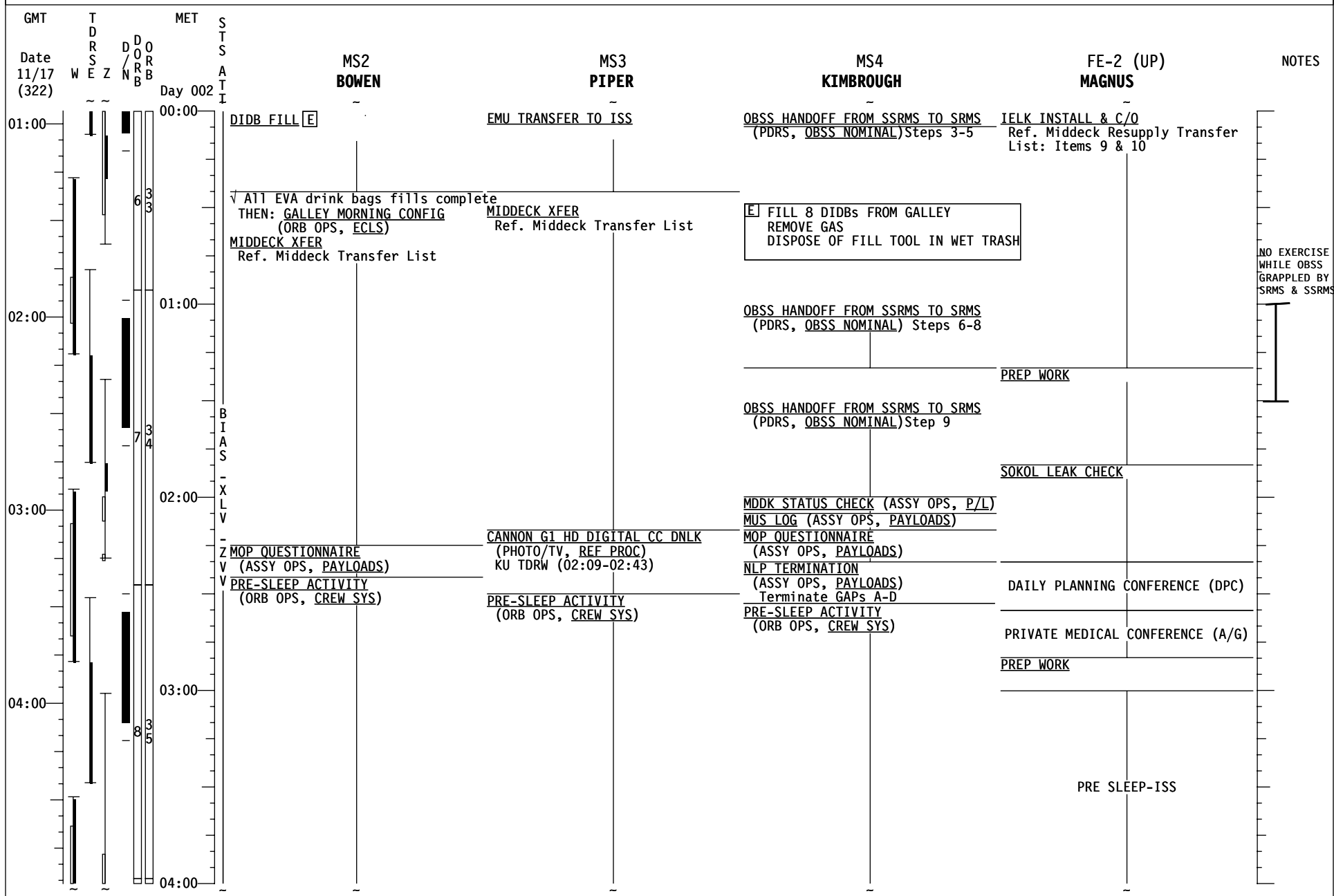
STS-126 FD (03)

GMT Date 11/16 (321)	TDRSEZ W E Z	DORBN D O R B	MET Day 001	STS A T I	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	FE-2 (UP) MAGNUS	NOTES
21:00			20:00	RNDZ	APPROACH TIMELINE (RNDZ, CUE CARD)	APPROACH TIMELINE (RNDZ, CUE CARD)	APPROACH TIMELINE (RNDZ, CUE CARD)	APPROACH TIMELINE (RNDZ, CUE CARD)	
22:00			21:00	DK	<div style="border: 1px solid black; padding: 2px;"> [E] FILL 8 DIDBs FROM GALLEY REMOVE GAS DISPOSE OF FILL TOOL IN WET TRASH </div>	POST DOCKING HATCH LEAK CHECK (RNDZ, APDS)	POST DOCKING HATCH LEAK CHECK (RNDZ, APDS)		
23:00			22:00	BIAS	P/TV04 INGRESS/EGRESS (PHOTO/TV, SCENES) Setup	A/L PREP FOR INGRESS -BOOSTER FAN ACTIVE (RNDZ, APDS)	A/L PREP FOR INGRESS -BOOSTER FAN ACTIVE (RNDZ, APDS)		
				XLV	P/TV04 INGRESS/EGRESS (PHOTO/TV, SCENES) Ops	JOINT OPS: 2.104 HATCH OPENING & SHUTTLE/ISS DUCT INSTALLATION Perform step 2-11,14 &15. √MCC-H complete with step 1	JOINT OPS: 2.104 HATCH OPENING & SHUTTLE/ISS DUCT INSTALLATION Perform step 2-11,14 &15. √MCC-H complete with step 1	SSC 16 SETUP Ref. MSG XXX	
00:00			23:00	ZVV	AHOY!!!	AHOY!!!	AHOY!!!	AHOY!!!	
					SAFETY BRIEFING	SAFETY BRIEFING	SAFETY BRIEFING	SAFETY BRIEFING	
					GALLEY OVERNIGHT CONFIG (ORB OPS, ECLS) DIDB FILL [E]	DIDB FILL [E]	OBSS HANDOFF FROM SSRMS TO SRMS (PDRS, OBSS NOMINAL) Steps 1 & 2 P/TV06 ROBOTICS OPERATIONS (PHOTO/TV, SCENES) Setup & Ops	TELK INSTALL & C/O Ref. Middeck Resupply Transfer List: Items 9 & 10	
			00:00			EMU TRANSFER TO ISS	OBSS HANDOFF FROM SSRMS TO SRMS (PDRS, OBSS NOMINAL) Steps 3-5		

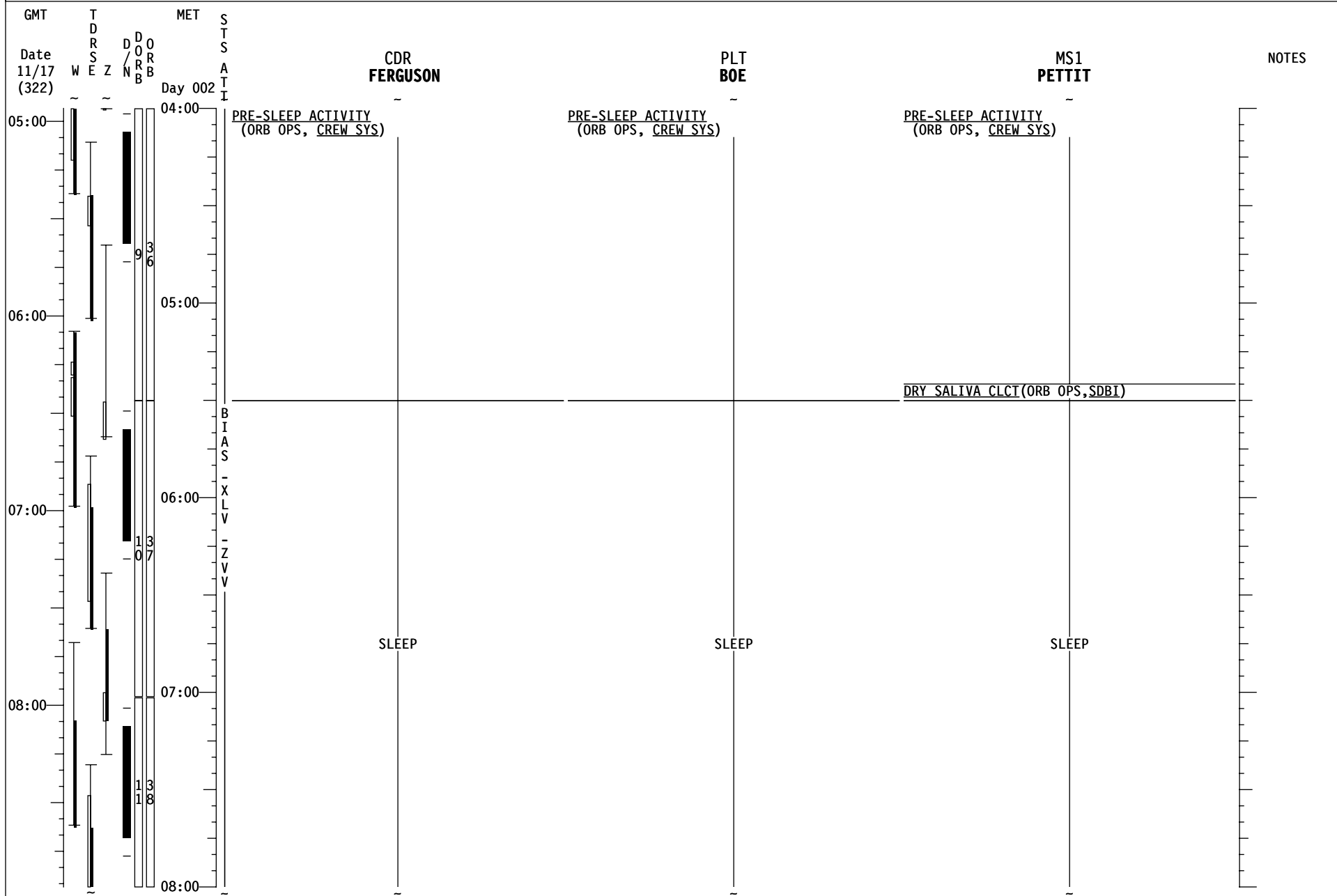
STS-126 FD (03)

GMT	T D R S E Z	D O R B	MET	S T S	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
Date 11/17 (322)	W	N	Day 002	A T I				
01:00		6	00:00		EXERCISE	OBSS HANDOFF FROM SSRMS TO SRMS (PDRS, OBSS NOMINAL) Steps 3-5	ROBO: 1.110 OBSS UNBERTH & HANDOFF Steps 5.3-9	
		3						
		3						
02:00		7	01:00		MIDDECK XFER Ref. Middeck Transfer List	OBSS HANDOFF FROM SSRMS TO SRMS (PDRS, OBSS NOMINAL) Steps 6-8	ROBO: 1.111 OBSS RELEASE AT HANDOFF	NO EXERCISE WHILE OBSS GRAPPLLED BY SRMS & SSRMS
		4						
		4						
03:00		7	02:00		Z TRANSFER TAGUP Coordinate with xfer counterpart	OBSS HANDOFF FROM SSRMS TO SRMS (PDRS, OBSS NOMINAL) Step 9	MIDDECK XFER Ref. Middeck Transfer List	
		4						
		4						
04:00		8	03:00		MUS LOG (ASSY OPS, PAYLOADS) PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) √ Hum Seps for H2O Accumulation	EXERCISE	TRANSFER TAGUP Coordinate with xfer counterpart	
		5						
		5						
		5			PRIVATE MEDICAL CONFERENCE (A/G)	MUS LOG (ASSY OPS, PAYLOADS) PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	TRANSFER BRIEF Call down status to MCC	
		5						
		5			PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)		MUS LOG (ASSY OPS, PAYLOADS) PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
04:00			04:00					

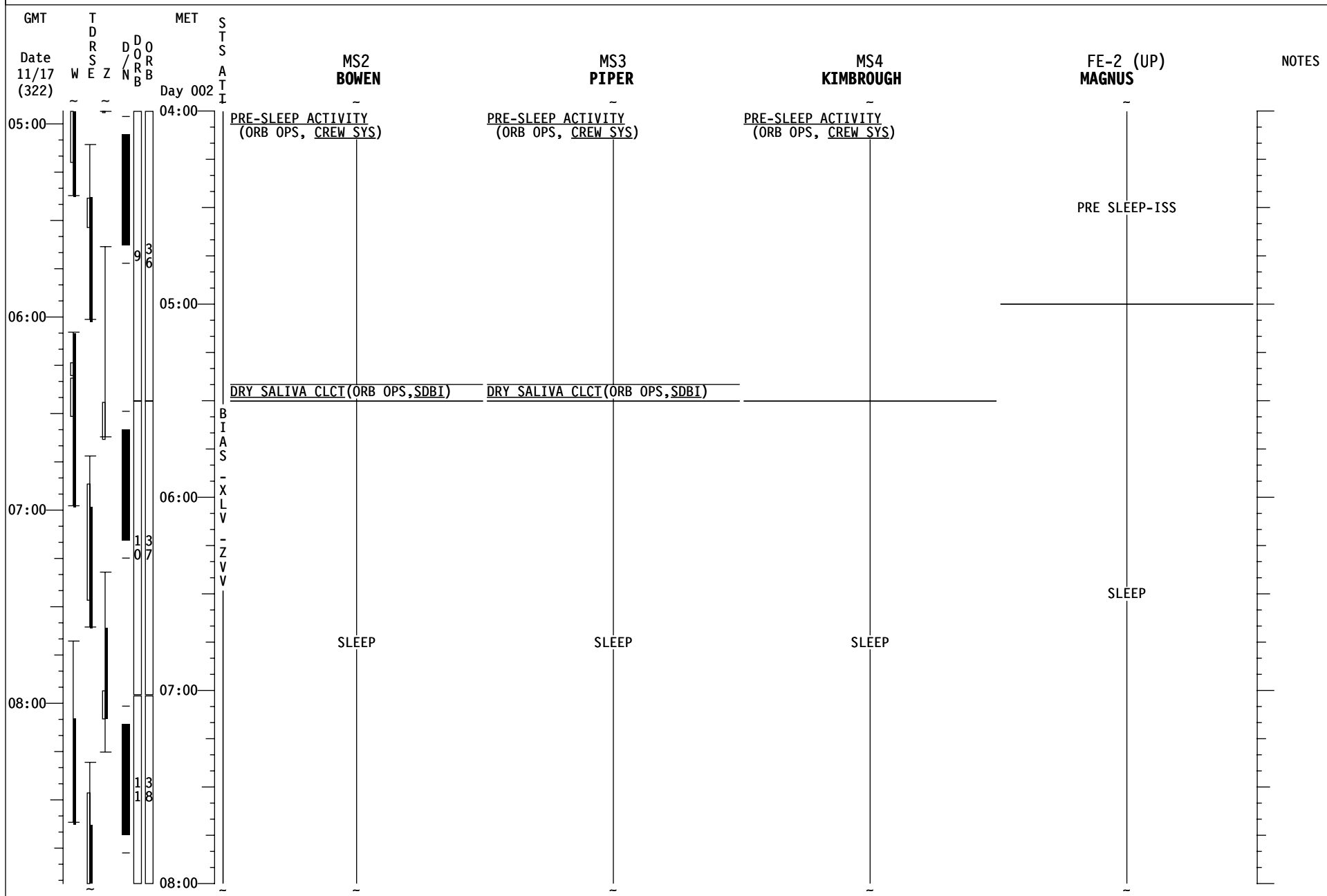
STS-126 FD (03)



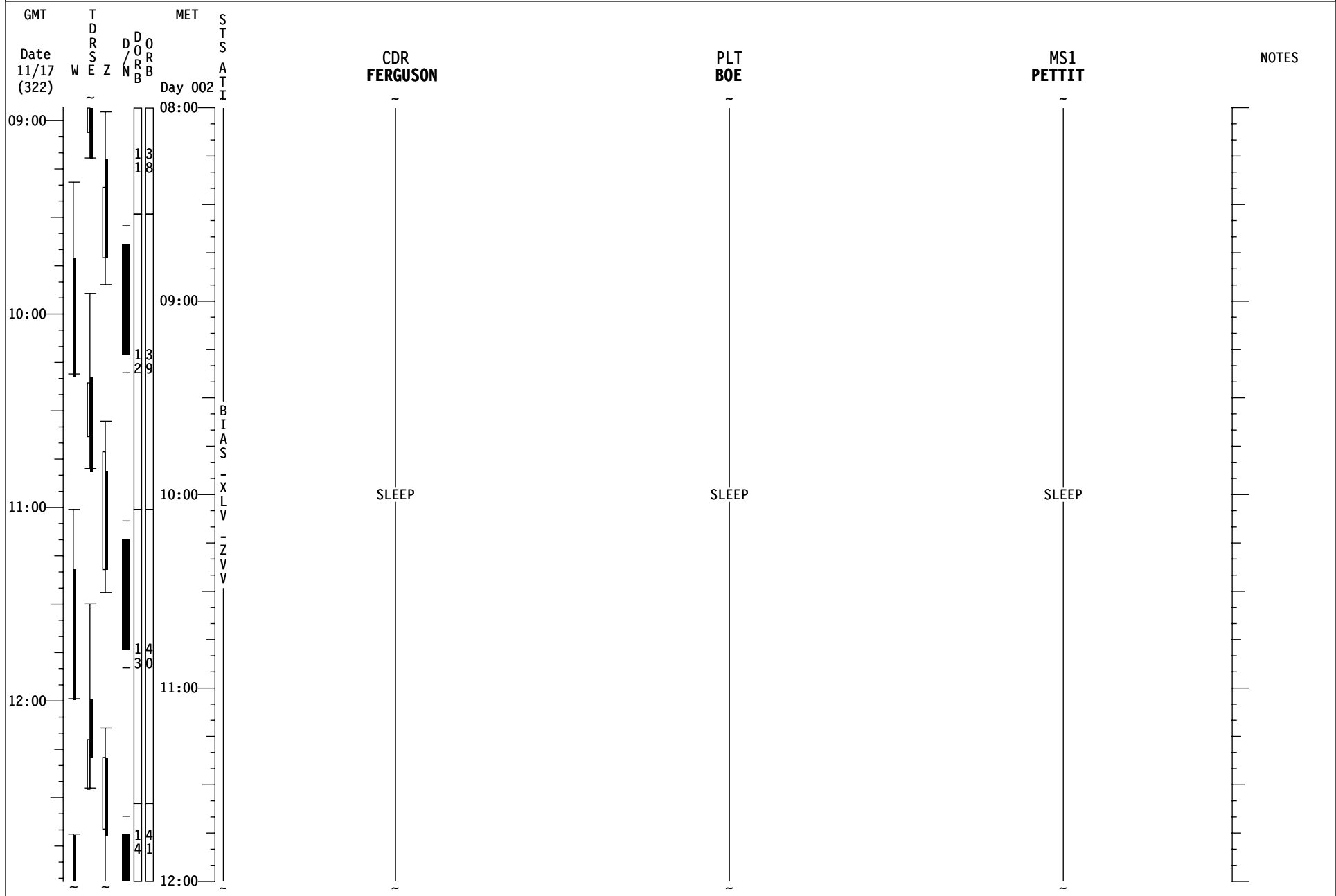
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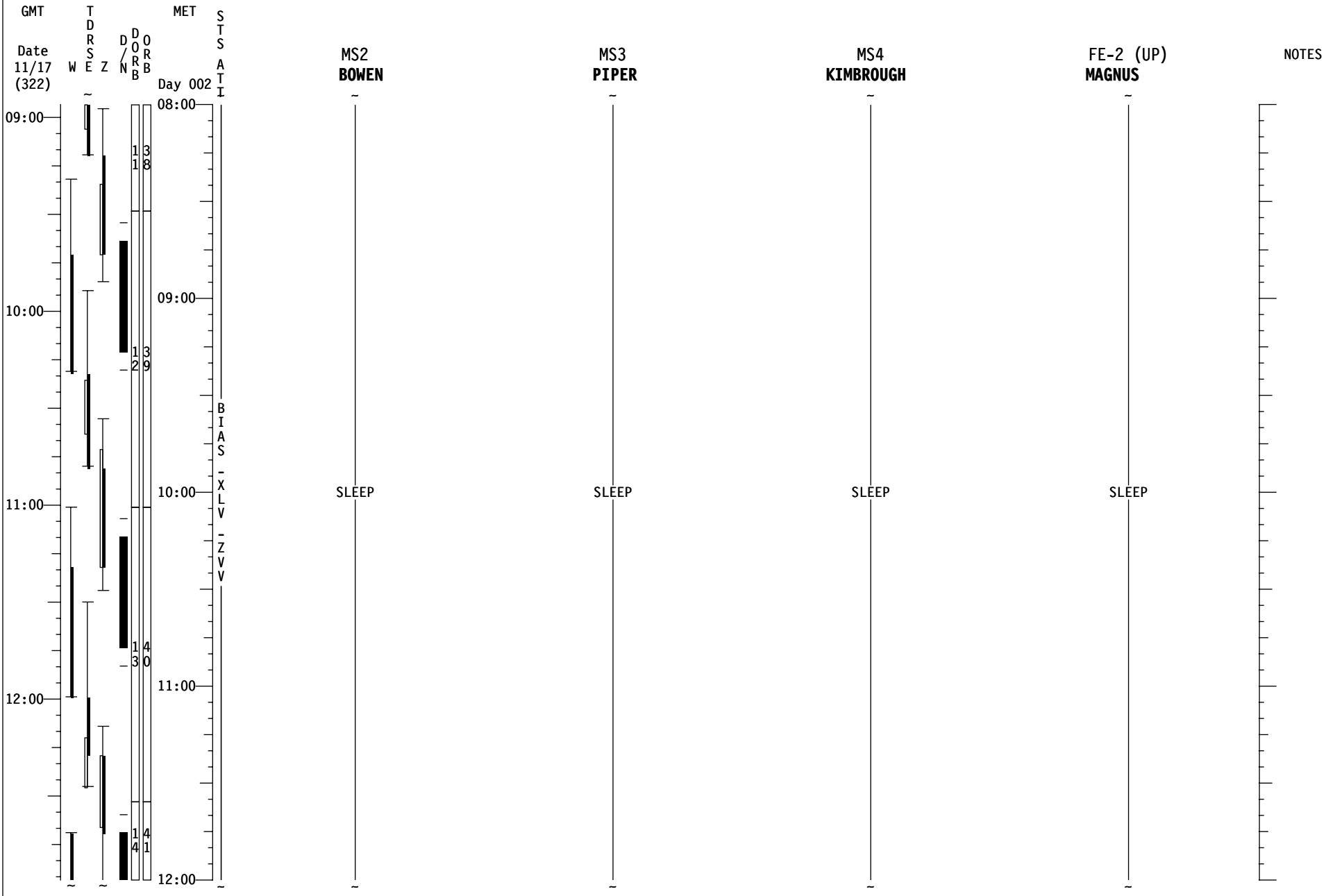
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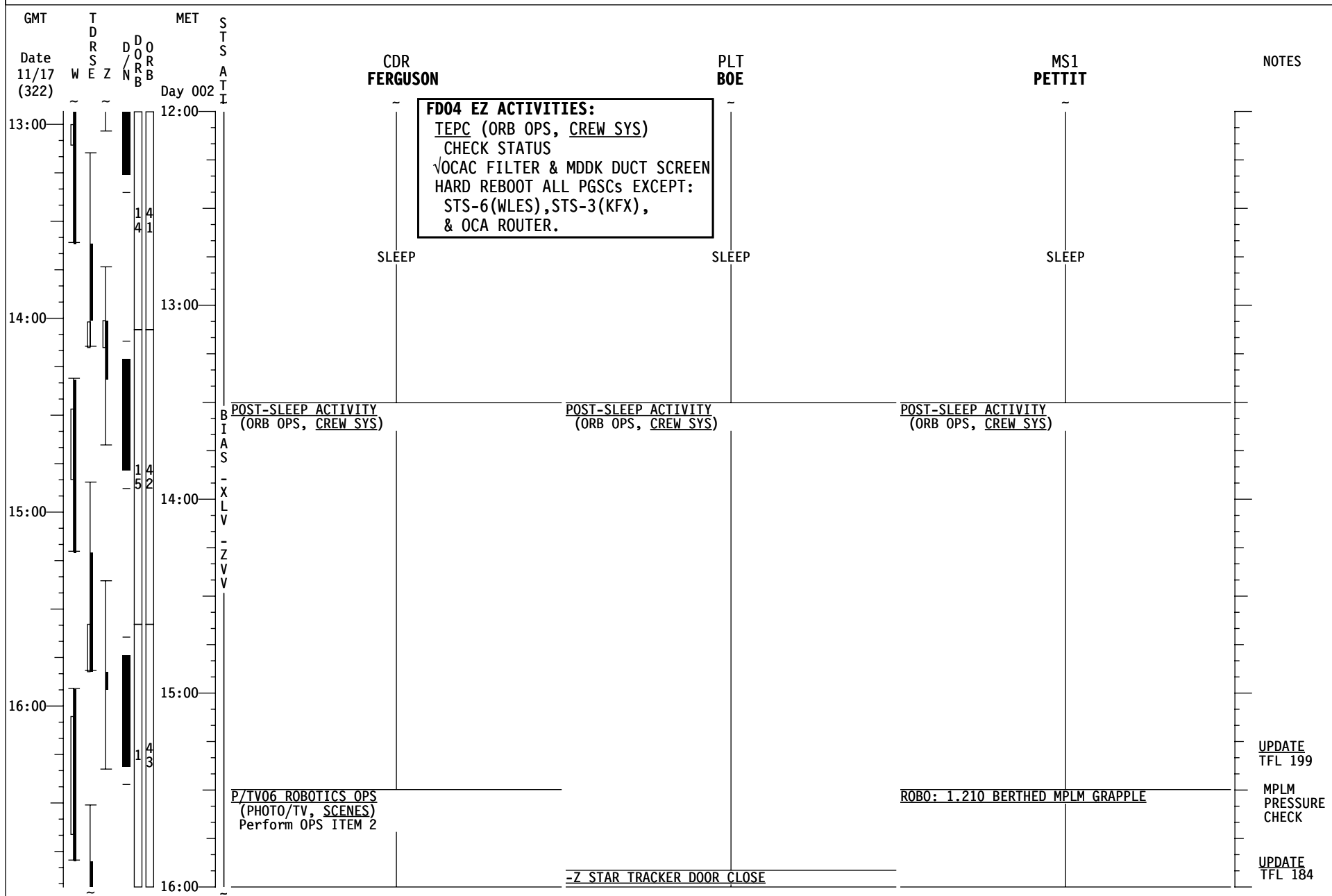
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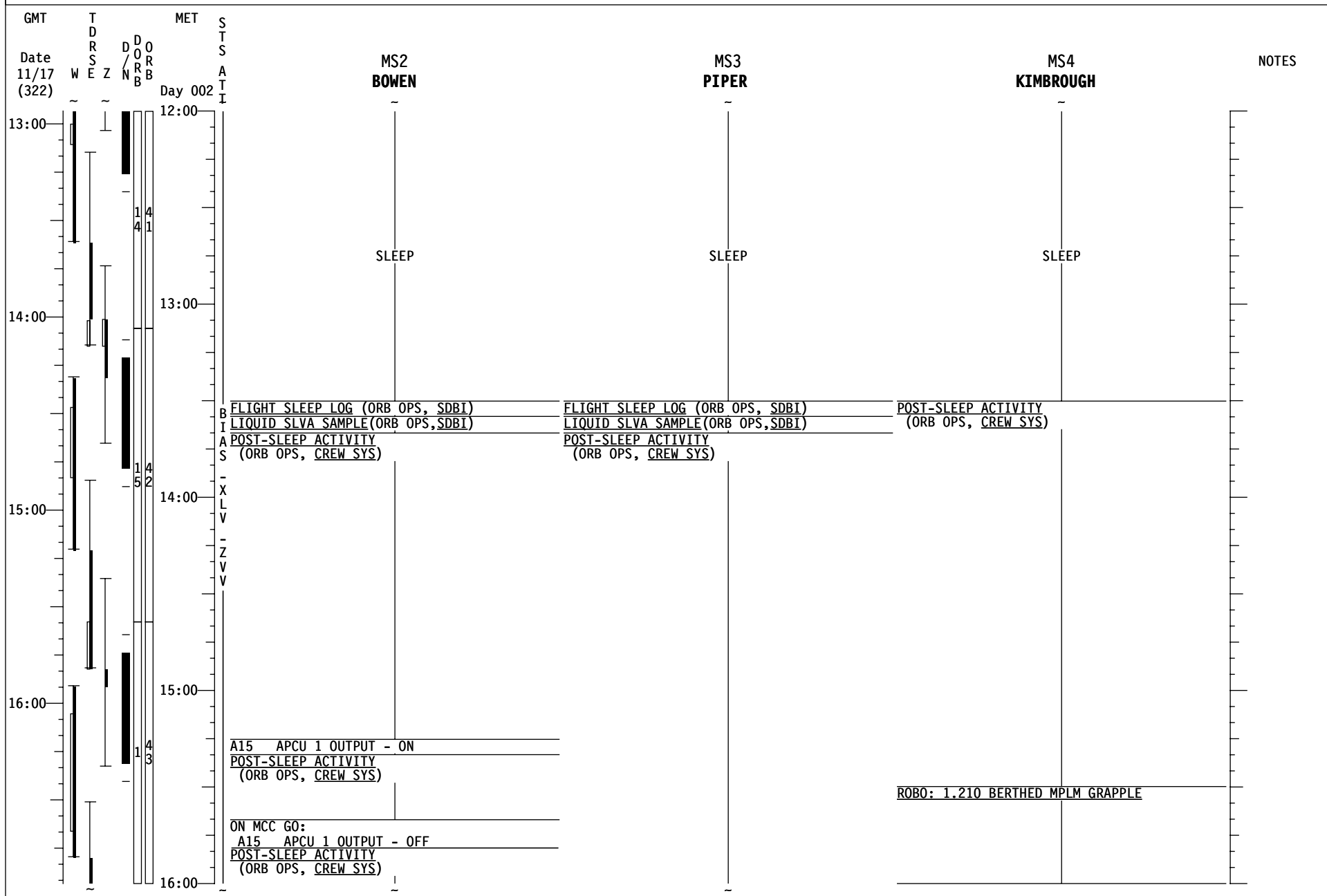
STS-126 FD (03)



STS-126 FD (04)



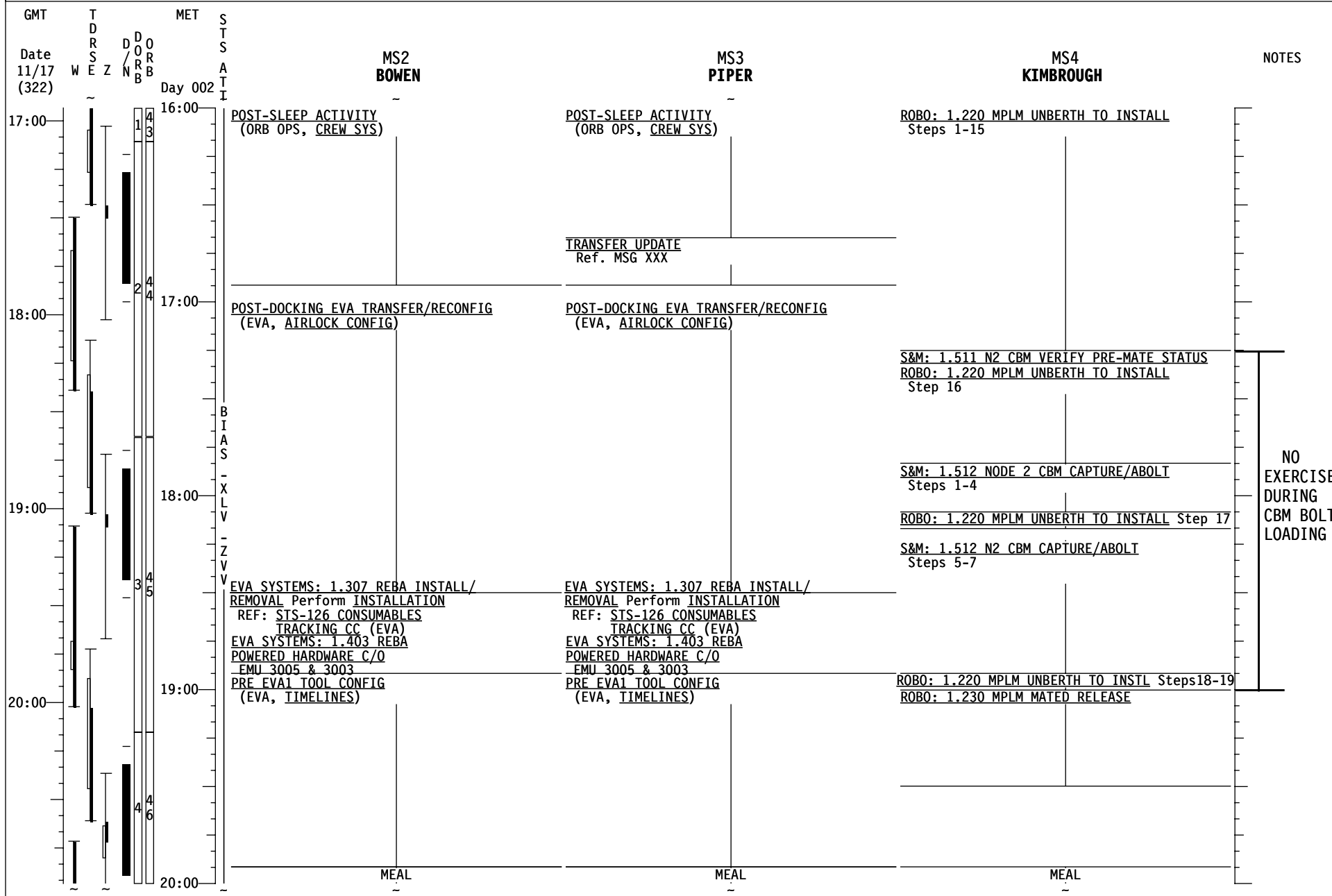
STS-126 FD (04)



STS-126 FD (04)

GMT	T D R S E Z W E Z	D O R B D O R B N B	MET Day 002	S T S A T T I	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
17:00		1 4 2 3	16:00		<u>ROBO: 1.220 MPLM Unberth to Install</u> Steps 4-8 <u>MDDK STATUS CHECK (ASSY OPS, P/L)</u>	<u>ROBO: 1.220 MPLM Unberth to Install</u> Steps 4-8 <u>P/TV06 ROBOTICS OPS</u> (PHOTO/TV, SCENES) ITEM 2	<u>ROBO: 1.220 MPLM UNBERTH TO INSTALL</u> Steps 1-15	
					EXERCISE			
18:00		2 4 3 4	17:00		<u>IMU STAR OF OPPTY ALIGN (ORB OPS,GNC)</u> <u>MIDDECK XFER</u> Ref. Middeck Transfer List		<u>ROBO: 1.220 MPLM UNBERTH TO INSTALL</u> Step 16	NO EXERCISE DURING CBM BOLT LOADING
							MEAL	
19:00		3 4 4 5	18:00				<u>ROBO: 1.220 MPLM UNBERTH TO INSTALL</u> Step 17	
							MEAL	
20:00		4 4 5 6	19:00		MEAL		<u>ROBO: 1.220 MPLM UNBERTH TO INSTL</u> Steps 18-19 <u>ROBO: 1.230 MPLM MATED RELEASE</u>	
						<u>P/TV06 ROBOTICS OPS</u> (PHOTO/TV, SCENES) Perform OPS ITEM 2		
						L17 Check MCIU filter screen		
20:00			20:00		<u>MPLM: 1.113 N2 TO MPLM VESTIBULE</u> <u>PRESSURIZATION AND LEAK CHECK</u> Verify CBM bolt loading complete prior to step 6. Leave ISA/VAJ connected in step 9.	<u>SHUTTLE/ISS H2O CNTR FILL</u> (ORB OPS, ECLS) INIT FILL #1 Ref. MSG XXX	<u>MPLM: 1.113 N2 TO MPLM VESTIBULE</u> <u>PRESSURIZATION AND LEAK CHECK</u> Verify CBM bolt loading complete prior to step 6. Leave ISA/VAJ connected in step 9.	

STS-126 FD (04)



STS-126 FD (04)

GMT Date 11/17 (322)	TDRS W E Z	DORB D N B	MET Day 002	STS A T I	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
21:00			20:00		<p><u>MPLM: 1.113 N2 TO MPLM VESTIBULE PRESSURIZATION AND LEAK CHECK</u> Verify CBM bolt loading complete prior to step 6. Leave ISA/VAJ connected in step 9.</p>	EXERCISE	<p><u>MPLM: 1.113 N2 TO MPLM VESTIBULE PRESSURIZATION AND LEAK CHECK</u> Verify CBM bolt loading complete prior to step 6. Leave ISA/VAJ connected in step 9.</p>	
22:00			21:00		<p><u>1.102 ULF2 MPLM VESTIBULE-CONFIGURE FOR INGRESS</u> (ASSY OPS, ACT & C/O)Steps 1-7</p>	<p><u>SHUTTLE/ISS H2O CNTR FILL</u> (ORB OPS, ECLS) Perform <u>FILL TERMINATION</u></p>	<p><u>1.102 ULF2 MPLM VESTIBULE-CONFIGURE FOR INGRESS</u> (ASSY OPS, ACT & C/O)Steps 1-7</p>	
23:00			22:00			<p>PUBLIC AFFAIRS EVENT Ref. MSG XXX ISS KU TDRX (XX:XX-XX:XX)</p>		
00:00			23:00		<p><u>MPLM: 1.103 MPLM ACTIVATION (PART 1)</u> Steps 1-2 and 5-8 after step 7 of 1.102 ULF2 MPLM Vestibule-Configure for Ingress has been completed.</p>	<p><u>SHUTTLE/ISS H2O CNTR FILL</u> (ORB OPS, ECLS)INIT FILL #2 Ref. MSG XXX</p> <p><u>MIDDECK XFER</u> Ref. Middeck Transfer List</p>	<p><u>1.102 ULF2 MPLM VESTIBULE-CONFIGURE FOR INGRESS</u> (ASSY OPS, ACT & C/O)Step 8</p>	
00:00			00:00		<p><u>1.102 ULF2 MPLM VESTIBULE-CONFIGURE FOR INGRESS</u> (ASSY OPS, ACT & C/O)Steps 9-10</p>	<p><u>SHUTTLE/ISS H2O CNTR FILL</u> (ORB OPS, ECLS) Perform <u>FILL TERMINATION</u></p> <p><u>CWC TRANSFER</u> Transfer 2 CWC to ISS</p>	<p><u>1.102 ULF2 MPLM VESTIBULE-CONFIGURE FOR INGRESS</u> (ASSY OPS, ACT & C/O)Steps 9-10</p>	

STS-126 FD (04)

GMT	TDRS W E Z	MET Day 002	S T S A T I	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	NOTES
21:00		20:00		MEAL	MEAL	MEAL	
22:00		21:00		<u>ULF2 J NOZZLE GREASE</u> <u>GUN PREP FOR EVA 1</u> (EVA, <u>TOOLS & STOWAGE</u>)	<u>P/TV05 ISS INTERNAL OPS</u> (PHOTO/TV, SCENES) SETUP PAO EVENT	<u>ULF2 J NOZZLE GREASE</u> <u>GUN PREP FOR EVA 1</u> (EVA, <u>TOOLS & STOWAGE</u>)	
23:00		22:00		PUBLIC AFFAIRS EVENT Ref. MSG XXX ISS KU TDRX (XX:XX-XX:XX)	EXERCISE	PUBLIC AFFAIRS EVENT Ref. MSG XXX ISS KU TDRX (XX:XX-XX:XX)	
00:00		23:00		EXERCISE	<u>JOINT OPS: 3.120 PREBREATHE USING</u> <u>SHUTTLE O2 SETUP</u> Steps 2-END	EXERCISE	
		00:00		<u>MIDDECK XFER</u> Ref. Middeck Transfer List			

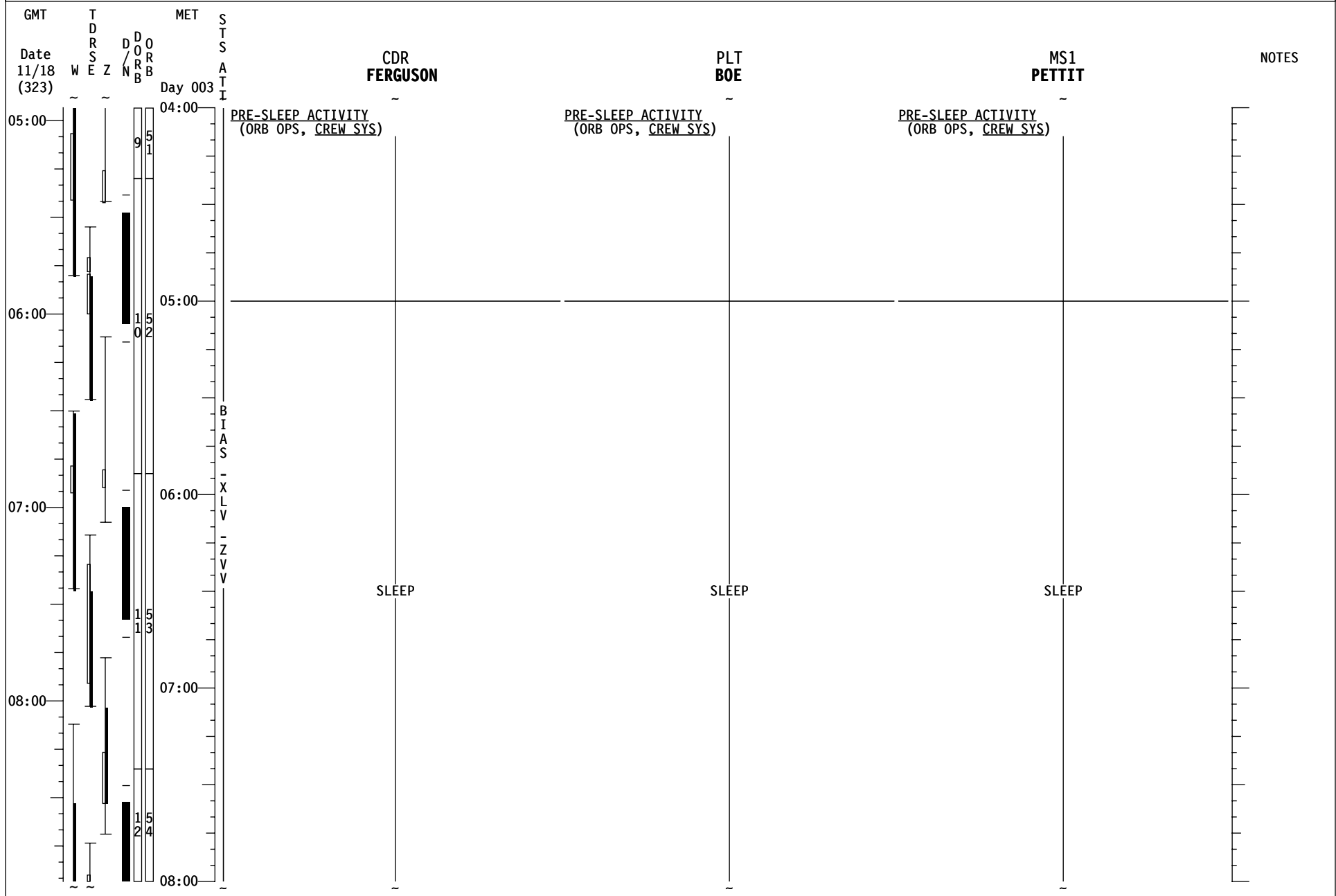
STS-126 FD (04)

GMT	T D R S E Z W ~ ~	D O R B D O R B N B	MET Day 003	S T S A T I	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
01:00			00:00		<u>1.102 ULF2 MPLM VESTIBULE- CONFIGURE FOR INGRESS</u> (ASSY OPS, ACT & C/O) Steps 9-10 <u>MPLM: 1.103 MPLM ACTIVATION (PART 2)</u> Step 9 <u>MPLM: 1.104 MPLM INGRESS</u> Steps 1-6 <u>EVA1 PROCEDURE REVIEW</u> Ref: <u>EVA1 BRIEFING CARD</u> (EVA, TIMELINES)	<u>TRANSFER TAGUP</u> Coordinate with xfer counterpart <u>TRANSFER BRIEF</u> Call down status to MCC <u>EVA1 PROCEDURE REVIEW</u> Ref: <u>EVA1 BRIEFING CARD</u> (EVA, TIMELINES)	<u>1.102 ULF2 MPLM VESTIBULE- CONFIGURE FOR INGRESS</u> (ASSY OPS, ACT & C/O) Steps 9-10 <u>ASSY OPS: 1.102 ULF2 MPLM VESTIBULE-CONFIGURE FOR INGRESS</u> Steps 11-14 <u>MPLM: 1.104 MPLM INGRESS</u> Steps 1-6 <u>EVA1 PROCEDURE REVIEW</u> Ref: <u>EVA1 BRIEFING CARD</u> (EVA, TIMELINES)	
02:00			01:00					
03:00			02:00		X <u>MUS LOG (ASSY OPS, PAYLOADS)</u> L <u>PRE-SLEEP ACTIVITY</u> V (ORB OPS, CREW SYS)	<u>MPLM SETUP FOR TRANSFER</u> Ref: MPLM Resupply TL items:100-105 <u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	
04:00			03:00		PRIVATE MEDICAL CONFERENCE (A/G) <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)			
04:00			04:00					

STS-126 FD (04)

GMT	T D R S E Z W E Z	D O R B D O R B	MET Day 003	S T S A T I	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	NOTES
01:00			00:00		<u>EVA SYSTEMS: 1.305 EQUIPMENT</u> <u>LOCK PREP</u> Steps 1-3 not req'd Ref: <u>STS-126 CONSUMABLES</u> <u>TRACKING CC (EVA)</u>	<u>EVA SYSTEMS: 1.305 EQUIPMENT</u> <u>LOCK PREP</u> Steps 1-3 not req'd Ref: <u>STS-126 CONSUMABLES</u> <u>TRACKING CC (EVA)</u>	<u>TRANSFER TAGUP</u> Coordinate with xfer counterpart	
					<u>MOP QUESTIONNAIRE</u> (ASSY OPS, PAYLOADS)	<u>MOP QUESTIONNAIRE</u> (ASSY OPS, PAYLOADS)	<u>MDDK STATUS CHECK (ASSY OPS, P/L)</u> <u>MOP QUESTIONNAIRE</u> (ASSY OPS, PAYLOADS)	
02:00			01:00		<u>EVA1 PROCEDURE REVIEW</u> Ref: <u>EVA1 BRIEFING CARD</u> (EVA, TIMELINES)	<u>EVA1 PROCEDURE REVIEW</u> Ref: <u>EVA1 BRIEFING CARD</u> (EVA, TIMELINES)	<u>EVA1 PROCEDURE REVIEW</u> Ref: <u>EVA1 BRIEFING CARD</u> (EVA, TIMELINES)	
					B I A S X L V Z V V			
03:00			02:00		<u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	
04:00			03:00		<u>EVA SYSTEMS: 1.206 10.2 PSIA</u> <u>CAMPOUT MASK PREBREATHE</u> REF: <u>PRE EVA 1 TOOL CONFIG</u> (EVA, TIMELINES) REF: <u>STS-126 CONSUMABLES</u> <u>TRACKING CC (EVA)</u>	<u>EVA SYSTEMS: 1.206 10.2 PSIA</u> <u>CAMPOUT MASK PREBREATHE</u> REF: <u>PRE EVA 1 TOOL CONFIG</u> (EVA, TIMELINES) REF: <u>STS-126 CONSUMABLES</u> <u>TRACKING CC (EVA)</u>		
			04:00					

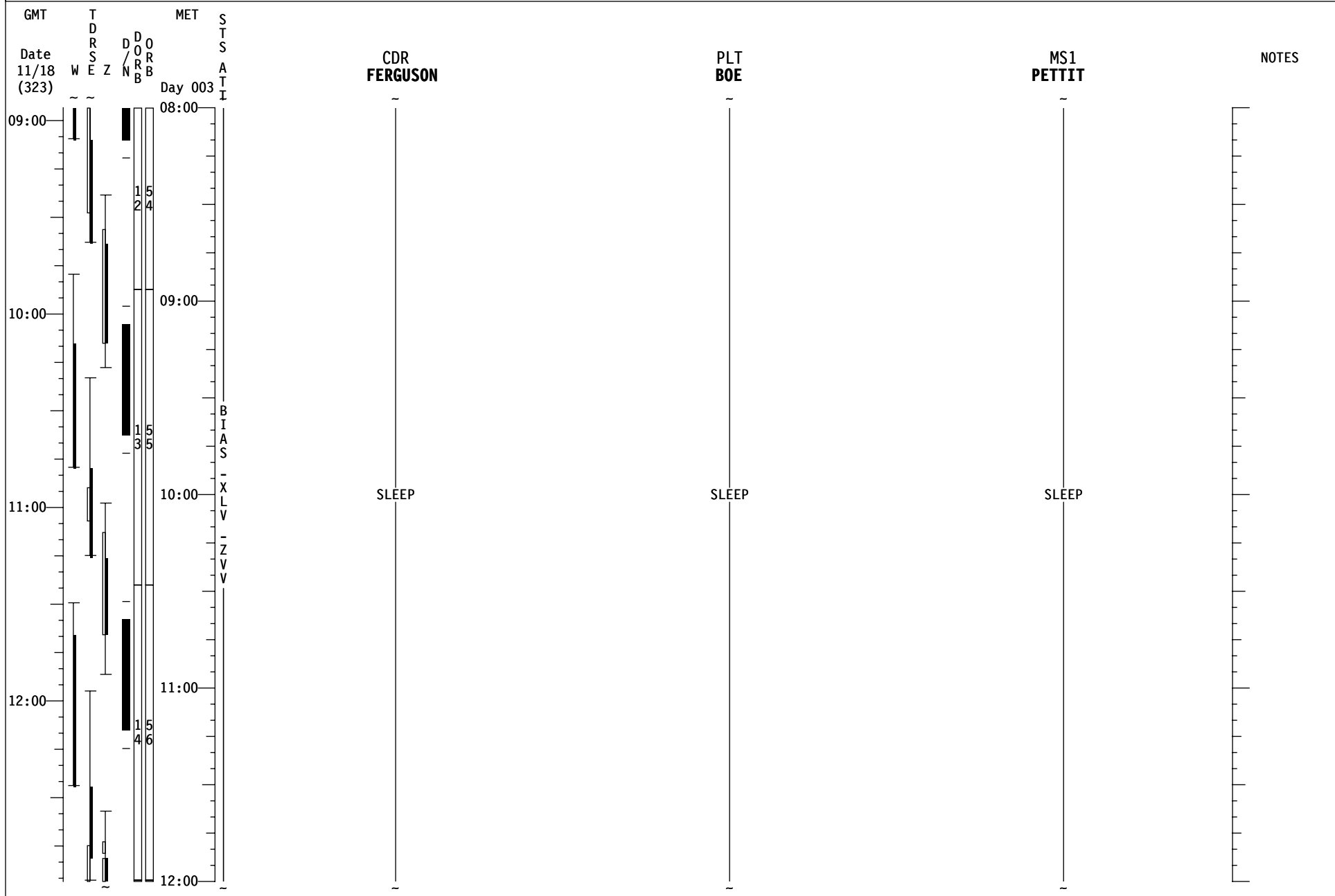
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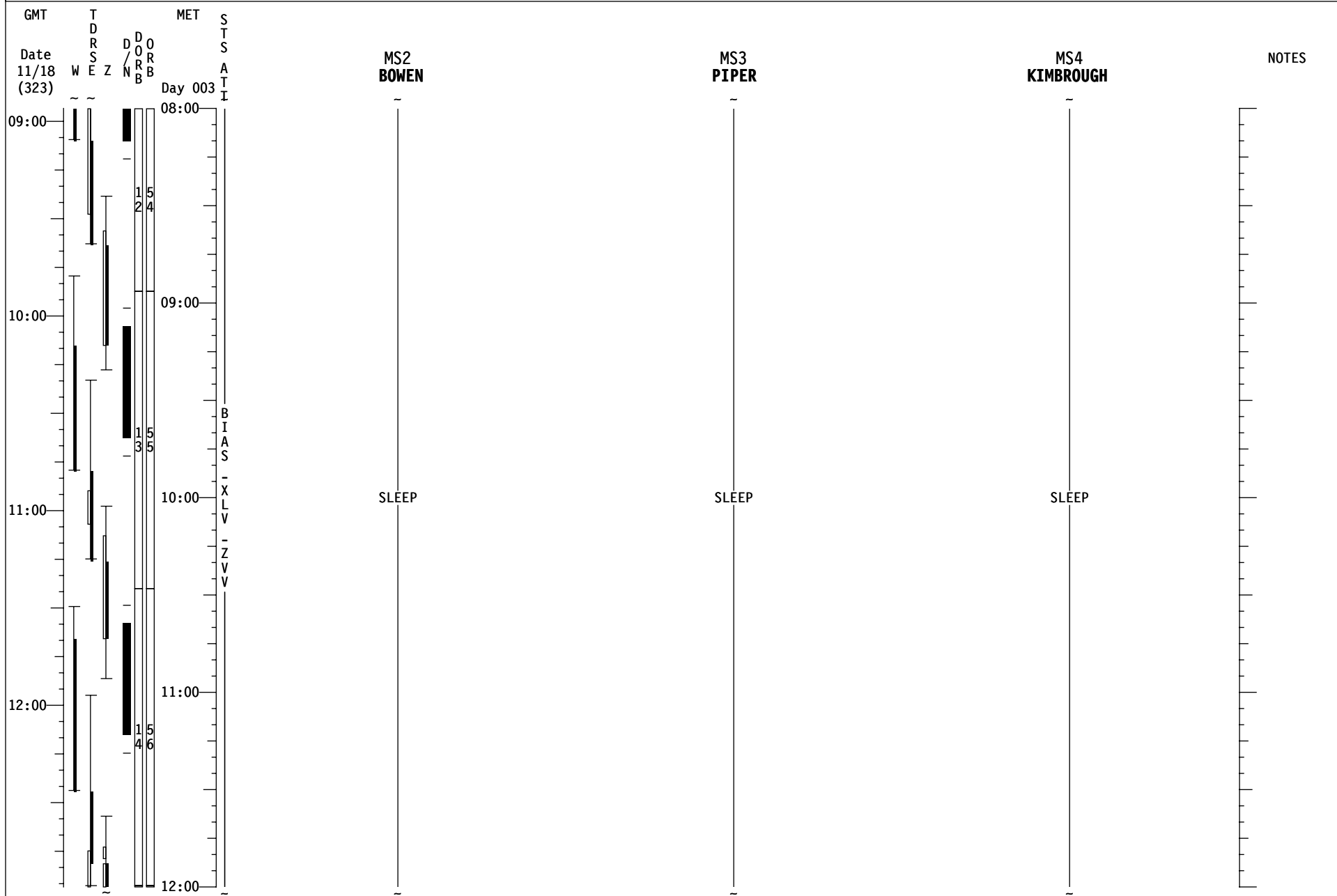
STS-126 FD (04)

