

Flight Plan

STS-132/ULF4

(L-35 FDO Trajectory)

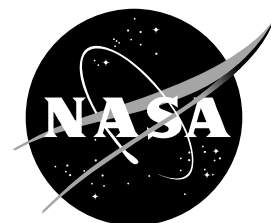
**Mission Operations Directorate
Operations Division**

**Final
April 19, 2010**

**Launch Date: May 14, 2010 GMT
Launch Time: 134/18:19:59 GMT
Fri. May 14, 14:19:59 EDT**

National Aeronautics and
Space Administration

Lyndon B. Johnson Space Center
Houston, Texas

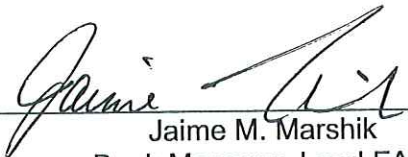



MISSION OPERATIONS DIRECTORATE

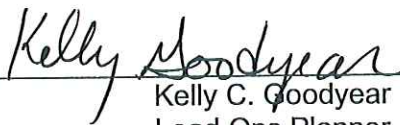
**FLIGHT PLAN
STS-132**

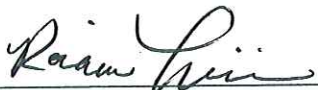
FINAL
April 19, 2010

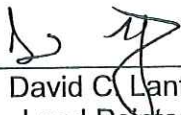
PREPARED BY:


Jaime M. Marshik
Book Manager, Lead FAO



Telisha M. Harris
Lead Timeline


Kelly C. Goodyear
Lead Ops Planner



Roiann M. Nimis
Lead RPE

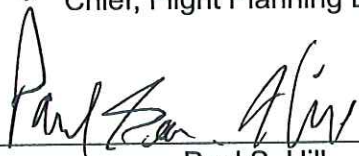

David C. Lantz
Lead Printer

APPROVED BY:


Mark R. Blanton
Acting Group Lead, Flight Planning


Scott A. Curtis
Chief, Flight Planning Branch


Peter J. Beauregard
Chief, Operations Division


Paul S. Hill
Director of Operations

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

Additional distribution of this book, for official use only, may be requested in writing to DO3/PMO Administrator. The request must include justification and requester's name, organization, position, and phone number. Contractor requests are made through the NASA or DOD organization supported. Deletions, reduction in quantity, or change of address may be submitted to DO3/FDF Management Office, 281-244-1184.

Incorporates the following:	
482#:	FLT PLN-02140B FLT PLN-02153

AREAS OF TECHNICAL RESPONSIBILITY

Book Manager/Lead FAO	DO4/J. Marshik	281-483-8796
Lead Timeline	DO4/T. Harris	281-244-1081
Lead Pointer	DO4/D. Lantz	281-244-5796
Lead Ops Planner	DO4/K. Goodyear	281-244-6468
Lead RPE	DO4/R. Nimis	281-244-1178

FLIGHT PLAN
STS-132

LIST OF EFFECTIVE PAGES

	FINAL	04/19/10	
Sign Off	* 132/FIN	2-41	132/FIN
ii.....	* 132/FIN	2-42	132/FIN
iii.....	* 132/FIN	3-1	132/FIN
iv.....	* 132/FIN	3-2	132/FIN
v	* 132/FIN	3-3	132/FIN
vi.....	* 132/FIN	3-4	132/FIN
1-1	132/FIN	3-5	132/FIN
1-2	132/FIN	3-6	132/FIN
1-3	132/FIN	3-7	132/FIN
1-4	132/FIN	3-8	132/FIN
2-1	132/FIN	3-9	132/FIN
2-2	132/FIN	3-10	132/FIN
2-3	132/FIN	3-11	132/FIN
2-4	132/FIN	3-12	132/FIN
2-5	132/FIN	3-13	132/FIN
2-6	132/FIN	3-14	132/FIN
2-7	132/FIN	3-15	132/FIN
2-8	132/FIN	3-16	132/FIN
2-9	132/FIN	3-17	132/FIN
2-10	132/FIN	3-18	132/FIN
2-11	132/FIN	3-19	132/FIN
2-12	132/FIN	3-20	132/FIN
2-13	132/FIN	3-21	132/FIN
2-14	132/FIN	3-22	132/FIN
2-15	132/FIN	3-23	132/FIN
2-16	132/FIN	3-24	132/FIN
2-17	132/FIN	3-25	132/FIN
2-18	132/FIN	3-26	132/FIN
2-19	132/FIN	3-27	132/FIN
2-20	132/FIN	3-28	132/FIN
2-21	132/FIN	3-29	132/FIN
2-22	132/FIN	3-30	132/FIN
2-23	132/FIN	3-31	132/FIN
2-24	132/FIN	3-32	132/FIN
2-25	132/FIN	3-33	132/FIN
2-26	132/FIN	3-34	132/FIN
2-27	132/FIN	3-35	132/FIN
2-28	132/FIN	3-36	132/FIN
2-29	132/FIN	3-37	132/FIN
2-30	132/FIN	3-38	132/FIN
2-31	132/FIN	3-39	132/FIN
2-32	132/FIN	3-40	132/FIN
2-33	132/FIN	3-41	132/FIN
2-34	132/FIN	3-42	132/FIN
2-35	132/FIN	3-43	132/FIN
2-36	132/FIN	3-44	132/FIN
2-37	132/FIN	3-45	132/FIN
2-38	132/FIN	3-46	132/FIN
2-39	132/FIN	3-47	132/FIN
2-40	132/FIN	3-48	132/FIN