GMT	TDRS WSEZ	MET Day 003	S T S A T I	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	NOTES
Date 11/18 (323)	D O R B N B	04:00 05:00 06:00 07:00 08:00	951 152 153 154	EVA SYSTEMS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE REF: PRE EVA 1 TOOL CONFIG (EVA, TIMELINES) REF: STS-126 CONSUMBALES TRACKING CC (EVA) PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	EVA SYSTEMS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE REF: PRE EVA 1 TOOL CONFIG (EVA, TIMELINES) REF: STS-126 CONSUMBALES TRACKING CC (EVA) PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
			B I A S - X L V - Z V V	SLEEP	SLEEP	SLEEP	

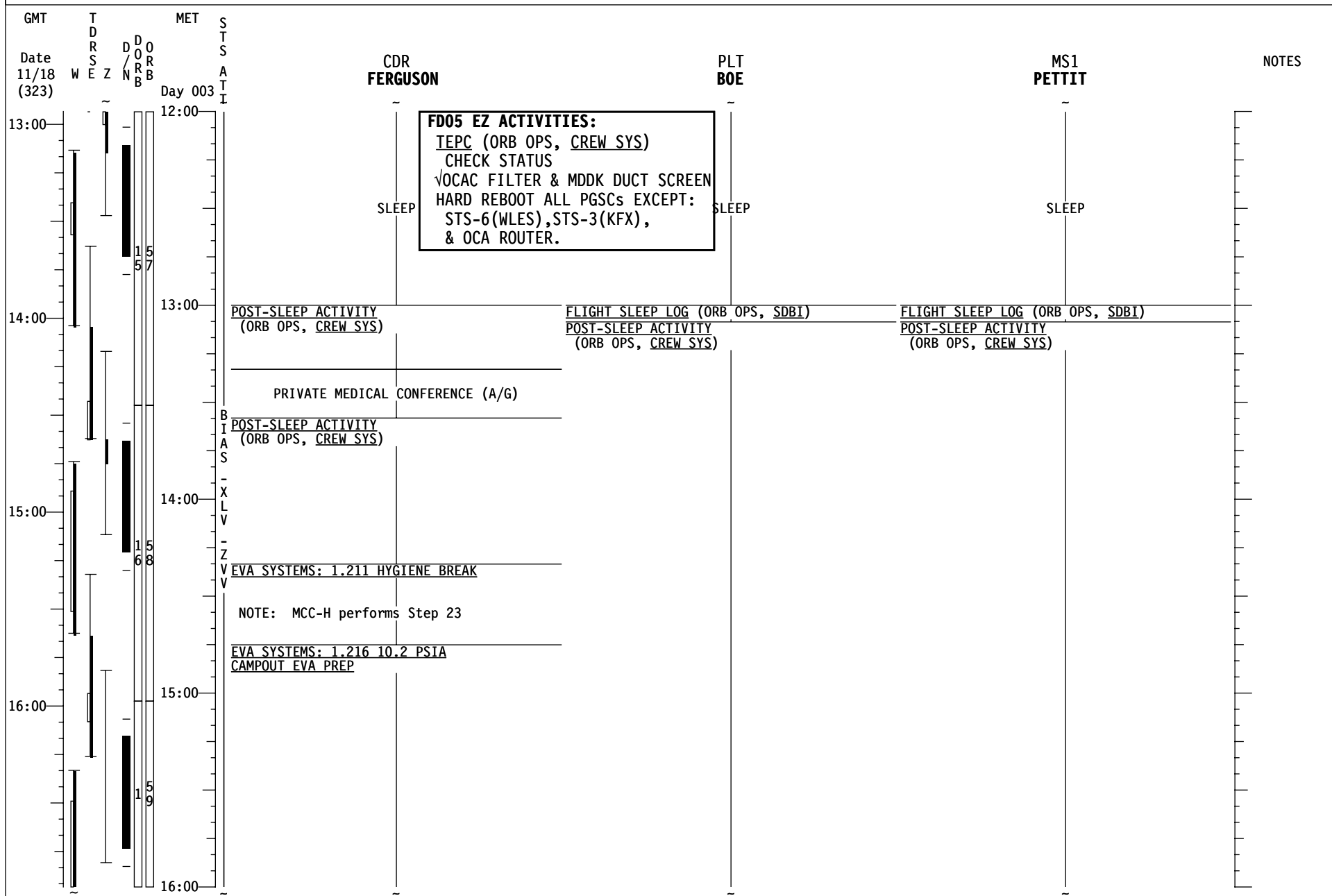
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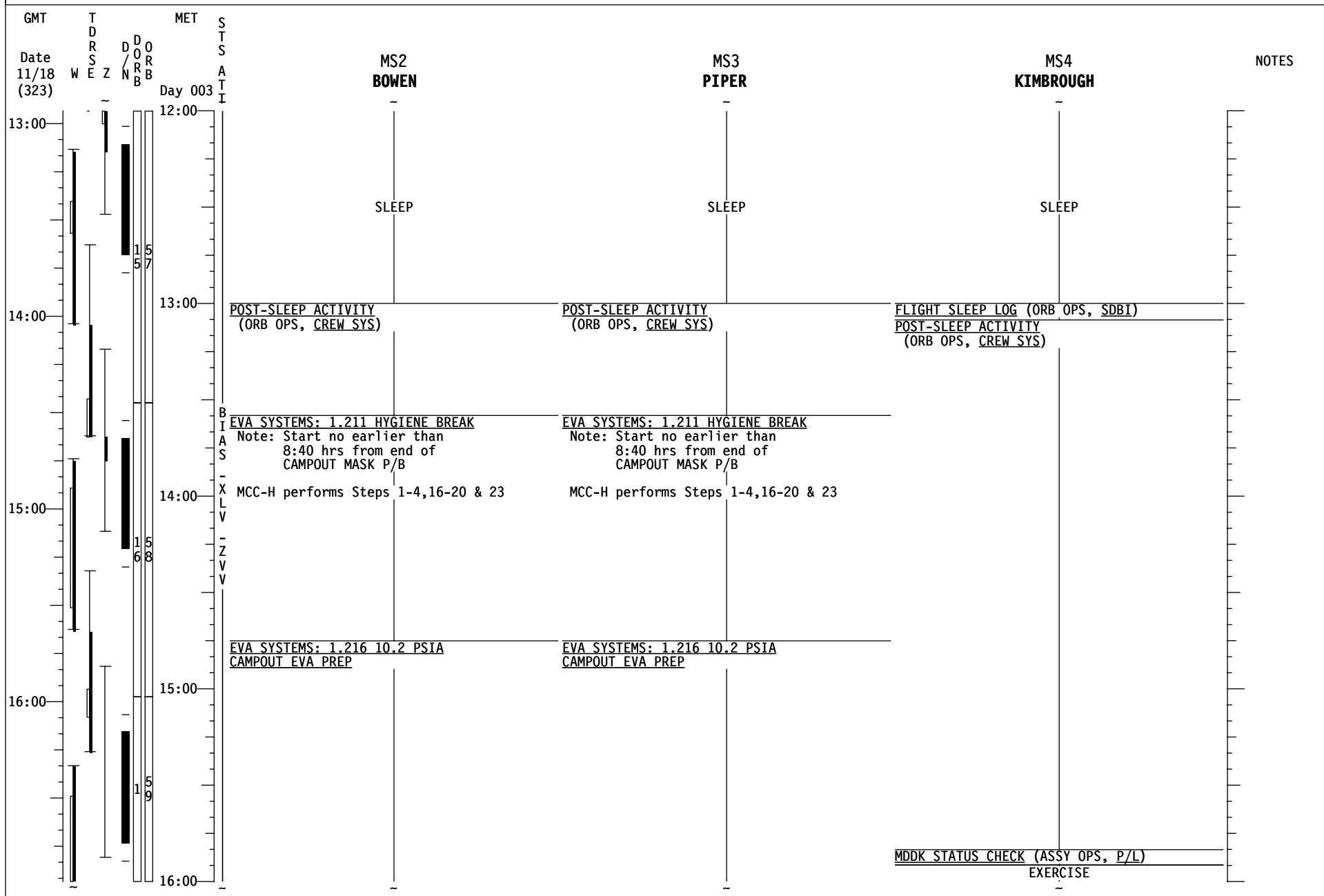
STS-126 FD (04)



STS-126 FD (05)



STS-126 FD (05)

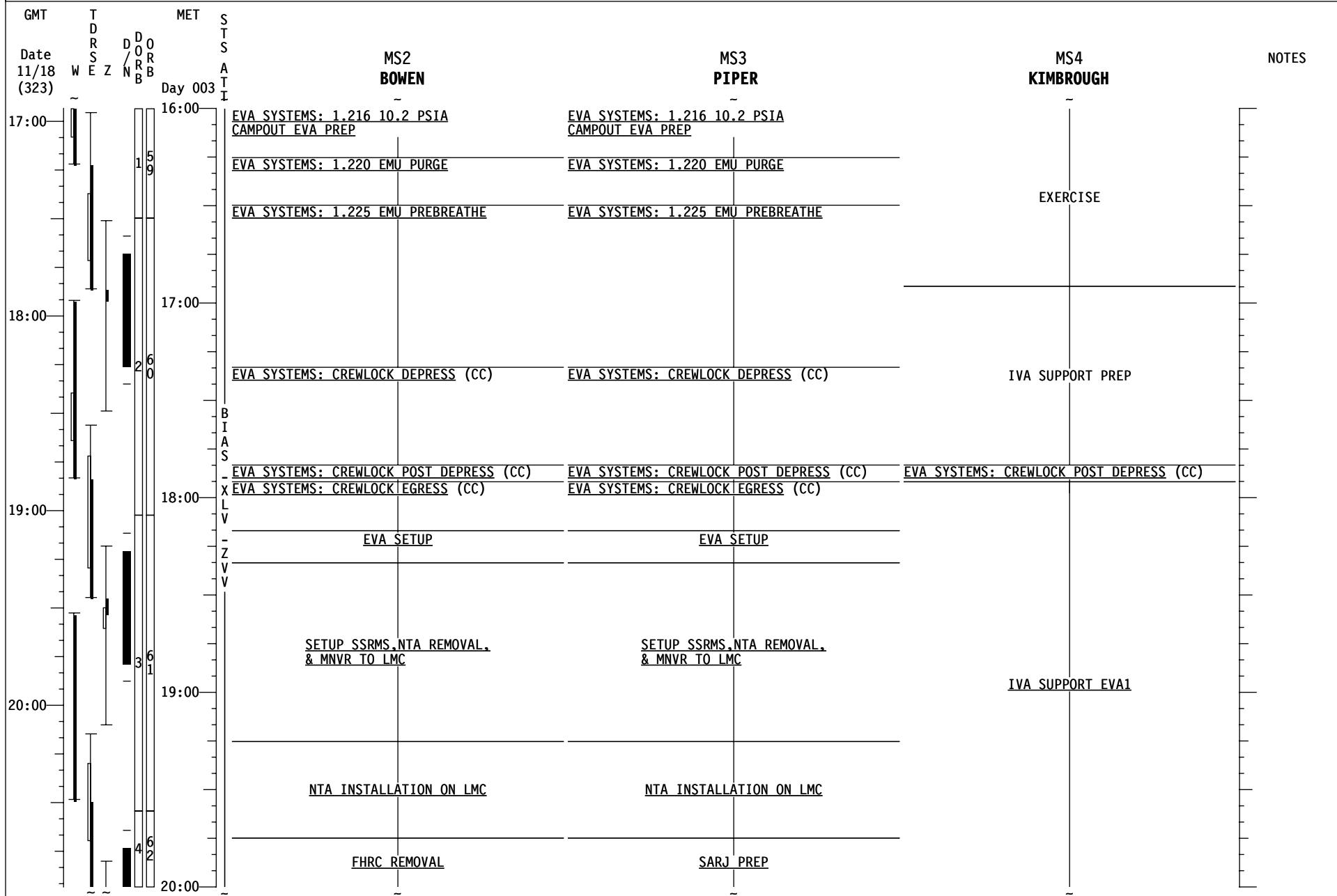


STS-126 FD (05)

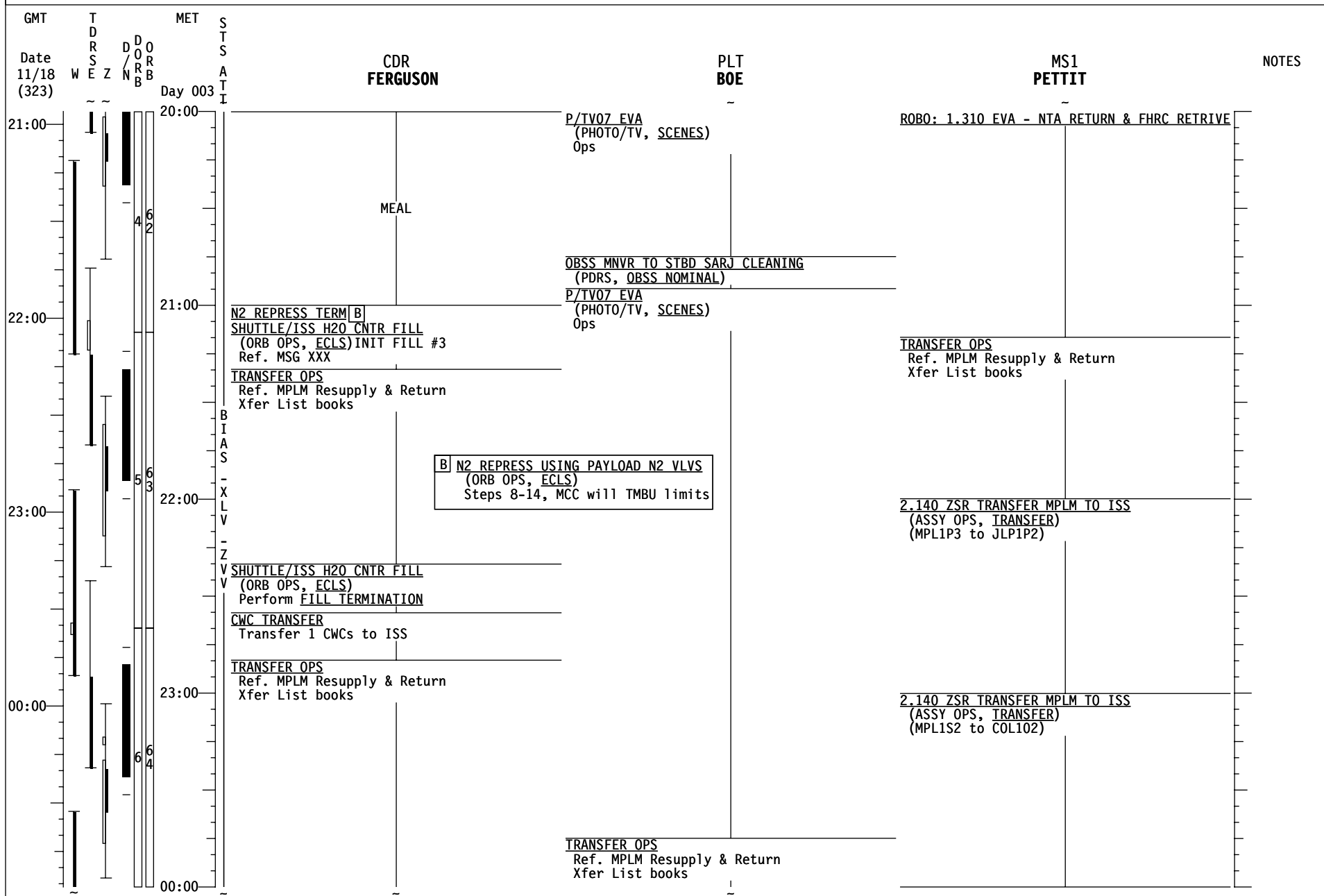
GMT	TDRS W E Z	MET Day 003	S T S A T I	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
17:00	~	16:00		<u>EVA SYSTEMS: 1.216 10.2 PSIA</u> <u>CAMPOUT EVA PREP</u>	<u>POST-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>POST-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	
				<u>EVA SYSTEMS: 1.220 EMU PURGE</u>		<u>TRANSFER UPDATE</u> Ref. MSG XXX	
				<u>EVA SYSTEMS: 1.225 EMU PREBREATHE</u>		<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	
18:00		17:00			EXERCISE		
				<u>EVA SYSTEMS: CREWLOCK DEPRESS (CC)</u>		<u>ROBO: 1.310 EVA - NTA RETURN & FHRC RETRIVE</u>	
					<u>P/TV07 EVA</u> (PHOTO/TV, SCENES) Setup		
19:00		18:00		EXERCISE			
					<u>P/TV07 EVA</u> (PHOTO/TV, SCENES) Ops		
				<u>IMU STAR OF OPPTY ALIGN (ORB OPS,GNC)</u> <u>N2 REPRESS INIT [A]</u>			
20:00		19:00		<u>FILTER CLEANING</u> (IFM, SCHEDULED MAINTENANCE) Inspect filters and clean as necessary			
						<div style="border: 1px solid black; padding: 2px;"> A) N2 REPRESS USING PAYLOAD N2 VLVS (ORB OPS, ECLS) Steps 1-7, MCC will TMBU limits </div>	
20:00		20:00					

UPLINK
 β21 ONLY
 Box 40,41,
 61

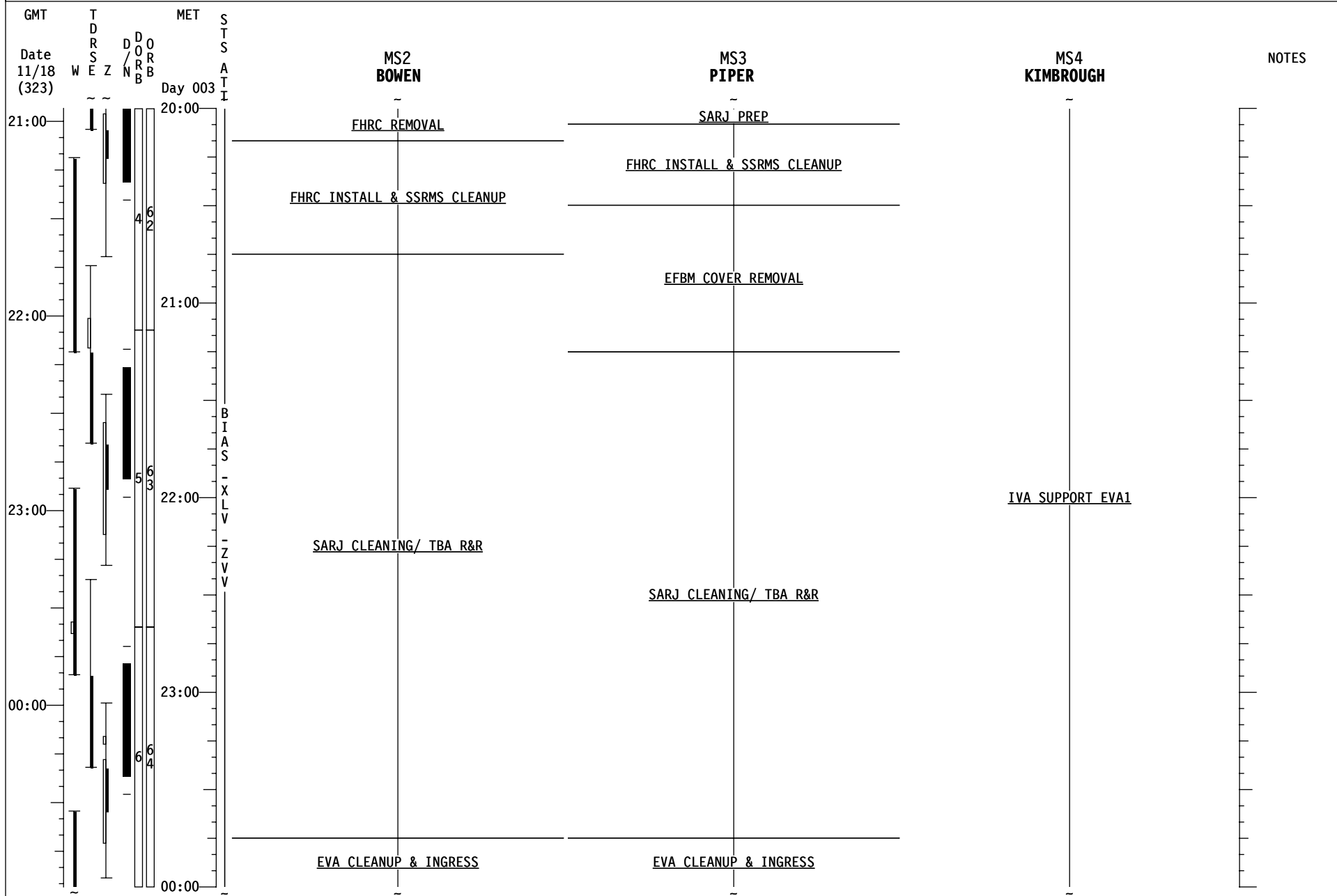
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STS-126 FD (05)



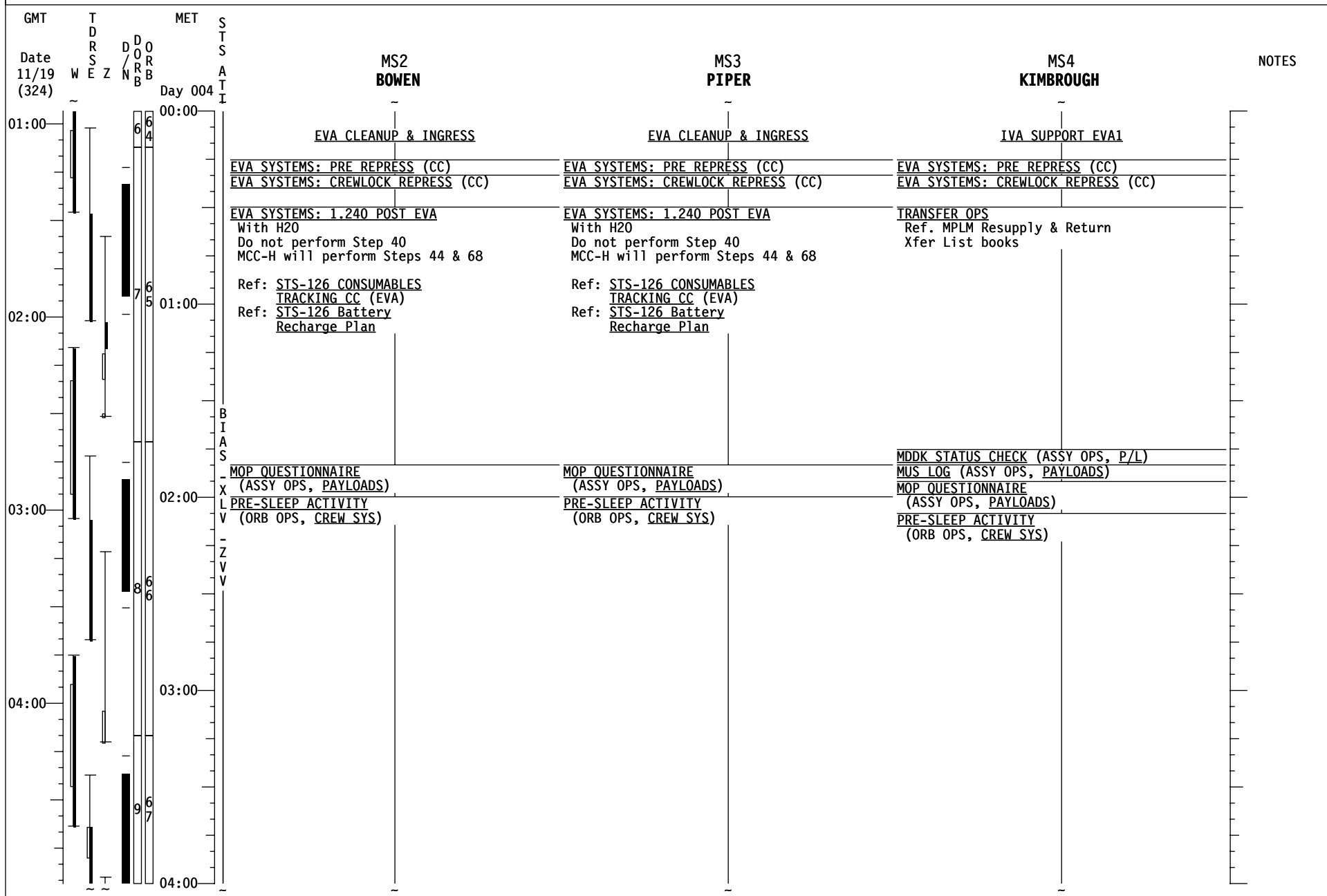
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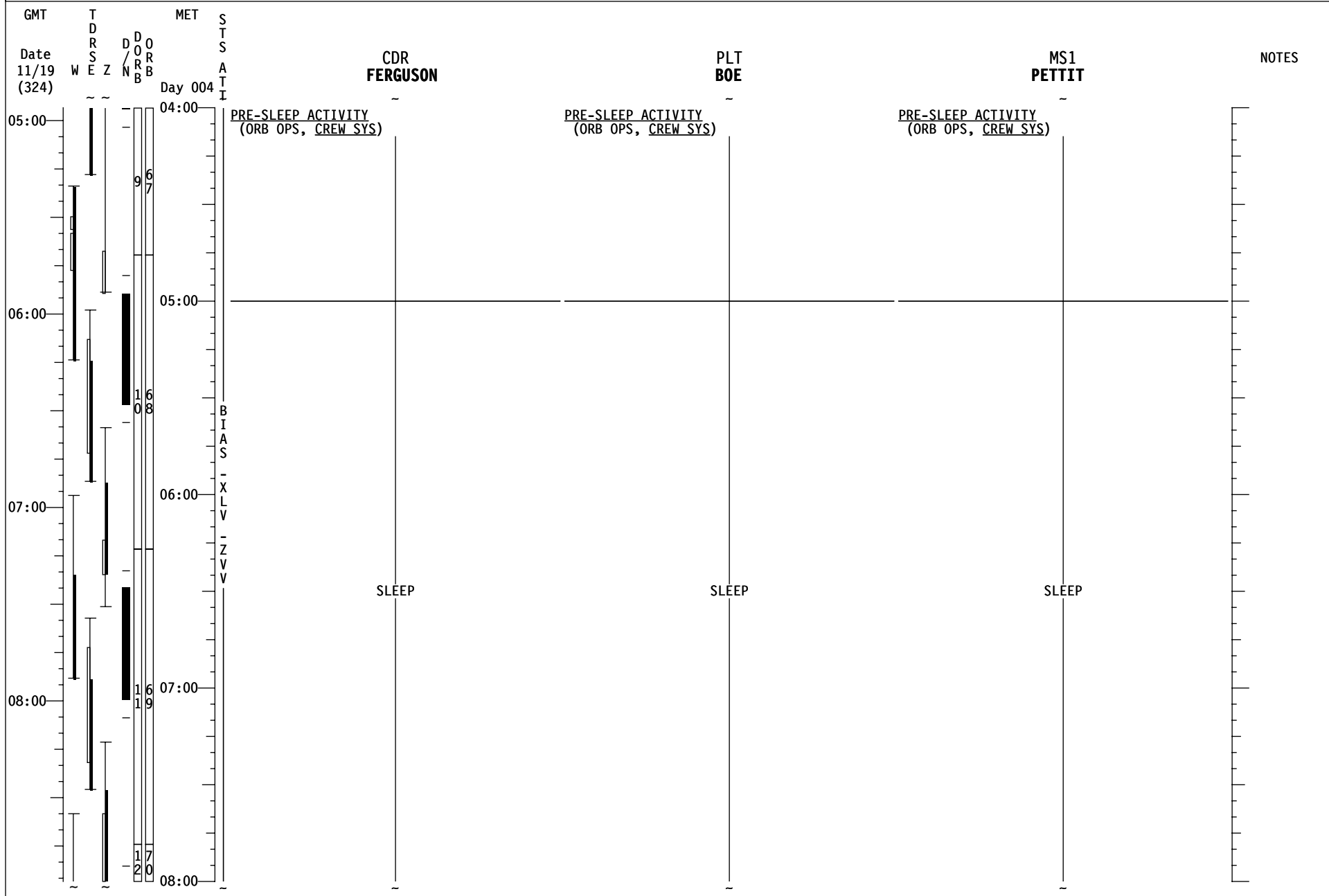
STS-126 FD (05)

GMT	TDRSEZ	MET	SATS	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
Date 11/19 (324)	W E Z	Day 004	DOORB				
01:00		00:00	64	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books <hr/> <u>EVA SYSTEMS: PRE REPRESS (CC)</u> <u>EVA SYSTEMS: CREWLOCK REPRESS (CC)</u> <hr/> <u>EVA SYSTEMS: 1.240 POST EVA</u> With H2O Do not perform Step 40 MCC-H will perform Steps 44 & 68 Ref: <u>STS-126 CONSUMABLES TRACKING CC (EVA)</u> Ref: <u>STS-126 Battery Recharge Plan</u>	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	<u>2.140 ZSR TRANSFER MPLM TO ISS</u> (ASSY OPS, TRANSFER) (MPLMS4 to JPMIA1)	UPLINK β21 ONLY Box 40,41, 60
02:00		01:00	65			EXERCISE	
03:00		02:00	66	B I A S <hr/> <u>EVA SYSTEMS: 1.510 METOX REGENERATION (Initiate)</u> MCC-H will perform Step 1 if req'd L <u>TRANSFER TAGUP</u> V Coordinate with xfer counterpart <hr/> Z R1 PL AFT MNC - ON V <u>MUS LOG (ASSY OPS, PAYLOADS)</u> V <u>PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)</u>	<hr/> <u>TV (ILLUMINATOR OPS) (PHOTO/TV, CC)</u> ILLUMINATORS ON - A,D <hr/> <u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)</u>	<hr/> <u>TRANSFER TAGUP</u> Coordinate with xfer counterpart <hr/> <u>TRANSFER BRIEF</u> Call down status to MCC <hr/> <u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)</u>	
04:00		03:00	67	PRIVATE MEDICAL CONFERENCE (A/G) <hr/> <u>PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)</u>			
		04:00	67				

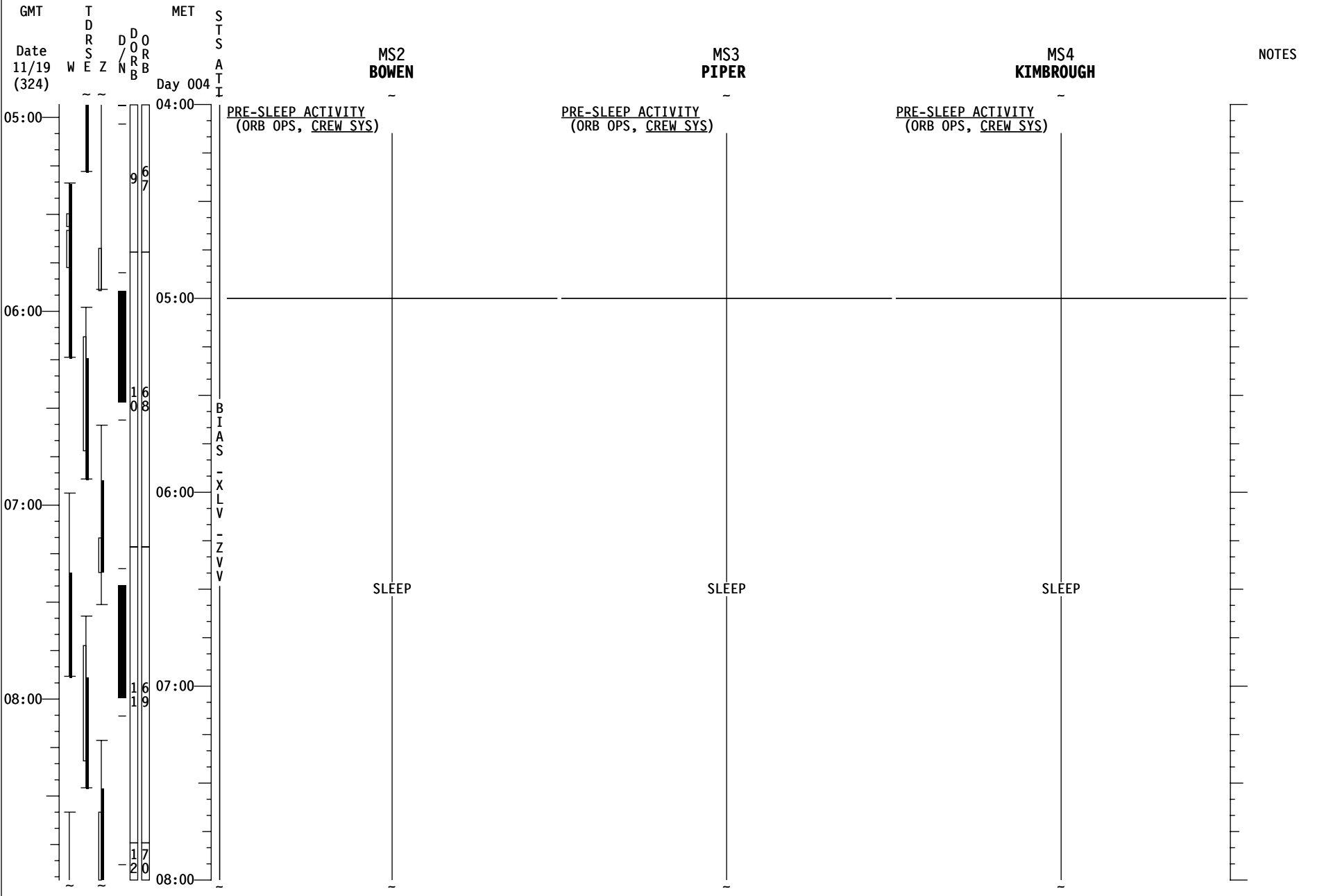
STS-126 FD (05)



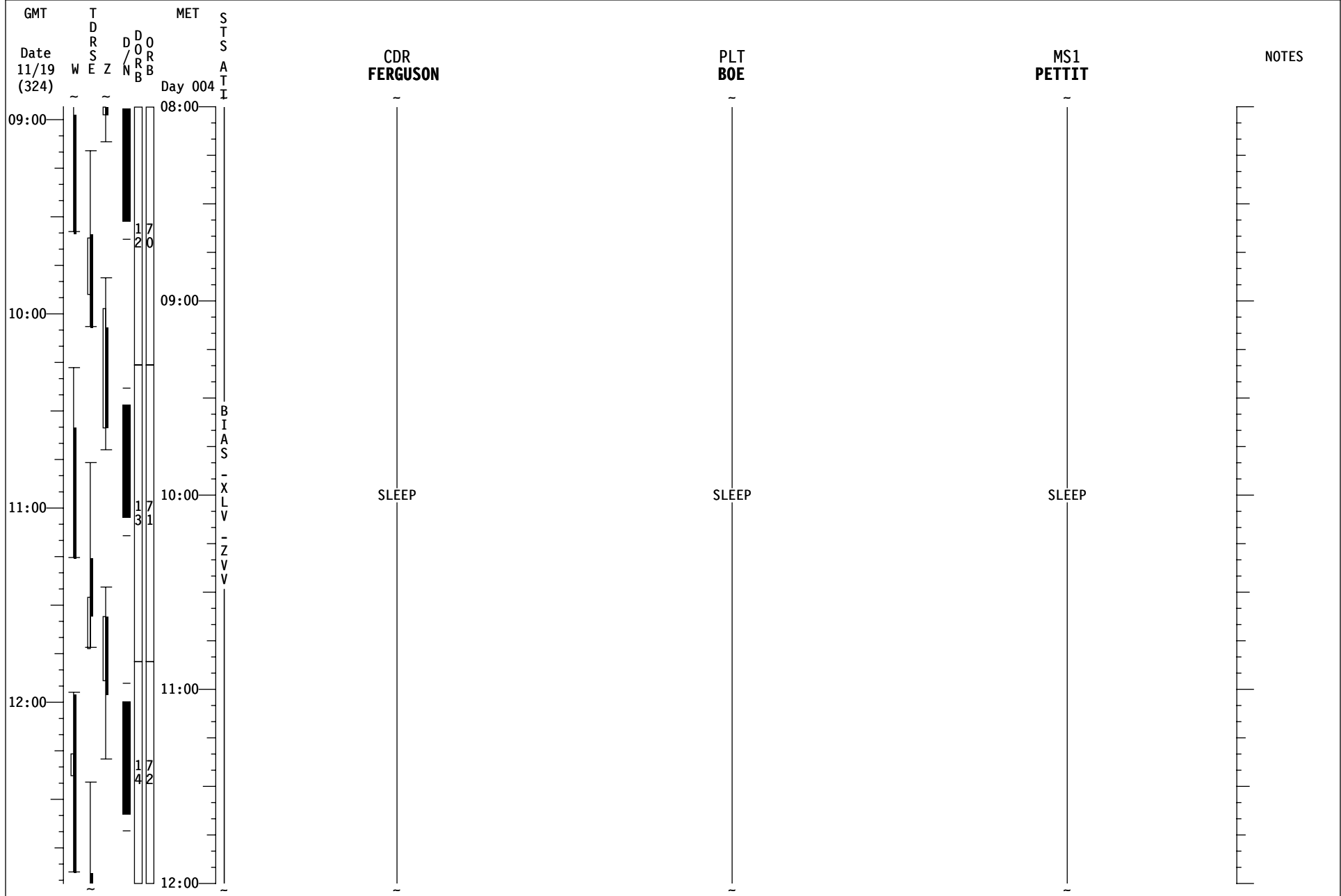
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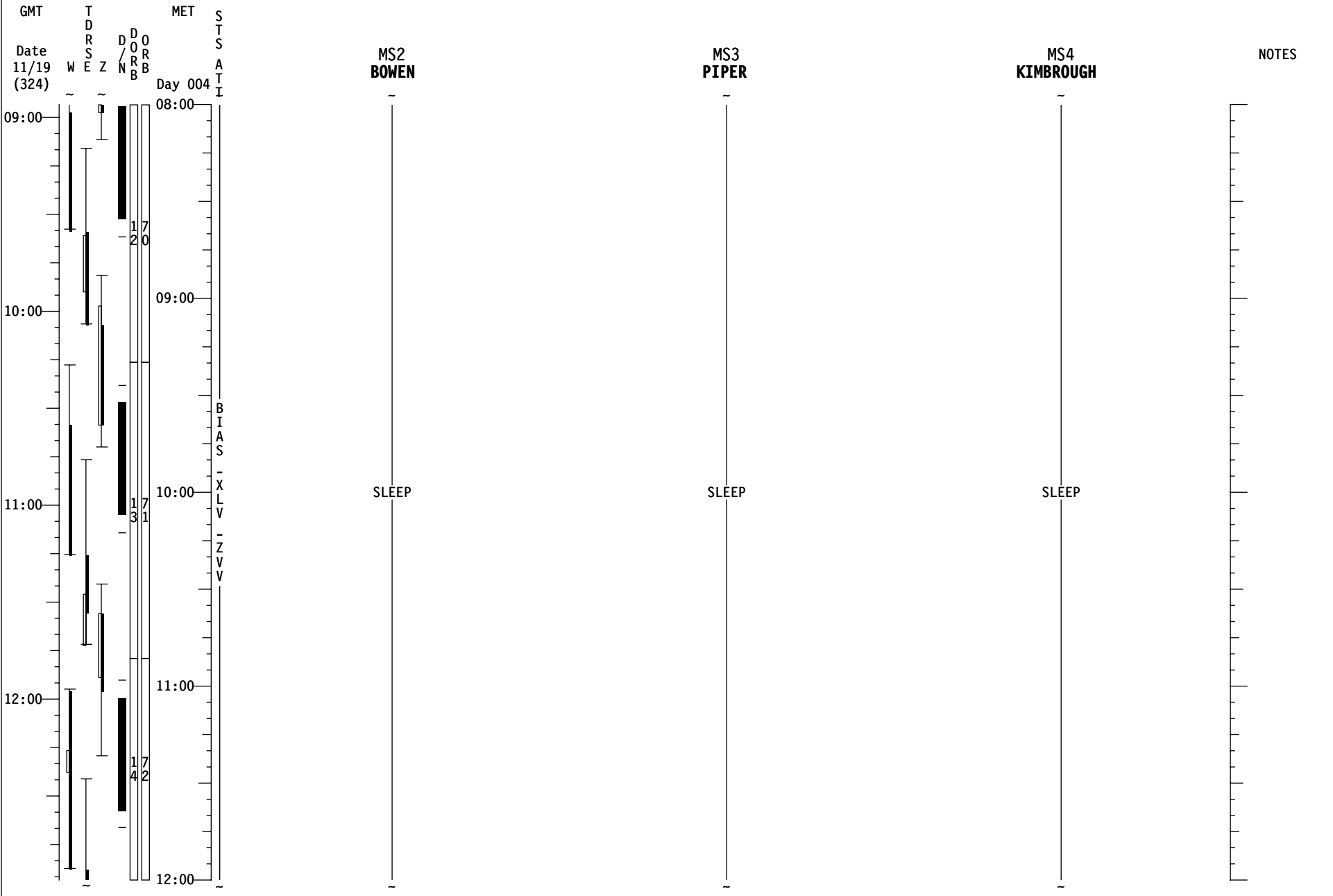
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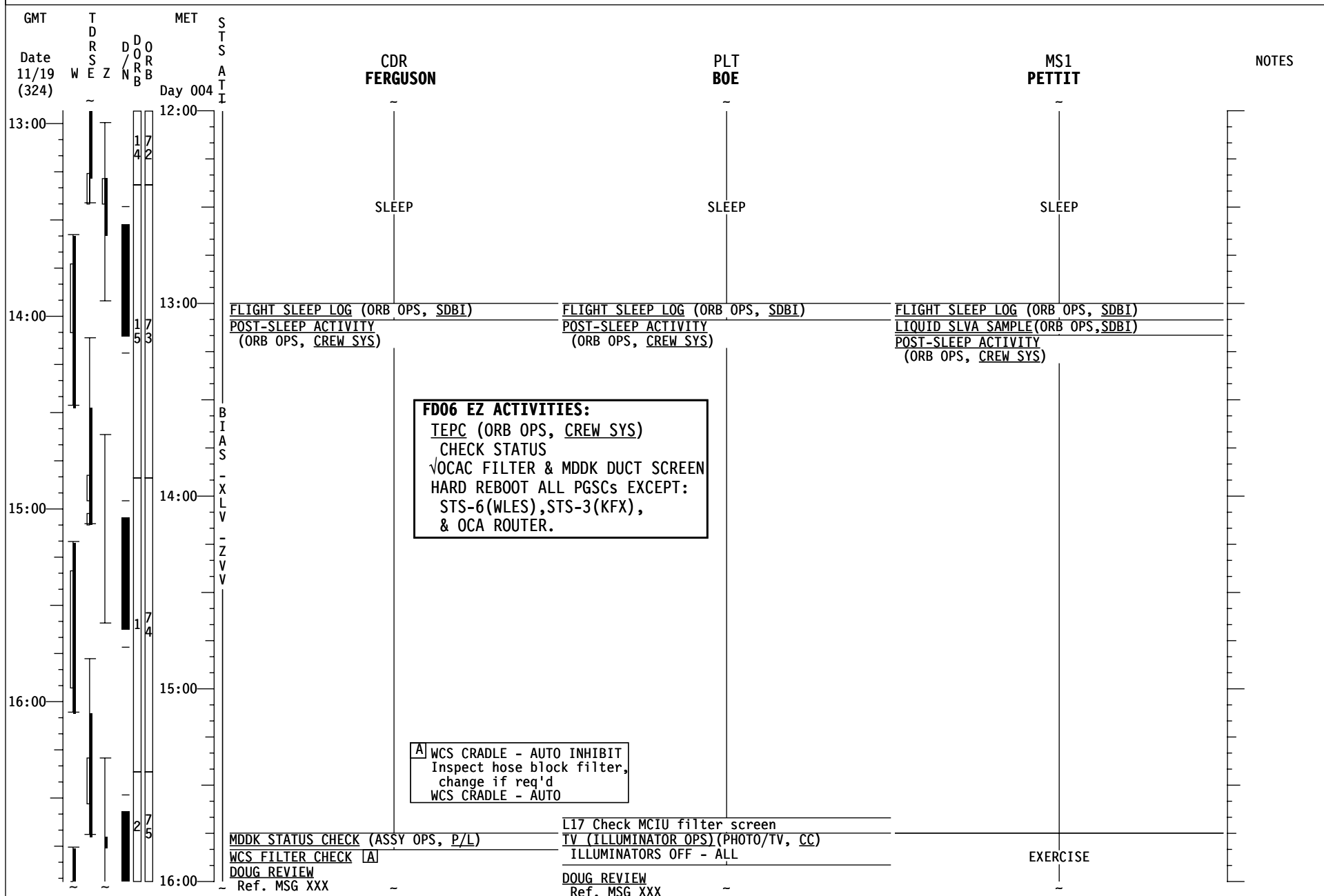
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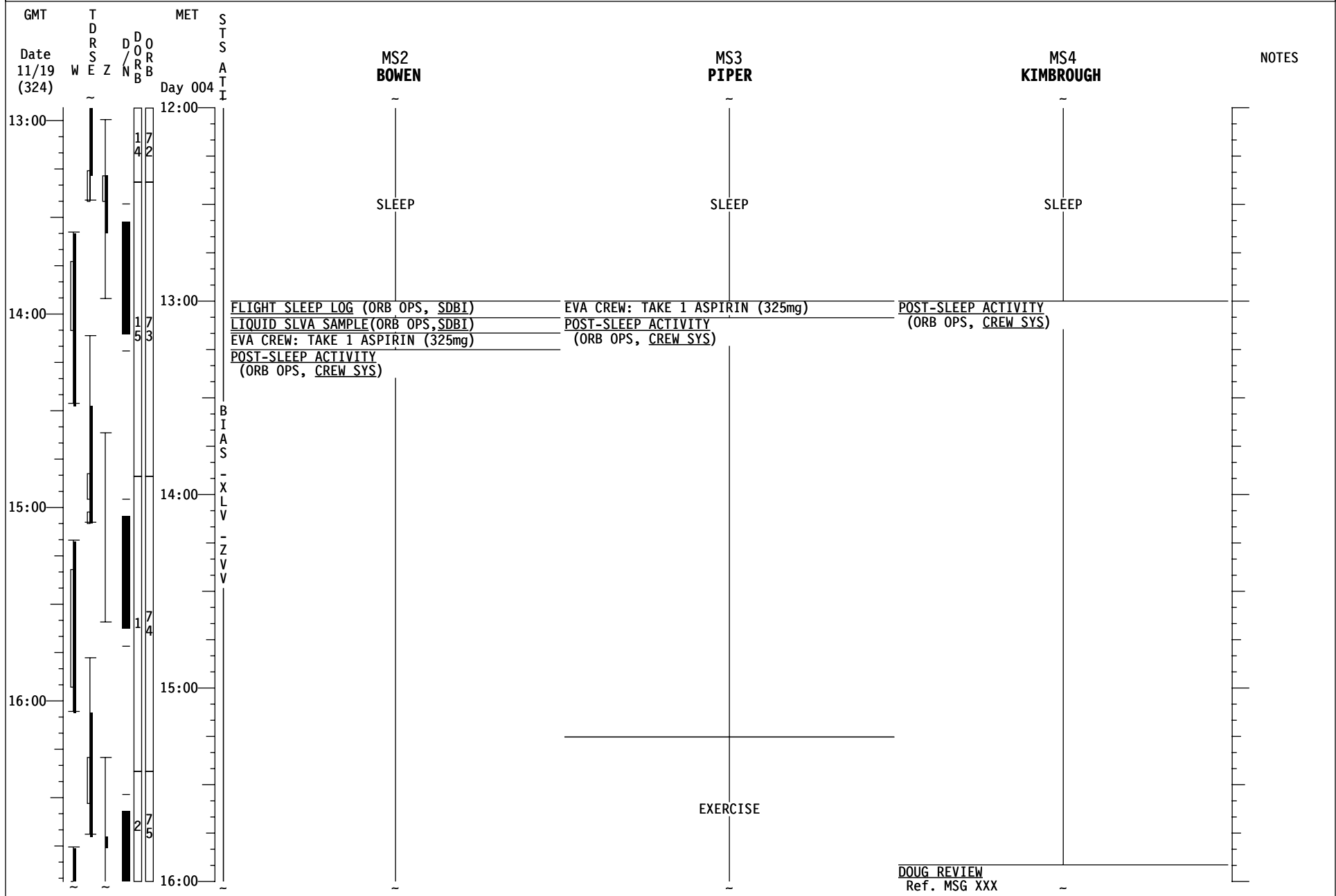
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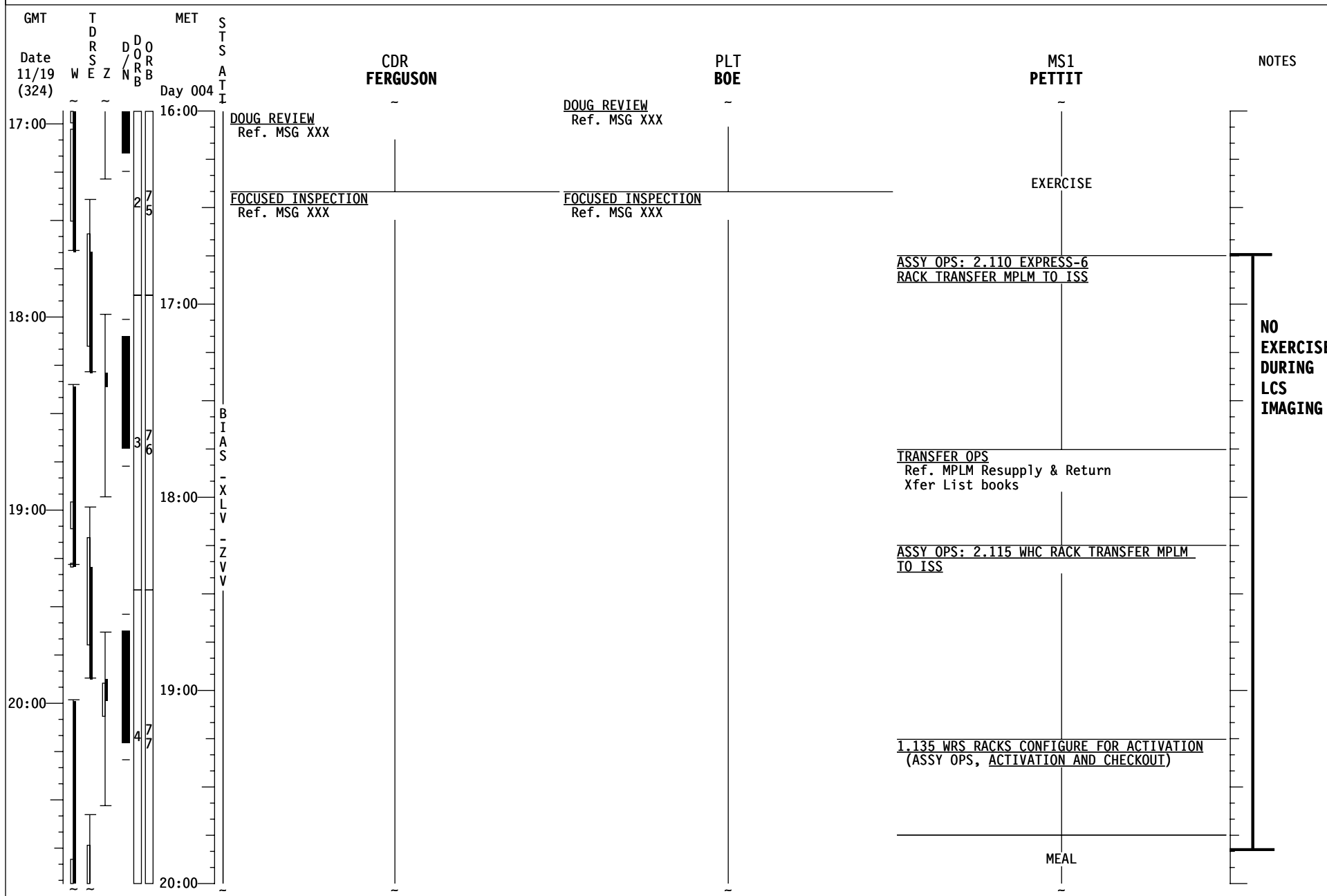
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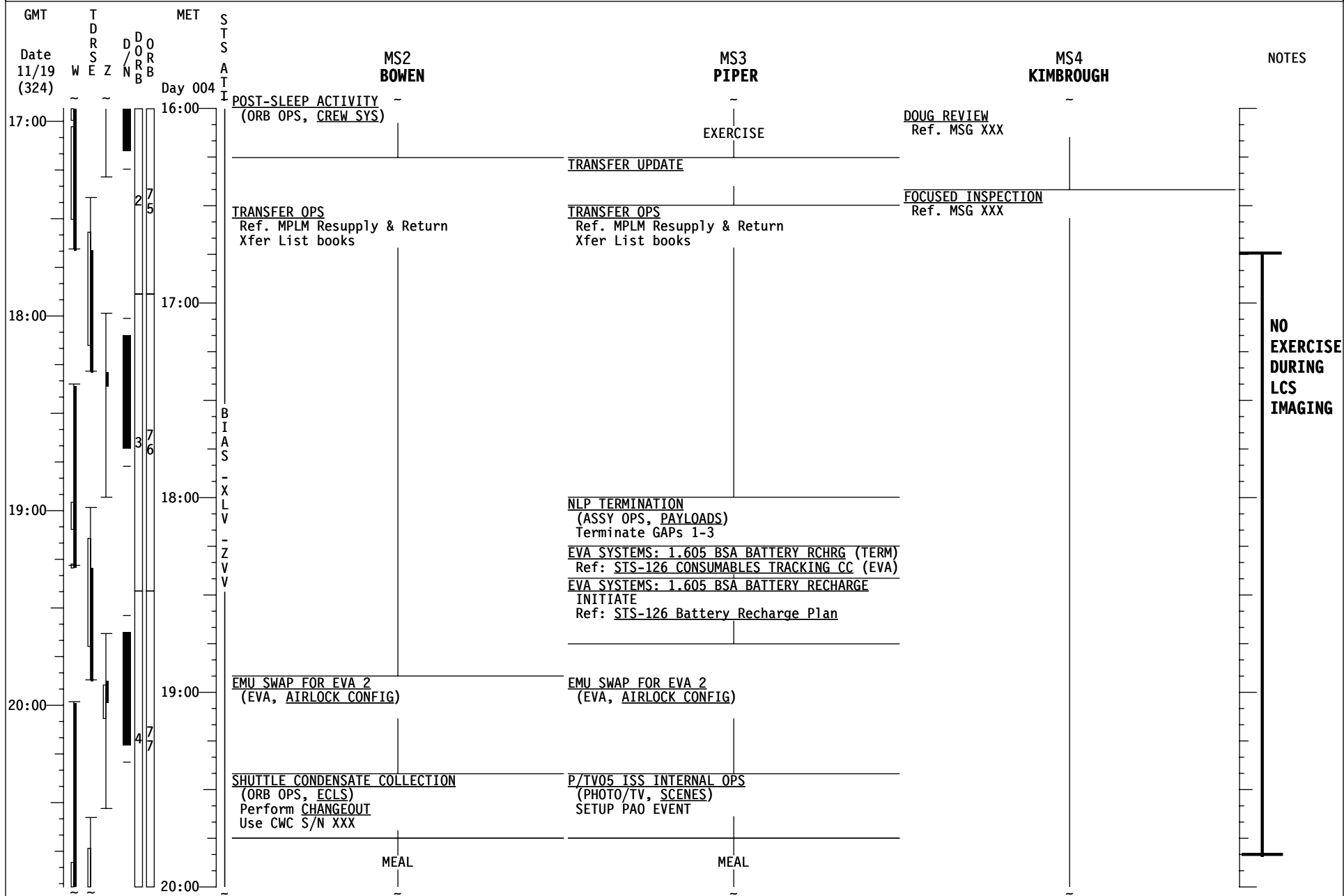
STS-126 FD (06)



STS-126 FD (06)



STS-126 FD (06)



STS-126 FD (06)

GMT	TDRSEZ Date 11/19 (324)	DORBN Day 004	MET	STS ATTI	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
21:00			20:00	BIAS	<u>FOCUSED INSPECTION</u> Ref. MSG XXX	<u>FOCUSED INSPECTION</u> Ref. MSG XXX	MEAL	
				-XLV	MEAL	MEAL		
				-ZVV				<u>1.135 WRS RACKS CONFIGURE FOR ACTIVATION</u> (ASSY OPS, ACTIVATION AND CHECKOUT)
22:00			21:00		<u>JOINT OPS: 3.110 HANDOVER ATTITUDE</u> <u>CONTROL CMG TA to ORBITER</u> <u>MNVR (TRK) BIAS -XLV -ZVV (Dump)</u> TG=2 BV=5 P=163 Y=354 OM=194 B12/AUTO/VERN Init TRK When in attitude, select DAP A <u>SUPPLY/WASTE WATER DUMP</u> (ORB OPS, ECLS) Initiate Waste Dump	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books		
								UPDATE H2O WASTE DUMP QTY
23:00			22:00			<u>2.105 CREW QUARTERS RACK</u> <u>TRANSFER FROM MPLM TO ISS</u> (ASSY OPS, TRANSFER)		
					<u>D SUPPLY/WASTE WATER DUMP</u> <u>U (ORB OPS, ECLS)</u> <u>M Terminate Waste Dump</u> <u>P CWC OVERBOARD DUMP (ORB OPS, ECLS)</u> Initiate Condensate Dump Ref. MSG XXX			
00:00			23:00		EXERCISE			
						EXERCISE		
			00:00					

STS-126 FD (06)

GMT	T D R S E Z W E Z	D O R B D O R B	MET Day 004	S T S A T T I	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	NOTES
21:00			20:00	B I A S	MEAL	MEAL	MEAL	
				- X L V				
22:00			21:00	- Z V V	PUBLIC AFFAIRS EVENT Ref. MSG XXX KU AVAIL: 20:34-21:04	PUBLIC AFFAIRS EVENT Ref. MSG XXX KU AVAIL: 20:34-21:04	FOCUSED INSPECTION Ref. MSG XXX	
						<u>EVA SYSTEMS: 1.515 EMU METOX/LIOH/BATTERY REPLACEMENT</u> Ref: STS-126 CONSUMABLES TRACKING CC (EVA)	<u>EVA SYSTEMS: 1.515 EMU METOX/LIOH/BATTERY REPLACEMENT</u> Ref: STS-126 CONSUMABLES TRACKING CC (EVA)	
					EXERCISE	<u>EVA SYSTEMS: 1.305 EQUIPMENT LOCK PREP</u> Steps 1-3 not req'd Ref: STS-126 CONSUMABLES TRACKING CC (EVA)	<u>EVA SYSTEMS: 1.530 METOX REGENERATION (Terminate)</u> <u>EVA SYSTEMS: 1.305 EQUIPMENT LOCK PREP</u> Steps 1-3 not req'd Ref: STS-126 CONSUMABLES TRACKING CC (EVA)	
23:00			22:00		<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	<u>EVA TOOLS MANAGEMENT (EVA, TOOLS AND STOWAGE)</u> Perform FD5 Steps	<u>EVA TOOLS MANAGEMENT (EVA, TOOLS AND STOWAGE)</u> Perform FD5 Steps	
				D U M P				
00:00			23:00				EXERCISE	
						<u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>MOP QUESTIONNAIRE (ASSY OPS, PAYLOADS)</u>		

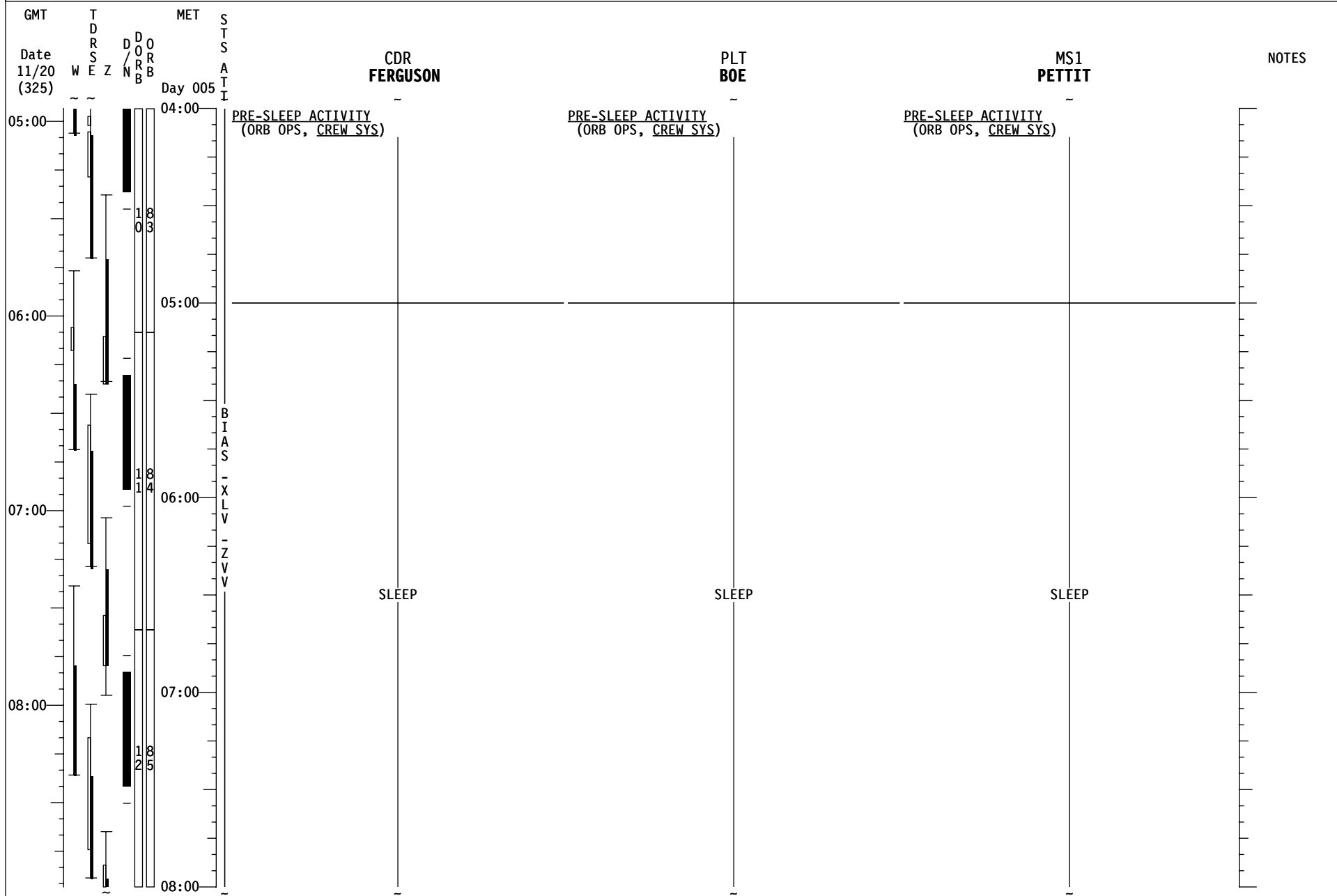
STS-126 FD (06)

GMT	T D R S E Z	D O R B	MET	S T S	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
Date 11/20 (325)	W	N	Day 005	I				
01:00			00:00		<u>CWC OVERBOARD DUMP</u> (ORB OPS, ECLS) Perform <u>DUMP TERMINATION</u> <u>MNVR (TRK) BIAS -XLV -ZVV</u> TG=2 BV=5 P=163 Y=354 OM=181 B12/AUTO/VERN Init TRK When in attitude, select DAP A <u>JOINT OPS: 3.111 HANDOVER ATTITUDE</u> <u>CONTROL ORBITER to CMGTA</u>	EXERCISE	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	
					<u>IMU STAR OF OPPTY ALIGN (ORB OPS,GNC)</u> <u>MDDK STATUS CHECK (ASSY OPS, P/L)</u> <u>EVA2 PROCEDURE REVIEW</u> Ref: <u>EVA2 BRIEFING CARD</u> (EVA, TIMELINES)	<u>TRANSFER TAGUP</u> Coordinate with xfer counterpart	<u>TRANSFER TAGUP</u> Coordinate with xfer counterpart	
02:00			01:00		BIAS <u>MUS LOG (ASSY OPS, PAYLOADS)</u> - <u>PRE-SLEEP ACTIVITY</u> X (ORB OPS, CREW SYS) L Hum Seps for H2O Accumulation V - Z V V <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>EVA2 PROCEDURE REVIEW</u> Ref: <u>EVA2 BRIEFING CARD</u> (EVA, TIMELINES)	<u>EVA2 PROCEDURE REVIEW</u> Ref: <u>EVA2 BRIEFING CARD</u> (EVA, TIMELINES)	
03:00			02:00		PRIVATE MEDICAL CONFERENCE (A/G)	<u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>TRANSFER BRIEF</u> Call down status to MCC	
04:00			03:00				<u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	
			04:00					

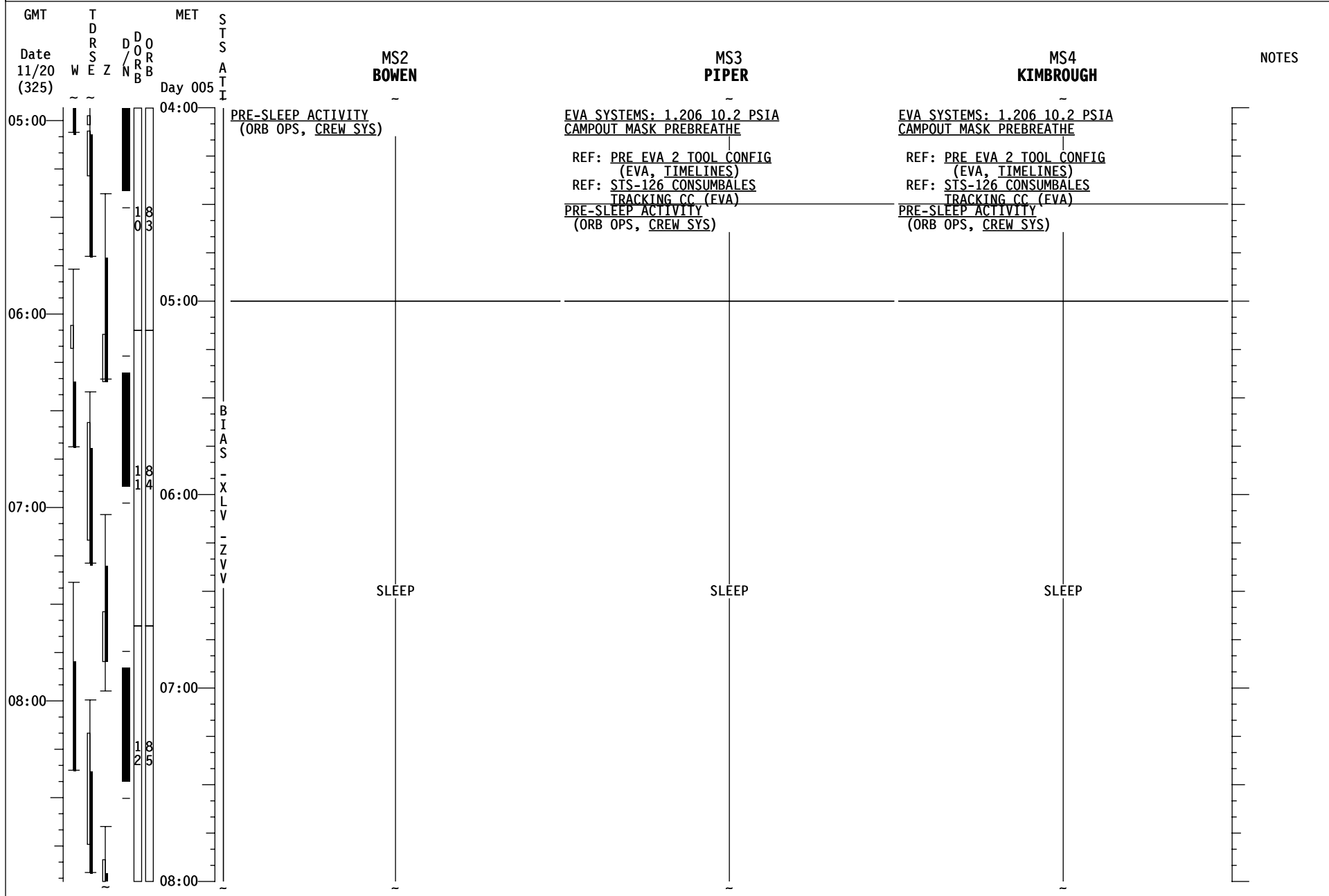
STS-126 FD (06)

GMT	TDRS W E Z	MET Day 005	S T S A T I	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	NOTES
01:00		00:00		<p><u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books</p>	<p><u>MOP QUESTIONNAIRE</u> (ASSY OPS, PAYLOADS) <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p>	<p>EXERCISE</p>	
02:00		01:00		<p><u>EVA2 PROCEDURE REVIEW</u> Ref: <u>EVA2 BRIEFING CARD</u> (EVA, TIMELINES)</p>	<p><u>EVA2 PROCEDURE REVIEW</u> Ref: <u>EVA2 BRIEFING CARD</u> (EVA, TIMELINES)</p>	<p><u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS) <u>EVA2 PROCEDURE REVIEW</u> Ref: <u>EVA2 BRIEFING CARD</u> (EVA, TIMELINES)</p>	
03:00		02:00	B I A S	<p><u>PLAYBACK (DIGITAL)</u> - (PHOTO/TV, CUE CARD) X LDRI SURVEYS L KU TDRW (01:49-02:25) V</p>	<p><u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p>	<p><u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p>	
04:00		03:00	Z V V	<p><u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>MOP QUESTIONNAIRE</u> (ASSY OPS, PAYLOADS) <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p>			
		04:00		<p><u>EVA SYSTEMS: 1.206 10.2 PSIA</u> <u>CAMPOUT MASK PREBREATHE</u> REF: <u>PRE EVA 2 TOOL CONFIG</u> (EVA, TIMELINES) REF: <u>STS-126 CONSUMBALES</u> <u>TRACKING CC (EVA)</u></p>	<p><u>EVA SYSTEMS: 1.206 10.2 PSIA</u> <u>CAMPOUT MASK PREBREATHE</u> REF: <u>PRE EVA 2 TOOL CONFIG</u> (EVA, TIMELINES) REF: <u>STS-126 CONSUMBALES</u> <u>TRACKING CC (EVA)</u></p>		

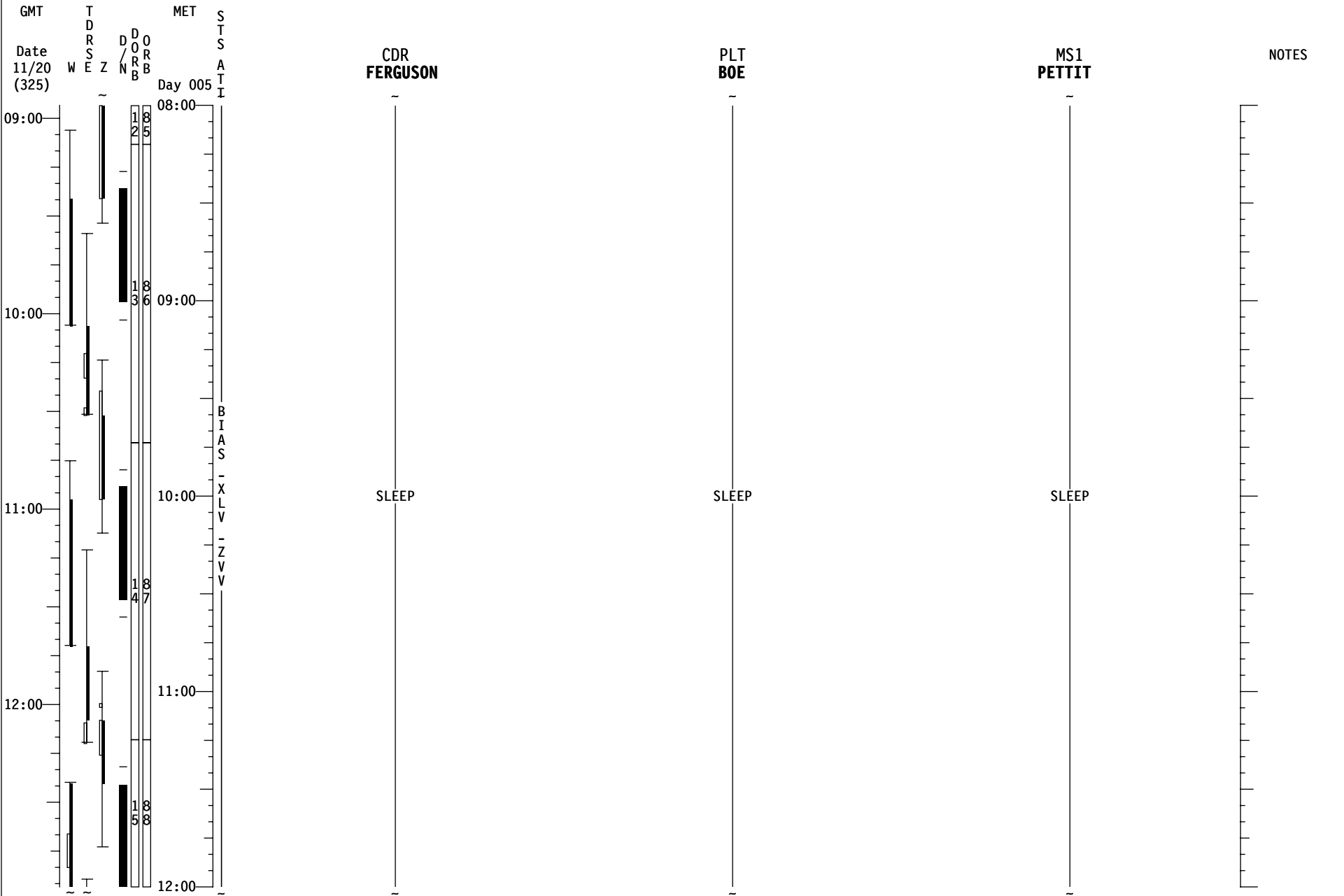
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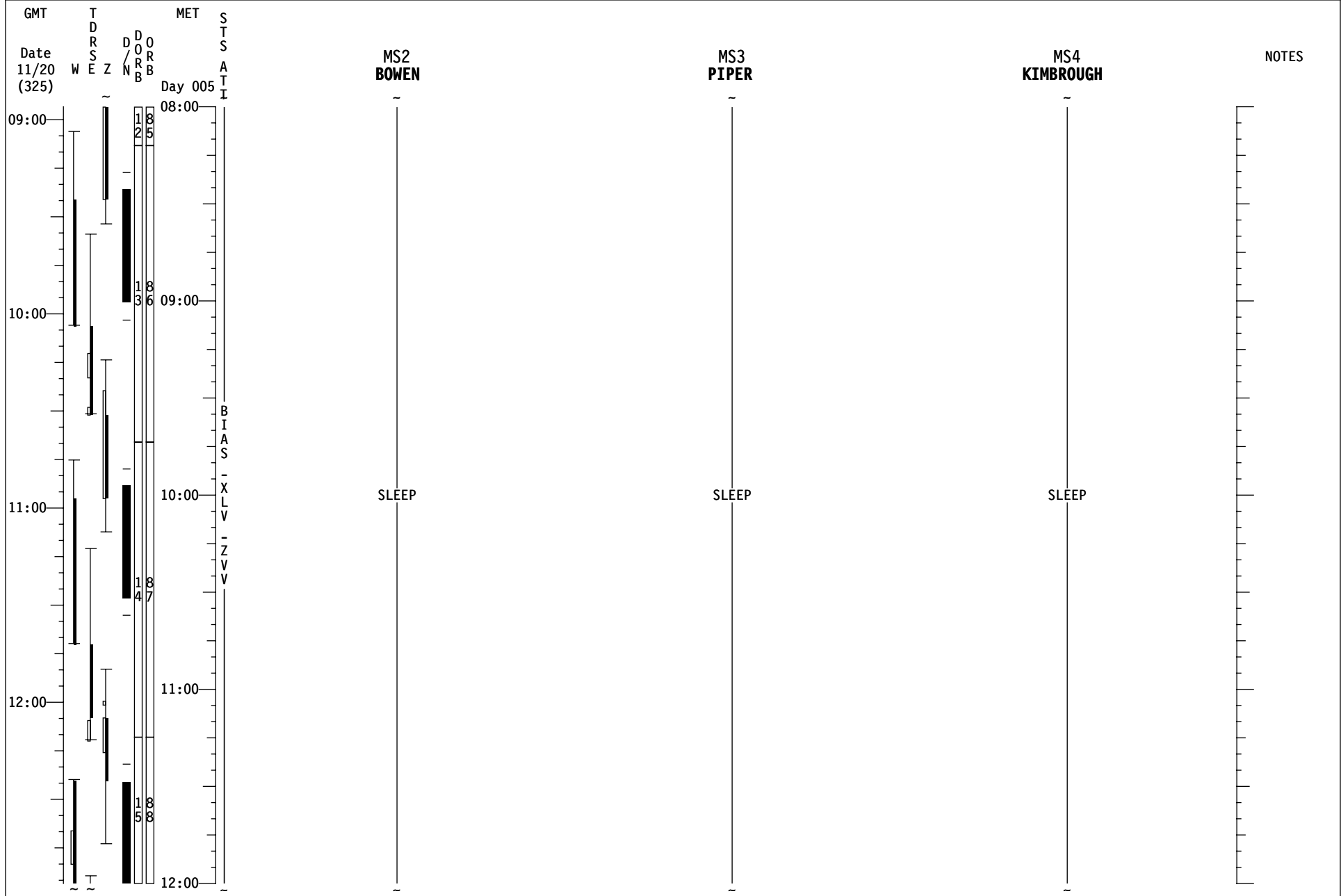
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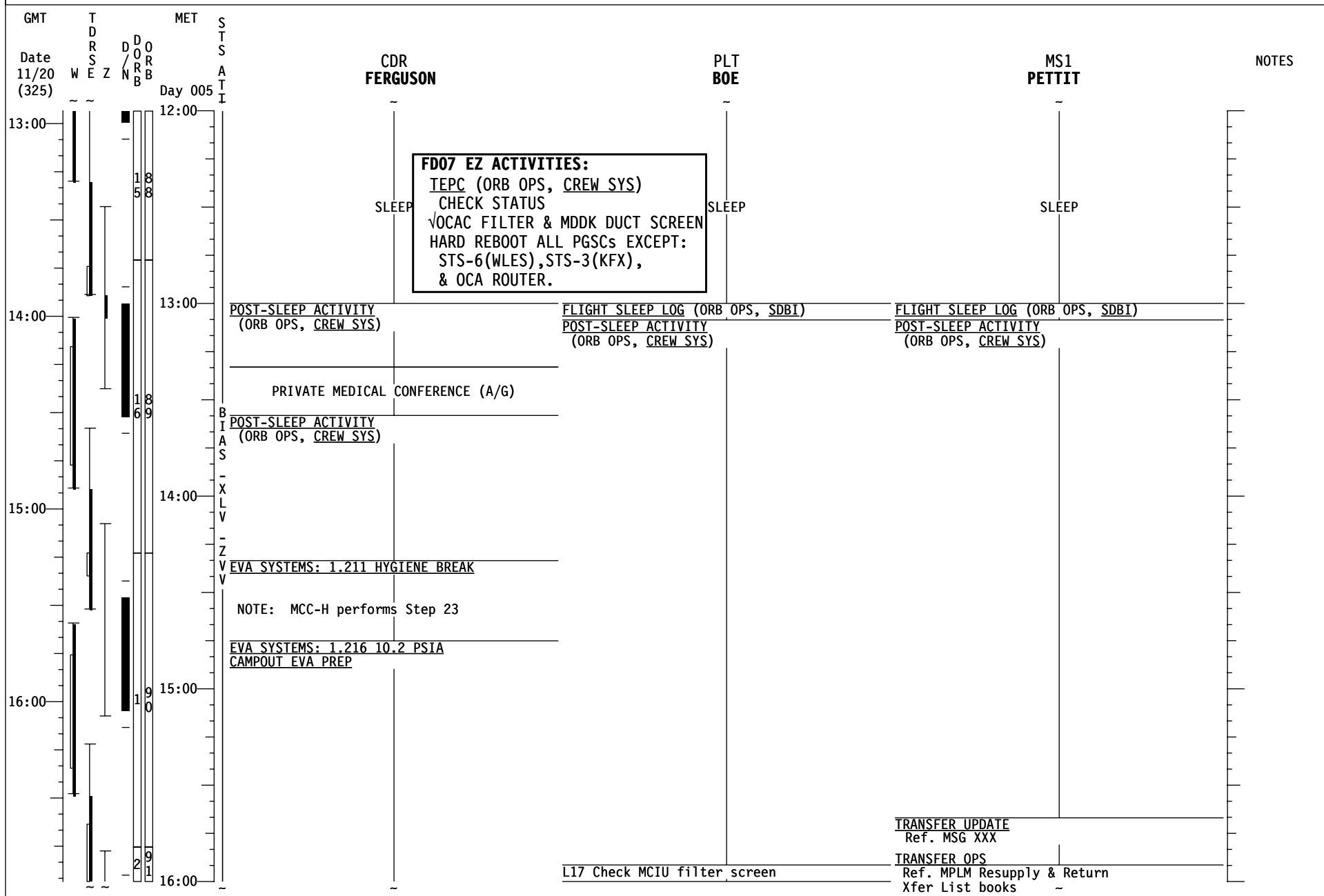
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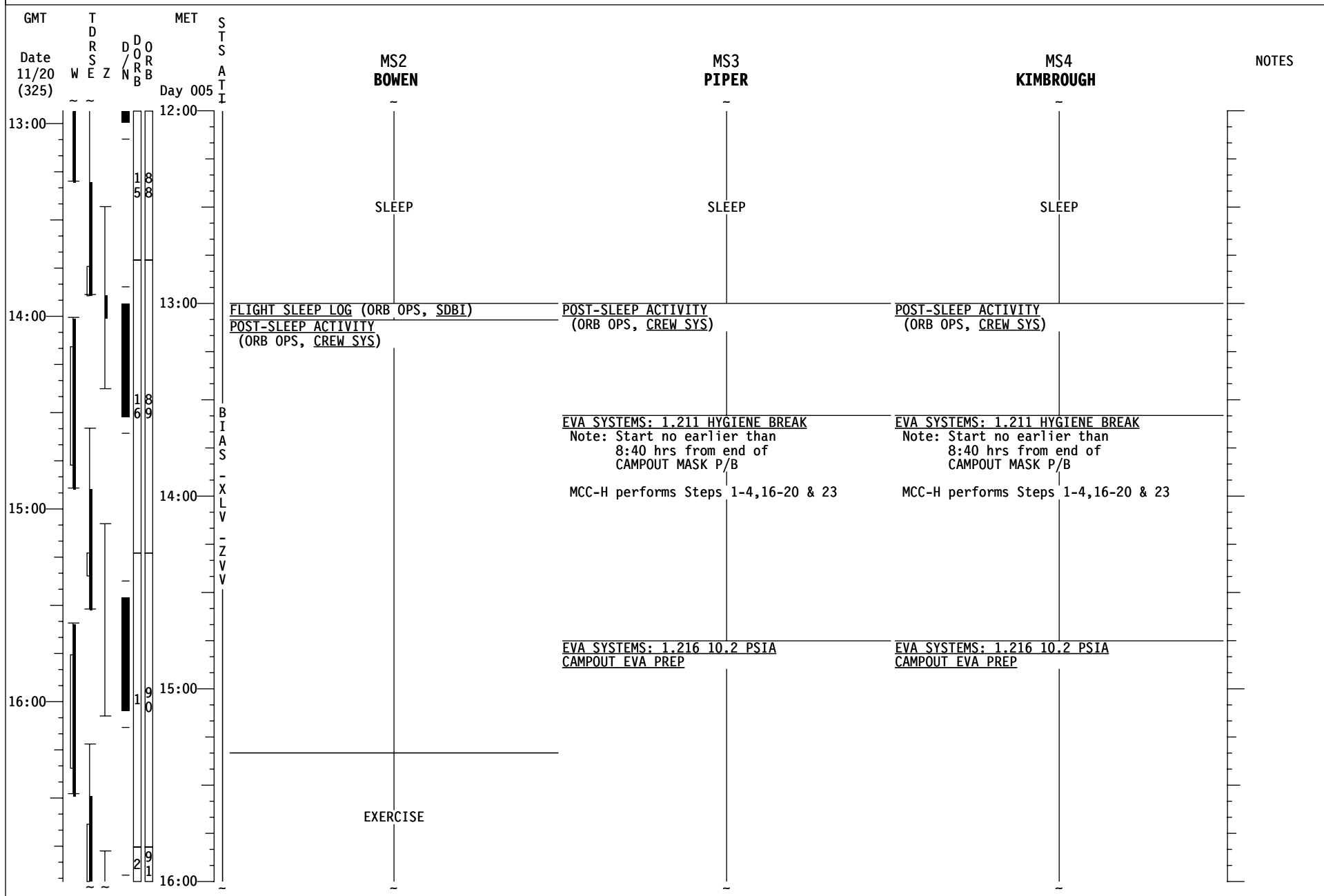
STS-126 FD (06)



STS-126 FD (07)



STS-126 FD (07)

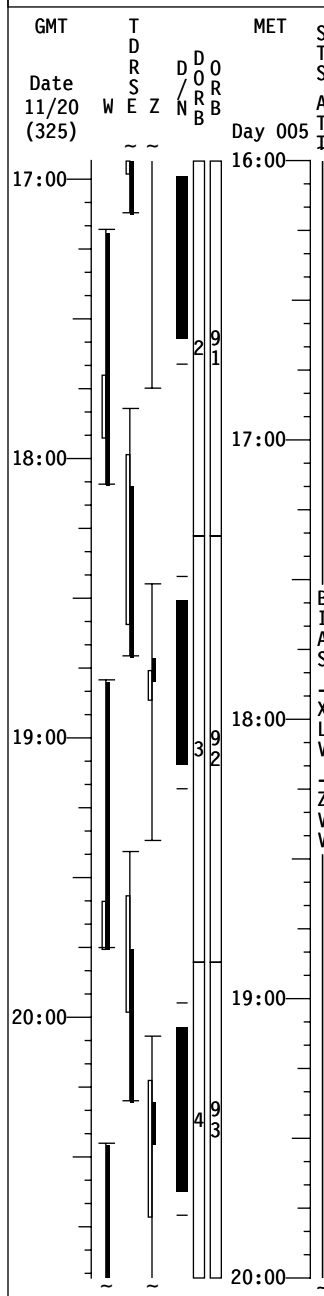


STS-126 FD (07)

GMT	TDRSEZ	MET	SATS	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
Date 11/20 (325)	W E Z	Day 005	I				
17:00	~	16:00		<u>EVA SYSTEMS: 1.216 10.2 PSIA</u> <u>CAMPOUT EVA PREP</u>	<u>EVA INHIBIT PAD</u> <u>(EVA, TIMELINES)</u>	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	
				<u>EVA SYSTEMS: 1.220 EMU PURGE</u>			
				<u>EVA SYSTEMS: 1.225 EMU PREBREATHE</u>	EXERCISE		
18:00		17:00		<u>EVA SYSTEMS: CREWLOCK DEPRESS (CC)</u>		<u>ROBO: 1.410 EVA-CETA CART RELOCATION</u>	
					IVA SUPPORT PREP		
				<u>MDDK STATUS CHECK (ASSY OPS, P/L)</u>	<u>EVA SYSTEMS: CREWLOCK POST DEPRESS (CC)</u>		
19:00		18:00		<u>X IMU STAR OF OPPTY ALIGN (ORB OPS,GNC)</u> <u>L TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books			
					IVA SUPPORT EVA2		
20:00		19:00		MEAL			
		20:00					

STS-126 FD (07)

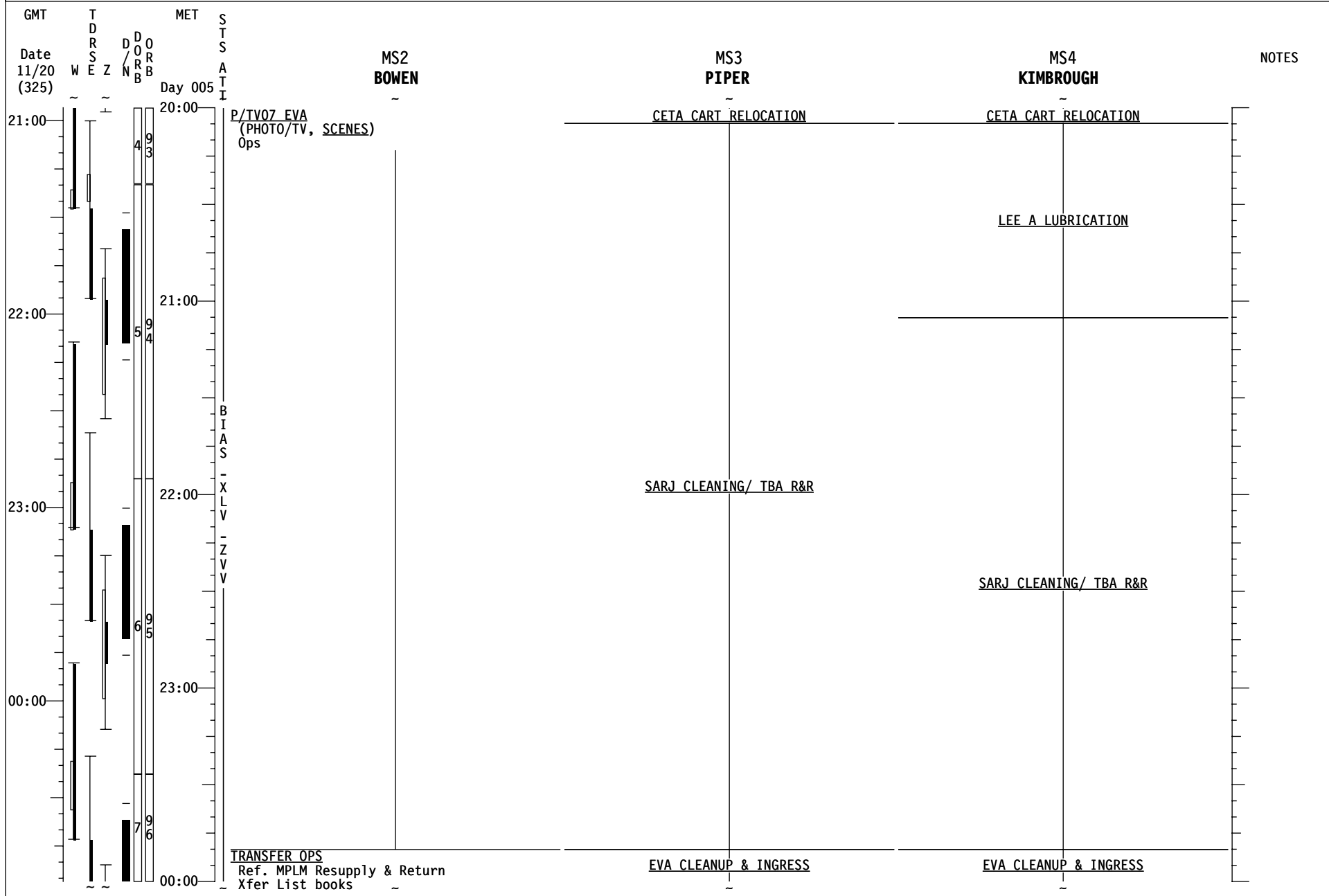
GMT	TDRS W E Z	MET Day 005	S T S A T I	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	NOTES
17:00		16:00		EXERCISE	<u>EVA SYSTEMS: 1.216 10.2 PSIA</u> <u>CAMPOUT EVA PREP</u>	<u>EVA SYSTEMS: 1.216 10.2 PSIA</u> <u>CAMPOUT EVA PREP</u>	
				<u>GPS ANTENNA IV ASSEMBLY</u> <u>(EVA, TOOLS & STOWAGE)</u>	<u>EVA SYSTEMS: 1.220 EMU PURGE</u>	<u>EVA SYSTEMS: 1.220 EMU PURGE</u>	
					<u>EVA SYSTEMS: 1.225 EMU PREBREATHE</u>	<u>EVA SYSTEMS: 1.225 EMU PREBREATHE</u>	
18:00		17:00		<u>P/TV07 EVA</u> <u>(PHOTO/TV, SCENES)</u> Setup	<u>EVA SYSTEMS: CREWLOCK DEPRESS (CC)</u>	<u>EVA SYSTEMS: CREWLOCK DEPRESS (CC)</u>	
				<u>P/TV07 EVA</u> <u>(PHOTO/TV, SCENES)</u> Ops	<u>EVA SYSTEMS: CREWLOCK POST DEPRESS (CC)</u> <u>EVA SYSTEMS: CREWLOCK EGRESS (CC)</u>	<u>EVA SYSTEMS: CREWLOCK POST DEPRESS (CC)</u> <u>EVA SYSTEMS: CREWLOCK EGRESS (CC)</u>	
19:00		18:00			<u>EVA SETUP</u>	<u>EVA SETUP</u>	
20:00		19:00			<u>CETA CART RELOCATION</u>	<u>CETA CART RELOCATION</u>	
		20:00					



STS-126 FD (07)

GMT	T D R S E Z	D O R B	MET	S T S	CDR	PLT	MS1	NOTES
Date 11/20 (325)	W	E	Day 005	I	FERGUSON	BOE	PETTIT	
21:00		4			<u>SHUTTLE/ISS H2O CNTR FILL</u> (ORB OPS, ECLS) INIT FILL #4 Ref. MSG XXX <hr/> <u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books			<u>ROBO: 1.410 EVA-CETA CART RELOCATION</u>
22:00		5			<u>SHUTTLE/ISS H2O CNTR FILL</u> (ORB OPS, ECLS) Perform <u>FILL TERMINATION</u> <hr/> <u>SHUTTLE/ISS H2O CNTR FILL</u> (ORB OPS, ECLS) INIT FILL #5 Ref. MSG XXX			
23:00		6			B I A S - X L V - Z V V EXERCISE	IVA SUPPORT EVA2	EXERCISE	
00:00		7			<u>SHUTTLE/ISS H2O CNTR FILL</u> (ORB OPS, ECLS) Perform <u>FILL TERMINATION</u> <hr/> <u>CWC TRANSFER</u> Transfer 2 CWCs to ISS <hr/> <u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books			<u>ROBOTICS: 1.410 EVA-CETA CART RELOCATION</u> Step 32 MNVR to Overnight Park <hr/> <u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books

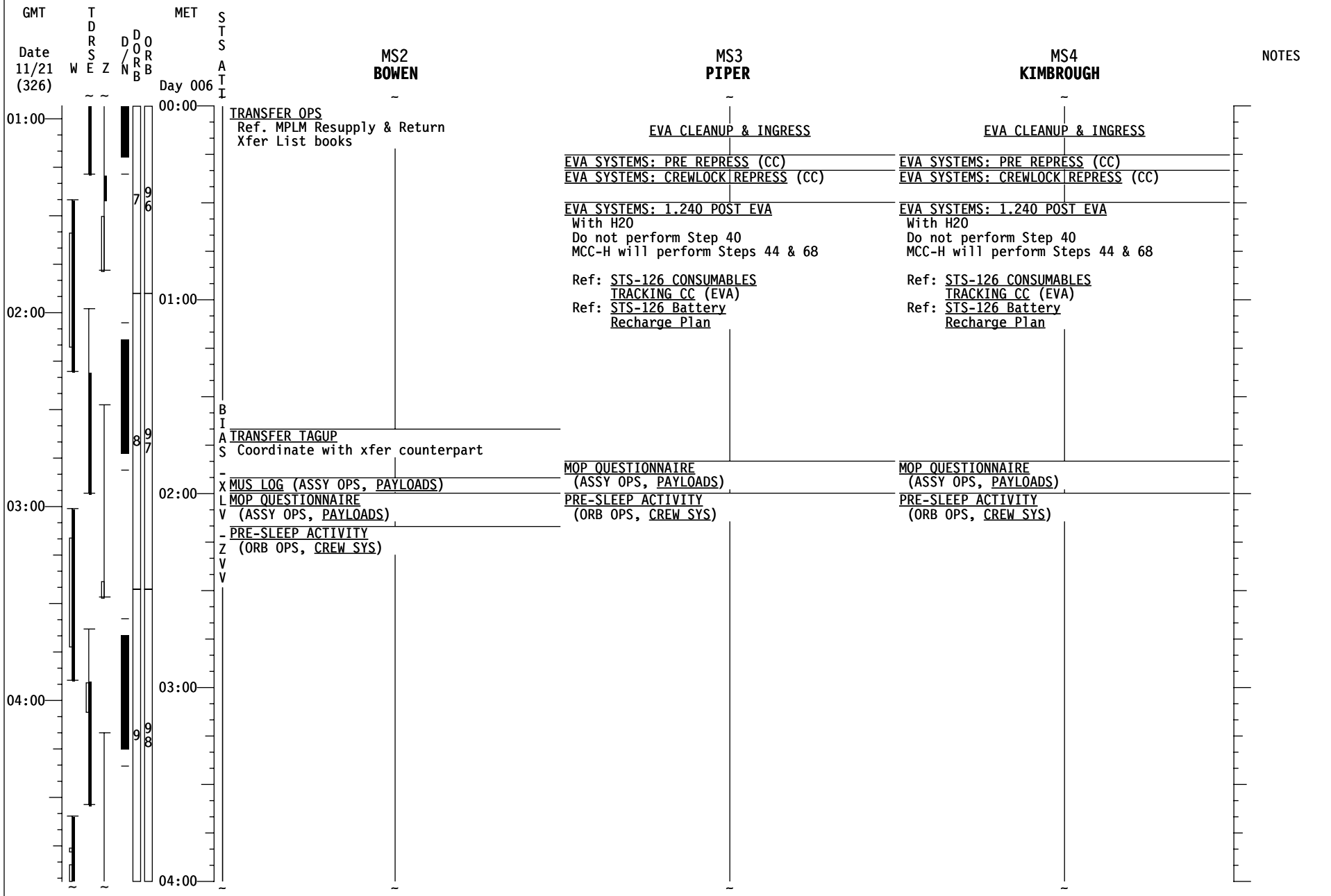
STS-126 FD (07)



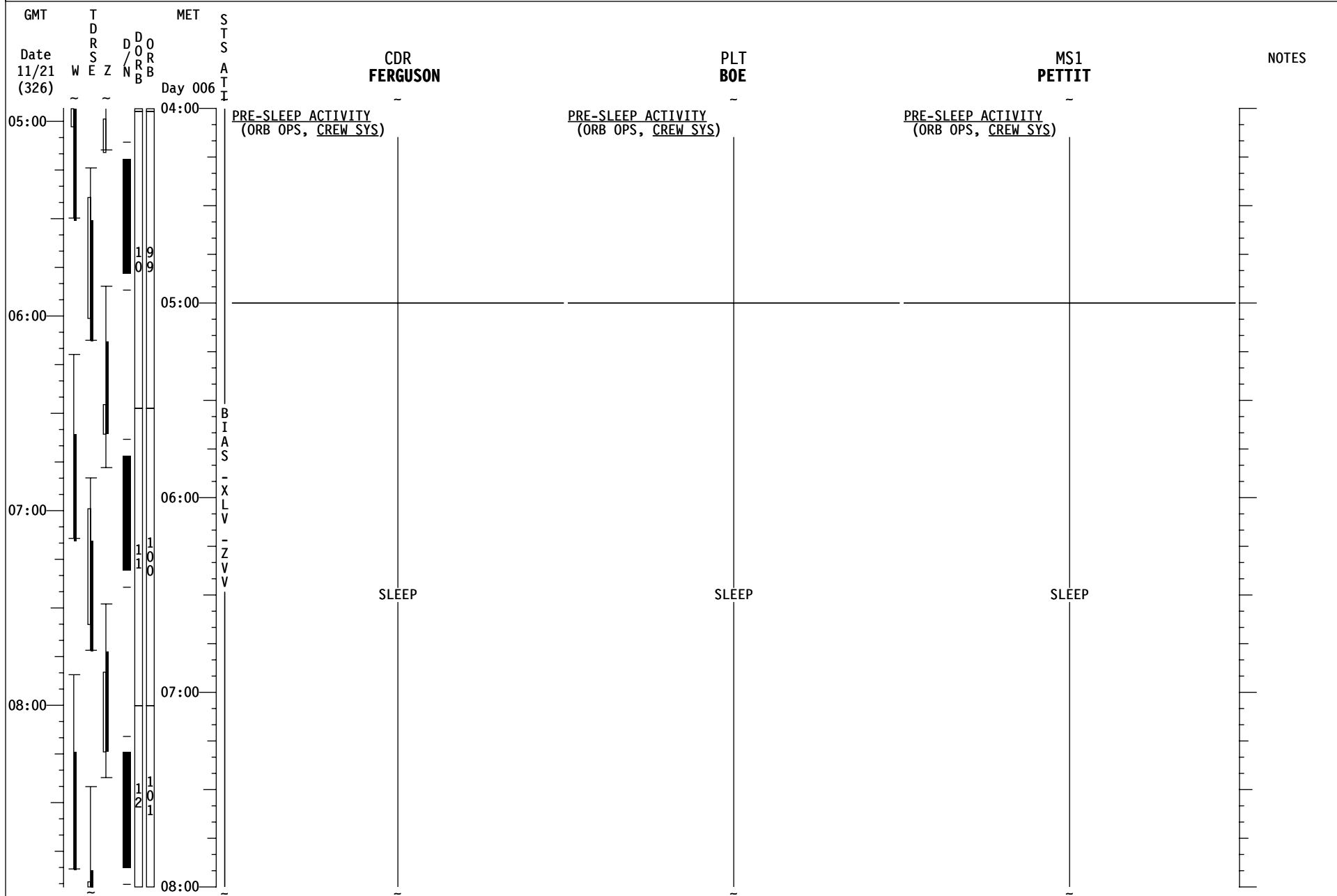
STS-126 FD (07)

GMT	T D R S W E Z	D O R B N / B	MET Day 006	S T S A T I	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
01:00			00:00		<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	IVA SUPPORT EVA2 <u>EVA SYSTEMS: PRE REPRESS (CC)</u> <u>EVA SYSTEMS: CREWLOCK REPRESS (CC)</u>	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	
					<u>EVA SYSTEMS: 1.240 POST EVA</u> With H2O Do not perform Step 40 MCC-H will perform Steps 44 & 68 Ref: <u>STS-126 CONSUMABLES TRACKING CC (EVA)</u> Ref: <u>STS-126 Battery Recharge Plan</u>	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books		
02:00			01:00					
					B On MCC-H go perform A <u>EVA SYSTEMS: 1.510 METOX</u> S <u>REGENERATION (Initiate)</u> X <u>MDDK STATUS CHECK (ASSY OPS, P/L)</u> X <u>MUS LOG (ASSY OPS, PAYLOADS)</u> L <u>PRE-SLEEP ACTIVITY</u> V (ORB OPS, CREW SYS)	TV (ILLUMINATOR OPS) (PHOTO/TV, CC) ILLUMINATORS ON - A,D MUS LOG (ASSY OPS, PAYLOADS) PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	<u>TRANSFER TAGUP</u> Coordinate with xfer counterpart MUS LOG (ASSY OPS, PAYLOADS) PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
03:00			02:00					
					PRIVATE MEDICAL CONFERENCE (A/G) <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)		<u>TRANSFER BRIEF</u> Call down status to MCC <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	
04:00			03:00					
			04:00					