* – Omit from flight book

3-49	132/FIN	3-105	132/FIN
3-50	132/FIN	3-106	132/FIN
3-51	132/FIN	3-107	132/FIN
3-52	132/FIN	3-108	132/FIN
3-53	132/FIN	3-109	132/FIN
3-54	132/FIN	3-110	132/FIN
3-55	132/FIN	3-111	132/FIN
3-56	132/FIN	3-112	132/FIN
3-57	132/FIN	3-113	132/FIN
3-58	132/FIN	3-114	132/FIN
3-59	132/FIN	3-115	132/FIN
3-60	132/FIN	3-116	132/FIN
3-61	132/FIN	3-117	132/FIN
3-62	132/FIN	3-118	132/FIN
3-63	132/FIN	3-119	132/FIN
3-64	132/FIN	3-120	132/FIN
3-65	132/FIN	3-121	132/FIN
3-66	132/FIN	3-122	132/FIN
3-67	132/FIN	3-123	132/FIN
3-68	132/FIN	3-124	132/FIN
3-69	132/FIN	3-125	132/FIN
3-70	132/FIN	3-126	132/FIN
3-71	132/FIN	3-127	132/FIN
3-72	132/FIN	3-128	132/FIN
3-73	132/FIN	3-129	132/FIN
3-74	132/FIN	3-130	132/FIN
3-75	132/FIN	3-131	132/FIN
3-76	132/FIN	3-132	132/FIN
3-77	132/FIN	3-133	132/FIN
3-78	132/FIN	3-134	132/FIN
3-79	132/FIN	3-135	132/FIN
3-80	132/FIN	3-136	132/FIN
3-81	132/FIN	3-137	132/FIN
3-82	132/FIN	3-138	132/FIN
3-83	132/FIN	3-139	132/FIN
3-84	132/FIN	3-140	132/FIN
3-85	132/FIN	3-141	132/FIN
3-86	132/FIN	3-142	132/FIN
3-87	132/FIN		
3-88	132/FIN		
3-89	132/FIN		
3-90	132/FIN		
3-91	132/FIN		
3-92	132/FIN		
3-93	132/FIN		
3-94	132/FIN		
3-95	132/FIN		
3-96	132/FIN		
3-97	132/FIN		
3-98	132/FIN		
3-99	132/FIN		
3-100	132/FIN		
3-101	132/FIN		
3-102	132/FIN		
3-103	132/FIN		
3-104	132/FIN		

CONTENTS

PAGE

INTRODUCTION	vi
OVERVIEW TIMELINE	1-1
SUMMARY TIMELINE	2-1
DETAILED TIMELINE.....	3-1

INTRODUCTION

The STS-132 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-17462-132, STS-132 Flight Requirements Document
- NSTS-37326, Shuttle Crew Scheduling Constraints
- NSTS-21541, ISS-ULF4 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-132 Flight Plan is based on a launch date of May 14, 2010, at 18:19:59 GMT (13:19:59 CDT). Orbiter inertial attitudes are expressed relative to a mean of 1950 (M50) reference frame.