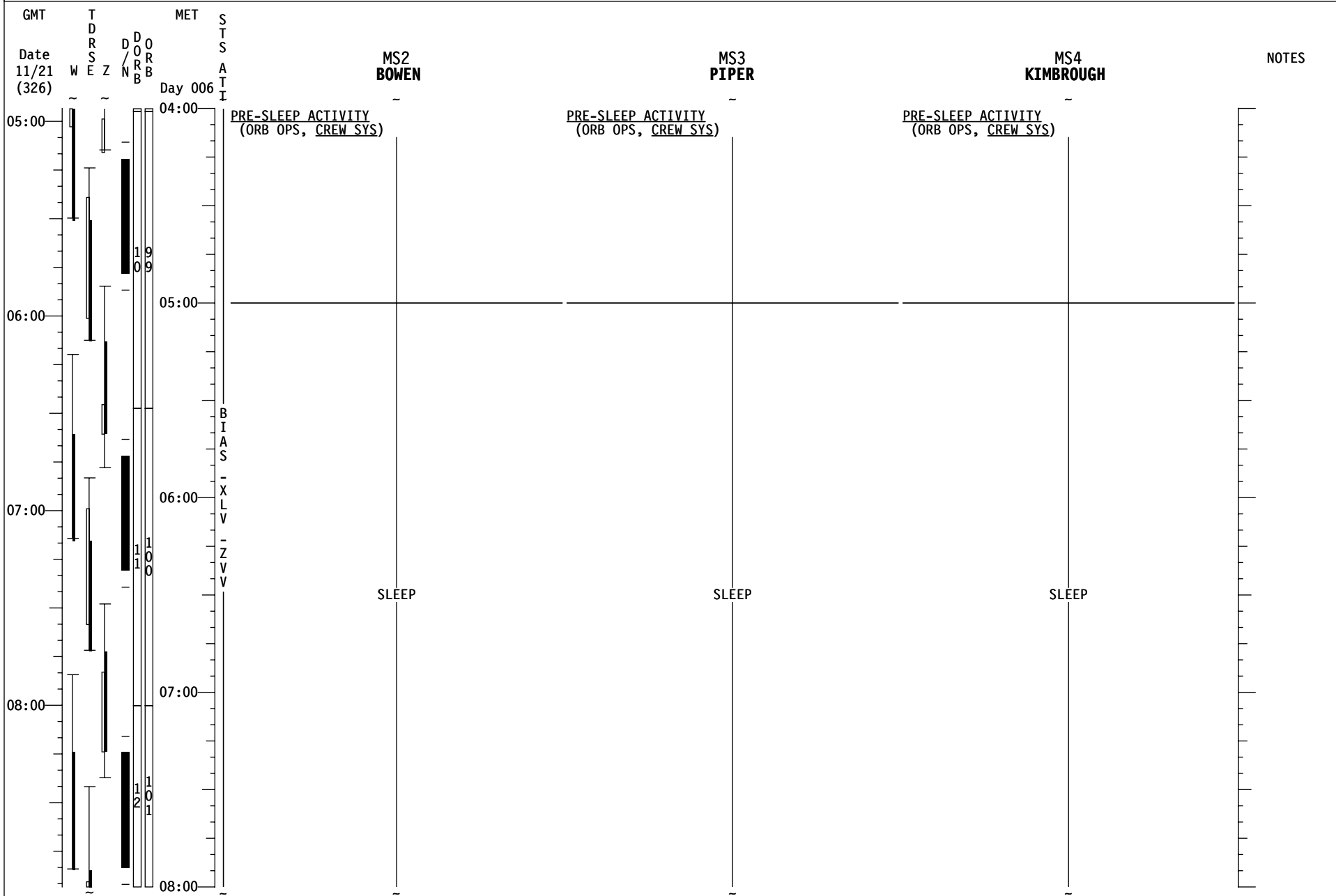
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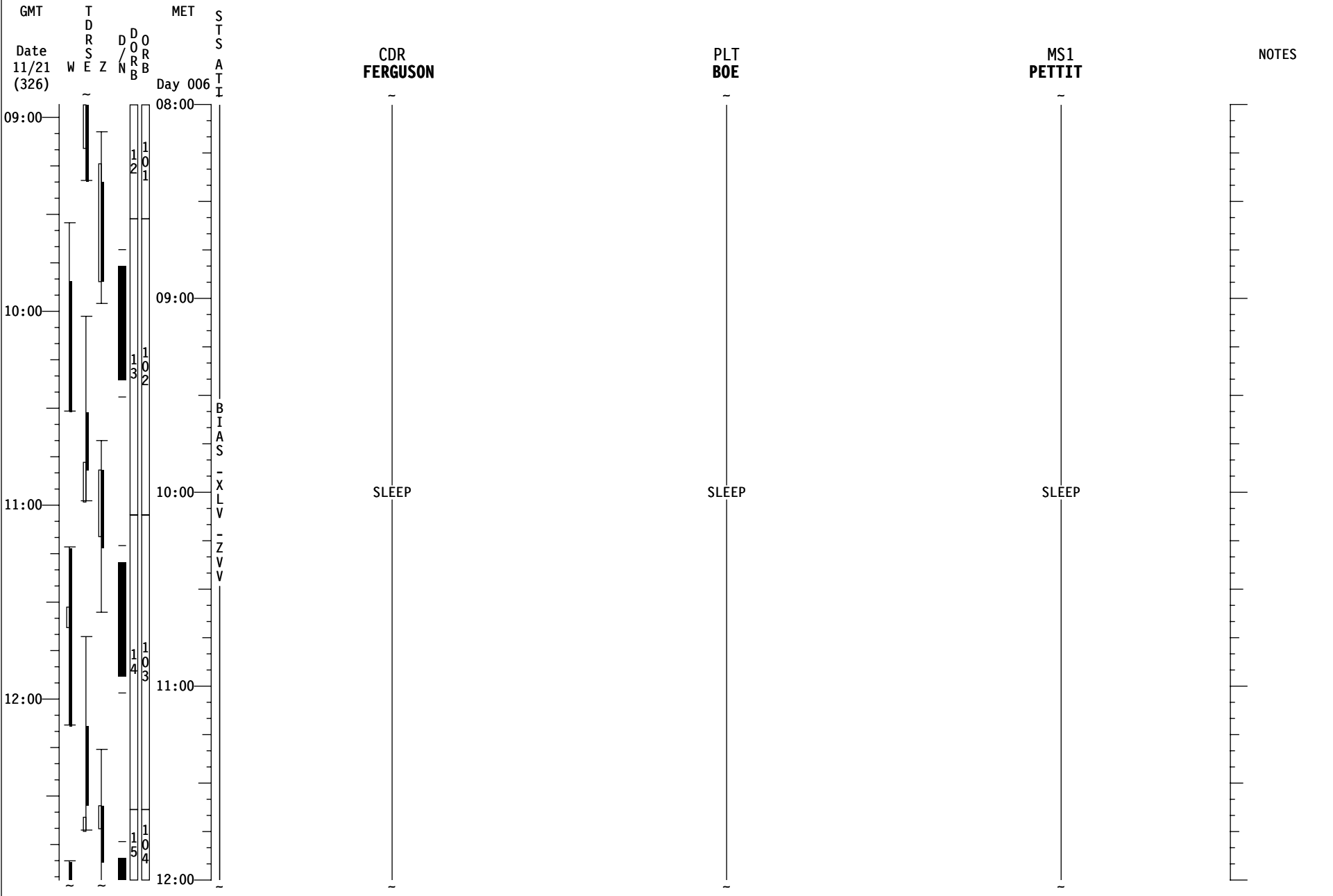
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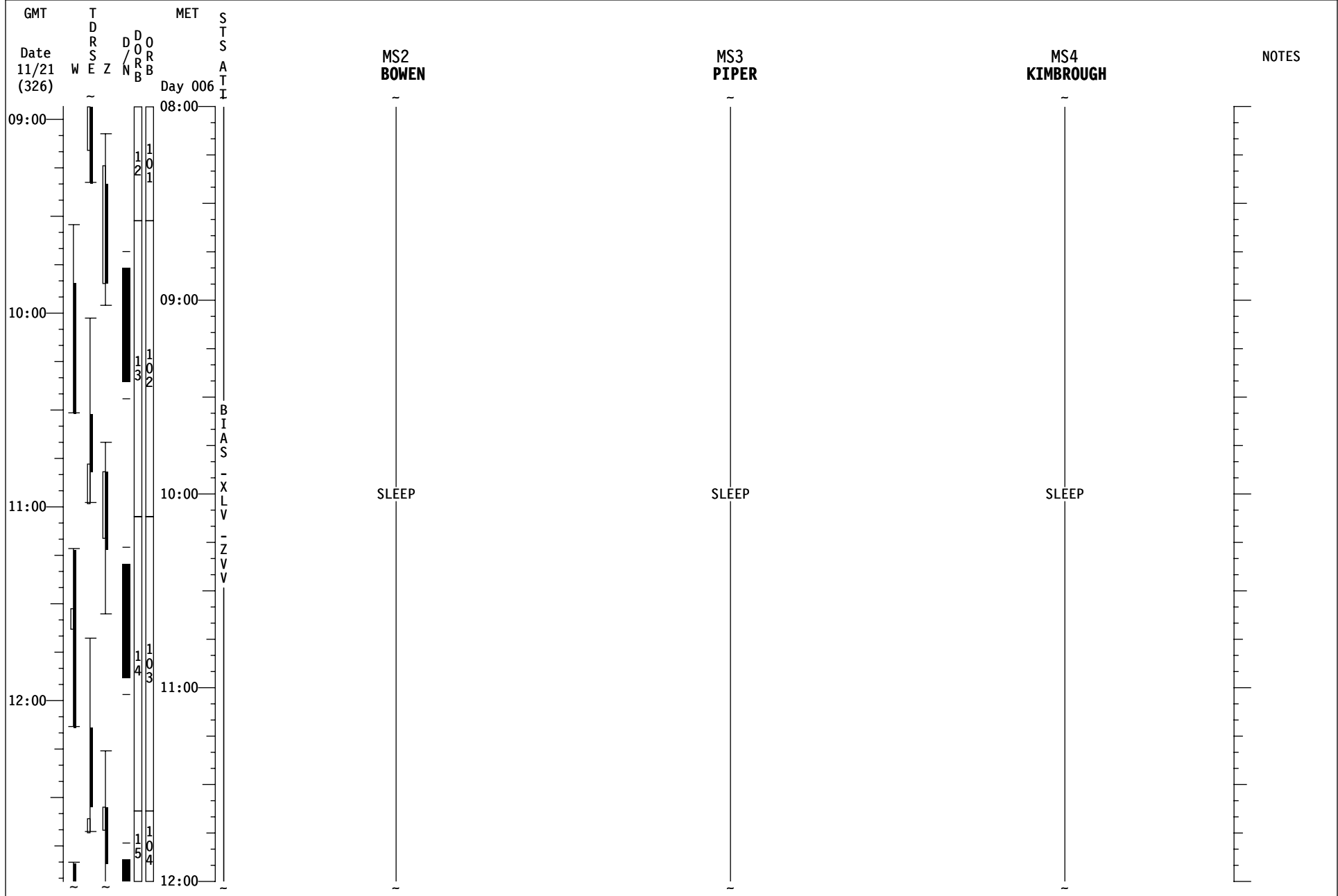
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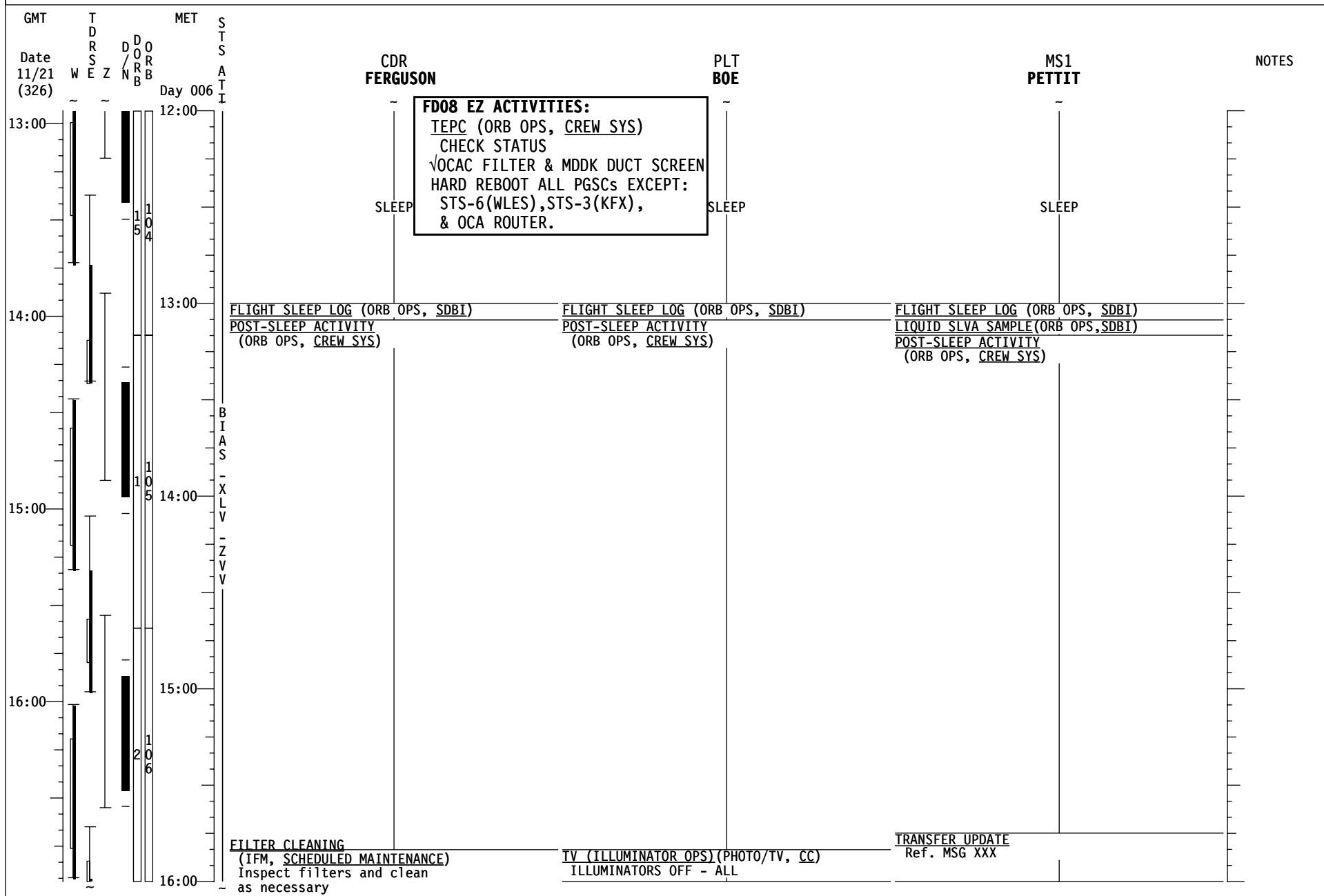
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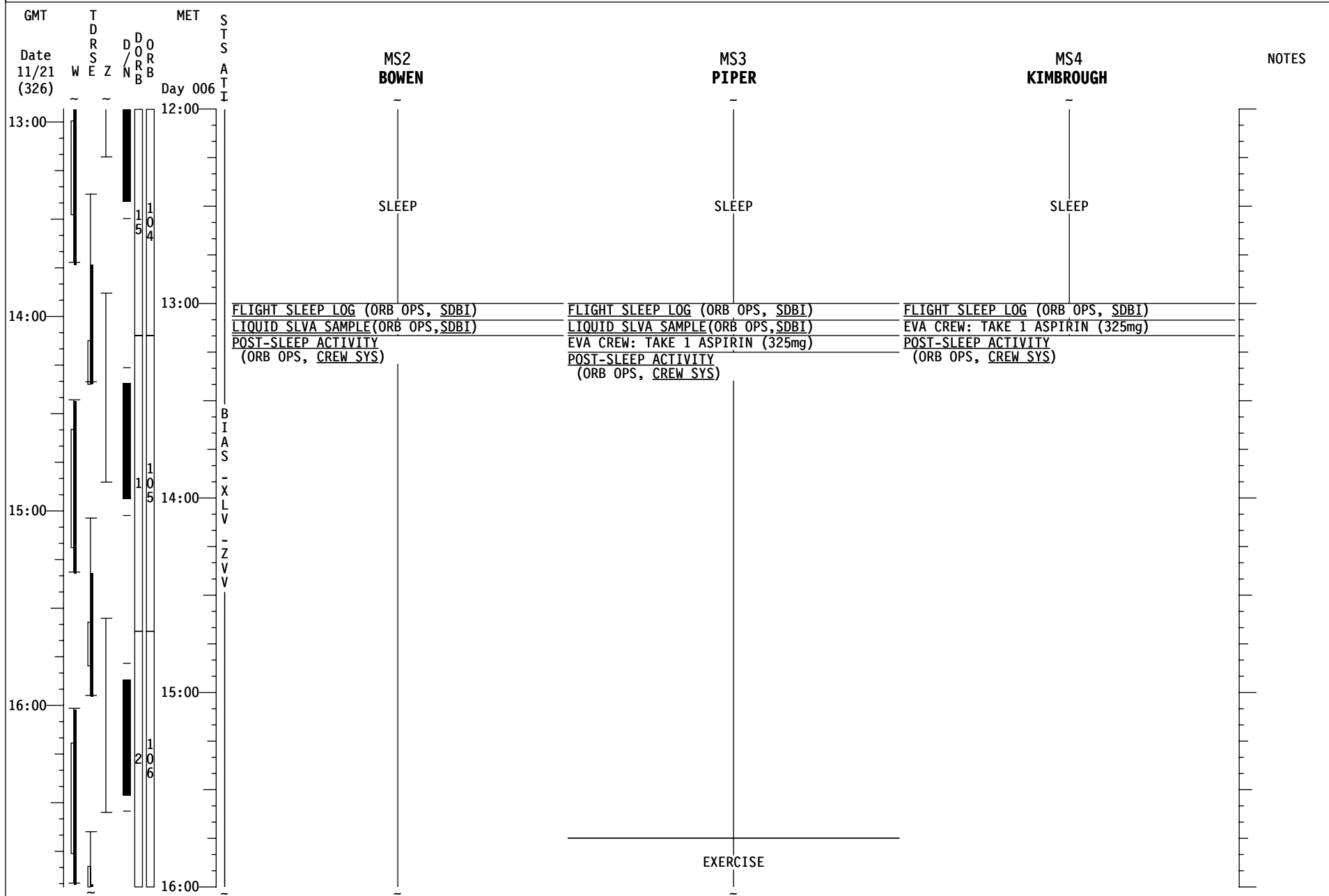
STS-126 FD (07)



STS-126 FD (08)



STS-126 FD (08)



STS-126 FD (08)

GMT	TDRSEZ	MET	SATS	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
Date 11/21 (326)	W E Z	Day 006	1				
17:00			2	<u>FILTER CLEANING</u> (IFM, SCHEDULED MAINTENANCE) Inspect filters and clean as necessary	<u>PWR FILL</u> (ORB OPS, ECLS) Init Fill #1 Fill SN TBS (Barcode #TBS) Fill dur ~30 min	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	
			3	<u>JOINT OPS: 3.110 HANDOVER ATTITUDE</u> CONTROL CMG TA to ORBITER	<u>WCS COMPACTOR OPS (DUAL-VANE)</u> (CUE CARD)		
			4	<u>MNVR (TRK)BIAS -ZLV -XV (REBOOST)</u> TG=2 BV=5 P=175 Y=0 OM=172 B12/AUTO/VERN Init TRK When in attitude, select DAP A	<u>N2 REPRESS INIT [A]</u>		
18:00			5	<u>AUTO REBOOST</u> (ORB OPS, REBOOST/DAP) CONFIG 3	<u>AUTO REBOOST</u> (ORB OPS, REBOOST/DAP) CONFIG 3		
			6		A N2 REPRESS USING PAYLOAD N2 VLVS (ORB OPS, ECLS) Steps 1-7, MCC will TMBU limits	EXERCISE	
			7		B N2 REPRESS USING PAYLOAD N2 VLVS (ORB OPS, ECLS) Steps 8-14, MCC will TMBU limits		
19:00			8	<u>MNVR (TRK) BIAS -XLV -ZVV</u> TG=2 BV=5 P=163 Y=354 OM=181 B12/AUTO/VERN Init TRK When in attitude, select DAP A	<u>PWR TRANSFER</u> Transfer 1 PWR to ISS	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	
			9	<u>IMU STAR OF OPPTY ALIGN (ORB OPS,GNC)</u>	<u>SHUTTLE CONDENSATE COLLECTION</u> (ORB OPS, ECLS) Perform CHANGEOUT Use CWC S/N XXX		
			10	<u>JOINT OPS: 3.111 HANDOVER ATTITUDE</u> CONTROL ORBITER to CMGTA	<u>N2 REPRESS TERM [B]</u>		
20:00			11	CREW CONFERENCE Ref. MSG XXX	CREW CONFERENCE Ref. MSG XXX	CREW CONFERENCE Ref. MSG XXX	
			12	CREW PHOTO	CREW PHOTO	CREW PHOTO	

STS-126 FD (08)

GMT	TDRS W E Z	MET Day 006	S T S A T I	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	NOTES
17:00				<u>POST-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS) <u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	EXERCISE	<u>POST-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS) <u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	
					<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books		
18:00			R E B O O S T	<u>IFM: 1.2.200 ETVCG ASSEMBLY</u>		<u>IFM: 1.2.200 ETVCG ASSEMBLY</u>	
				<u>EVA SYSTEMS: 1.530 METOX REGENERATION</u> (Terminate)		<u>EVA SYS: 1.605 BSA BATTERY RECHARGE</u> TERMINATE	
19:00				<u>EMU SWAP FOR EVA 3</u> (EVA, AIRLOCK CONFIG)	<u>EMU SWAP FOR EVA 3</u> (EVA, AIRLOCK CONFIG)	<u>EVA SYS: 1.605 BSA BATTERY RECHARGE</u> INITIATE Ref: <u>Battery Recharge Plan</u>	
			B I A S	<u>EVA SYSTEMS: 1.515 EMU METOX/LIOH/BATTERY</u> <u>REPLACEMENT</u> Install METOX Canisters Ref: <u>STS-126 CONSUMABLES TRACKING CC (EVA)</u>	<u>EVA SYSTEMS: 1.515 EMU METOX/LIOH/BATTERY</u> <u>REPLACEMENT</u> Ref: <u>STS-126 CONSUMABLES TRACKING CC (EVA)</u>	<u>P/TV05 ISS INTERNAL OPS</u> (PHOTO/TV, SCENES) Perform SETUP PAO EVENT	
20:00			X L V	CREW CONFERENCE Ref. MSG XXX	CREW CONFERENCE Ref. MSG XXX	CREW CONFERENCE Ref. MSG XXX	
			Z V V	CREW PHOTO	CREW PHOTO	CREW PHOTO	
20:00							

STS-126 FD (08)

GMT	TDRS W E Z	MET Day 006	S T S A T I	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
21:00	~	20:00		MEAL	MEAL	MEAL	
22:00	~	21:00		OFF DUTY	OFF DUTY	OFF DUTY	
23:00	~	22:00	B I A S - X L V - Z V V	EXERCISE	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	
00:00	~	23:00		<u>SHUTTLE/ISS H2O CNTR FILL</u> (ORB OPS, ECLS) INIT FILL #6 Ref. MSG XXX	EXERCISE		
	~	00:00		<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books		

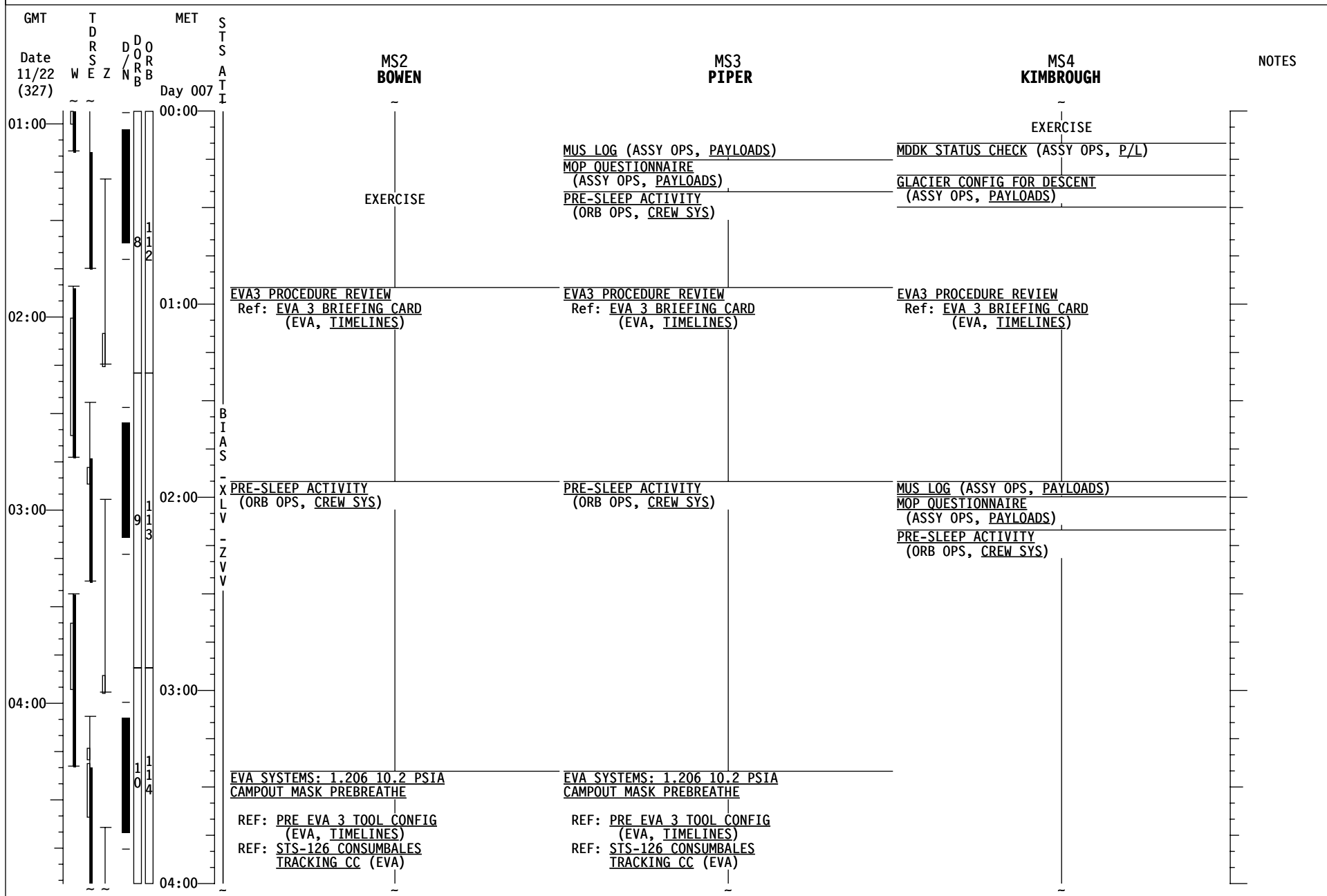
STS-126 FD (08)

GMT	TDRS WSEZ	MET Day 006	S T S A T I	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	NOTES
21:00		20:00		MEAL	MEAL	MEAL	
22:00		21:00		OFF DUTY	OFF DUTY	OFF DUTY	
23:00		22:00		<u>EVA SYSTEMS: 1.305 EQUIPMENT</u> <u>LOCK PREP</u> Steps 1-3 not req'd Ref: <u>STS-126 CONSUMABLES</u> <u>TRACKING CC (EVA)</u>	<u>EVA SYSTEMS: 1.305 EQUIPMENT</u> <u>LOCK PREP</u> Steps 1-3 not req'd Ref: <u>STS-126 CONSUMABLES</u> <u>TRACKING CC (EVA)</u>	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	
		23:00		<u>EVA TOOL CONFIG</u> (EVA, <u>TIMELINES</u>)	<u>EVA TOOL CONFIG</u> (EVA, <u>TIMELINES</u>)	<u>P/TV10 (GLACIER) PHOTO</u> (PHOTO/TV, <u>SCENES</u>) Perform OPS Item 1 <u>P/TV10 (GLACIER) VIDEO</u> (PHOTO/TV, <u>SCENES</u>) Perform OPS Item 1	
00:00		00:00		EXERCISE		EXERCISE	

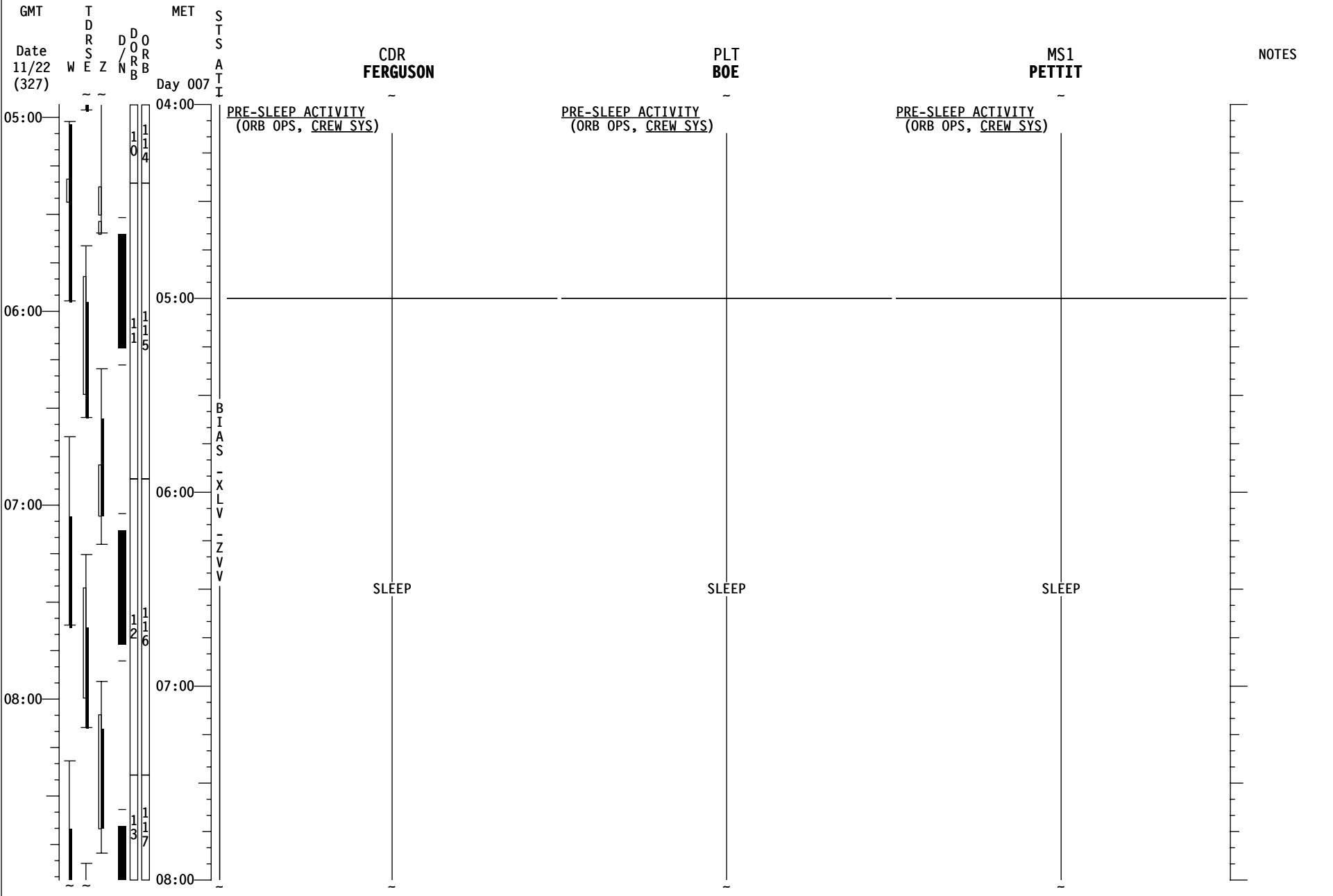
STS-126 FD (08)

GMT Date 11/22 (327)	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 I	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
01:00				<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	
				<u>SHUTTLE/ISS H2O CNTR FILL</u> (ORB OPS, ECLS) Perform <u>FILL TERMINATION</u>			
				<u>CWC TRANSFER</u> Transfer 1 CWC to ISS			
					<u>TRANSFER TAGUP</u> Coordinate with xfer counterpart	<u>TRANSFER TAGUP</u> Coordinate with xfer counterpart	
02:00				<u>EVA3 PROCEDURE REVIEW</u> Ref: <u>EVA 3 BRIEFING CARD</u> (EVA, <u>TIMELINES</u>)	<u>EVA3 PROCEDURE REVIEW</u> Ref: <u>EVA 3 BRIEFING CARD</u> (EVA, <u>TIMELINES</u>)	<u>EVA3 PROCEDURE REVIEW</u> Ref: <u>EVA 3 BRIEFING CARD</u> (EVA, <u>TIMELINES</u>)	
03:00				X <u>MUS LOG (ASSY OPS, PAYLOADS)</u> L <u>PRE-SLEEP ACTIVITY</u> V (ORB OPS, <u>CREW SYS</u>)	X <u>MUS LOG (ASSY OPS, PAYLOADS)</u> L <u>PRE-SLEEP ACTIVITY</u> V (ORB OPS, <u>CREW SYS</u>)	<u>TRANSFER BRIEF</u> Call down status to MCC	
						<u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, <u>CREW SYS</u>)	
				<u>PRIVATE MEDICAL CONFERENCE (A/G)</u>			
04:00				<u>PRE-SLEEP ACTIVITY</u> (ORB OPS, <u>CREW SYS</u>)			
04:00							

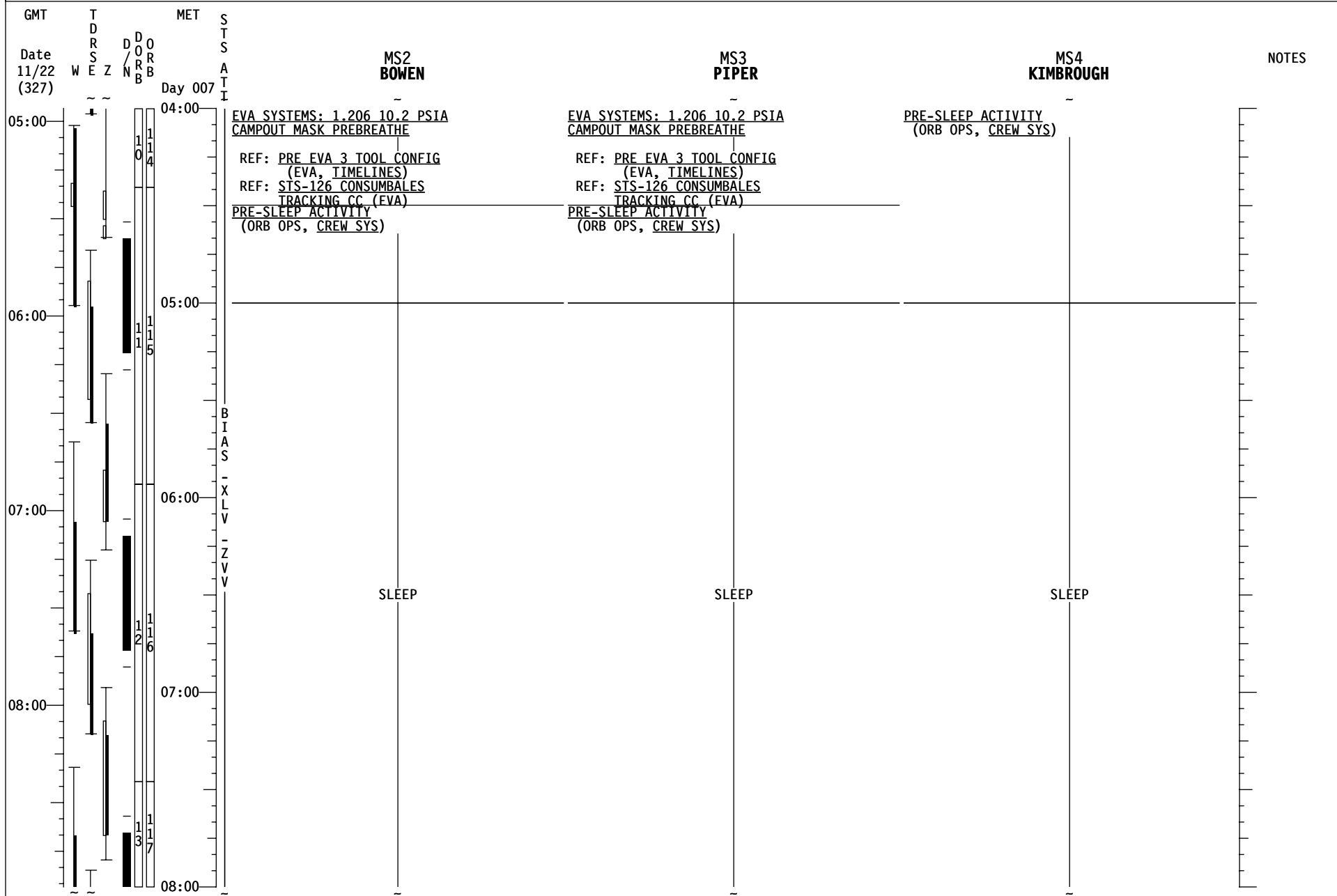
STS-126 FD (08)



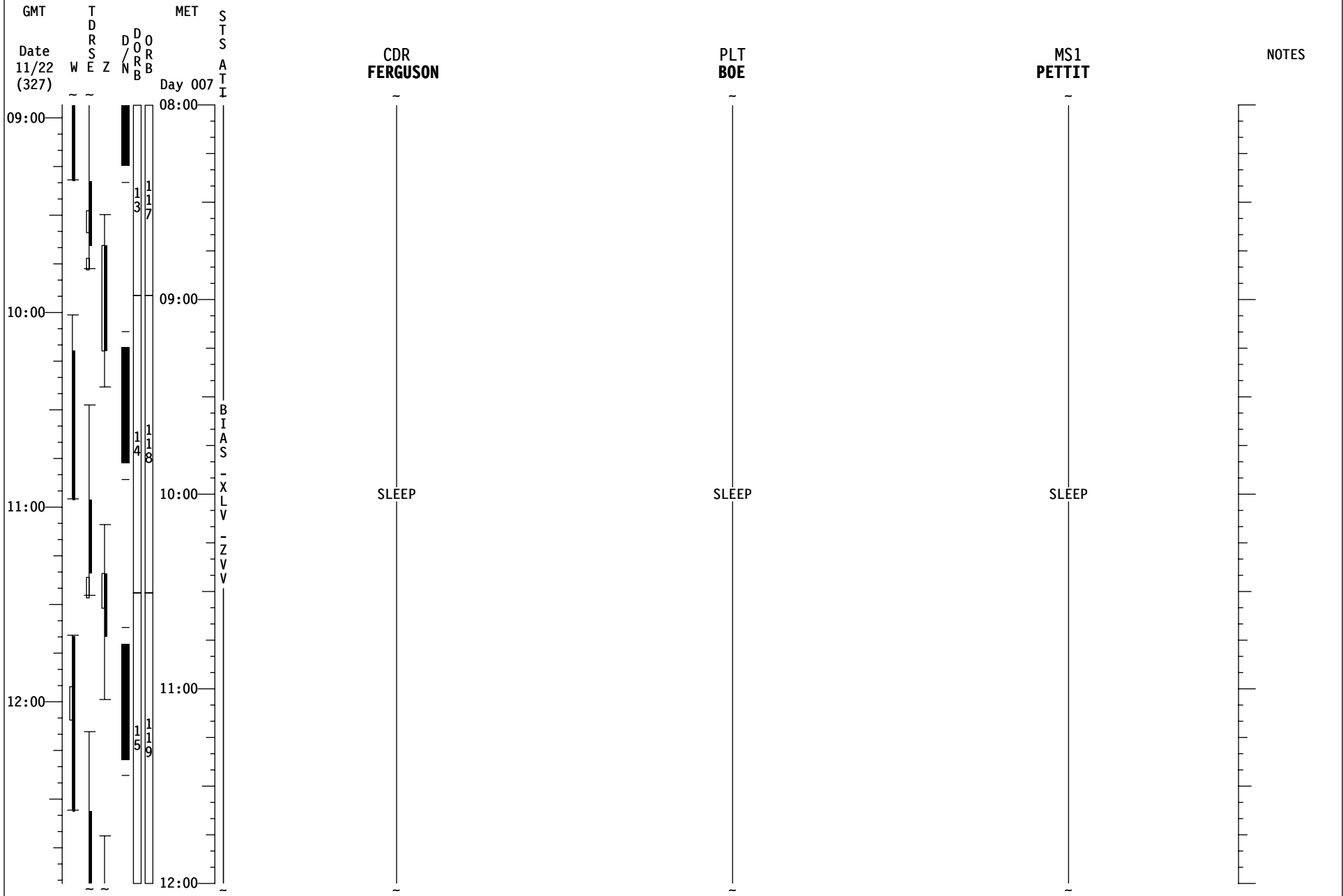
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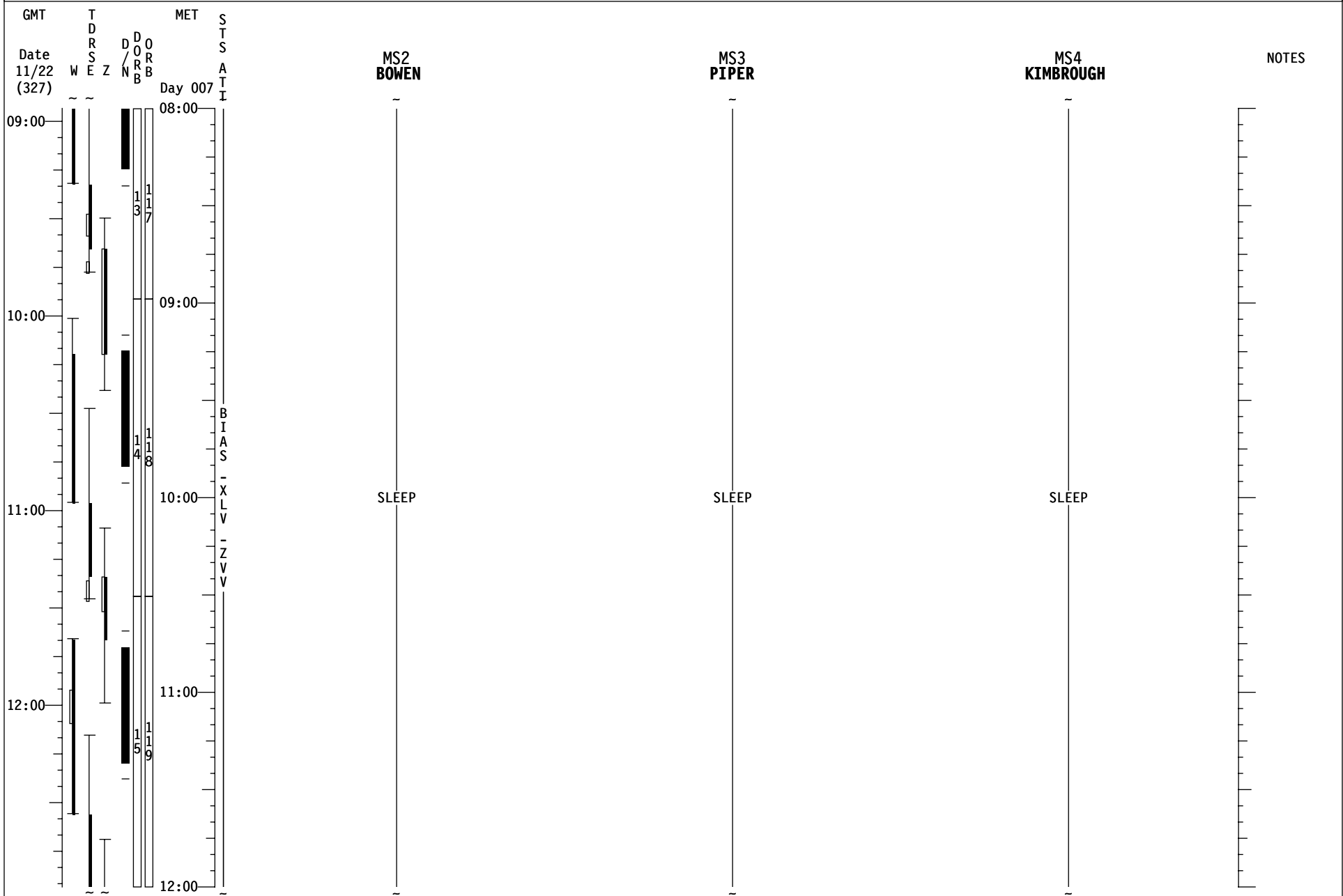
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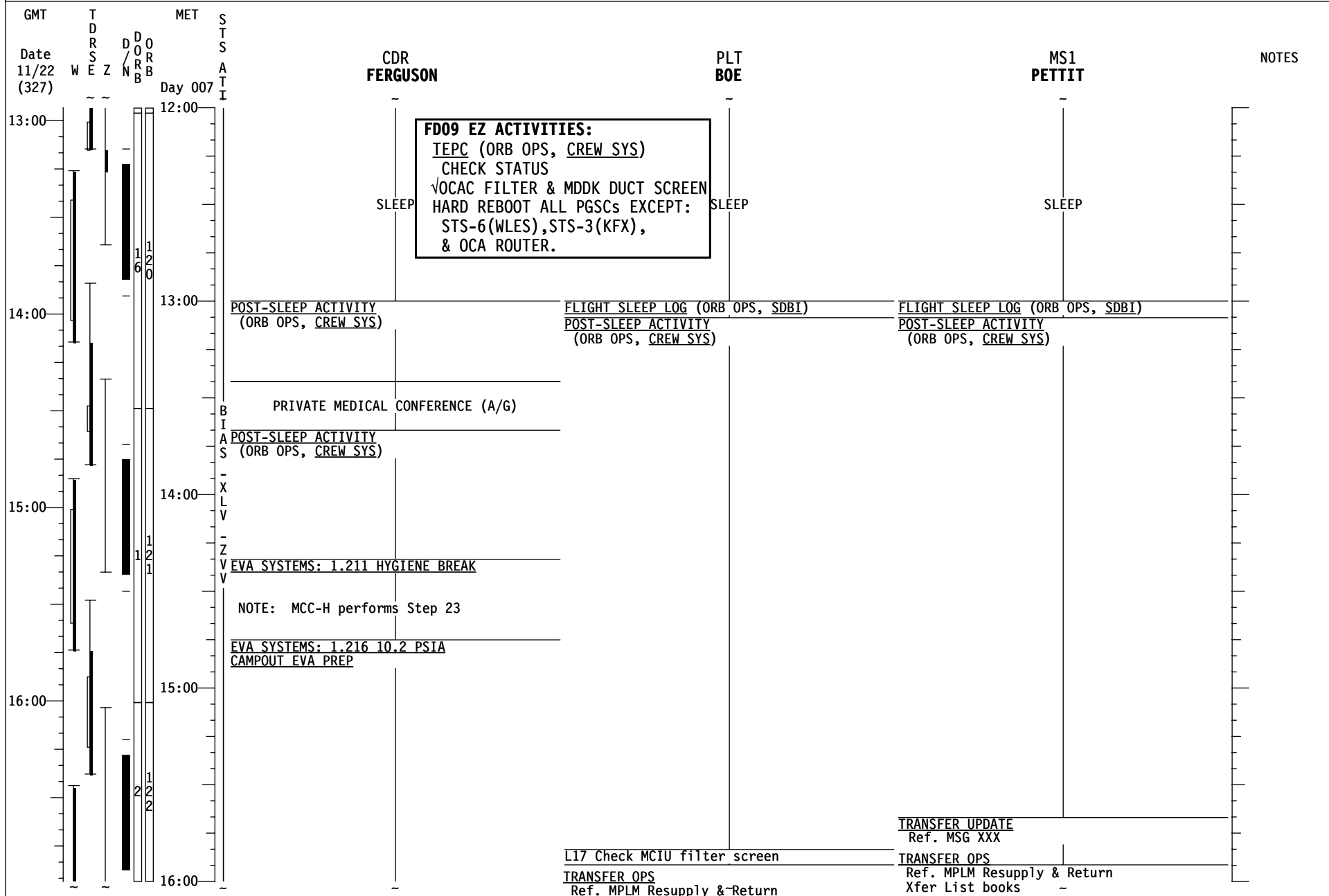
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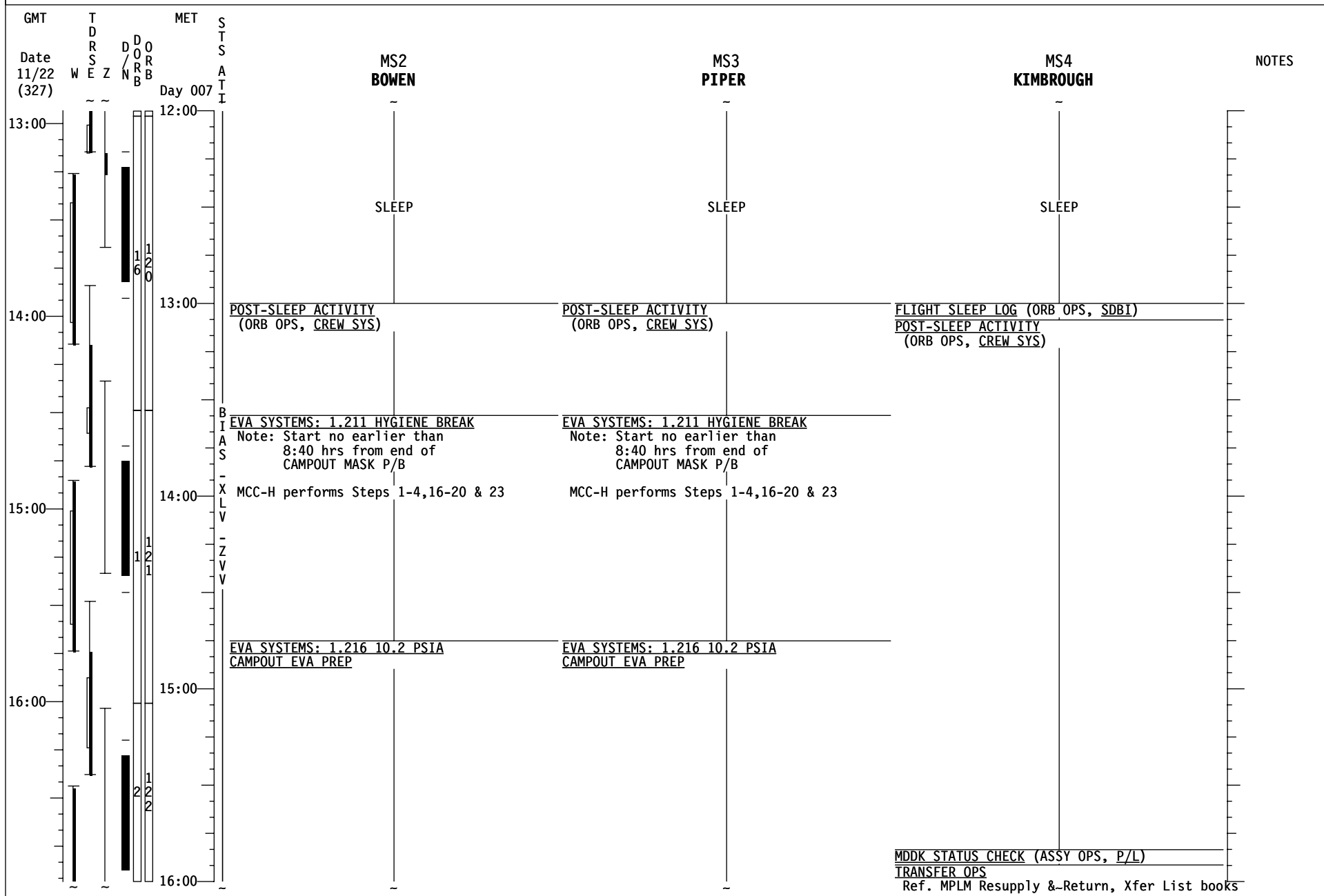
STS-126 FD (08)



STS-126 FD (09)



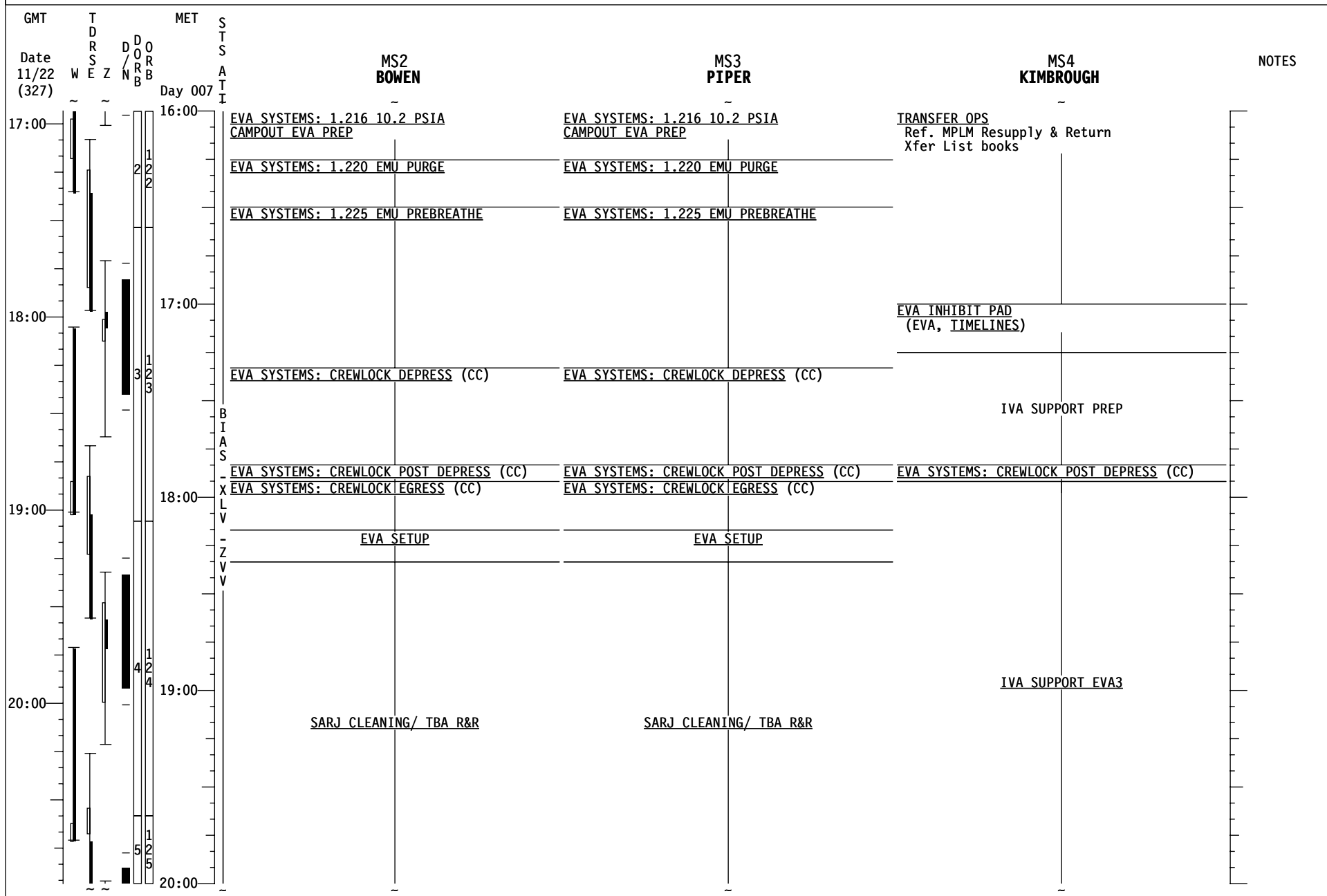
STS-126 FD (09)



STS-126 FD (09)

GMT	TDRS WSEZ	MET	S T S	C D R	P L T	M S 1	N O T E S
Date 11/22 (327)		Day 007		FERGUSON	BOE	PETTIT	
17:00				EVA SYSTEMS: 1.216 10.2 PSIA <u>CAMPOUT EVA PREP</u>	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	
				EVA SYSTEMS: 1.220 EMU PURGE			
				EVA SYSTEMS: 1.225 EMU PREBREATHE			
18:00				EVA SYSTEMS: CREWLOCK DEPRESS (CC)	<u>P/TV07 EVA</u> (PHOTO/TV, <u>SCENES</u>) Setup		
				IMU STAR OF OPPTY ALIGN (ORB OPS,GNC)			
19:00				X P/TV07 EVA L (PHOTO/TV, <u>SCENES</u>) V Ops	<u>SHUTTLE/ISS H2O CNTR FILL</u> (ORB OPS, <u>ECLS</u>) INIT FILL #7 Ref. MSG XXX	<u>SPACEDRUM XFER</u> (ASSY OPS, <u>TRANSFER</u>)	
20:00				EXERCISE	<u>SHUTTLE/ISS H2O CNTR FILL</u> (ORB OPS, <u>ECLS</u>) Perform <u>FILL TERMINATION</u>	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	
					<u>SHUTTLE/ISS H2O CNTR FILL</u> (ORB OPS, <u>ECLS</u>) INIT FILL #8 Ref. MSG XXX		
					EXERCISE		
20:00							