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

None

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

http://modspops.isc.nasa.gov/mod/DO/DO4/Joint/132_ULF4/default.aspx

Non-flown sections that are no longer published:

- ISS Commanding Pages
- Attitude Timeline
- Ku-Band Antenna Masking Plan
- Flight Plan Notes
- Flight Plan Walkthrough

OVERVIEW TIMELINE

This Page Intentionally Blank

STS-132/ULF4 Overview Timeline (12+0+2) Launch May 14, 2010 (GMT 134/18:19:59)

MET														00/0	1	2	3	4	5	6	7	8	9	10	11	12
FD01	STS											ASC	Post Insertion	P/TV01 / PGSC S/U	RMS C/O	PS	Sleep									
	ORB ATT											-ZLV -XVV														
NC1^																										
FD02	STS	Sleep	Post Sleep	OBSS Unbrth/Srvy-Stbd, Nose				Meal	OBSS Survey Port	OBSS Berth	RNDZ Tools C/O	Pre Sleep	Sleep													
	ORB ATT	-ZLV -XVV		Inspection Attitudes				-ZLV -XVV																		
NC2^												NC3^														
FD03	STS	Slp	PS	ISS RNDZ				Dock	Hatch Hello	EVA Xfers/Prep, ICC Unbrth/Instl POA	EVA1 Rvw	Pre Sleep/EVA PB	Sleep													
	ORB ATT	-Z-X	Dump	RNDZ				BIAS -XLV -ZVV																		
Water Dump^ NH^ NC4^ Tj^ Dock 1/20:00^ MT Xlate WS4-6, SSRMS W/O MBS PDGF3																										
FD04	STS	Slp	Pst Slp	EVA Prep/Cmpout				EVA 1-SGANT/SGANT Boom Instl, EOTP				Pst EVA	Pre Sleep	Sleep												
	ORB ATT	-ZLV -XVV		SSRMS EVA Support				Xfer				Pre Sleep	Sleep													
BIAS -XLV -ZVV W/O LAB, PDGF3 Ris																										
FD05	STS	S	Post Sleep	SRMS/SSRMS MRM-1 Unbrth/Dk, EVA2 Prep				Meal	OBSS H/O, FI Rvw	FI Xfer	EVA2 Rvw	Pre Sleep/EVA PB	Sleep													
	ORB ATT	-ZLV -XVV		BIAS -XLV -ZVV				W/O MBS PDGF3, LAB Ris, MT Xlate WS6-8																		
FD06	STS	S	Pst Slp	EVA Prep/Cmpout				EVA 2-4 P6 Batt R&R				Pst EVA	Pre Sleep	Sleep												
	ORB ATT	-ZLV -XVV		SSRMS EVA Support				Pst EVA				Pre Sleep	Sleep													
BIAS -XLV -ZVV																										
FD07	STS	Post Sleep	EVA3 Prep/Xfer				Meal	Joint Off Duty (4 hr), PFCs				EVA3 Rvw	Pre Sleep/EVA PB	Sleep												
	ORB ATT	BIAS -XLV -ZVV		Water Dump				BIAS -XLV -ZVV																		
Water Dump^																										
FD08	STS	Pst Slp	EVA Prep/Cmpout	EVA 3-2 P6 Batt R&R, PDGF Rlct				Pst EVA	Pre Sleep	Sleep							P									
	ORB ATT	-ZLV -XVV		SSRMS EVA Support				ICC to POA				Xfer	Pre Sleep	Sleep												
BIAS -XLV -ZVV MT Xlate WS6-6, SSRMS W/O LAB, PDGF3 Ris, MT Xlate WS6-4																										
FD09	STS	Post Sleep	SSRMS ICC Brth PLB, SPINAL, MDDK & EVA Xfers				Meal	Reboost, MDDK Xfer	Joint Off Duty (2:45 hr)				Pre Sleep	Sleep							Pst Slp					
	ORB ATT	BIAS -XLV -ZVV		REBOOST				BIAS -XLV -ZVV																		
FD10	STS	P	O2/N2 Xfer T/D	RNDZ Tool/CL Cam	Crew Conf/Photo	Meal	Hatch Cls & Leak Ck	Mnvr Undk/ UNDOCK	Fly/Sep	Pre Sleep				Sleep							Pst Slp					
	ORB ATT	-ZLV -XVV		BIAS -XLV -ZVV				UNDK/FLY				-ZLV -XVV														
Undk 8/20:52^																										
FD11	STS	Pst Slp	Dump	TPS Survey-Stbd, Nose				Meal	OBSS Survey Port	OBSS Berth	D/H	Pre Sleep	Sleep							Post Sleep						
	ORB ATT	-ZLV -XVV		Dump				Inspection Attitudes				-ZLV -XVV														
^Waste Dump												^OA														
FD12	STS	PS	FCS C/O, RCS HF	Cabin Stow	D/O Brief	Meal	Cabin Stow, L-1 Comm Cks, Water Dumps				Pre Sleep	Sleep							Post Sleep							
	ORB ATT	-ZLV -XVV		Dump				-ZLV -XVV																		
^Water Dump																										
FD13	STS	PS	I MU	D/O PREP				LDG																		
	ORB ATT	-Z	IMU	-XSI	COMM				Entry																	
KSC D/O TIG 11/17:14^ FLT PLN/132/FIN																										
KSC Landing 11/18:16^																										

This Page Intentionally Blank

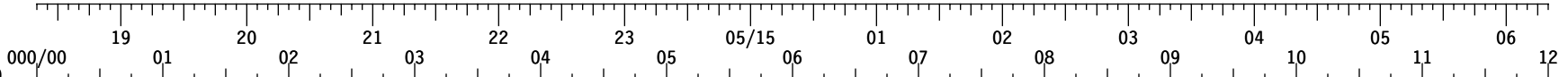
SUMMARY TIMELINE

This Page Intentionally Blank

FD01

GMT 05/14/10 (134)

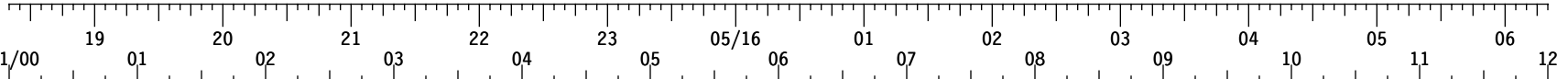
MET Day 000



STS-132	CDR Ham	ASCENT	POST INSERTION	LOADS BLEED APDS	NC1*	OMS BURN	M-NZ RVLV	GRPR ZLVB	PIIT DU	AFTC/O	ELV PARK	APDR PK#	PSLEE A/G	PRE SLEEP	SLEEP						
	PLT Antonelli	ASCENT	POST INSERTION	SEE SETUP	RMS*	OMS BURN	WATC H	RP MWR	SR UP	RMS C/O	PRE SLEEP	SLEEP									
	MS1 Reisman	ASCENT	POST INSERTION	PGSC SETUP				ETHH*	HDN VLD	WATC H	PRE SLEEP	SLEEP									
	MS2 Good	ASCENT	POST INSERTION	TEPC CON	OSCE ACUP	GIRA INSTALL	RP MWR	SR UP	RMS C/O	PRE SLEEP	SLEEP										
	MS3 Bowen	ASCENT	POST INSERTION	P/TV01 VIDEO SETUP				UMB WELL	D/L	WATC H	PRE SLEEP	SLEEP									
	MS4 Sellers	ASCENT	POST INSERTION	ORBIT INIT	MARC MT-1	PGSC SETUP				WLEST ACT	WATC H	PRE SLEEP	SLEEP								
DAY/NIGHT				1		2		3		4		5		6		7		8		9	
ORBIT				1		2		3		4		5		6		7		8		9	
TDRS				1		2		3		4		5		6		7		8		9	
ORB ATT				OMS2		-ZLV -XVV		NC1		*ON-ORBIT INIT		#STATUS CHECK		-ZLV -XVV							
NOTES																					

FD02

GMT 05/15/10 (135)