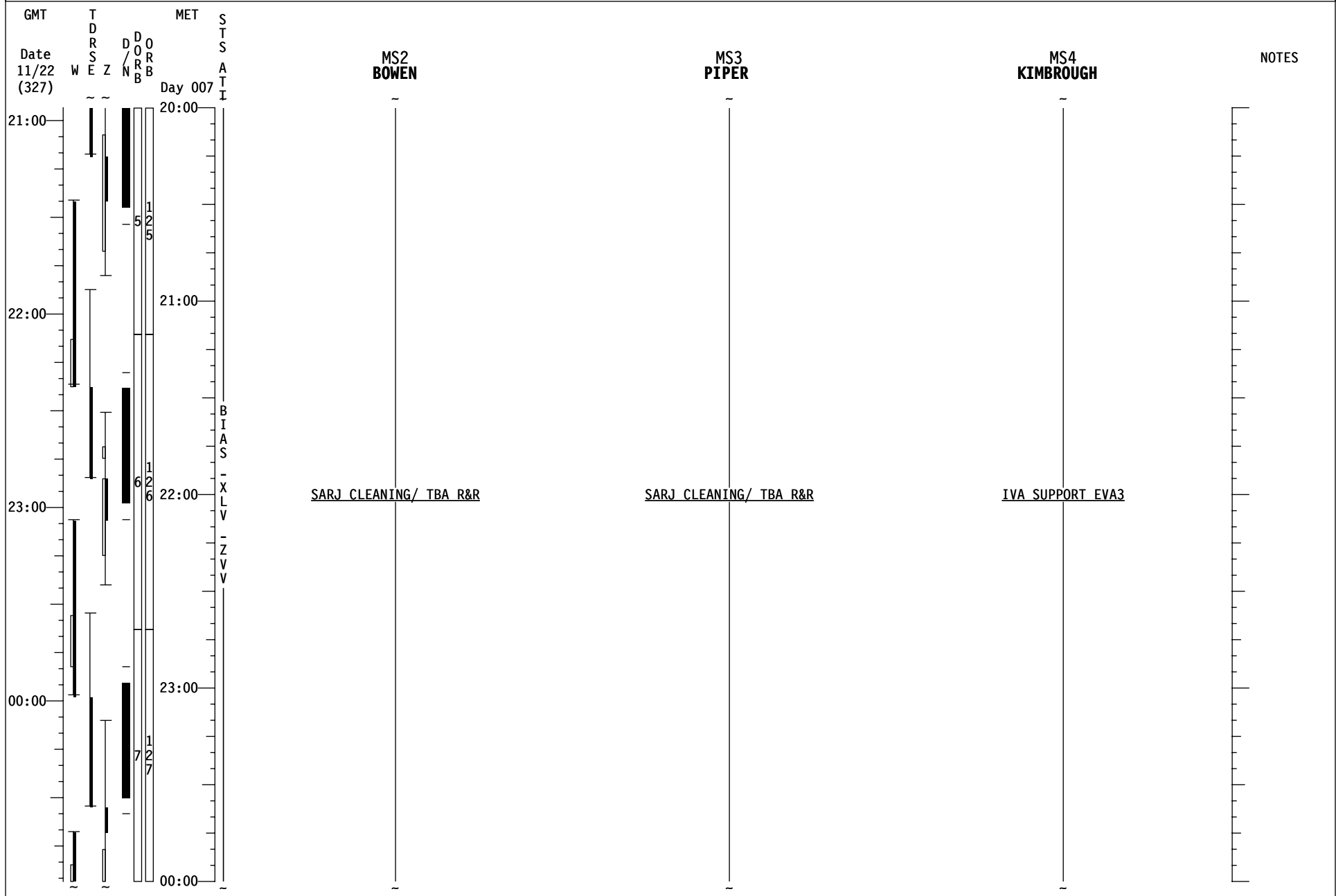
STS-126 FD (09)



STS-126 FD (09)

GMT Date 11/22 (327)	TDRS W E Z	DORB D/N/B	MET Day 007	STS A/T/I	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
21:00			20:00		P/TV07 EVA (PHOTO/TV, SCENES) Ops	EXERCISE	TRANSFER OPS Ref. MPLM Resupply & Return Xfer List books	
						SHUTTLE/ISS H2O CNTR FILL (ORB OPS, ECLS) Perform FILL TERMINATION		
						CWC TRANSFER Transfer 2 CWCs to ISS		
22:00			21:00					
					MEAL	MEAL	MEAL	
23:00			22:00					
					TRANSFER OPS Ref. MPLM Resupply & Return Xfer List books	TRANSFER OPS Ref. MPLM Resupply & Return Xfer List books	TRANSFER OPS Ref. MPLM Resupply & Return Xfer List books	
00:00			23:00					
							EXERCISE	
			00:00					

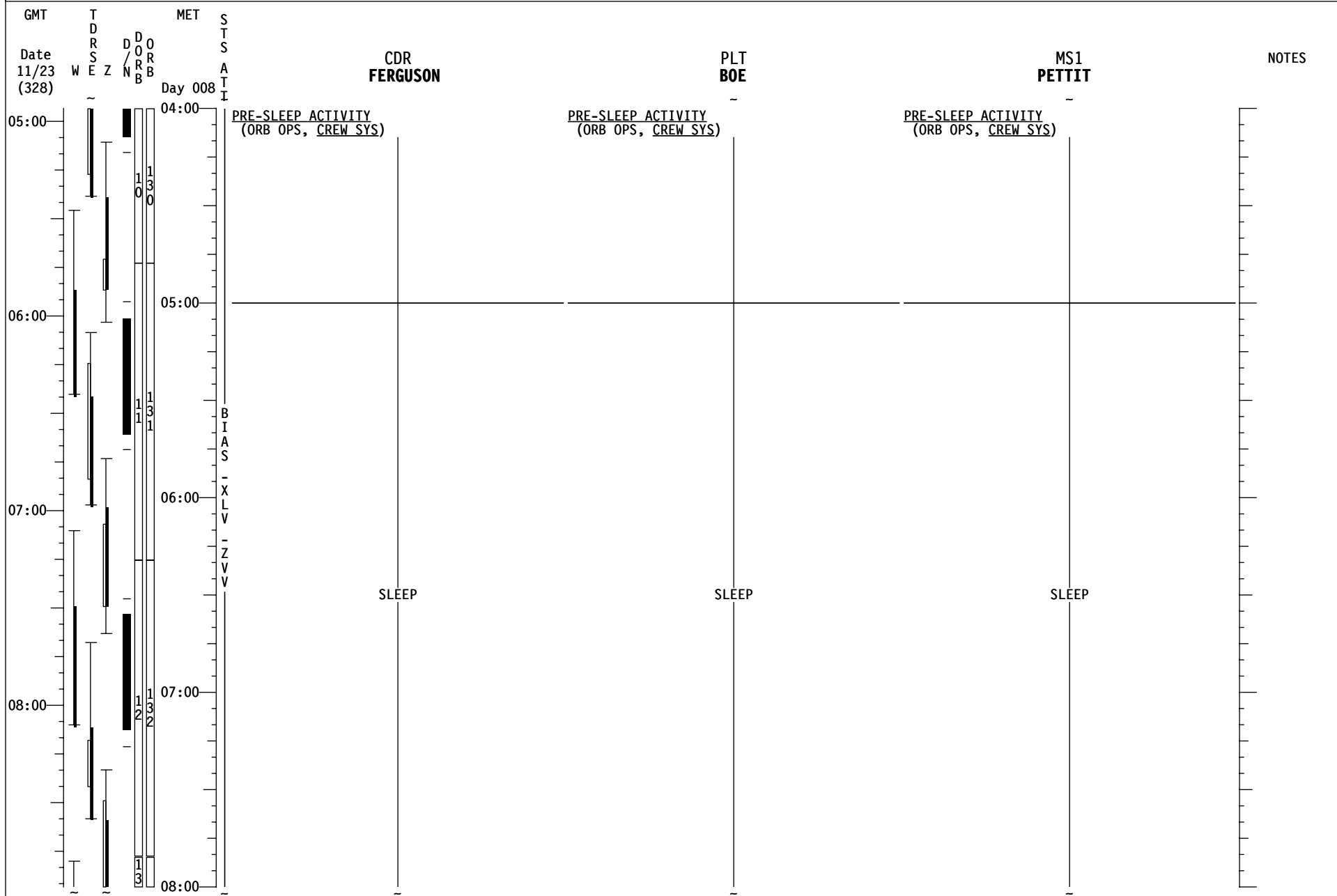
STS-126 FD (09)



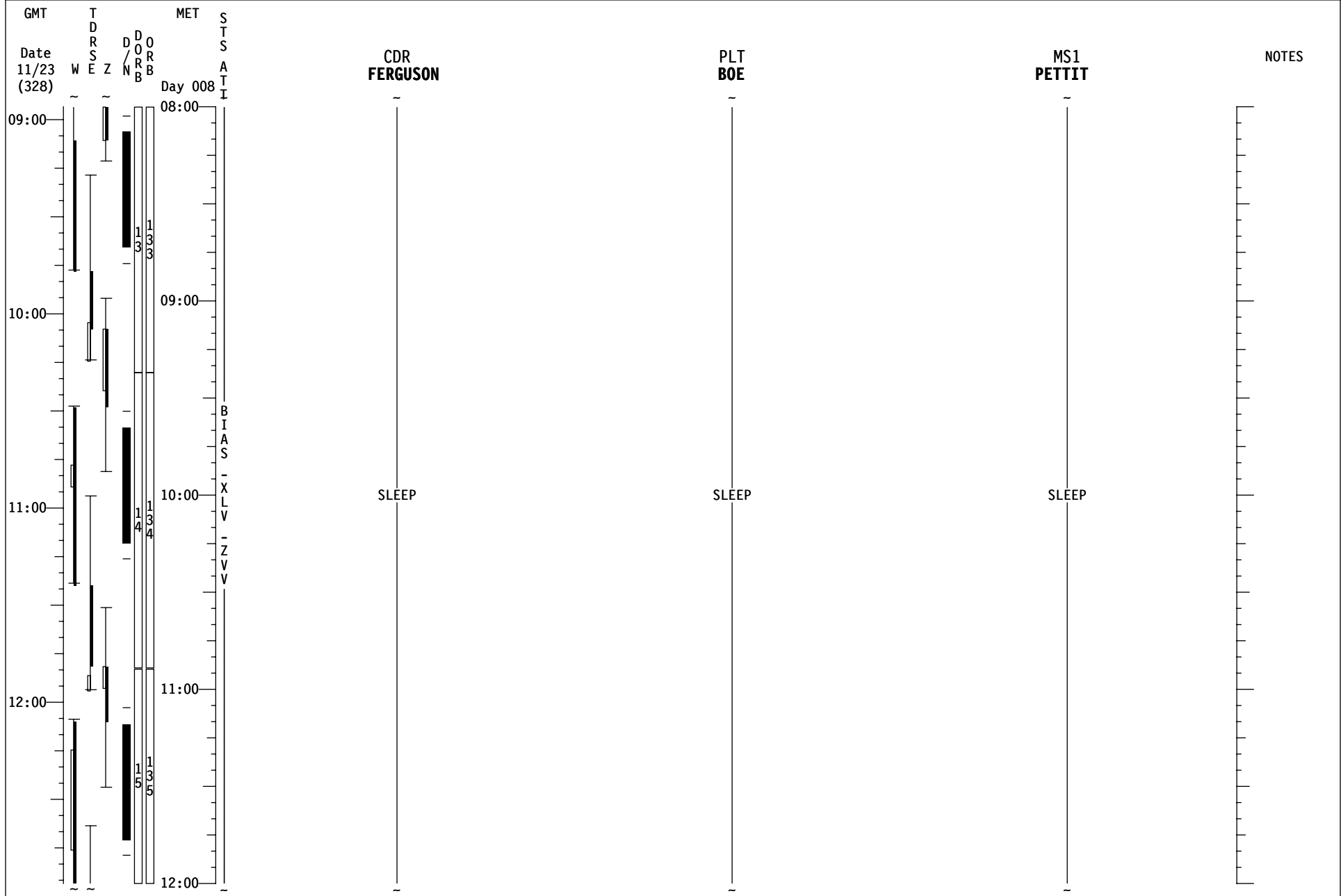
STS-126 FD (09)

GMT	TDRSEZ	MET	SATS	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
Date 11/23 (328)	W E Z	Day 008	127				
01:00		00:00	127	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books		
				<u>P/TV05 ISS INTERNAL OPS</u> (PHOTO/TV, SCENES) Perform SETUP PAO EVENT		EXERCISE	
				<u>EVA SYSTEMS: PRE REPRESS (CC)</u> <u>EVA SYSTEMS: CREWLOCK REPRESS (CC)</u>		<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	
02:00		01:00	128	<u>EVA SYSTEMS: 1.240 POST EVA</u> With H2O Do not perform Step 40 MCC-H will perform Steps 44 & 68 Ref: <u>STS-126 CONSUMABLES TRACKING CC (EVA)</u> Ref: <u>STS-126 Battery Recharge Plan</u>			
				<u>BIAS</u>	<u>TRANSFER TAGUP</u> Coordinate with xfer counterpart	<u>TRANSFER TAGUP</u> Coordinate with xfer counterpart	
03:00		02:00	129	<u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>OBSS MNVR FROM STBD SARJ</u> <u>CLEANING TO MPLM VIEWING</u> (PDRS, OBSS NOMINAL) <u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>TRANSFER BRIEF</u> Call down status to MCC	
						<u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	
04:00		03:00	130	<u>NETMEETING VIDEO CONFERENCING</u> (ORB OPS, PGSC) Private Medical Conference KU TDRE (03:44-04:20)			

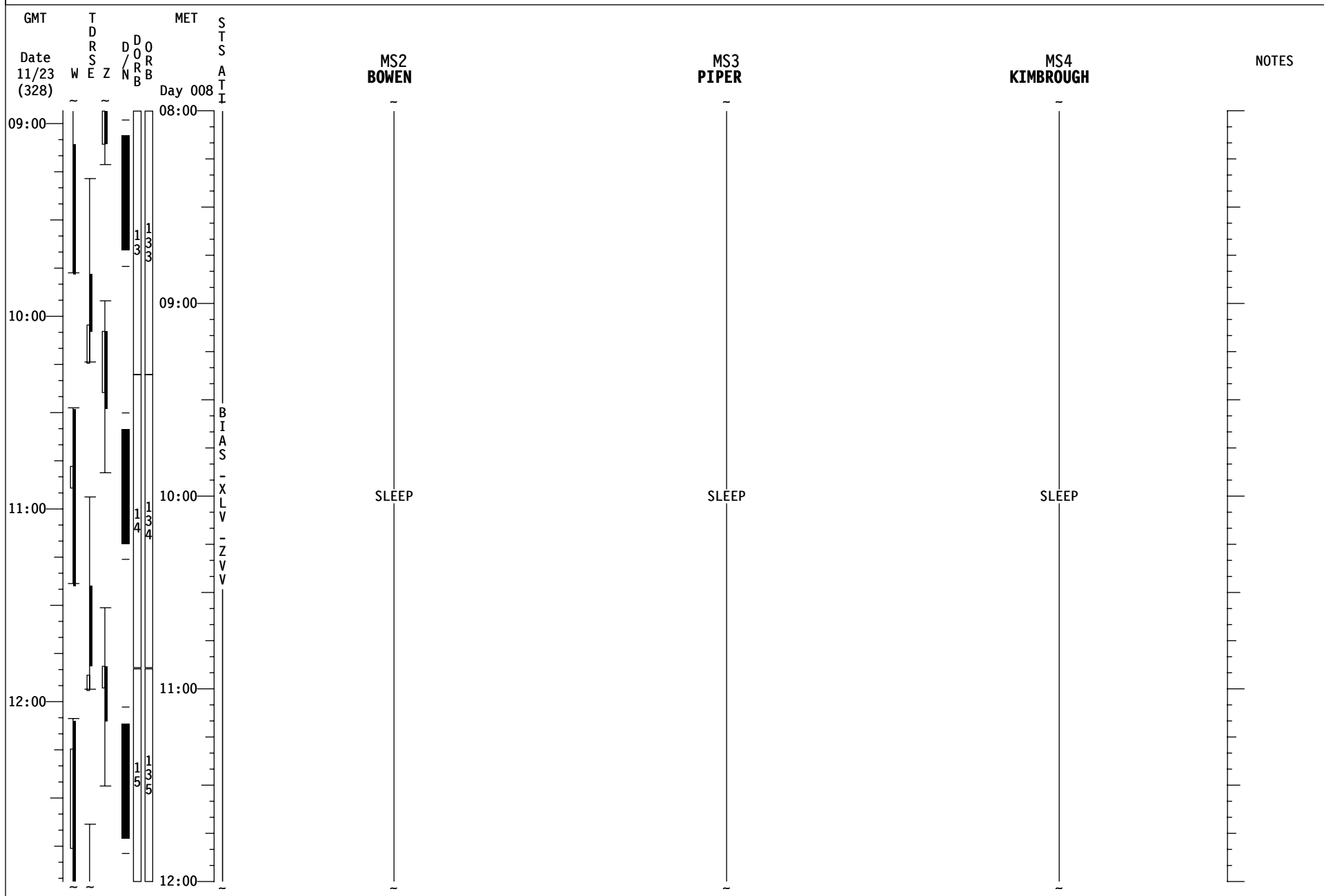
STS-126 FD (09)



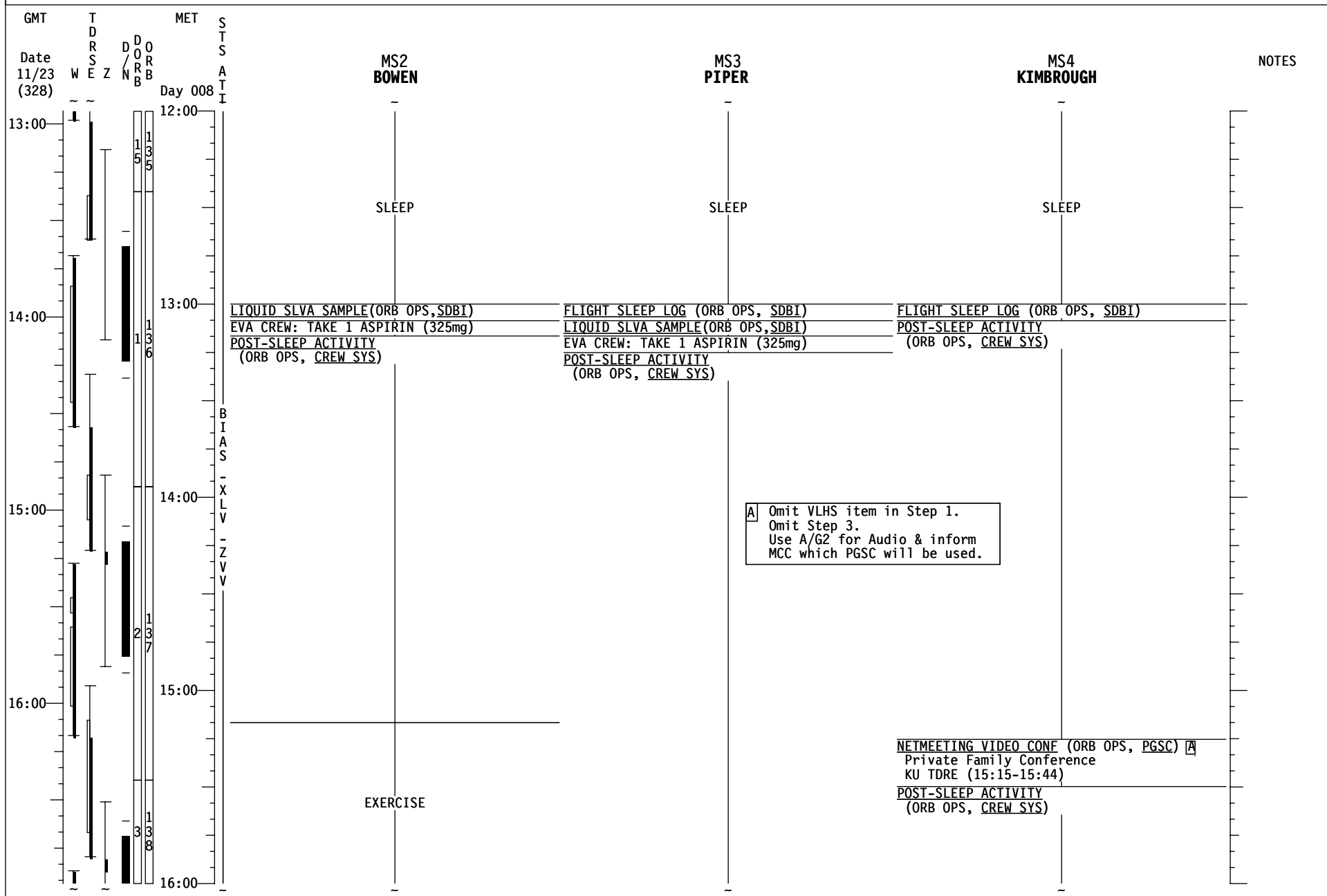
STS-126 FD (09)



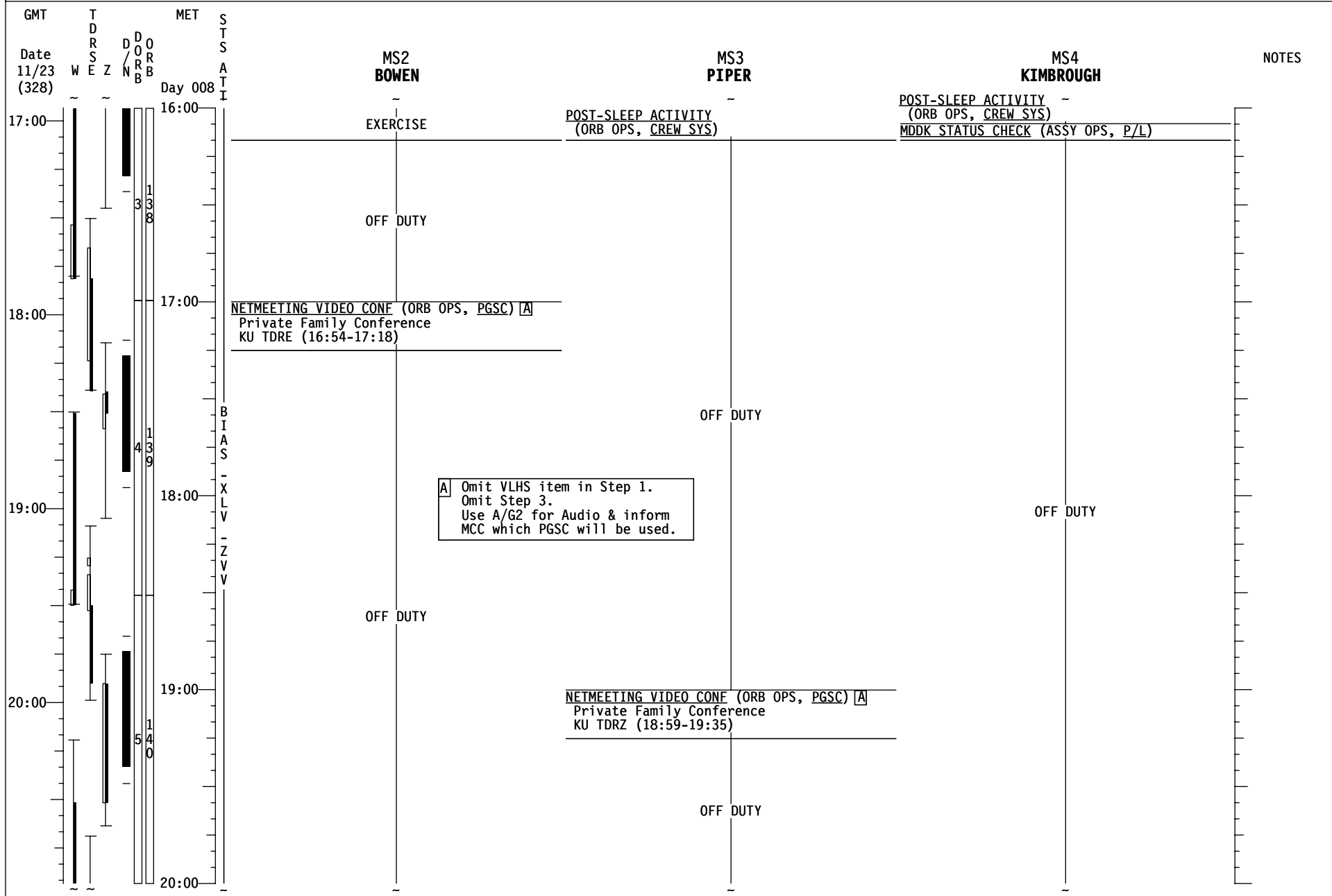
STS-126 FD (09)



STS-126 FD (10)



STS-126 FD (10)

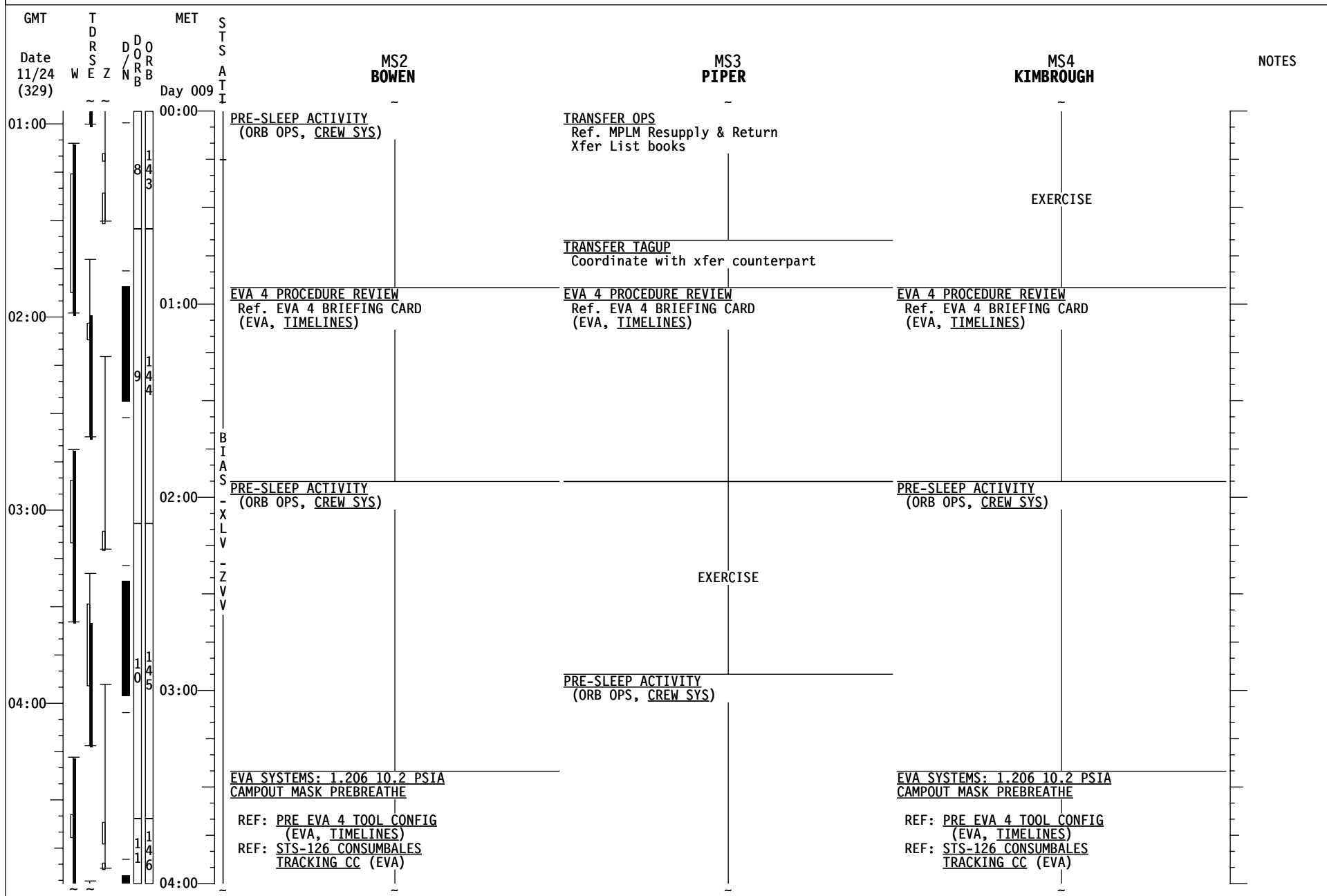


[A] Omit VLHS item in Step 1.
Omit Step 3.
Use A/G2 for Audio & inform
MCC which PGSC will be used.

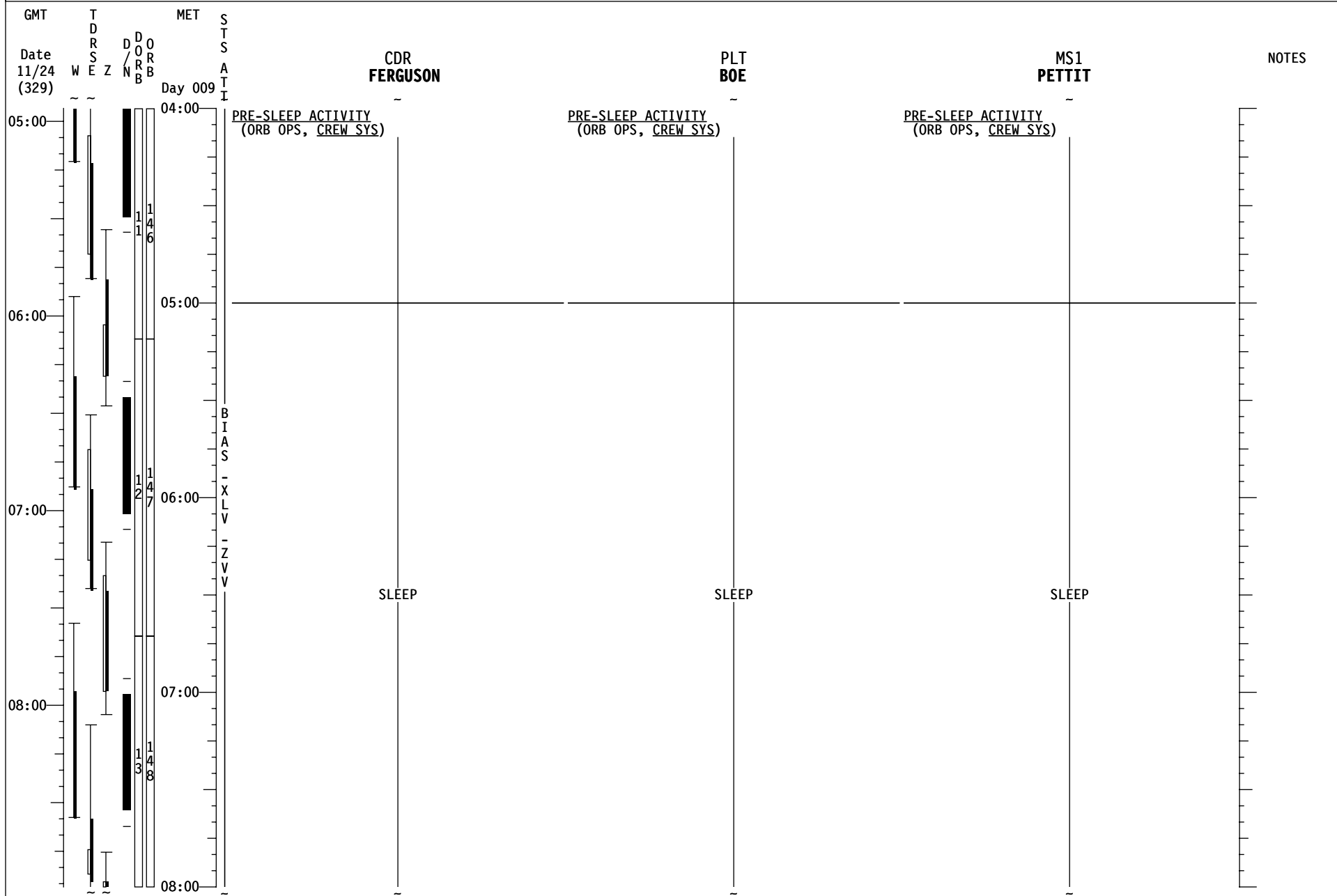
STS-126 FD (10)

GMT	TDRSEZ	MET	SATS	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
Date 11/24 (329)	W	Day 009	I				
01:00	143	00:00		<u>CWC OVERBOARD DUMP</u> (ORB OPS, ECLS) Perform <u>DUMP TERMINATION</u>	EXERCISE	<u>TRANSFER OPS</u> Ref. MPLM Resupply & Return Xfer List books	
	143			<u>MNVR (TRK) BIAS -XLV -ZVV</u> TG=2 BV=5 P=163 Y=354 OM=181 B12/AUTO/VERN Init TRK When in attitude, select DAP A <u>IMU STAR OF OPPTY ALIGN (ORB OPS,GNC)</u> <u>MDDK STATUS CHECK (ASSY OPS, P/L)</u> <u>JOINT OPS: 3.111 HANDOVER ATTITUDE</u> <u>CONTROL ORBITER to CMGTA</u>	<u>SHUTTLE/ISS H2O CNTR FILL</u> (ORB OPS, ECLS) INIT FILL #9 Ref. MSG XXX	<u>TRANSFER TAGUP</u> Coordinate with xfer counterpart	
02:00	144	01:00		<u>EVA 4 PROCEDURE REVIEW</u> Ref. EVA 4 BRIEFING CARD (EVA, TIMELINES)	<u>EVA 4 PROCEDURE REVIEW</u> Ref. EVA 4 BRIEFING CARD (EVA, TIMELINES)	<u>EVA 4 PROCEDURE REVIEW</u> Ref. EVA 4 BRIEFING CARD (EVA, TIMELINES)	
	144						
03:00	144	02:00		<u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>SHUTTLE/ISS H2O CNTR FILL</u> (ORB OPS, ECLS) Perform <u>FILL TERMINATION</u>	<u>TRANSFER BRIEF</u> Call down status to MCC	
	144				<u>CWC TRANSFER</u> Transfer 1 CWC to ISS		
	144			PRIVATE MEDICAL CONFERENCE (A/G)	<u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	
04:00	145	03:00		<u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)			
	145						
	146	04:00					

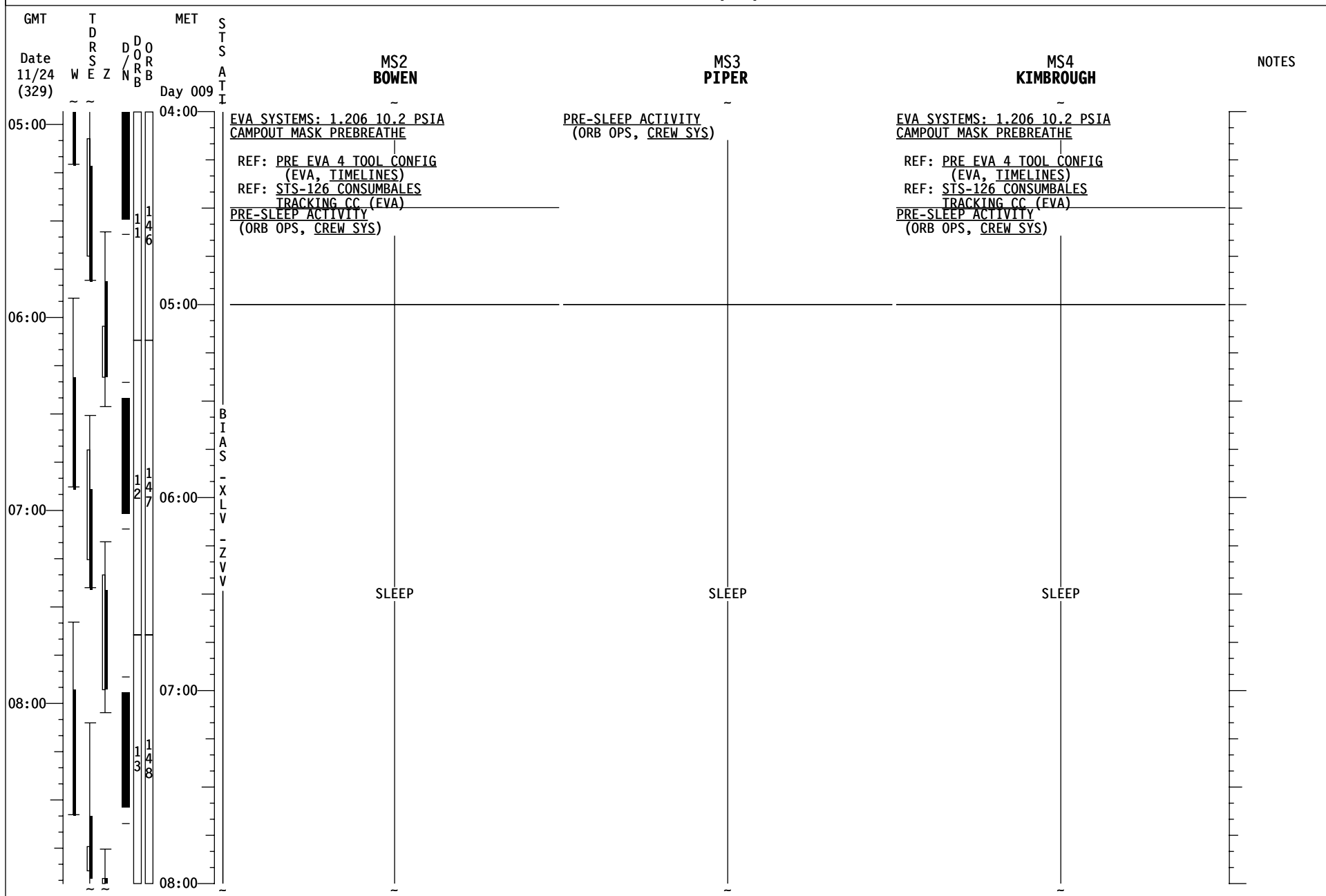
STS-126 FD (10)



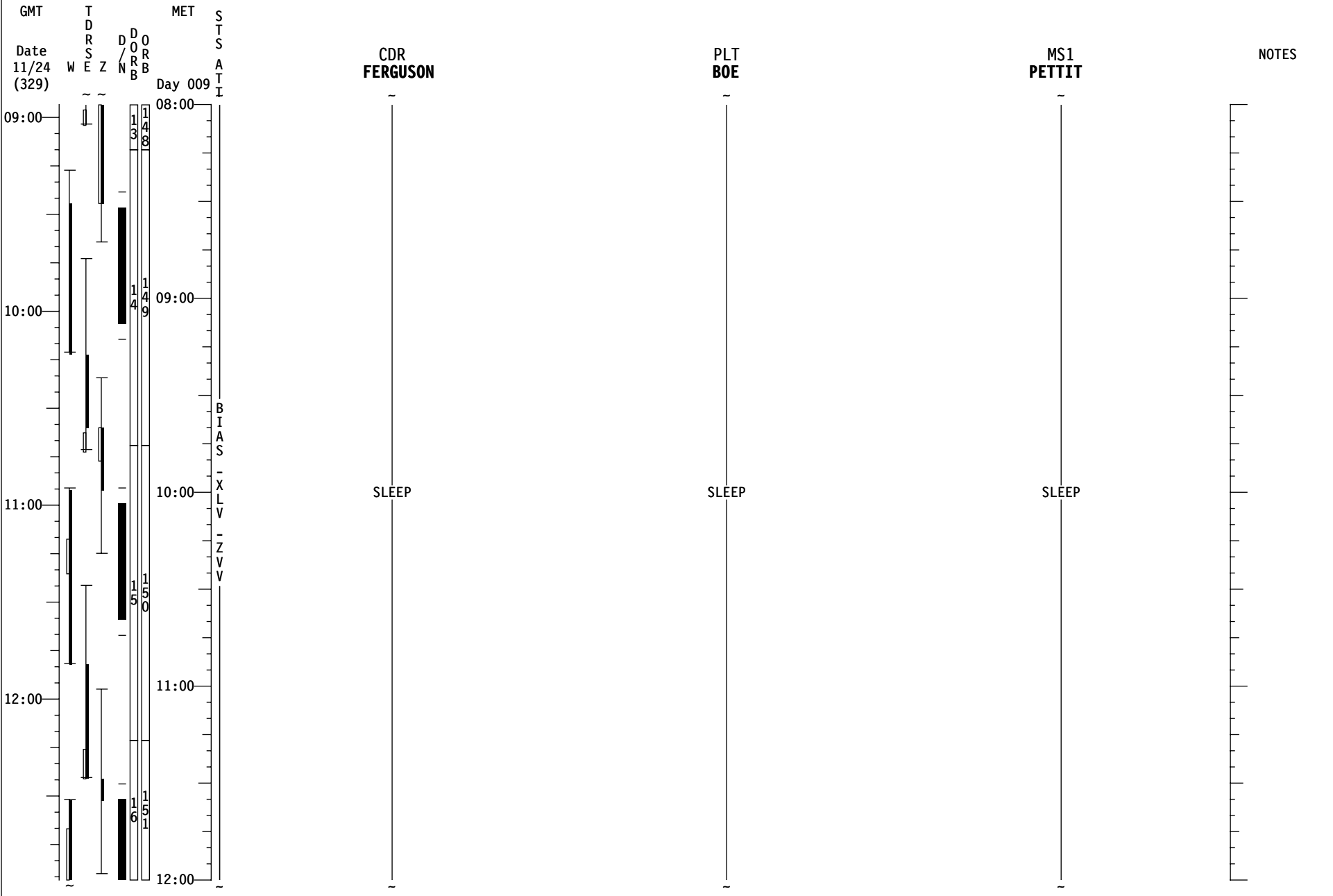
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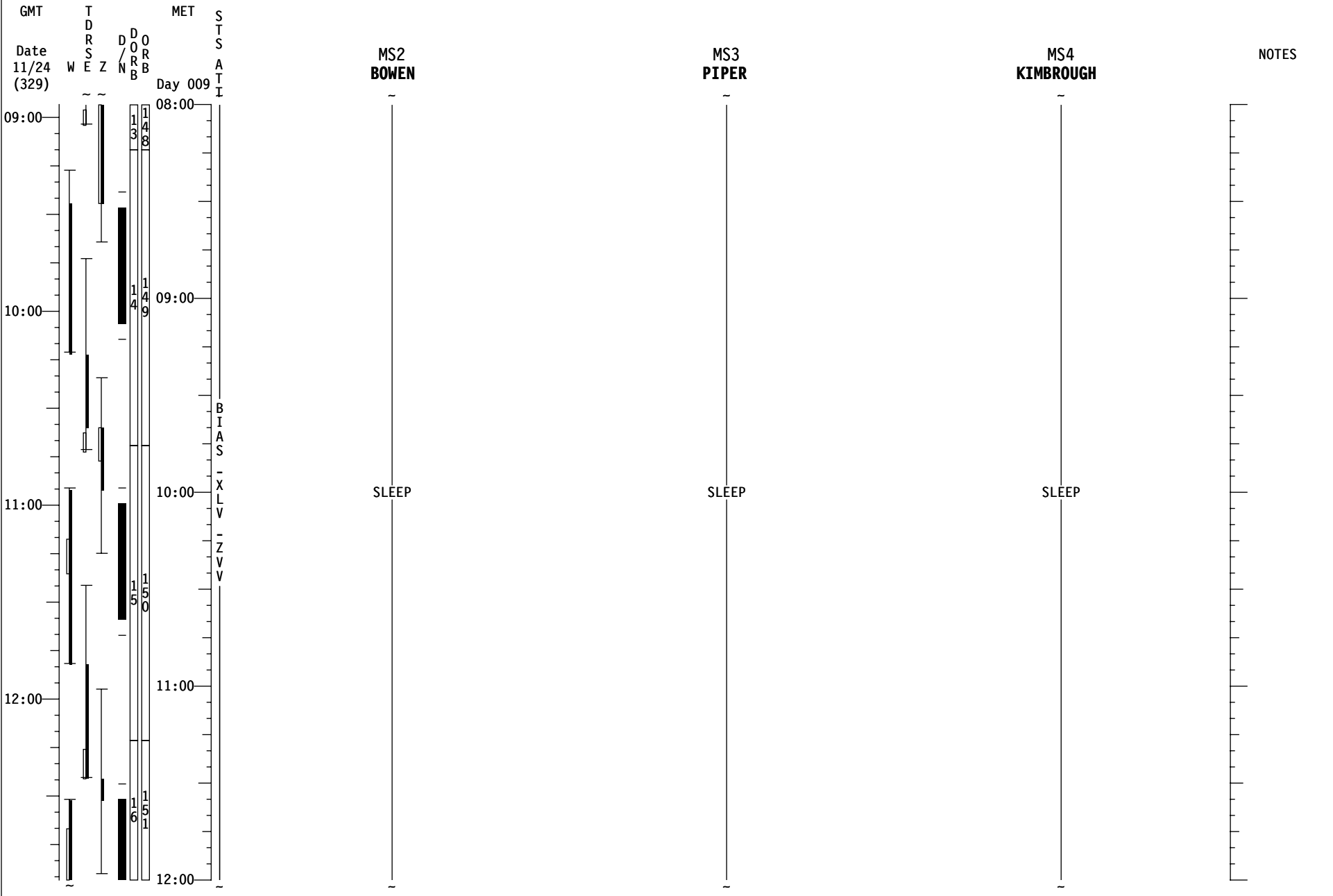
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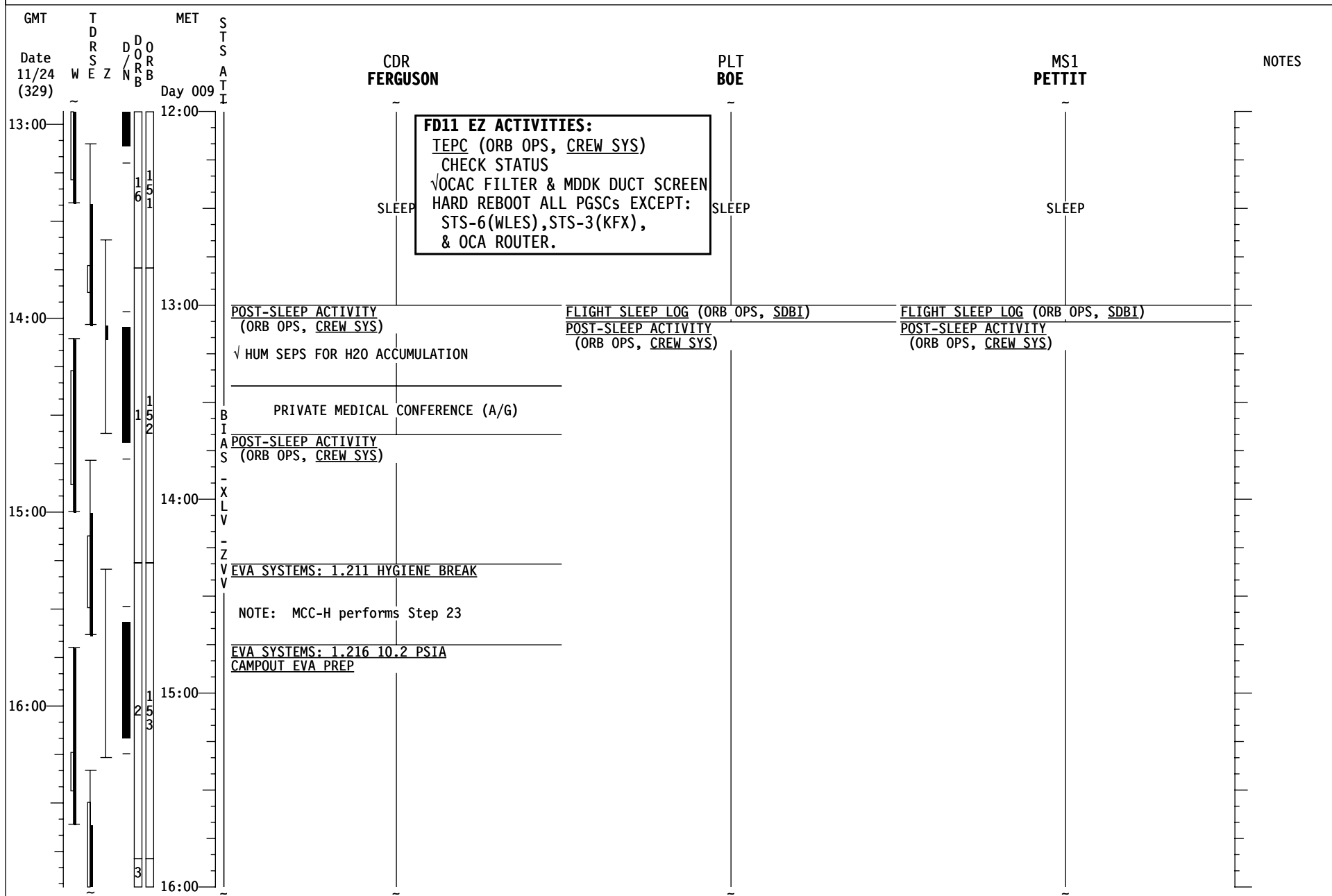
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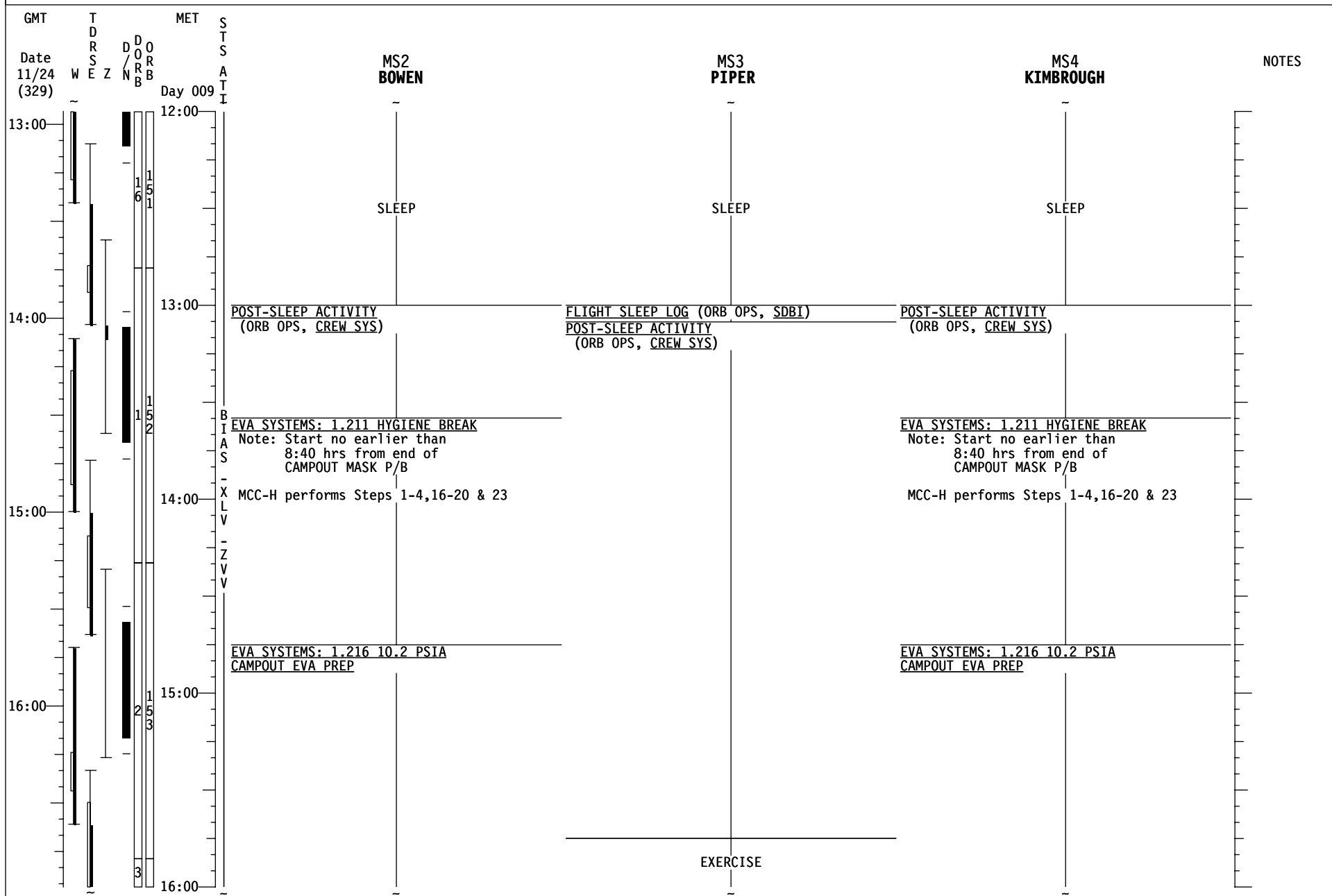
STS-126 FD (10)



STS-126 FD (11)



STS-126 FD (11)



STS-126 FD (11)

GMT	TDRSEZ	MET	SSTS	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
Date 11/24 (329)	W	Day 009	I				
17:00				EVA SYSTEMS: 1.216 10.2 PSIA CAMPOUT EVA PREP	POST-SLEEP ACTIVITY - (ORB OPS, CREW SYS) L17 Check MCIU filter, screen	POST-SLEEP ACTIVITY - (ORB OPS, CREW SYS) TRANSFER UPDATE Ref. MSG XXX	
				EVA SYSTEMS: 1.220 EMU PURGE	TRANSFER OPS Ref. MPLM Resupply & Return Xfer List books		
				EVA SYSTEMS: 1.225 EMU PREBREATHE		EXERCISE	
18:00				EVA SYSTEMS: CREWLOCK DEPRESS (CC)	IVA SUPPORT PREP	TRANSFER OPS Ref. MPLM Resupply & Return Xfer List books	
				MDDK STATUS CHECK (ASSY OPS, P/L)			
				X IMU STAR OF OPPTY ALIGN (ORB OPS, GNC)	EVA SYSTEMS: CREWLOCK POST DEPRESS (CC)		
19:00				P/TV07 EVA Z (PHOTO/TV, SCENES) Ops			
					EVA4 IVA SUPPORT		
20:00				EXERCISE		MEAL	

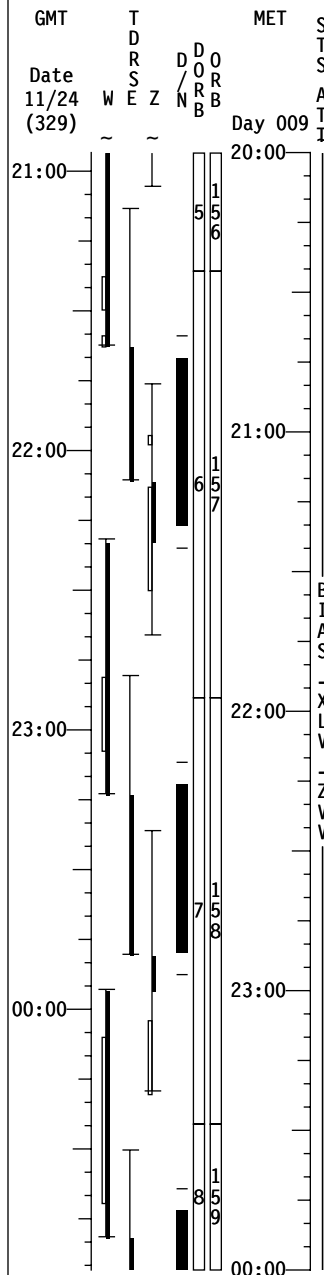
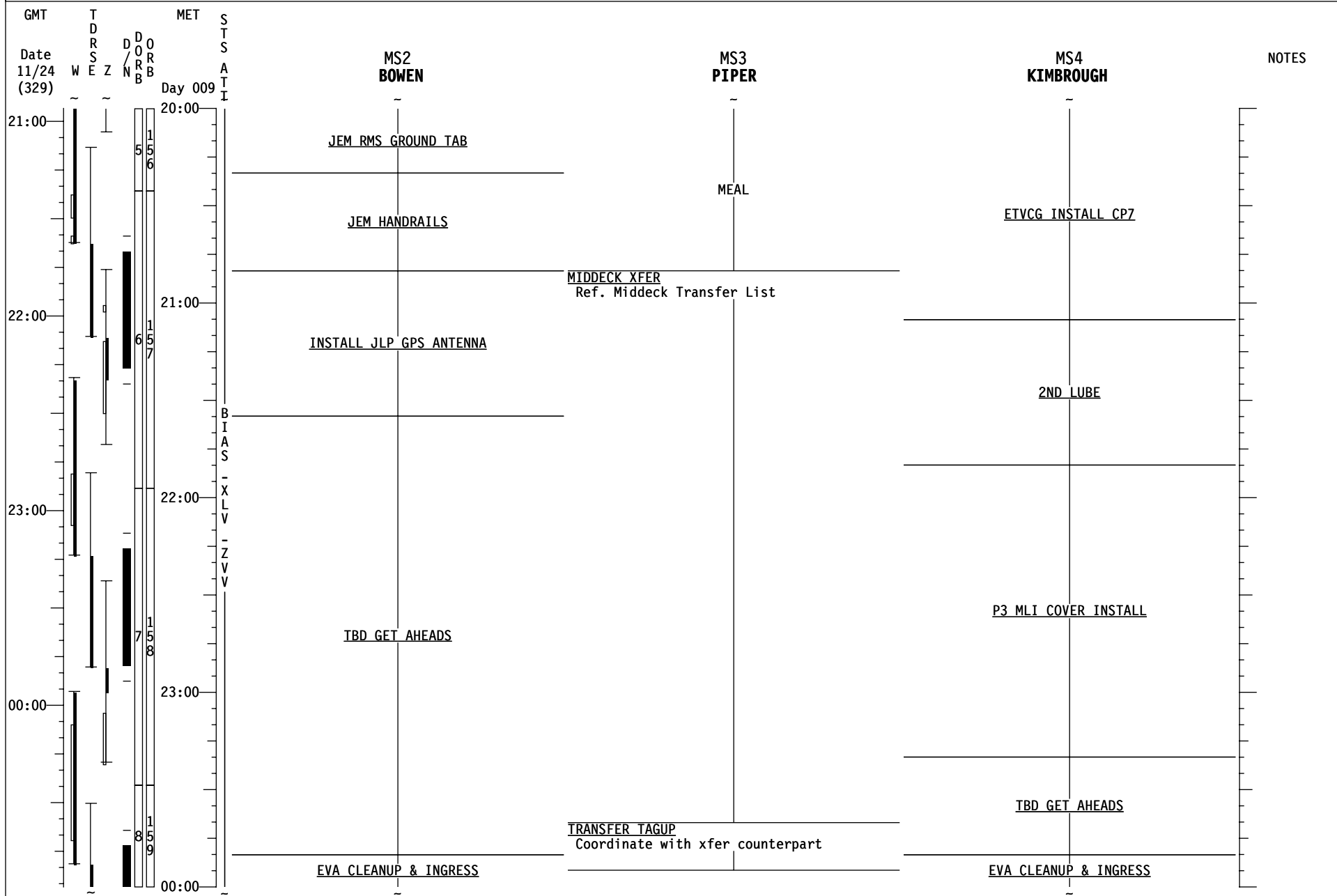
STS-126 FD (11)

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 11/24 (329)	W	N	Day 009	A T I	BOWEN	PIPER	KIMBROUGH	
17:00			16:00		EVA SYSTEMS: 1.216 10.2 PSIA CAMPOUT EVA PREP		EVA SYSTEMS: 1.216 10.2 PSIA CAMPOUT EVA PREP	
					EVA SYSTEMS: 1.220 EMU PURGE	EXERCISE	EVA SYSTEMS: 1.220 EMU PURGE	
					EVA SYSTEMS: 1.225 EMU PREBREATHE		EVA SYSTEMS: 1.225 EMU PREBREATHE	
						TRANSFER OPS Ref. MPLM Resupply & Return Xfer List books		
18:00			17:00		EVA SYSTEMS: CREWLOCK DEPRESS (CC)		EVA SYSTEMS: CREWLOCK DEPRESS (CC)	
						P/TVO7 EVA (PHOTO/TV, SCENES) Setup		
					EVA SYSTEMS: CREWLOCK POST DEPRESS (CC)		EVA SYSTEMS: CREWLOCK POST DEPRESS (CC)	
					EVA SYSTEMS: CREWLOCK EGRESS (CC)		EVA SYSTEMS: CREWLOCK EGRESS (CC)	
19:00			18:00		EVA SETUP	TRANSFER OPS Ref. MPLM Resupply & Return Xfer List books	EVA SETUP	
					P3 MLI COVER REMOVAL		P3 MLI COVER REMOVAL	
					EFBM COVER INSTALL		1ST LUBE	
20:00			19:00		JEM RMS GROUND TAB	MEAL	ETVCG INSTALL CP7	

STS-126 FD (11)

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 11/24 (329)	W	N	Day 009	A T I	FERGUSON	BOE	PETTIT	
21:00		5 5 6	20:00		EXERCISE			
					SHUTTLE/ISS H2O CNTR FILL (ORB OPS, ECLS) INIT FILL #10 Ref. MSG XXX			
					P/TVO7 EVA (PHOTO/TV, SCENES) 0ps		MEAL	
22:00		6 5 7	21:00					
					SHUTTLE/ISS H2O CNTR FILL (ORB OPS, ECLS) Perform FILL TERMINATION			
					P/TVO7 EVA (PHOTO/TV, SCENES) 0ps			
23:00		7 5 8	22:00	X L V		EVA4 IVA SUPPORT		
				Z V V	PWR FILL (ORB OPS, ECLS) Init Fill #2 Fill SN TBS (Barcode #TBS) Fill dur ~30 min			
00:00		8 5 9	23:00		P/TVO7 EVA (PHOTO/TV, SCENES) 0ps			
					CWC TRANSFER Transfer 1 CWC to ISS			
			00:00		PWR TRANSFER Transfer 1 PWR to ISS			
								UPLINK B21 ONLY Box 40,42, 60
								TRANSFER TAGUP Coordinate with xfer counterpart
								MPLM CLEANUP Ref. MPLM RTN TL items: XX-XX

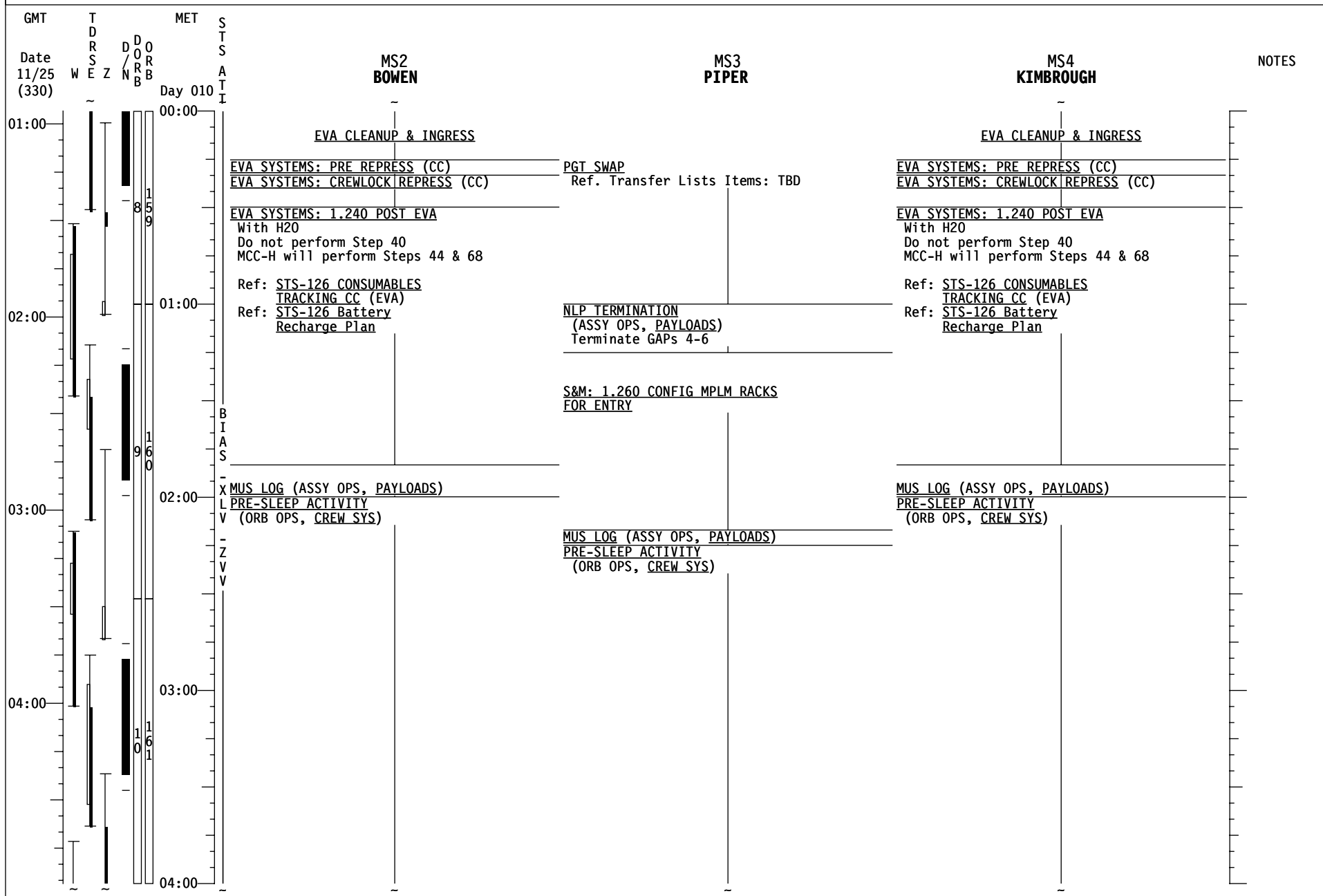
STS-126 FD (11)



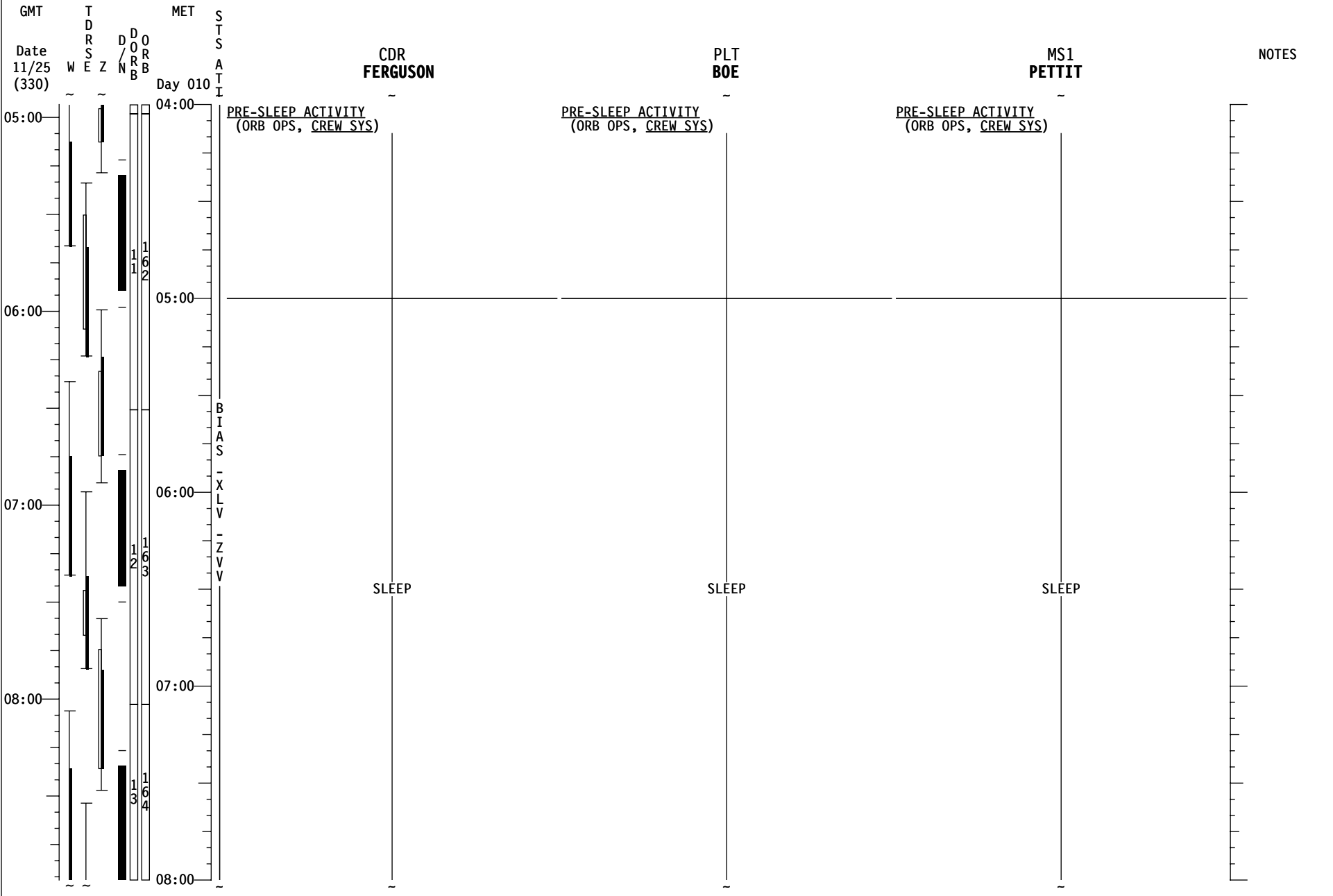
STS-126 FD (11)

GMT	TDRSEZ	MET	SATS	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
Date 11/25 (330)	W E Z	Day 010	1 5 9				
01:00		00:00		<u>PWR TRANSFER</u> Transfer 1 PWR to ISS <u>-Z STAR TRACKER DOOR OPEN</u> <u>EVA SYSTEMS: PRE REPRESS (CC)</u> <u>EVA SYSTEMS: CREWLOCK REPRESS (CC)</u> <u>EVA SYSTEMS: 1.240 POST EVA</u> With H2O Do not perform Step 40 MCC-H will perform Steps 44 & 68 Ref: <u>STS-126 CONSUMABLES</u> <u>TRACKING CC (EVA)</u> Ref: <u>STS-126 Battery</u> <u>Recharge Plan</u>	EVA4 IVA SUPPORT	<u>MPLM CLEANUP</u> Ref. MPLM RTN TL items: XX-XX <u>IFM: 1.2.403 BASEPLATE BALLAST ASSEMBLY R&R</u> Steps 1-3.2,7	
02:00		01:00			EXERCISE		
03:00		02:00	1 6 0	<u>MDDK STATUS CHECK (ASSY OPS, P/L)</u> X <u>MUS LOG (ASSY OPS, PAYLOADS)</u> L <u>PRE-SLEEP ACTIVITY</u> V (ORB OPS, CREW SYS)	<u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)		
04:00		03:00	1 6 1	PRIVATE MEDICAL CONFERENCE (A/G) <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)		<u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS) <u>TRANSFER BRIEF</u> Call down status to MCC <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	
04:00		04:00					

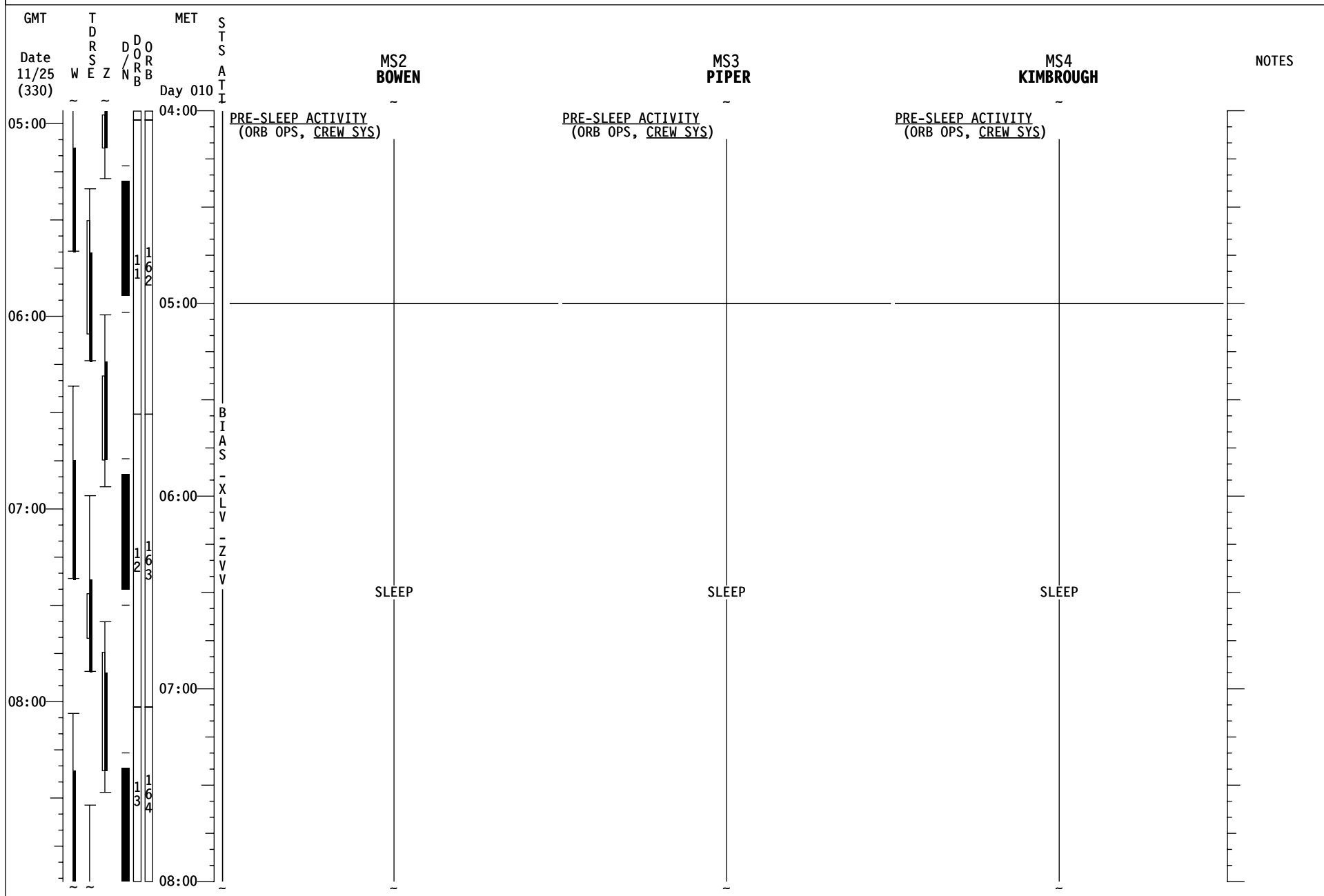
STS-126 FD (11)



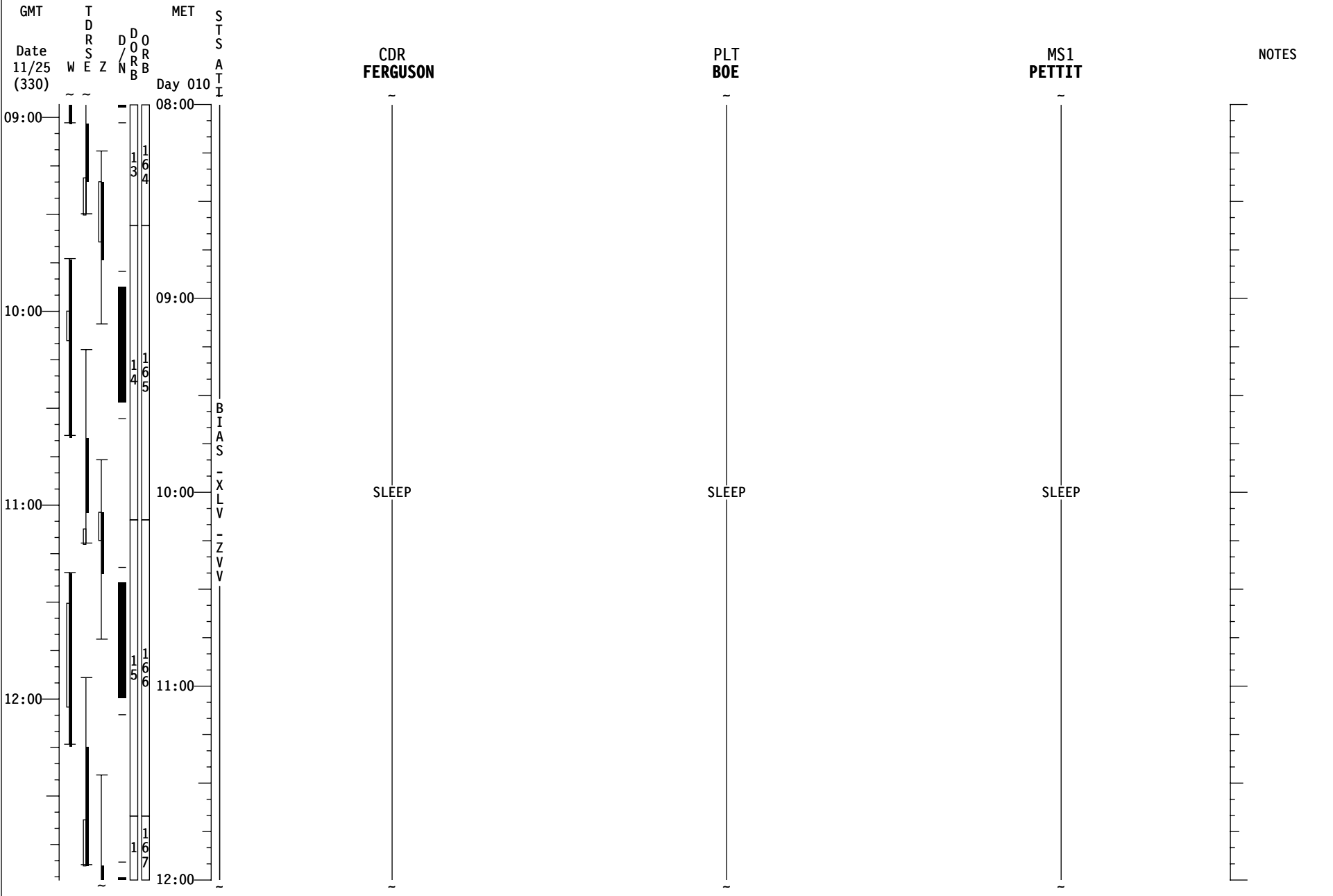
STS-126 FD (11)



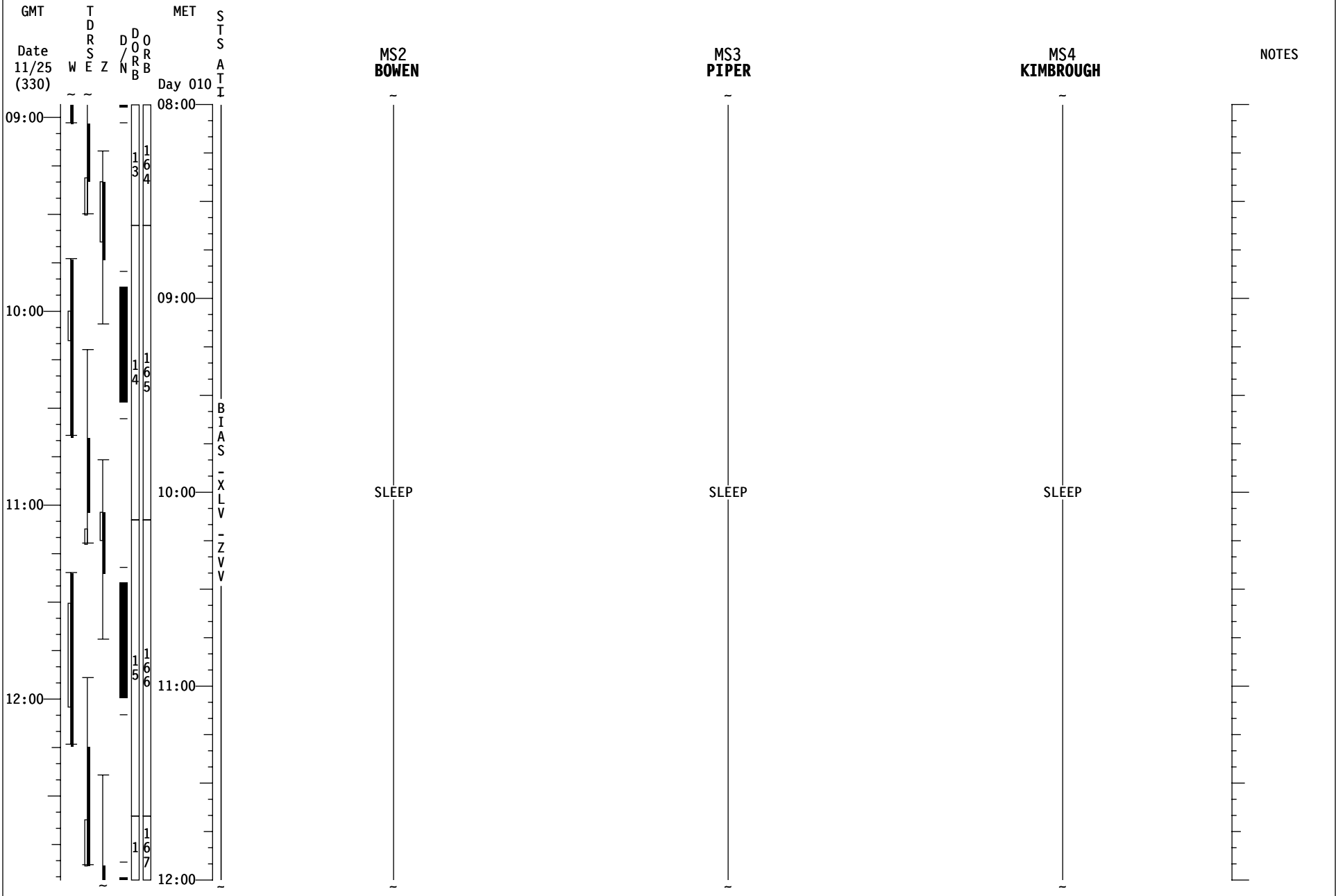
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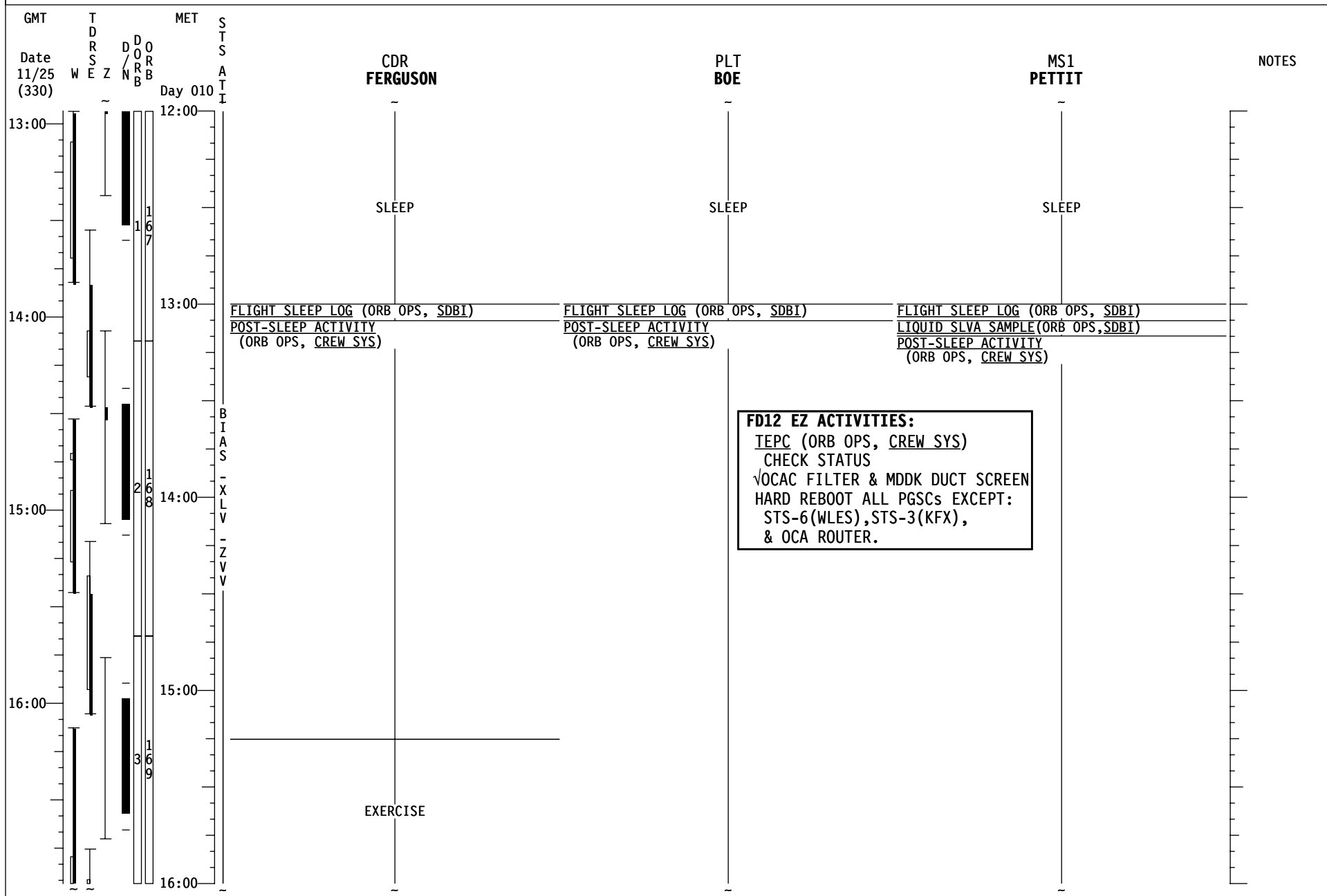
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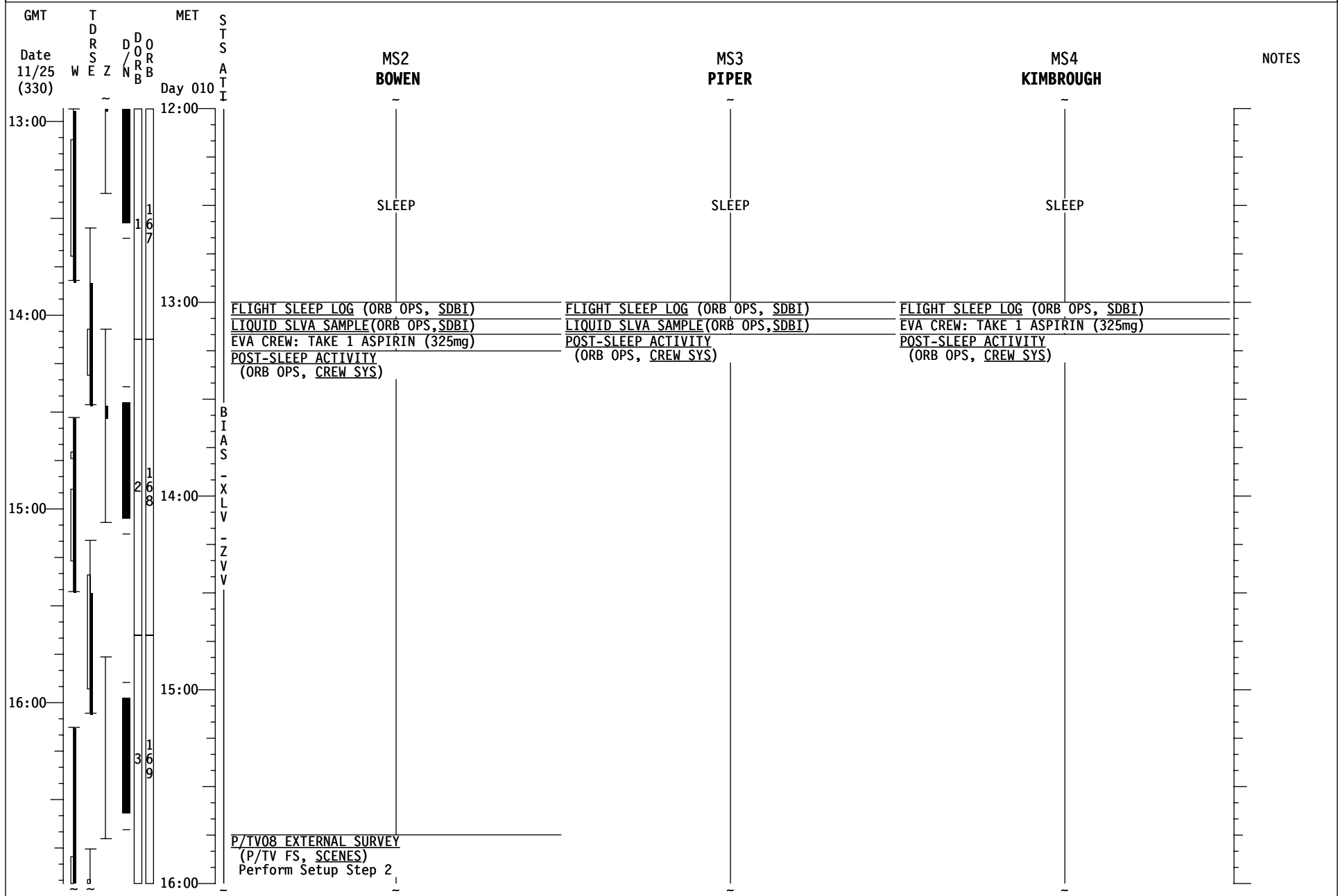
STS-126 FD (11)



STS-126 FD (12)



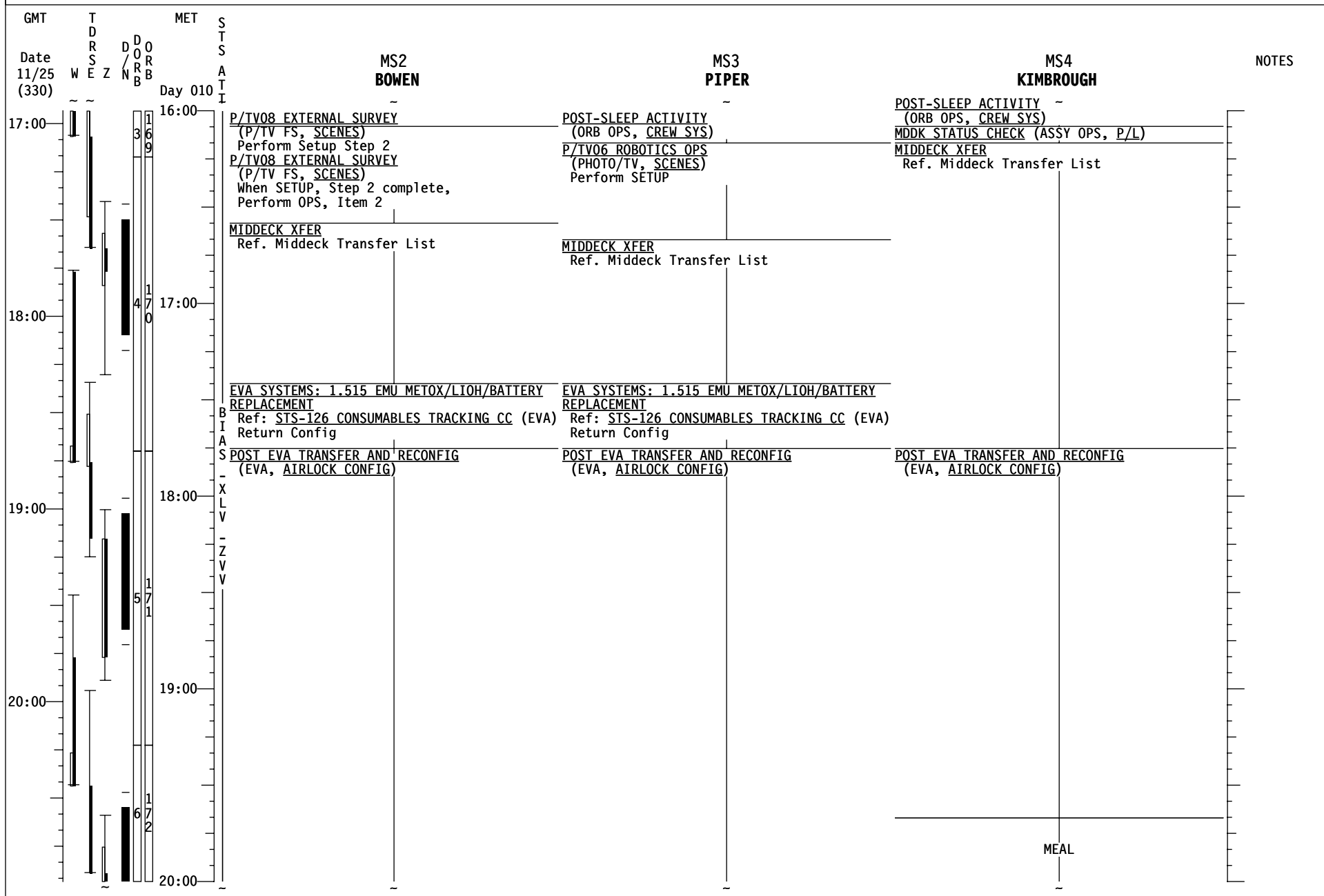
STS-126 FD (12)



STS-126 FD (12)

GMT	TDRSEZ Date 11/25 (330)	DORBN DORBN	MET Day 010	STS A T I	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
17:00	W	369	16:00		EXERCISE	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
					MPLM: 1.105 MPLM EGRESS		TRANSFER UPDATE Ref. MSG XXX	
					MPLM: 1.106 MPLM DEACTIVATION Steps 1-2,4-6	EXERCISE		
					S&M: 1.109 MPLM VESTIBULE-CONFIGURE FOR DEMATE All steps			
18:00		470	17:00			PWR FILL (ORB OPS, ECLS) Init Fill #3 Fill SN TBS (Barcode #TBS) Fill dur ~30 min	EXERCISE	
						PWR FILL (ORB OPS, ECLS) Init Fill #4 Fill SN TBS (Barcode #TBS) Fill dur ~30 min	MIDDECK XFER Ref. Middeck Transfer List	
19:00		571	18:00			MIDDECK XFER Ref. Middeck Transfer List		
					MPLM: 1.110 NODE2 TO MPLM VESTIBULE DEPRESS AND LEACK CHECK			
20:00		672	19:00					
						MEAL	MEAL	
20:00			20:00					

STS-126 FD (12)



STS-126 FD (12)

GMT	TDRS W E Z	MET Day 010	S T S A T I	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
21:00				<u>MPLM: 1.110 NODE2 TO MPLM VESTIBULE DEPRESS AND LEACK CHECK</u>			
					MEAL	MEAL	
				<u>IMU STAR OF OPPTY ALIGN (ORB OPS,GNC)</u>	<u>P/TV06 ROBOTICS OPS (PHOTO/TV, SCENES)</u> Perform OPS ITEM 3	<u>ROBO: 1.240 NODE 2 MATED MPLM GRAPPLE</u>	
22:00				<u>PUBLIC AFFAIRS EVENT</u> Ref. MSG XXX ISS KU AVAIL: XX:XX-XX:XX	<u>PUBLIC AFFAIRS EVENT</u> Ref. MSG XXX ISS KU AVAIL: XX:XX-XX:XX	<u>PUBLIC AFFAIRS EVENT</u> Ref. MSG XXX ISS KU AVAIL: XX:XX-XX:XX	NO EXERCISE DURING CBM BOLT LOADING
				MEAL			
23:00				<u>FILTER CLEANING (IFM, SCHEDULED MAINTENANCE)</u> Inspect filters and clean as necessary	<u>P/TV06 SSRMS ASSY OPS (NON-EVA) (PHOTO/TV, SCENES) OPS</u>	<u>ROBO: 1.250 MPLM DEMATE TO BERTH</u>	
00:00				<u>ROBO: 1.250 MPLM DEMATE TO BERTH</u> Steps 9-15	<u>ROBO: 1.250 MPLM DEMATE TO BERTH</u> Steps 9-15	<u>ROBO: 1.260 BERTHED MPLM RELEASE</u>	
				<u>MIDDECK XFER</u> Ref. Middeck Transfer List	<u>PWR FILL (ORB OPS, ECLS) Init Fill #5</u> Fill SN TBS (Barcode #TBS) Fill dur ~30 min		
						<u>MIDDECK XFER</u> Ref. Middeck Transfer List	

STS-126 FD (12)

GMT	T D R S W E Z	M E T Day 010	S T S A T T I	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	NOTES
21:00				POST EVA TRANSFER AND RECONFIG (EVA, AIRLOCK CONFIG)	POST EVA TRANSFER AND RECONFIG (EVA, AIRLOCK CONFIG)	MEAL	
					P/TV05 ISS INTERNAL OPS (PHOTO/TV, SCENES) Perform SETUP PAO EVENT		ROBO: 1.240 NODE 2 MATED MPLM GRAPPLE
22:00				PUBLIC AFFAIRS EVENT Ref. MSG XXX ISS KU AVAIL: XX:XX-XX:XX	PUBLIC AFFAIRS EVENT Ref. MSG XXX ISS KU AVAIL: XX:XX-XX:XX		S&M: 1.515 N2 CBM DEMATE Steps 1-10 Ground may require assistance with Step 13 (verif CBM petals closed). Note: NO EXERCISE
23:00				MEAL	MEAL		ROBO: 1.250 MPLM DEMATE TO BERTH
				MIDDECK XFER Ref. Middeck Transfer List	MIDDECK XFER Ref. Middeck Transfer List		
00:00							ROBO: 1.260 BERTHED MPLM RELEASE
					EXERCISE		
							MIDDECK XFER Ref. Middeck Transfer List

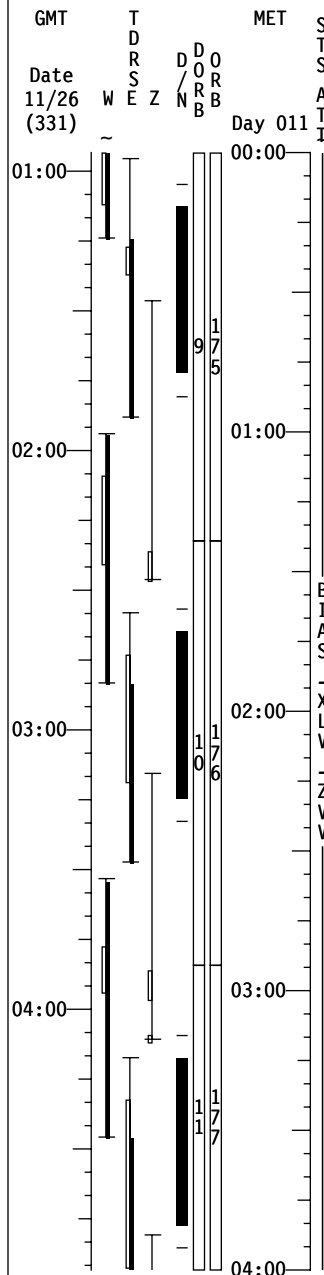
NO EXERCISE
DURING
CBM BOLT
LOADING

STS-126 FD (12)

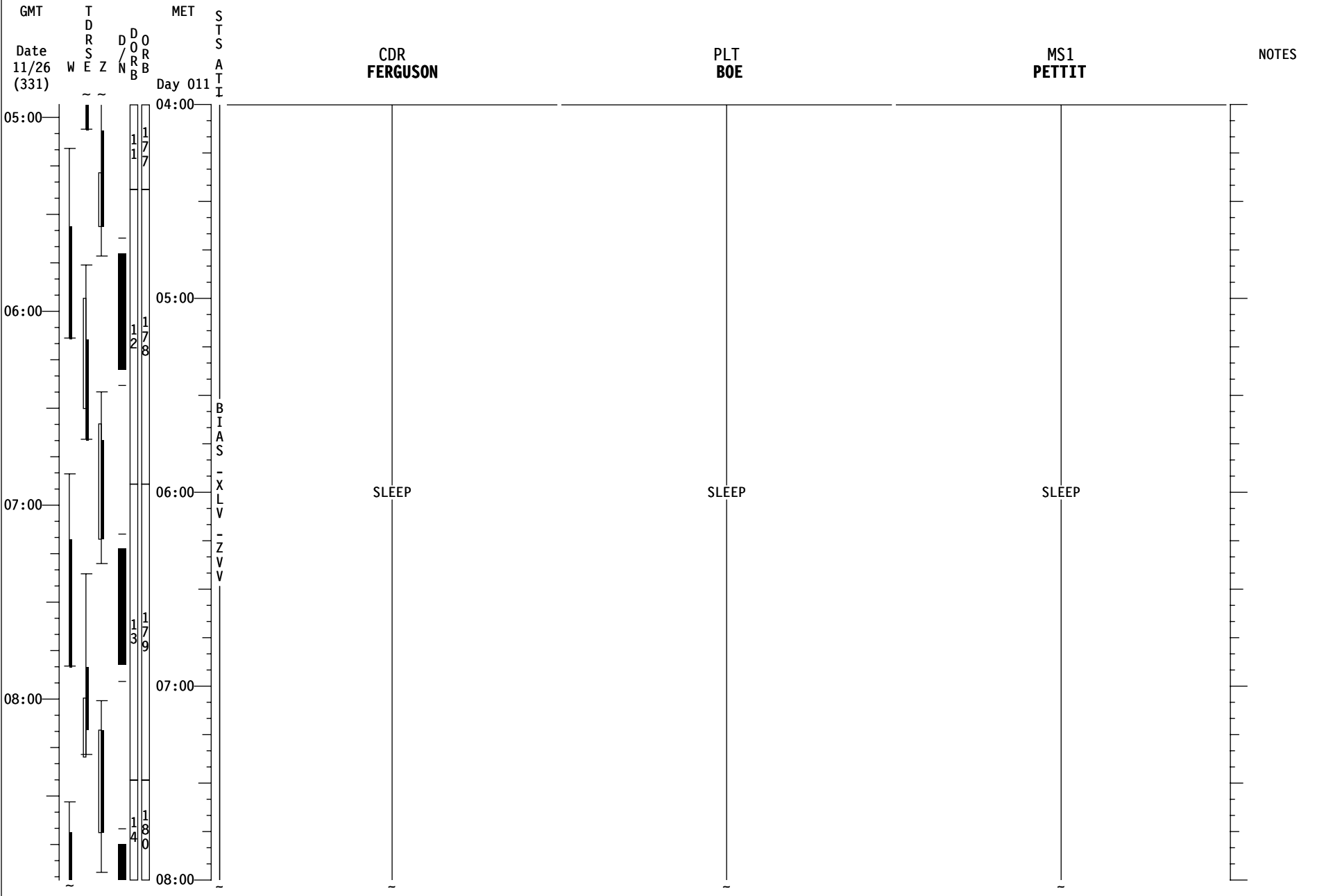
GMT	TDRSEZ W E Z	MET Day 011	S T S A T I	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
01:00				<u>MIDDECK XFER</u> Ref. Middeck Transfer List	<u>PWR TRANSFER</u> Transfer 3 PWRs to ISS	<u>MIDDECK XFER</u> Ref. Middeck Transfer List	
					R1 PL PRI MN C -ON (tb-ON) SSP1 MPLM CHAN 1 (2) HTR PWR -ON A15 APCU 1 OUTPUT - ON		<u>UPDATE</u> TFL 199
02:00				<u>MDDK STATUS CHECK (ASSY OPS, P/L)</u> <u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>ON MCC GO:</u> A15 APCU1 OUTPUT - OFF <u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>TRANSFER TAGUP</u> Coordinate with xfer counterpart	<u>MPLM</u> <u>PRESSURE</u> <u>CHECK</u>
						<u>TRANSFER BRIEF</u> Call down status to MCC	<u>UPDATE</u> TFL 184
03:00				<u>PRIVATE MEDICAL CONFERENCE (A/G)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)		<u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	
04:00							

STS-126 FD (12)

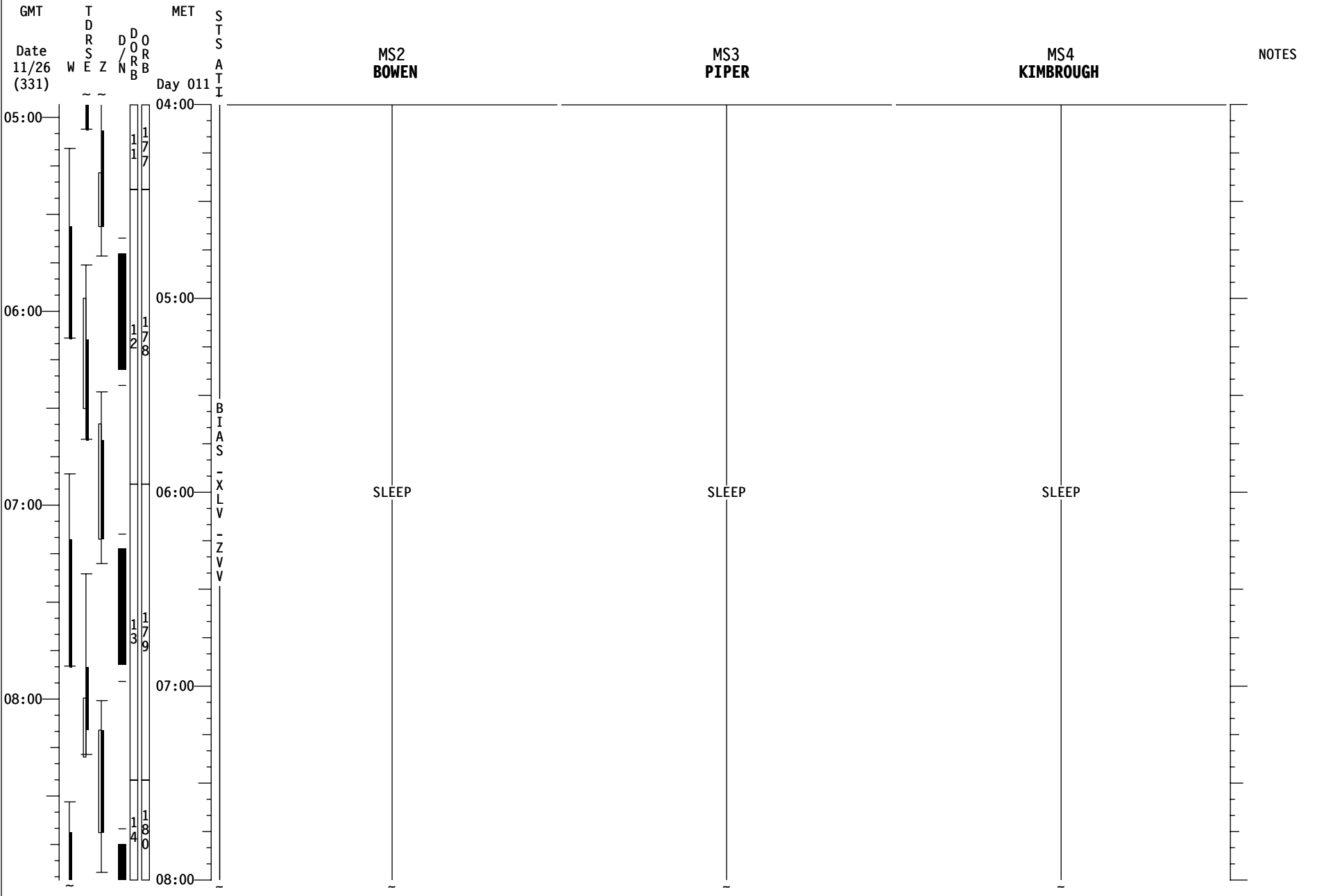
GMT	TDRSEZ W E Z	MET Day 011	S T S A T I	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	NOTES
01:00		00:00		EXERCISE	EXERCISE	MIDDECK XFER Ref. Middeck Transfer List	
					TRANSFER TAGUP Coordinate with xfer counterpart		
02:00		01:00		MUS LOG (ASSY OPS, PAYLOADS) PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	MUS LOG (ASSY OPS, PAYLOADS) PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	EXERCISE	
						MUS LOG (ASSY OPS, PAYLOADS) PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
03:00		02:00					
04:00		03:00					
		04:00					



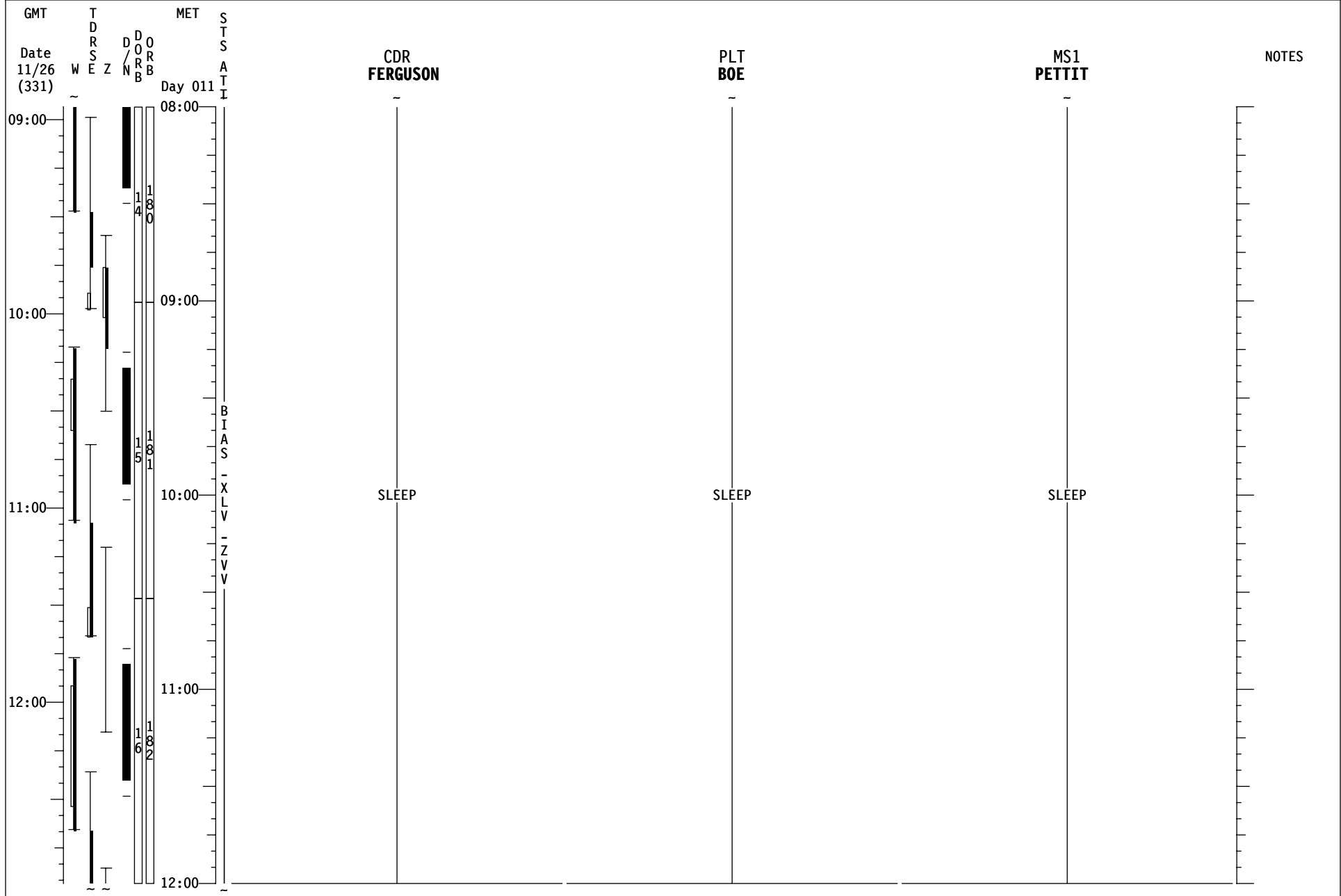
STS-126 FD (12)



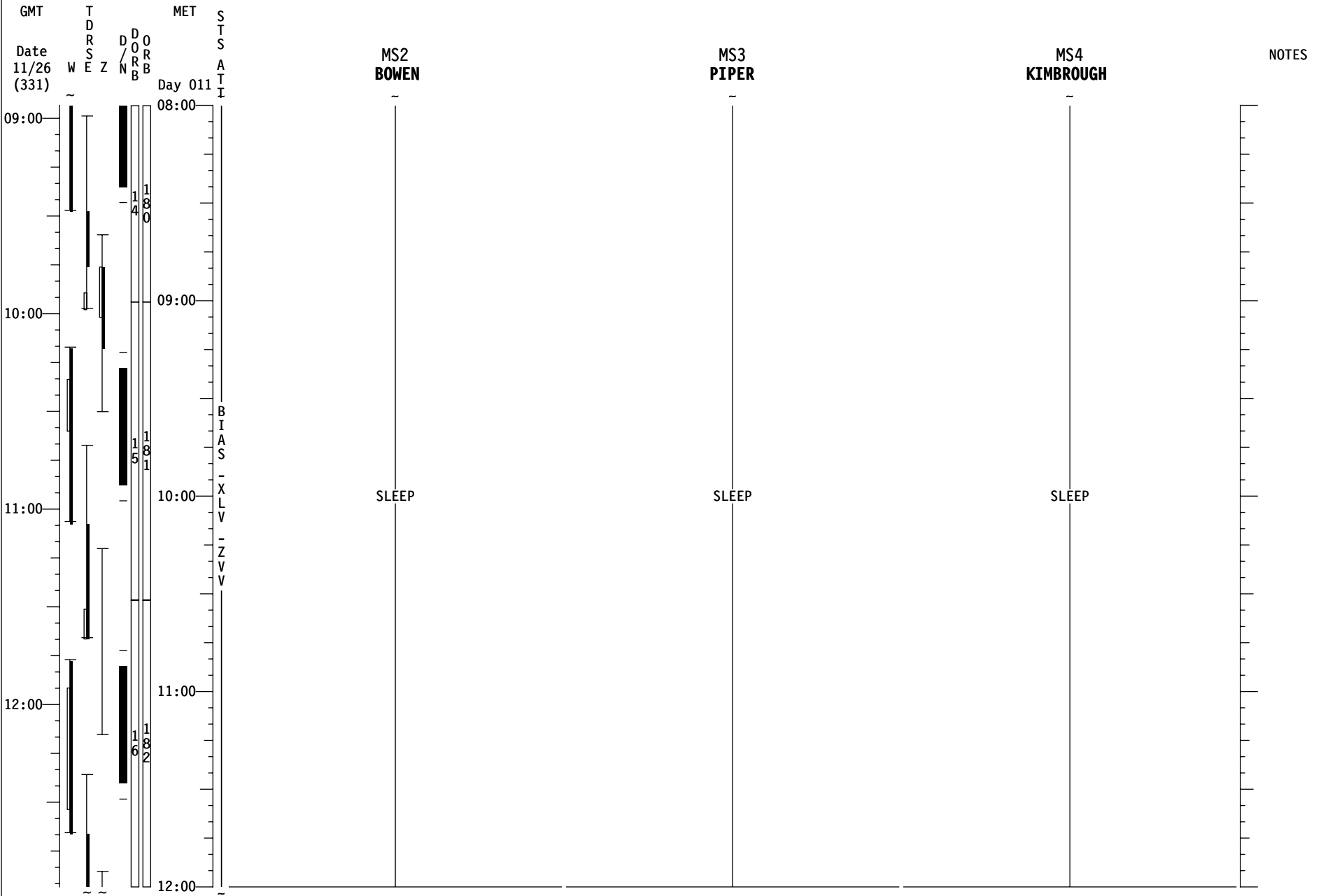
STS-126 FD (12)



STS-126 FD (12)



STS-126 FD (12)



STS-126 FD (13)

GMT	TDRSEZ	MET	SSTS	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
Date 11/26 (331)	W E Z	Day 011	A T I				
13:00				<u>FLIGHT SLEEP LOG (ORB OPS, SDBI)</u> <u>POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)</u>	<u>FLIGHT SLEEP LOG (ORB OPS, SDBI)</u> <u>POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)</u>	<u>FLIGHT SLEEP LOG (ORB OPS, SDBI)</u> <u>POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)</u>	
14:00					FD13 EZ ACTIVITIES: <u>TEPC (ORB OPS, CREW SYS)</u> CHECK STATUS ✓OCAC FILTER & MDDK DUCT SCREEN HARD REBOOT ALL PGSCs EXCEPT: STS-6(WLES), STS-3(KFX), & OCA ROUTER.		
15:00							
16:00				<u>MDDK STATUS CHECK (ASSY OPS, P/L)</u>			
				OFF DUTY	OFF DUTY	OFF DUTY	

STS-126 FD (13)

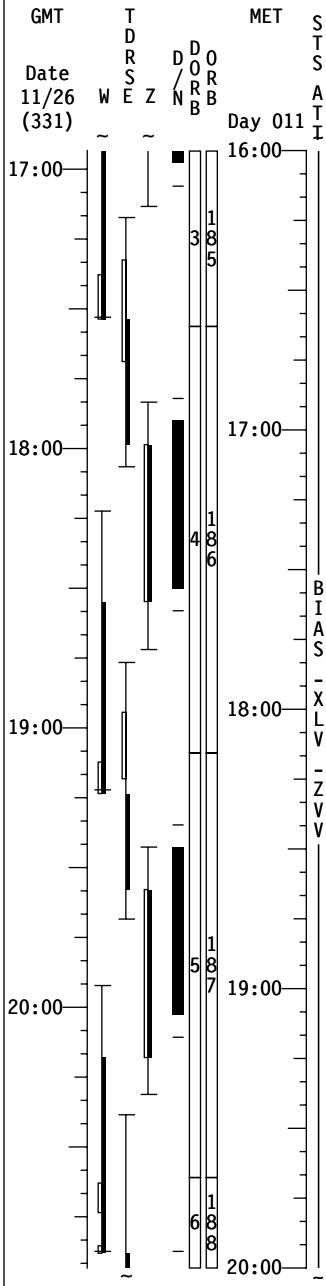
GMT	T D R S W E Z	D O R B N / B	MET Day 011	S T S A T T I	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	NOTES
13:00					<u>FLIGHT SLEEP LOG (ORB OPS, SDBI)</u> <u>POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)</u>	<u>POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)</u>	<u>POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)</u>	
14:00								
15:00								
16:00					OFF DUTY	OFF DUTY	OFF DUTY	

STS-126 FD (13)

GMT	TDRSEZ	MET	STS	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
Date 11/26 (331)	W E Z	Day 011	S A T I				
17:00		16:00					
18:00		17:00		OFF DUTY	OFF DUTY	OFF DUTY	
19:00		18:00					
20:00		19:00		MEAL	MEAL	MEAL	
				IMU STAR OF OPPTY ALIGN (ORB OPS,GNC)		WLES RNDZ TOOLS C/O PREP (ORB OPS FS, WLE SENSORS)	
				L17 Check MCIU filter screen	A15 APCU 1 OUTPUT - ON	TRANSFER UPDATE Ref. MSG XXX	
				PUBLIC AFFAIRS EVENT Ref. MSG XXX ISS KU AVAIL: XX:XX-XX:XX	PUBLIC AFFAIRS EVENT Ref. MSG XXX ISS KU AVAIL: XX:XX-XX:XX	PUBLIC AFFAIRS EVENT Ref. MSG XXX ISS KU AVAIL: XX:XX-XX:XX	
20:00		20:00					UPDATE TFL 199 MPLM PRESSURE CHECK

STS-126 FD (13)

GMT Date 11/26 (331)	T D R S E Z	MET Day 011	S T S A T I	NOTES
			MS2 BOWEN	
			MS3 PIPER	
			MS4 KIMBROUGH	
17:00				
18:00			OFF DUTY	
19:00				
20:00			MEAL	
<p>P/TV05 ISS INTERNAL OPS (PHOTO/TV, SCENES) Perform SETUP PAO EVENT</p>				
PUBLIC AFFAIRS EVENT Ref. MSG XXX ISS KU AVAIL: XX:XX-XX:XX				
PUBLIC AFFAIRS EVENT Ref. MSG XXX ISS KU AVAIL: XX:XX-XX:XX				
PUBLIC AFFAIRS EVENT Ref. MSG XXX ISS KU AVAIL: XX:XX-XX:XX				



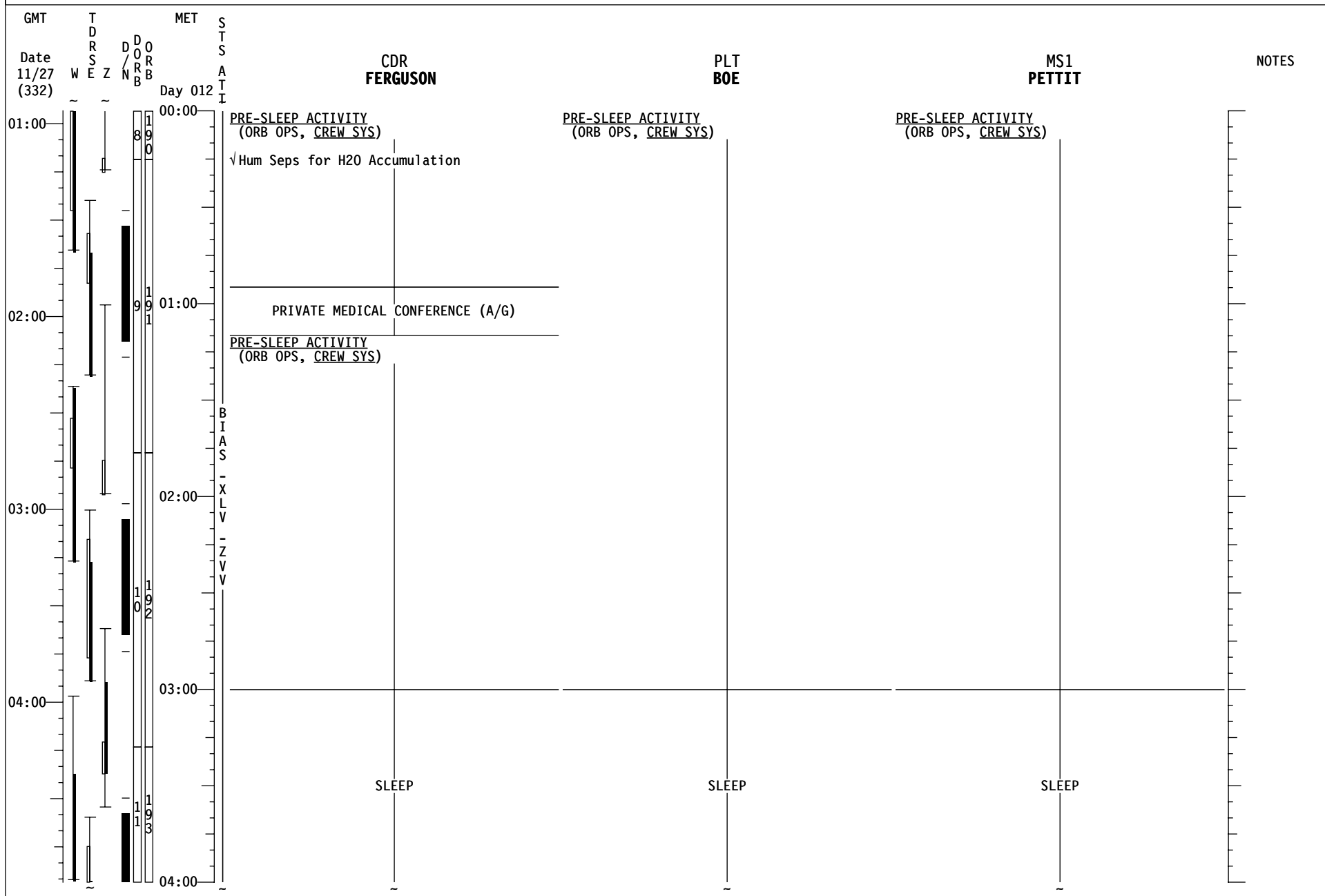
STS-126 FD (13)

GMT	TDRSEZ	MET	S T S	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
Date 11/26 (331)	W E Z	Day 011	D O R B D O R B N B				
21:00		20:00			ON MCC GO: A15 APCU 1 OUTPUT - OFF	SSC TRANSFER Transfer PCS/SSC to ISS per Transfer List Item # TBD	UPDATE TFL 184
				EXERCISE	OBSS MNVR TO UNDOCK (PDRS, OBSS NOMINAL)	MIDDECK XFER Ref. Middeck Transfer List	
					PWR FILL (ORB OPS, ECLS) Init Fill #7 Fill SN TBS (Barcode #TBS) Fill dur ~30 min		
22:00		21:00		JOINT OPS: 3.118 OXYGEN TRANSFER TEARDOWN Steps 1-6	PWR TRANSFER Transfer 2 PWRs to ISS		
						EXERCISE	
23:00		22:00		RNDZ TOOLS CHECKOUT (RNDZ, RNDZ TOOLS)	EXERCISE	RNDZ TOOLS CHECKOUT (RNDZ, RNDZ TOOLS)	UPDATE TFL 192
00:00		23:00		FAIR WINDS JOINT OPS: 3.110 HANDOVER ATTITUDE CONTROL CMG TA to ORBITER	FAIR WINDS P/TV03 UNDOCK (PHOTO/TV, SCENES) Setup	FAIR WINDS C/L CAMR INSTALL (PHOTO/TV, C/L CAMR) Perform step 1 only	UPDATE TFL 184
				JOINT OPS: 3.111 HANDOVER ATTITUDE CONTROL ORBITER to CMGTA		FORMALDEHYDE MONITOR KIT (ORB OPS, CREW SYS) Perform Steps 1-6	
				MDDK STATUS CHECK (ASSY OPS, P/L) MUS LOG (ASSY OPS, PAYLOADS)	MUS LOG (ASSY OPS, PAYLOADS)	MUS LOG (ASSY OPS, PAYLOADS)	

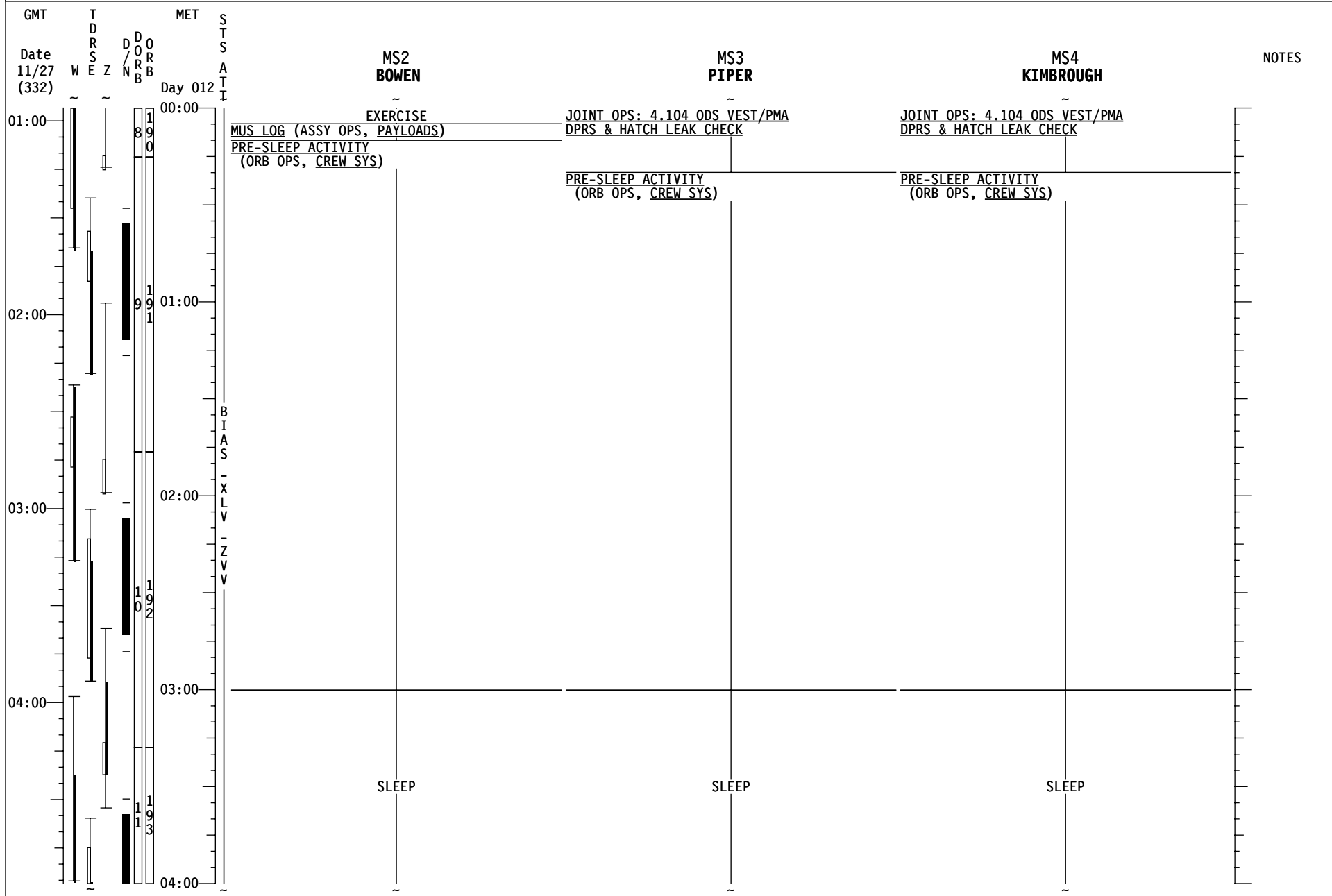
STS-126 FD (13)

GMT	TDRS W E Z	MET Day 011	S T S A T I	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	NOTES
11/26 (331)							
21:00				<u>EVA TRANSFER TO STS</u> (EVA, AIRLOCK CONFIG)	<u>EVA TRANSFER TO STS</u> (EVA, AIRLOCK CONFIG)	<u>PWR FILL</u> (ORB OPS, ECLS) Init Fill #6 Fill SN TBS (Barcode #TBS) Fill dur ~30 min	
				<u>MIDDECK XFER</u> Ref. Middeck Transfer List		<u>OBSS MNVR TO UNDOCK</u> (PDRS, OBSS NOMINAL)	
22:00					EXERCISE		
					<u>MIDDECK XFER</u> Ref. Middeck Transfer List	<u>SDBI 1900. INTEGRATED IMMUNE BLOOD CLCT</u> (ORB OPS, SDBI) Perform <u>SETUP FOR BLOOD SAMPLE CLCT</u>	
						<u>SDBI 1900. INTEGRATED IMMUNE BLOOD CLCT</u> (ORB OPS, SDBI) Perform <u>BLOOD SAMPLE COLLECTION (OPR)</u>	
23:00				<u>TRANSFER TAGUP</u> Coordinate with xfer counterpart	<u>TRANSFER TAGUP</u> Coordinate with xfer counterpart	<u>SDBI 1900. INTEGRATED IMMUNE BLOOD CLCT</u> (ORB OPS, SDBI) Perform <u>STOW HARDWARE</u>	
				<u>P/TV05 ISS INTERNAL OPS</u> (PHOTO/TV, SCENES) Perform <u>DEACTIVATION</u> , Step 2	<u>TRANSFER BRIEF</u> Call down status to MCC	EXERCISE	
					<u>P/TV04 INGRESS/EGRESS</u> (PHOTO/TV, SCENES) Setup		
00:00				FAIR WINDS	FAIR WINDS	FAIR WINDS	
				EXERCISE	<u>JOINT OPS: 4.102 SHUTTLE/ISS</u> <u>DUCT REMOVAL & HATCH CLOSING</u> (MCC-H can perform steps 2&3 on crew request)	<u>JOINT OPS: 4.102 SHUTTLE/ISS</u> <u>DUCT REMOVAL & HATCH CLOSING</u> (MCC-H can perform steps 2&3 on crew request)	
					<u>JOINT OPS: 4.104 ODS VEST/PMA</u> <u>DPRS & HATCH LEAK CHECK</u>	<u>JOINT OPS: 4.104 ODS VEST/PMA</u> <u>DPRS & HATCH LEAK CHECK</u>	

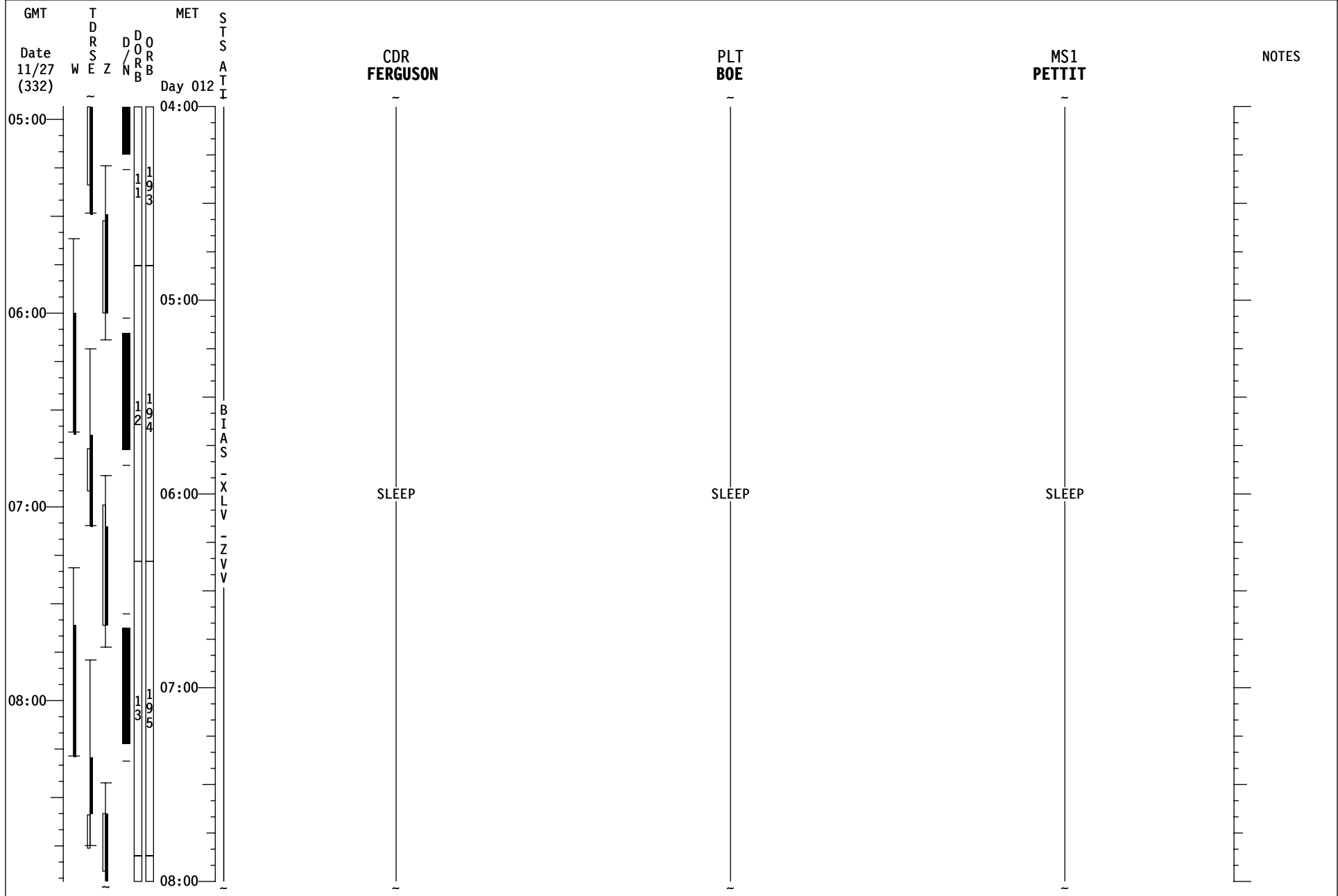
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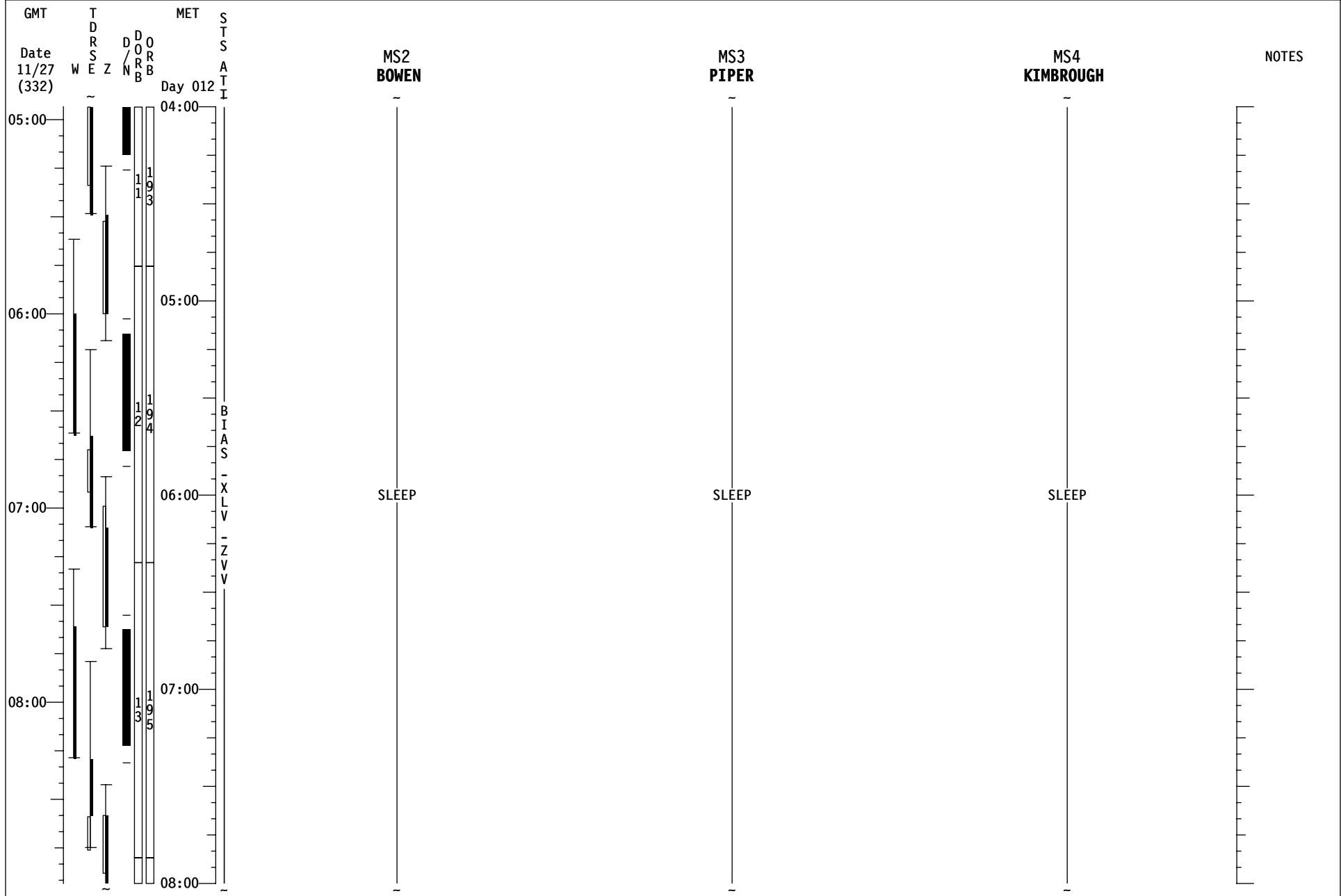
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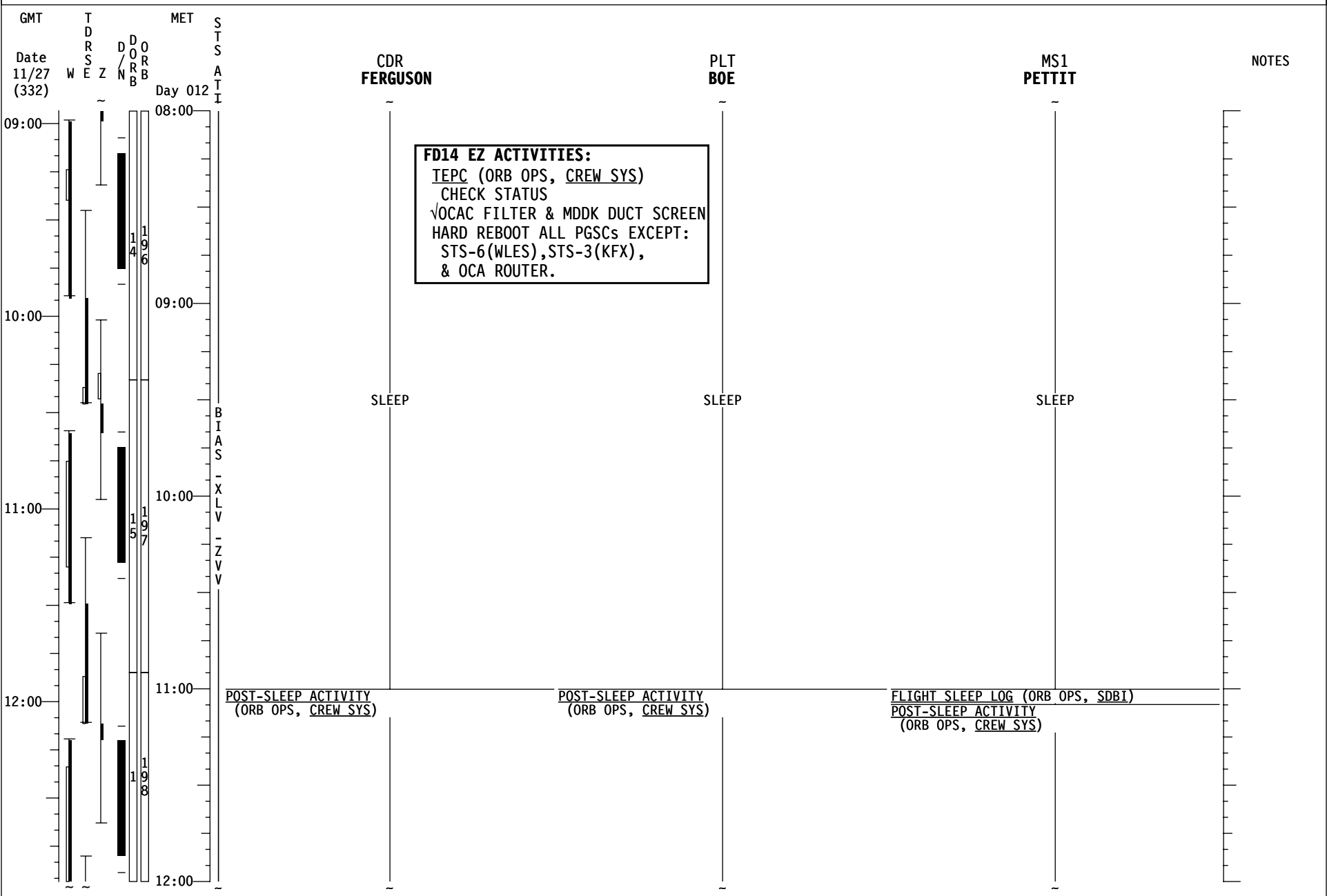
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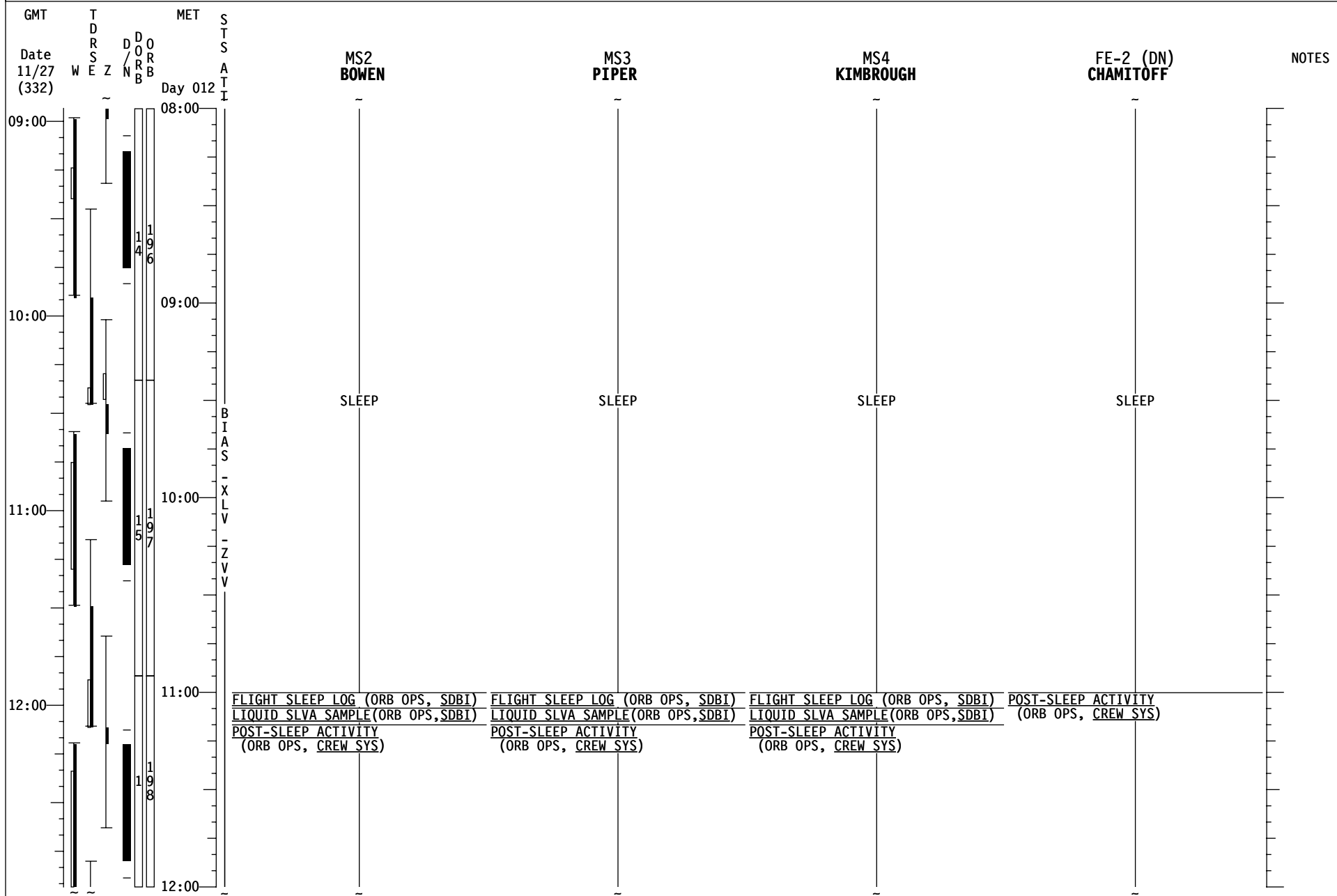
STS-126 FD (13)



STS-126 FD (14)



STS-126 FD (14)



STS-126 FD (14)

GMT	TDRSEZ Date 11/27 (332)	MET Day 012	STS A T I	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
13:00	W	198	B I A S	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
			- X L V				
			- Z				
14:00		199		V06 STRK PWR - Z - ON V PRIORITY PWRUP GRP B (ORB PKT, PRIOR PWRDN) Steps 12 (IMU 1) & 6 (Triple G2)	IMU STAR OF OPPTY ALIGN (ORB OPS,GNC) 06 STRK PWR - Z - ON PRIORITY PWRUP GRP B (ORB PKT, PRIOR PWRDN) Steps 12 (IMU 1) & 6 (Triple G2)		
				JOINT OPS: 3.110 HANDOVER ATTITUDE CONTROL CMG TA to ORBITER MNVR (TRK) -XLV +ZVV (UNDOCK) TG=2 BV=5 P=180 Y=0 OM=0 B12/AUTO/VERN Init TRK When in attitude, select DAP A	SSV OUTFATE - 3 L17 Check MCIU filter screen	SSPTS OPCU DEACT [A]	
				POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	UPDATE TFL 199 MPLM PRESSURE CHECK UPDATE TFL 184
				UNDOCKING AND SEPARATION (RNDZ, UNDOCK/SEP T/L)	UNDOCKING AND SEPARATION (RNDZ, UNDOCK/SEP T/L)	UNDOCKING AND SEPARATION (RNDZ, UNDOCK/SEP T/L)	
15:00		200	U N D O C K / F L				
				FLYAROUND (RNDZ, UNDOCK/SEP T/L)	FLYAROUND (RNDZ, UNDOCK/SEP T/L)	FLYAROUND (RNDZ, UNDOCK/SEP T/L)	UPLINK β21 ONLY Box 30,40, 42
16:00		201	A R O U N D / S E P				
				SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	

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

STS-126 FD (14)

GMT	TDRSEZ	MET	SATS	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	MS5 CHAMITOFF	NOTES
Date 11/27 (332)	W E Z	Day 012	STS					
	DORB		198					
	DORB		199					
	DORB		200					
	DORB		201					
	DORB		201					
13:00		12:00	B I A S	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
			- X L V					
			- Z V V					
14:00			U N D O C K / F L Y A R O U N D / S E P	A15 APCU 1 OUTPUT - ON POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) ON MCC GO: A15 APCU1 OUTPUT - OFF UNDOCKING AND SEPARATION (RNDZ, UNDOCK/SEP T/L)	P/TV03 UNDOCK (PHOTO/TV, SCENES) OPS	MDK STATUS CHECK (ASSY OPS, P/L) UNDOCKING AND SEPARATION (RNDZ, UNDOCK/SEP T/L)	UNDOCKING AND SEPARATION (RNDZ, UNDOCK/SEP T/L)	
15:00				FLYAROUND (RNDZ, UNDOCK/SEP T/L)		FLYAROUND (RNDZ, UNDOCK/SEP T/L)	FLYAROUND (RNDZ, UNDOCK/SEP T/L)	
16:00				SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	

STS-126 FD (14)

GMT	TDRS WSEZ	MET	STS A T I	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
Date 11/27 (332)		Day 012					
17:00		16:00		SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	
							UPLINK β21+Mask
18:00		17:00		CHANGE DAP TO A14			
				MEAL	MEAL	MEAL	
19:00		18:00		PRIORITY PWRDN GRP B (ORB PKT, PRIOR PWRDN) Steps 5,6 (Single G2),9,10 & 12 (IMU1)	OBSS MNVR TO FLAT FIELD POSITION (PDRS, OBSS NOMINAL)	SSV OUTFATE - 4 JOINT OPS: 6.106 SSOR DEACTIVATION	UPLINK TFL 188
				MNVR (TRK) BIAS +YSI (Stbd Survey) TG=4 BV=5 P=0 Y=40 OM=120 A14/AUTO/VERN Init TRK	HEATER RECONFIG-CONFIG B (ORB OPS, EPS) RCS REGULATOR RCNFG (ORB OPS, RCS)	WLES DOCK/UNDOCK RECOVERY (ORB OPS FS, WLE SENSORS)	
				CABIN TEMP CONTROLLER RECONFIG 2(1) (ORB OPS, ECLS)	OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS OPERATIONS)	OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS OPERATIONS)	
20:00		19:00		EXERCISE			
20:00		20:00					

STS-126 FD (14)

GMT	TDRSEZ	MET	S T S	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	MS5 CHAMITOFF	NOTES
Date 11/27 (332)	W E Z	Day 012	A T I					
17:00		16:00		SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	SEP/FLYAROUND (RNDZ, UNDOCK/SEP T/L)	
18:00		17:00						
19:00		18:00	B Z L V X V V	MEAL	MEAL	MEAL	MEAL	
20:00		19:00	S T B D S U R V E Y	PRIORITY PWRDN GRP B (ORB PKT, PRIOR PWRDN) Steps 5,6 (Single G2),9,10 & 12 (IMU1)	P/TV03 UNDOCK (PHOTO/TV, SCENES) Deactivation	OBSS MNVR TO FLAT FIELD POSITION (PDRS, OBSS NOMINAL)	POST UNDOCK PGSC CONFIG Configure PGSCs	
				EVA UNPACK & STOW (EVA, AIRLOCK CONFIG)	EVA UNPACK & STOW (EVA, AIRLOCK CONFIG)	OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS OPERATIONS)	SHUTTLE CONDENSATE COLLECTION (ORB OPS, ECLS) Perform TEARDOWN	
		20:00					EXERCISE	

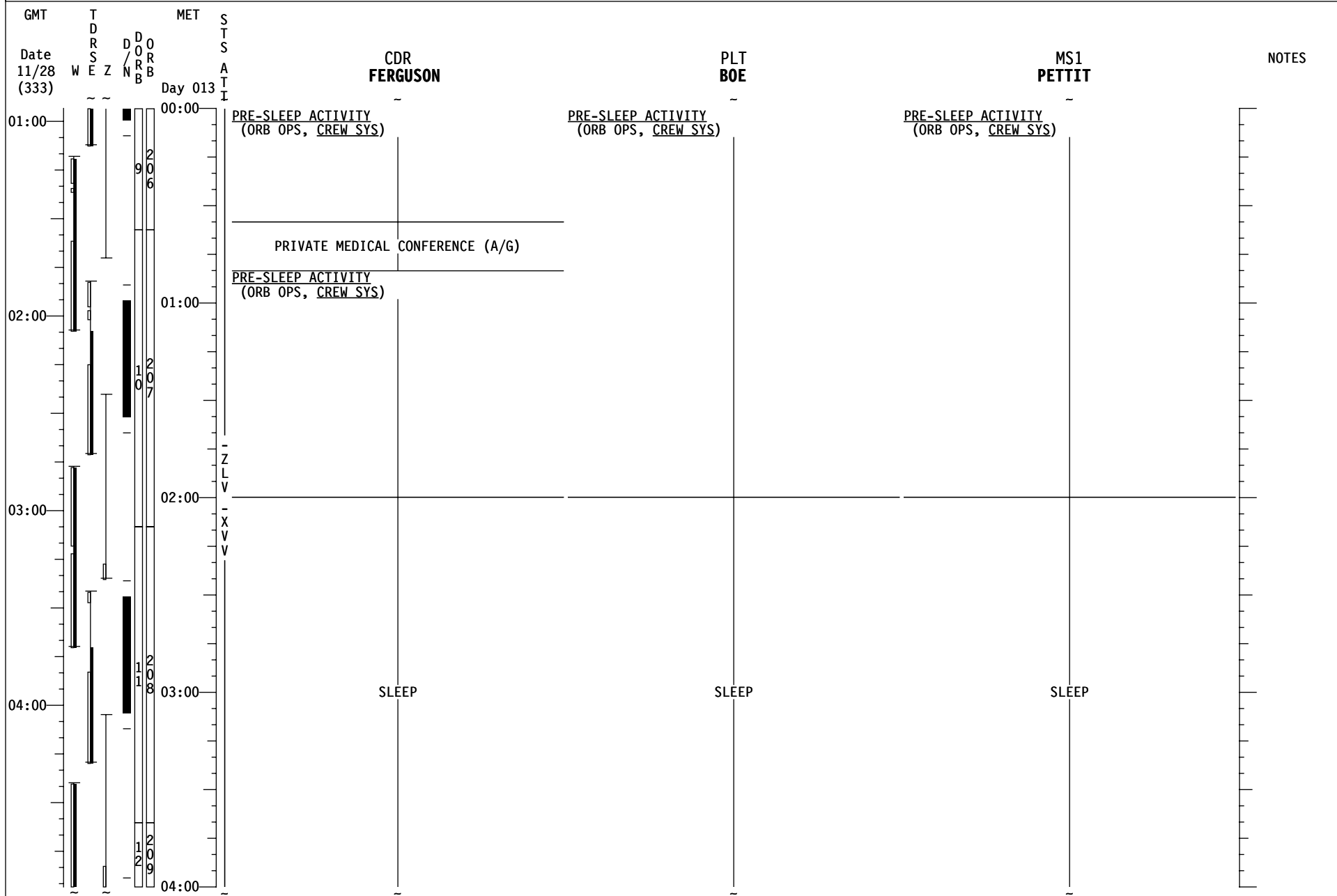
STS-126 FD (14)

GMT	TDRSEZ Date 11/27 (332)	MET Day 012	STS A T I	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
21:00	W	20:00		<p><u>MNVR (TRK) BIAS +XSI (Nose Cap)</u> TG=4 BV=5 P=330 Y=0 OM=105 A14/AUTO/VERN Init TRK</p>	<p><u>OBSS LDRI/IDC RCC SURVEY - STBD</u> (PDRS, OBSS OPERATIONS)</p>	<p><u>OBSS LDRI/IDC RCC SURVEY - STBD</u> (PDRS, OBSS OPERATIONS)</p>	
			NOSE CAP		<p><u>OBSS LDRI/IDC RCC SURVEY - NOSE CAP</u> (PDRS, OBSS OPERATIONS)</p>	<p><u>OBSS LDRI/IDC RCC SURVEY - NOSE CAP</u> (PDRS, OBSS OPERATIONS)</p>	
22:00		21:00		<p>Perform Port Survey Steps 1-2 Prior to MNVR <u>MNVR (TRK) BIAS -YSI (Port Survey)</u> TG=4 BV=5 P=0 Y=323 OM=145 A14/AUTO/VERN Init TRK</p>	<p><u>OBSS LDRI/IDC RCC SURVEY - PORT</u> (PDRS, OBSS OPERATIONS)</p>	<p><u>OBSS LDRI/IDC RCC SURVEY - PORT</u> (PDRS, OBSS OPERATIONS)</p>	
			PORT SURVEY				
23:00		22:00					
				<p><u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>MNVR (TRK) -ZLV -XVV</u> TG=2 BV=3 OM=0 A14/AUTO/ALT Init TRK</p>	<p><u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p>	<p><u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p>	
00:00		23:00		<p><u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p>			
			ZLV XVV				
		00:00					

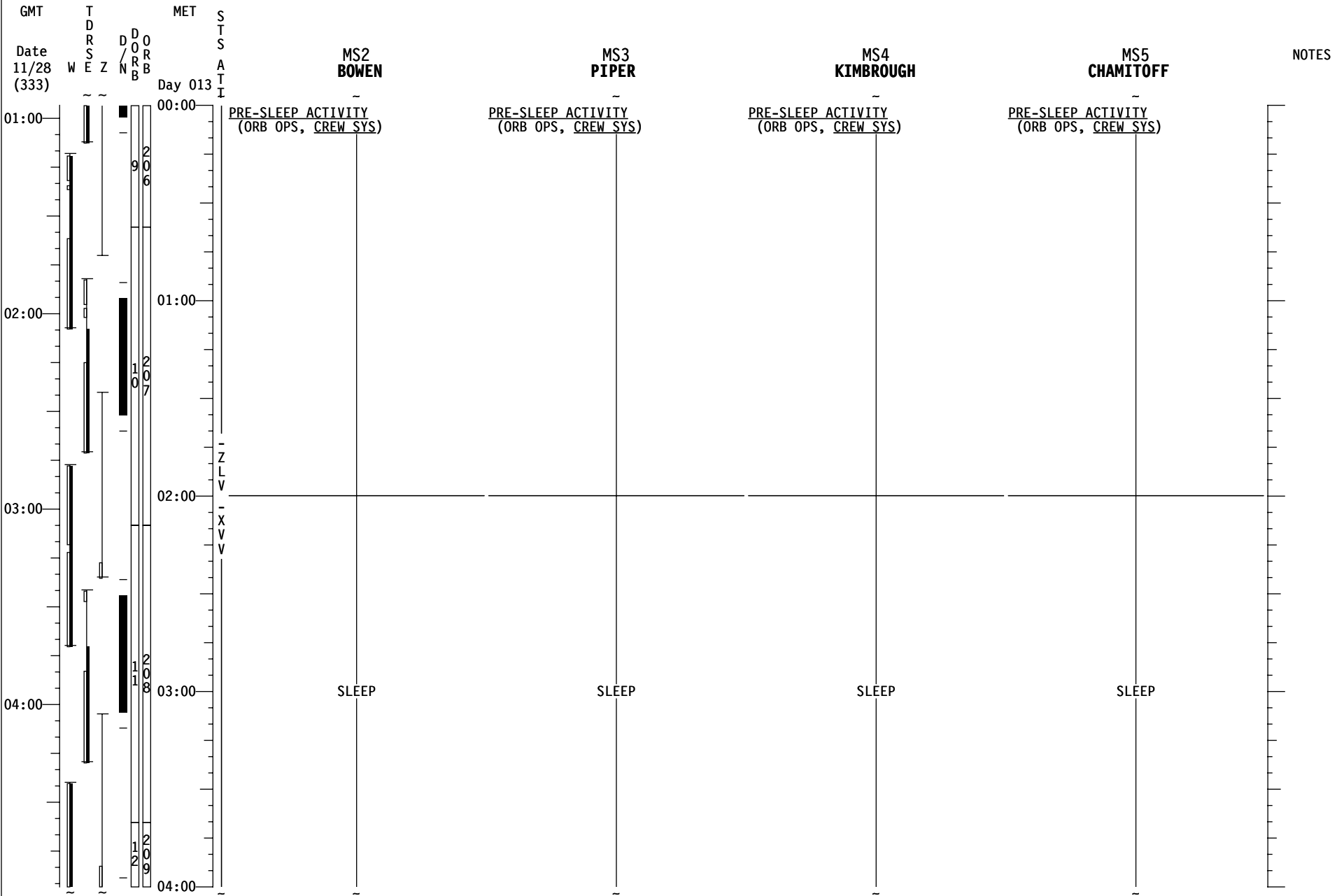
STS-126 FD (14)

GMT	TDRSEZ DORBN DORBB	MET Day 012	STS A T I	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	MS5 CHAMITOFF	NOTES
21:00	~	20:00	N O S E C A P	<u>POST ISS EVA ENT PREP</u> (EVA, <u>POST EVA ENT PREP</u>)	<u>POST ISS EVA ENT PREP</u> (EVA, <u>POST EVA ENT PREP</u>)	<u>OBSS LDRI/IDC RCC SURVEY - STBD</u> (PDRS, <u>OBSS OPERATIONS</u>)	EXERCISE	
						<u>OBSS LDRI/IDC RCC SURVEY - NOSE CAP</u> (PDRS, <u>OBSS OPERATIONS</u>)		
22:00		21:00						
					EXERCISE	<u>OBSS LDRI/IDC RCC SURVEY - PORT</u> (PDRS, <u>OBSS OPERATIONS</u>)		
23:00		22:00	P O R T S U R V E Y	EXERCISE				
00:00		23:00	Z L V	<u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>MDDK STATUS CHECK (ASSY OPS, P/L)</u> <u>MUS LOG (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	
					<u>PLAYBACK (DIGITAL)</u> (PHOTO/TV, CUE CARD) LDRI SURVEYS KU TDRW (23:08-23:33) KU TDRE (23:34-23:38) KU TDRE (23:44-00:11)			
					<u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)			
00:00		00:00	X V V					

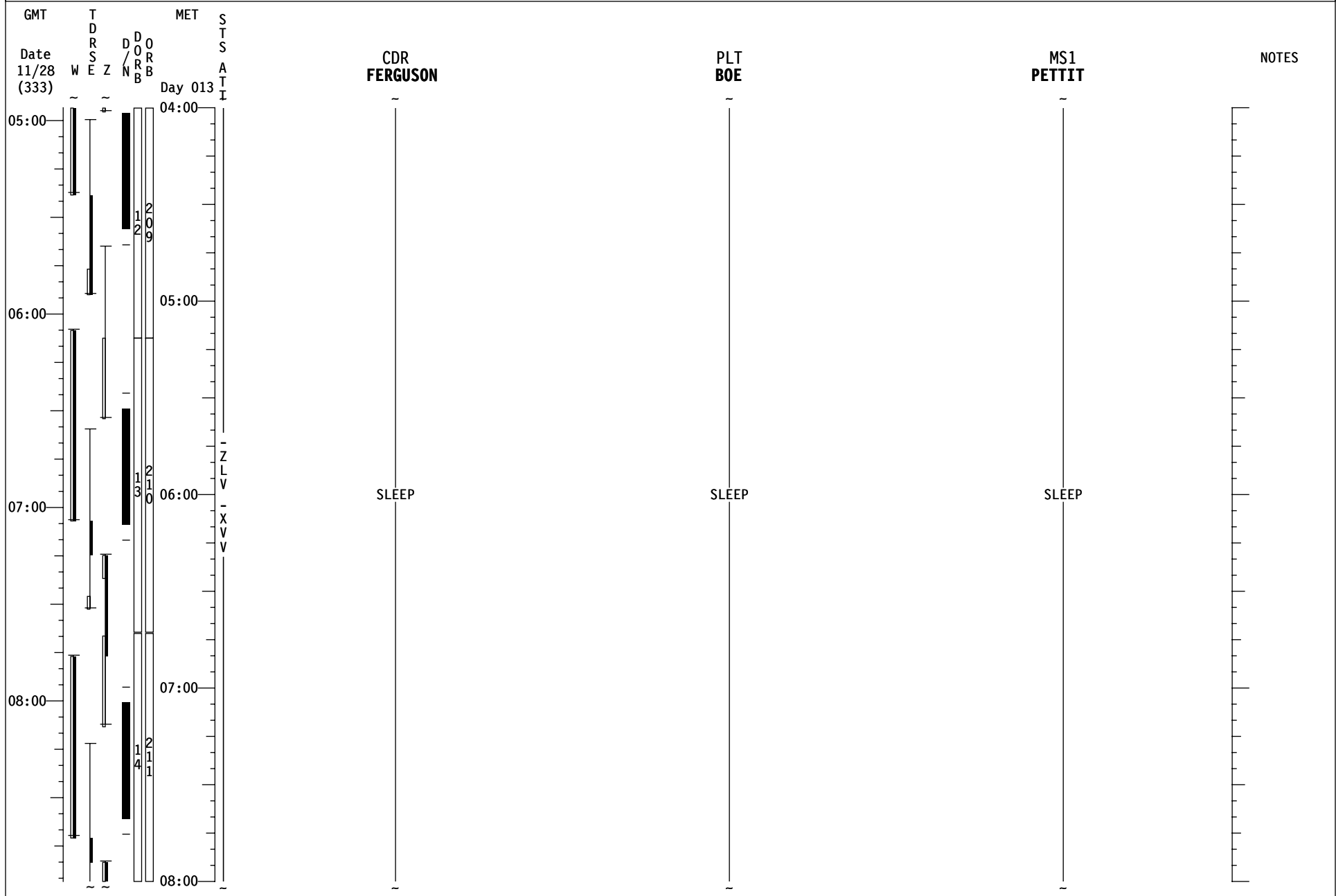
STS-126 FD (14)



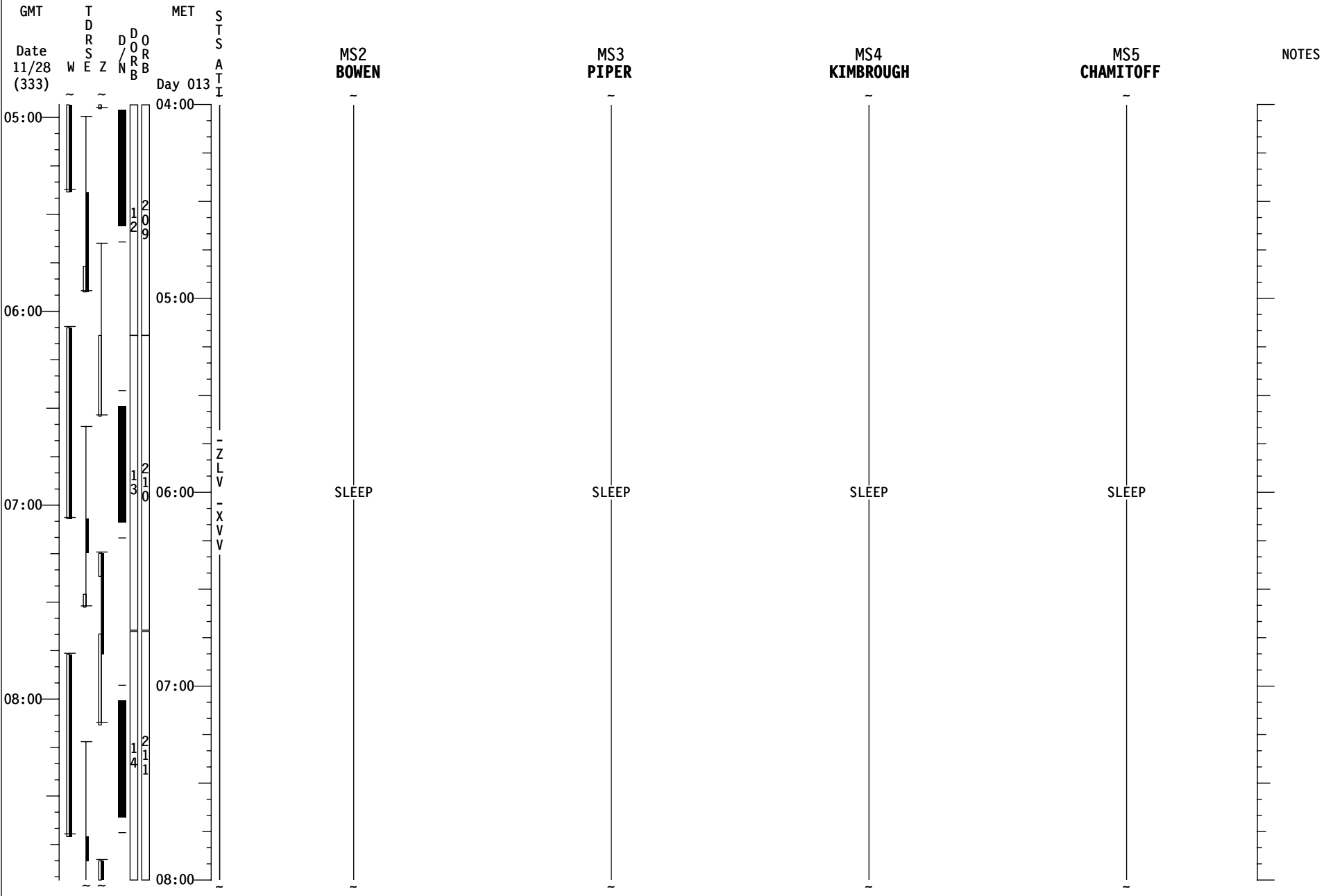
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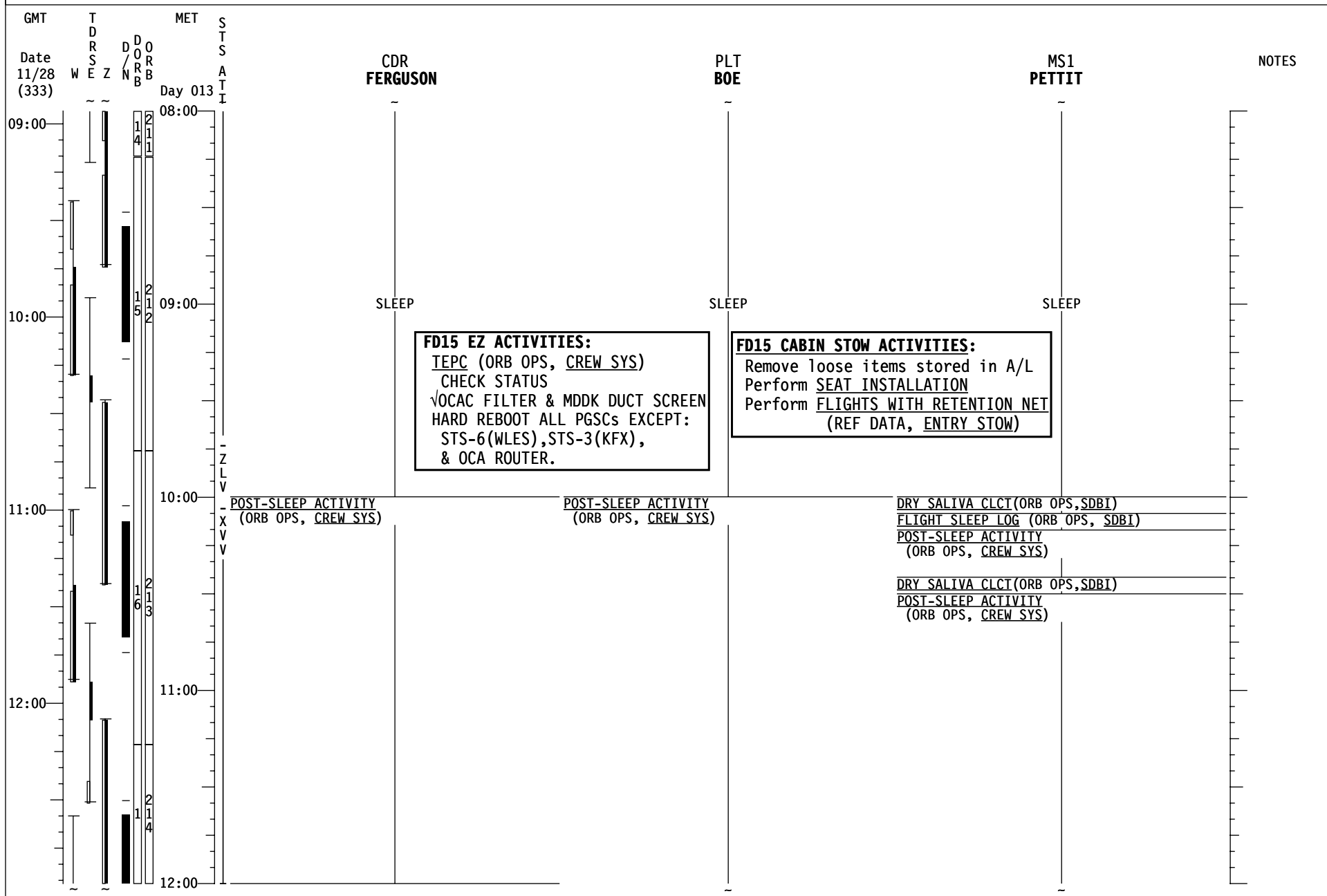
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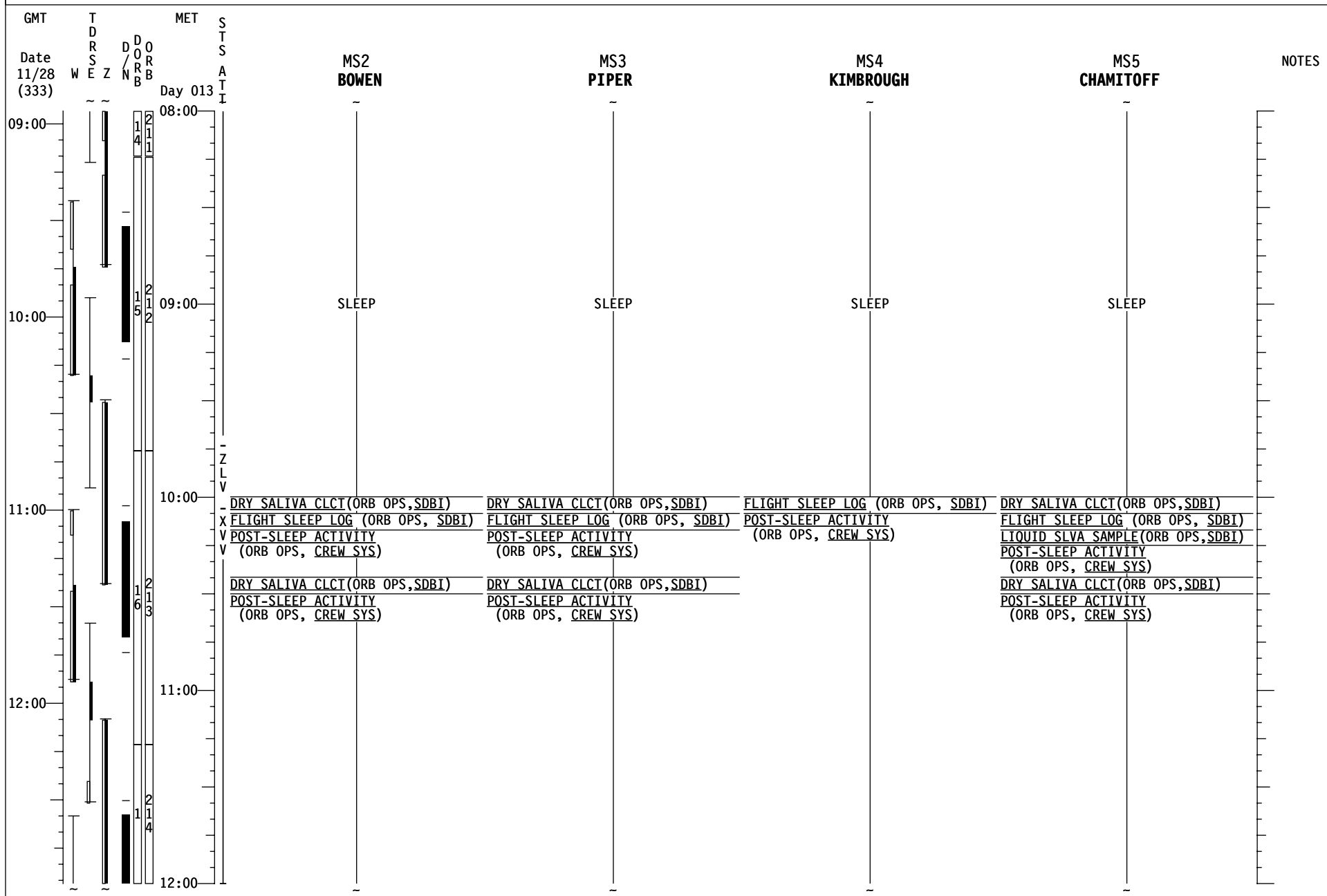
STS-126 FD (14)



STS-126 FD (15)



STS-126 FD (15)



STS-126 FD (15)

GMT	TDRSEZ	MET	SATS	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
Date 11/28 (333)	W E Z	Day 013	1 1 4				
13:00		12:00		<p><u>MNVR (TRK) -ZLV +YVV (Dump)</u> TG=2 BV=3 OM=270 A1/AUTO/VERN Init TRK</p> <p><u>SUPPLY/WASTE WATER DUMP</u> (ORB OPS, ECLS) Initiate Waste Dump</p> <p><u>POST-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p>	<p><u>POST-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p>	<p><u>POST-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p>	
14:00		13:00		<p><u>W/B STEAM VENT HTR ACT</u> R2 vBLR CNTLR/HTR(three) -B PWR (three) -ON</p> <p><u>MDDK STATUS CHECK (ASSY OPS, P/L)</u> L1 FLASH EVAP CNTLR PRI (A)B -OFF</p> <p><u>IMU STAR OF OPPTY ALIGN (ORB OPS,GNC)</u></p>		<p>SSPI OIU PWR - OIU 1 ON (tb-UP) SSPTS APCU 1 ACI A15 APCU 1 OUTPUT - ON CONV - ON</p> <p><u>POST-SLEEP ACTY</u> (ORB OPS, CREW SYS)</p> <p>ON MCC GO: SSPTS APCU 1 DEACT A</p> <p>SSPI OIU PWR - OFF (tb-bp) <u>PLAYBACK (DIGITAL)</u> (PHOTO/TV, CUE CARD) Undocking KU TDRZ (12:52-13:25)</p>	<p>UPDATE H2O WASTE DUMP QTY</p> <p>MPLM PRESSURE CHECK</p> <p>UPDATE TFL 199</p>
15:00		14:00		<p><u>SUPPLY/WASTE WATER DUMP</u> (ORB OPS, ECLS) Terminate Waste Dump</p> <p><u>CWC OVERBOARD DUMP (ORB OPS, ECLS)</u> Initiate Condensate Dump Ref. MSG XXX</p> <p style="text-align: center;">EXERCISE</p>	<p>A A15 APCU 1 CONV - OFF OUTPUT - OFF</p> <p style="text-align: center;">EXERCISE</p>	<p style="text-align: center;">CABIN CONFIG/STOW</p> <p><u>SDBI 1900, INTEGRATED IMMUNE BLOOD CLCT</u> (ORB OPS, SDBI) Perform <u>BLOOD SAMPLE CLCT (SUBJ)</u></p>	
16:00		15:00		<p><u>CWC OVERBOARD DUMP</u> (ORB OPS, ECLS) Perform <u>DUMP TERMINATION</u></p> <p><u>MNVR (TRK) -ZLV -XVV</u> TG=2 BV=3 OM=0 A/AUTO/VERN Init TRK</p> <p style="text-align: center;">EXERCISE</p>	<p><u>FILTER CLEANING</u> (IFM,SCHEDULED MAINTENANCE)</p> <p style="text-align: center;">EXERCISE</p>	<p style="text-align: center;">EXERCISE</p> <p><u>FCS C/O P/TV SURVEY</u> (PHOTO/TV, FCS) Perform Setup</p>	
16:00		16:00		<p><u>FCS CHECKOUT</u> (ORB OPS, GNC)</p> <p style="text-align: center;">CABIN CONFIG/STOW</p>	<p style="text-align: center;">CABIN CONFIG/STOW</p> <p><u>FCS CHECKOUT</u> (ORB OPS, GNC)</p>	<p><u>DRY SALIVA CLCT (ORB OPS,SDBI)</u> CABIN CONFIG/STOW</p>	

STS-126 FD (15)

GMT	TDRSEZ	MET	S	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	MS5 CHAMITOFF	NOTES
Date 11/28 (333)	W E Z	Day 013	ATT					
13:00				POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
14:00				CABIN CONFIG/STOW	SDBI 1900, INTEGRATED IMMUNE BLOOD CLCT (ORB OPS, SDBI) Perform BLOOD SAMPLE CLCT (SUBJ)	SDBI 1900, INTEGRATED IMMUNE BLOOD CLCT (ORB OPS, SDBI) Perform SETUP FOR BLOOD SAMPLE CLCT		
15:00				SDBI 1900, INTEGRATED IMMUNE BLOOD CLCT (ORB OPS, SDBI) Perform BLOOD SAMPLE CLCT (SUBJ)	CABIN CONFIG/STOW	SDBI 1900, INTEGRATED IMMUNE BLOOD CLCT (ORB OPS, SDBI) Perform BLOOD SAMPLE COLLECTION (OPR)	CABIN CONFIG/STOW	
16:00				CABIN CONFIG/STOW	NLP TERMINATION (ASSY OPS, PAYLOADS) Terminate GAPS 7 & 8	SDBI 1900, INTEGRATED IMMUNE BLOOD CLCT (ORB OPS, SDBI) Perform BLOOD SAMPLE COLLECTION (OPR)	SDBI 1900, INTEGRATED IMMUNE BLOOD CLCT (ORB OPS, SDBI) Perform BLOOD SAMPLE CLCT (SUBJ)	
16:00				X DRY SALIVA CLCT (ORB OPS, SDBI) V FCS CHECKOUT (ORB OPS, GNC)	EXERCISE	EXERCISE	CABIN CONFIG/STOW	
						CABIN CONFIG/STOW		

STS-126 FD (15)

GMT	TDRSEZ DORBN	MET Day 013	S T S A T I	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
17:00				FCS CHECKOUT (ORB OPS, GNC)	FCS CHECKOUT (ORB OPS, GNC)	CABIN CONFIG/STOW	
						CANON G1 HD DIGITAL CC DNLK (PHOTO/TV, REF PROC)	
18:00				RCS HOT FIRE TEST (ORB OPS, RCS)	RCS HOT FIRE TEST (ORB OPS, RCS)		UPDATE TFL 188
				DEORBIT BRIEFING	DEORBIT BRIEFING	DEORBIT BRIEFING	
				PUBLIC AFFAIRS EVENT Ref. MSG XXX KU TDRE: (17:30-17:58)	PUBLIC AFFAIRS EVENT Ref. MSG XXX KU TDRE: (17:30-17:58)	PUBLIC AFFAIRS EVENT Ref. MSG XXX KU TDRE: (17:30-17:58)	
19:00				MEAL	MEAL	MEAL	
				LANDING-1 COMM C/O (ORB OPS, COMM/INST) MLA AOS: 13/19:01 LOS: 13/19:09	OBSS BERTH (PDRS, OBSS OPERATIONS)	DRY SALIVA CLCT(ORB OPS,SDBI)	
20:00				CABIN CONFIG/STOW		P/TV11 PSSC (PHOTO/TV, SCENES) Perform SETUP	
				MNVR PSSC DEPLOY R=154 P=168 Y=335 A/AUTO/VERN Init MNVR	PSSC DEPLOY (ASSY OPS, PSSC)	P/TV 11 OPS (P/TV, SCENES)	

STS-126 FD (15)

GMT	T D R S W E Z	D O R B N B	MET Day 013	S T S A T I	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	MS5 CHAMITOFF	NOTES
17:00					FCS CHECKOUT (ORB OPS, GNC)	EXERCISE	CABIN CONFIG/STOW	<u>DRY SALIVA CLCT</u> (ORB OPS,SDBI)	
						<u>DRY SALIVA CLCT</u> (ORB OPS,SDBI)	<u>NLP TERMINATION</u> (ASSY OPS, PAYLOADS) Terminate GAP E		
						CABIN CONFIG/STOW	CABIN CONFIG/STOW	EXERCISE	
					<u>RCS HOT FIRE TEST</u> (ORB OPS, RCS)				
18:00					DEORBIT BRIEFING	DEORBIT BRIEFING	DEORBIT BRIEFING	DEORBIT BRIEFING	
					PUBLIC AFFAIRS EVENT Ref. MSG XXX KU TDRE: (17:30-17:58)	PUBLIC AFFAIRS EVENT Ref. MSG XXX KU TDRE: (17:30-17:58)	PUBLIC AFFAIRS EVENT Ref. MSG XXX KU TDRE: (17:30-17:58)	PUBLIC AFFAIRS EVENT Ref. MSG XXX KU TDRE: (17:30-17:58)	
19:00					MEAL	MEAL	MEAL	MEAL	
					<u>SHUTTLE CONDENSATE COLLECTION</u> (ORB OPS, ECLS) Perform <u>TEARDOWN</u>	<u>SSV DEACTIVATION</u> (PHOTO/TV, SSV)	<u>OBSS BERTH</u> (PDRS, OBSS OPERATIONS)	CABIN CONFIG/STOW	
20:00					CABIN CONFIG/STOW	CABIN CONFIG/STOW		<u>DRY SALIVA CLCT</u> (ORB OPS,SDBI)	
								EXERCISE	
20:00					<u>DRY SALIVA CLCT</u> (ORB OPS,SDBI)		<u>PSSC DEPLOY</u> (ASSY OPS, PSSC)		

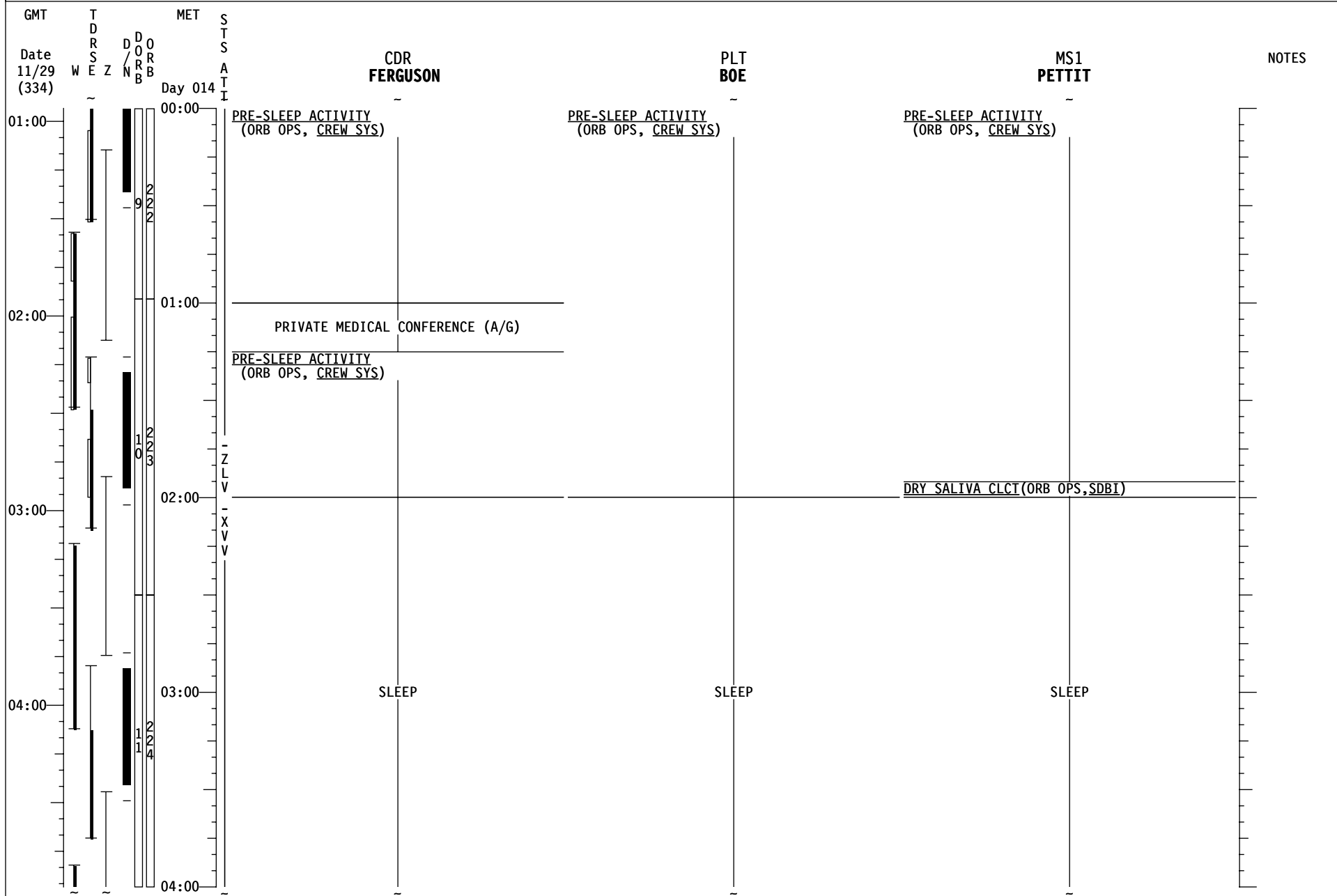
STS-126 FD (15)

GMT	T D R S E Z	D O R B	MET	S T S	CDR FERGUSON	PLT BOE	MS1 PETTIT	NOTES
Date 11/28 (333)	W	E	Z	N	Day 013			
21:00		6	1	9	CABIN CONFIG/STOW PSSC DEPLOY (13/20:18)	PSSC DEPLOY (ASSY OPS, PSSC)	P/TV 11 OPS (P/TV, SCENES)	
					LANDING-1 COMM C/O (ORB OPS, COMM/INST) DFR AOS: 13/20:31 LOS: 13/20:39	MNVR (TRK) -ZLV -XVV RMS PWRDN (PDRS, RMS PWRDN)		[B] TG=2 BV=3 OM=0 A/AUTO/VERN Init TRK
22:00		7	2	0	CABIN CONFIG/STOW	CABIN CONFIG/STOW	CABIN CONFIG/STOW	
23:00		8	2	1	PILOT WITH RHC (ORB OPS, PGSC)	PILOT WITH RHC (ORB OPS, PGSC)		KU-BD ANT STOW (ORB OPS, COMM/INST) WLES DEACTIVATION & TEARDOWN (ORB OPS FS, WLE SENSORS)
00:00		9	2	2	CABIN CONFIG/STOW	CABIN CONFIG/STOW		PGSC DEACT Powerdown & stow all PGSCs (except WinDecom), WAP, & color printer. MUS LOG (ASSY OPS, PAYLOADS) PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
					ENTRY COOLING CONFIG [C] MUS LOG (ASSY OPS, PAYLOADS) PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	MUS LOG (ASSY OPS, PAYLOADS) PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)		
					PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)			

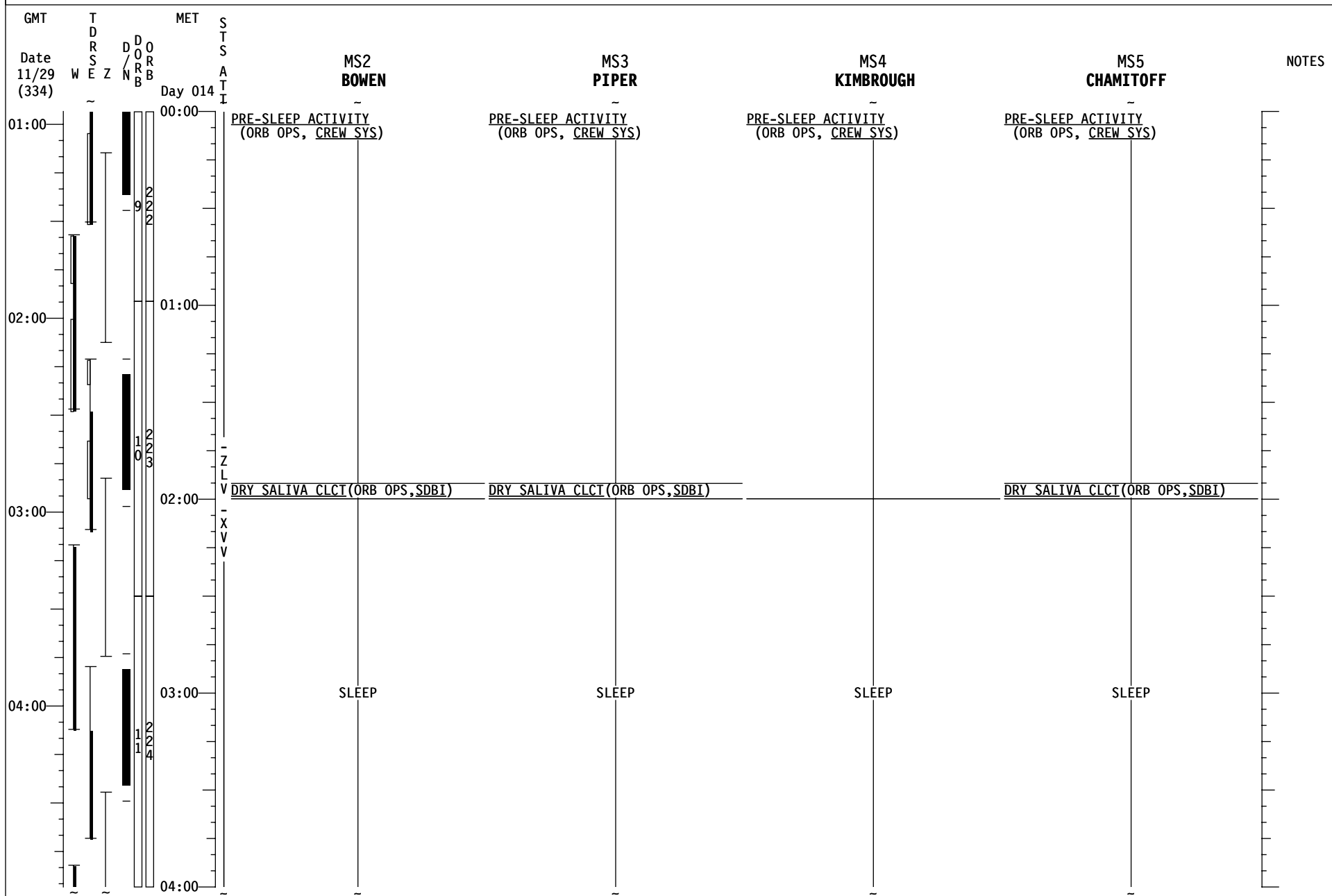
STS-126 FD (15)

GMT	TDRSEZ	MET	S	MS2 BOWEN	MS3 PIPER	MS4 KIMBROUGH	MS5 CHAMITOFF	NOTES
Date 11/28 (333)	W E Z	Day 013	ST S A T I					
21:00	619	20:00	PSSC	EXERCISE	<u>DRY SALIVA CLCT</u> (ORB OPS, SDBI)	<u>PSSC DEPLOY</u> (ASSY OPS, PSSC)	EXERCISE	
22:00	720	21:00		<u>CYCLE ERGOMETER OPS</u> (ORB OPS, CREW SYS) Perform <u>RECONFIG/STOW</u>	CABIN CONFIG/STOW	<u>RMS PWRDWN</u> (PDRS, RMS PWRDN)	CABIN CONFIG/STOW	
				<u>RECUMBENT SEAT KIT ATTACH</u> (ORB OPS, CUE CARD)		<u>ENTRY VIDEO SETUP</u> (PHOTO/TV, REF PROC)	<u>RECUMBENT SEAT KIT ATTACH</u> (ORB OPS, CUE CARD)	
23:00	821	22:00	Z L V	<u>PILOT WITH RHC</u> (ORB OPS, PGSC)		CABIN CONFIG/STOW		
			X V V		<u>LAUNCH ENTRY SUIT CHECK</u> Verify Fit		<u>LAUNCH ENTRY SUIT CHECK</u> Verify Fit	
00:00	922	23:00		CABIN CONFIG/STOW	CABIN CONFIG/STOW	<u>MDDK STATUS CHECK</u> (ASSY OPS, P/L) <u>MUS LOG</u> (ASSY OPS, PAYLOADS) <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	
				<u>MUS LOG</u> (ASSY OPS, PAYLOADS) <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>MUS LOG</u> (ASSY OPS, PAYLOADS) <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)			
		00:00						

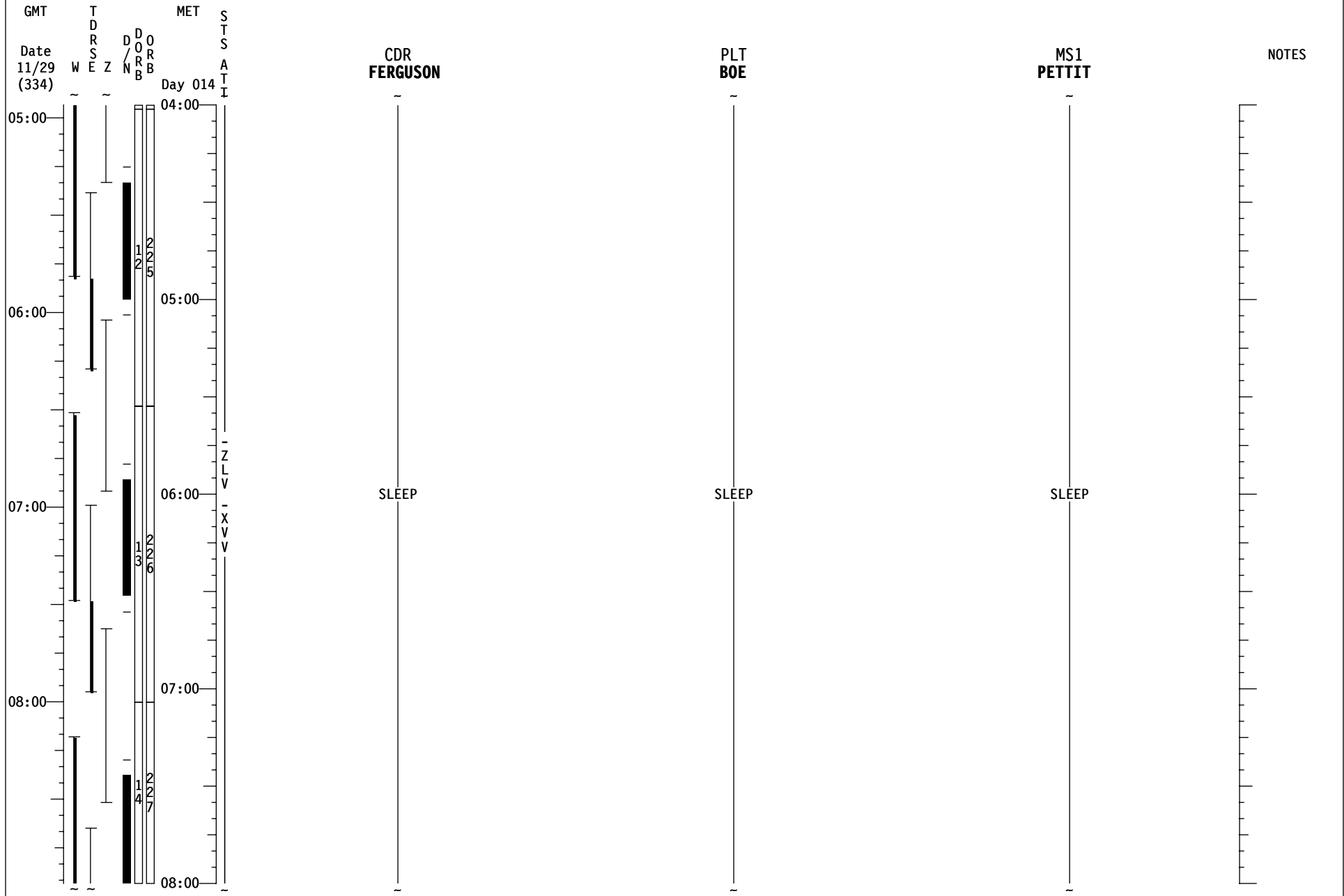
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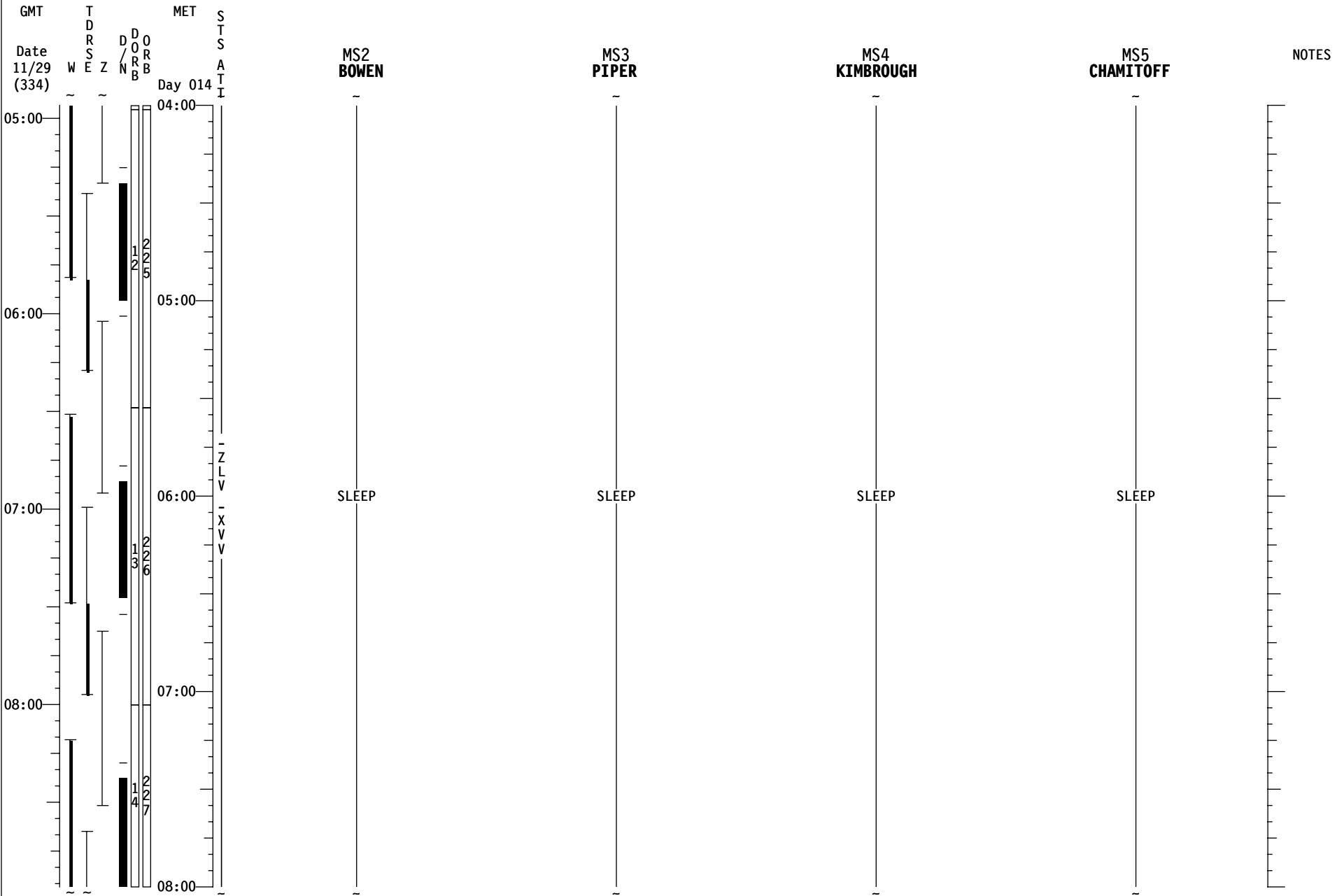
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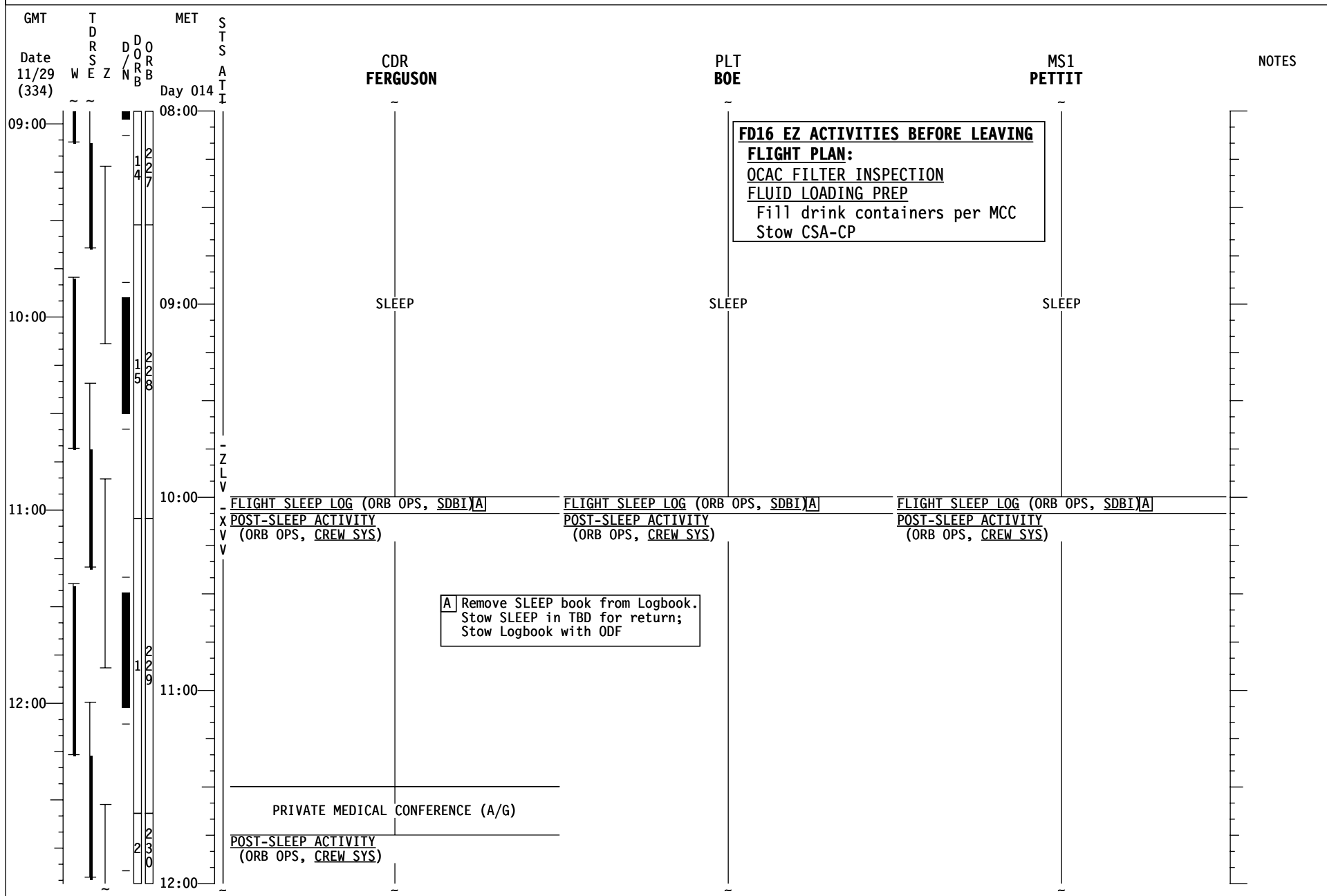
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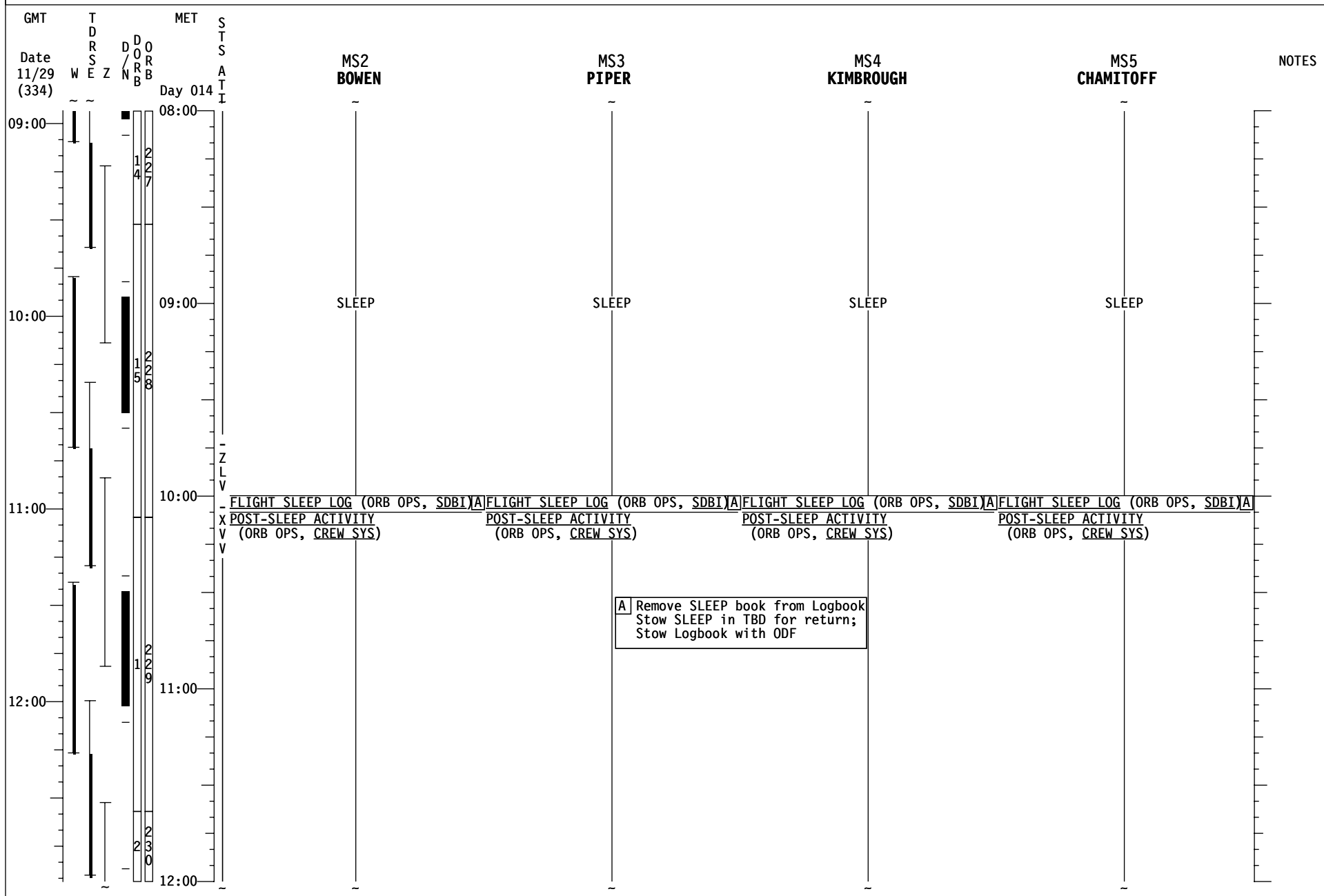
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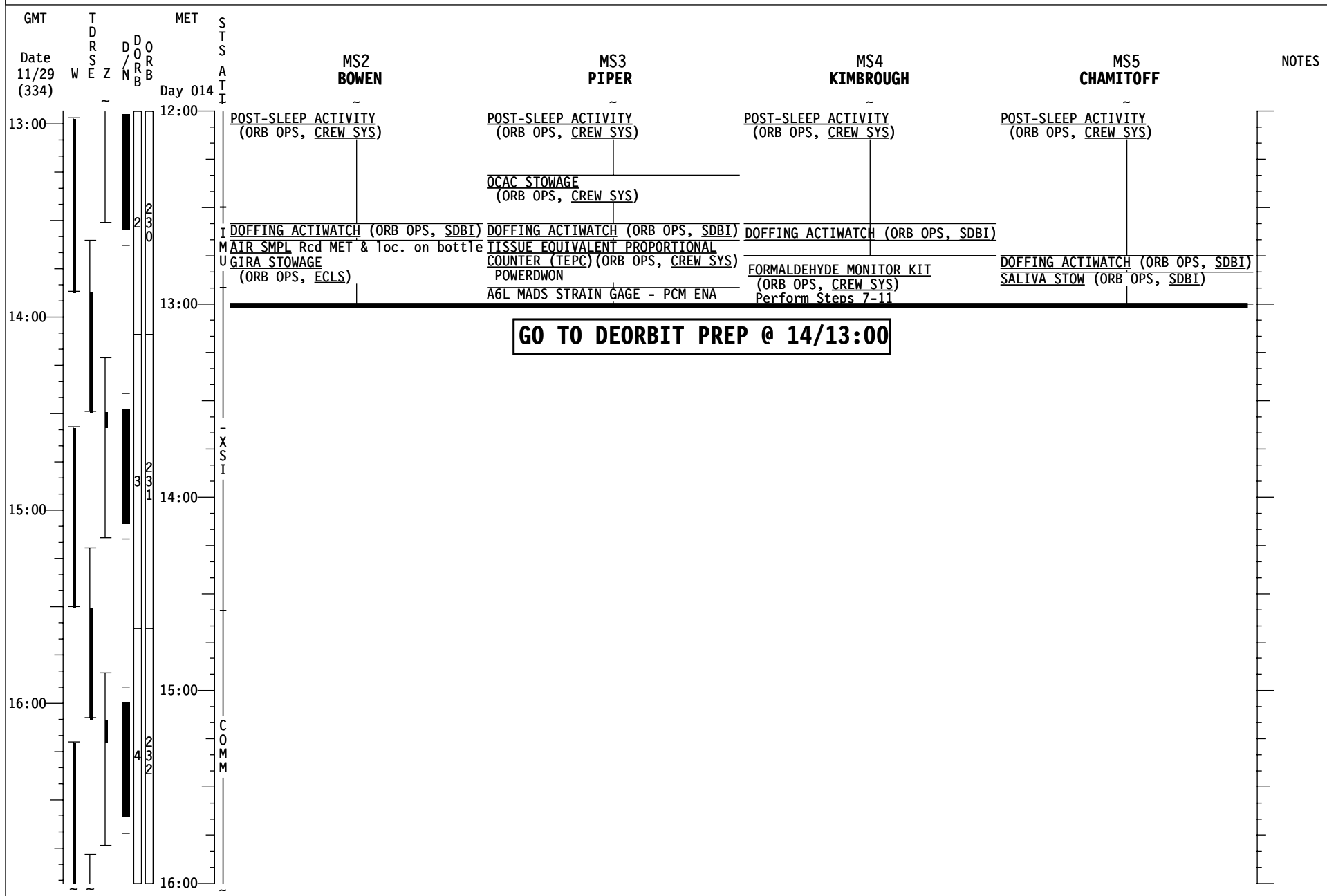
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STS-126 FD (16)



STS-126 FD (16)



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FLIGHT PLAN

STS
126