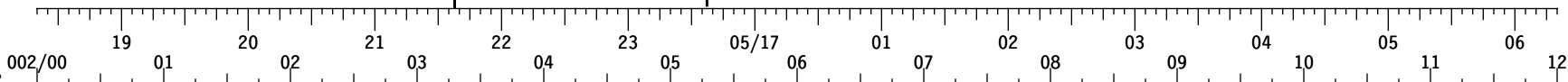
STS-132	CDR Ham	PWS OIR RNR TGV Y	U M - W Z S L B * V L B * E R V Y	EXERCISE	PRE SLEEP	NC3 MULT AXIS RCS BURN	FUT MNA/G VVR	PRE SLEEP	SLEEP	
	PLT Antonelli	PWS OIR RNR TGV Y		OBSS BERTH	CRYO 02 SNSR CK	MULT AXIS RCS BURN		PRE SLEEP	SLEEP	
	MS1 Reisman	PWS OIR RNR TGV Y		RNDZ TOOLS C/O	DOCKING %	C/L CMR INSTL	ODS RING EXT	PRE SLEEP	SLEEP	
	MS2 Good	EXERCISE		LDR1 DOWNLINK	FC PRG ^			PRE SLEEP	SLEEP	
	MS3 Bowen			RNDZ TOOLS C/O	DOCKING %	C/L CMR INSTL	ODS RING EXT	PRE SLEEP	SLEEP	
	MS4 Sellers			OBSS BERTH	MD DK #	PRE SLEEP *	OC A *	PRE SLEEP	SLEEP	
DAY/NIGHT		[Timeline with day/night indicators]								
ORBIT		[Timeline with orbit parameters]								
TDRS		[Timeline with TDRS events]								
ORB ATT		[Timeline with orbit attitude]								
NOTES		*CNTLR SWAP ^MANUAL %MECH-INIT *RATE RCNFG #STATUS CHECK -ZLV -XVV								

NO UNISOLATED EXERCISE
[MT XLATE]

FD03

GMT 05/16/10 (136)

MET Day 002



S T S - 1 3 2	CDR Ham	MDDK XFER	EVA1 PROCEDURE RVW	XTFAEGRUP	PRE SLEEP	XBFRIEF	PMC A/G	PRE SLEEP	SLEEP	
	PLT Antonelli	EVA 1 TOOL CONFG	EVA1 PROCEDURE RVW	CWC-I S/U	PRE SLEEP			SLEEP		
	MS1 Reisman	EVA 1 TOOL CONFG	EVA1 PROCEDURE RVW	PRE SLEEP		MASK PB/TOOL CONFG	PRE SLEEP	SLEEP		
	MS2 Good	E_LK PREP	EVA1 PROCEDURE RVW	PRE SLEEP			SLEEP			
	MS3 Bowen	EVA 1 TOOL CONFG	EVA1 PROCEDURE RVW	PRE SLEEP		MASK PB/TOOL CONFG	PRE SLEEP	SLEEP		
	MS4 Sellers	SSRMS ICC INSTL POA	EVA1 PROCEDURE RVW	MDEKSLP	PLPSBK	PRE SLEEP			SLEEP	
DAY/NIGHT ORBIT		33	34	35	36	37	38	39	40	41
TDRS	W E Z	[Timeline bars for W, E, Z]								
ISS	TDRS AVAIL	[Green bars for TDRS AVAIL]								
	ORB ATT	[Timeline bars for ORB ATT]								
	SSRMS POS	LAB PDGF @ WS4			MT XLATE			W/O		MBS PDGF3 @ WS6
	NOTES	#STATUS CHECK								

ISS A/L CAMPOUT @ 10.2 psi

NO UNISOLATED EXERCISE
[MT XLATE]

FD03

GMT 05/16/10 (136)

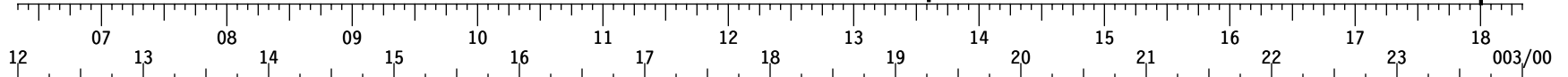
MET Day 002

ISS		TDRS	AVAIL	002/00 19 01 20 02 21 03 22 04 23 05 05/17 06 01 07 02 08 03 09 04 10 05 11 06 12														
ISS	ISS CDR Kotov		PW	VELO	DPC	PRE SLEEP-ISS						SLEEP						
	FE-1 Skvortsov	TVIS		PW	DPC	PRE SLEEP-ISS						SLEEP						
	FE-2 Caldwell	SSRMS ICC INSTL POA		EVA1 PROCEDURE RVW	PW	DPC	PRE SLEEP-ISS						R	X	N	SLEEP		
	FE-3 Kornienko			PW	DPC	PRE SLEEP-ISS						SLEEP						
	FE-5 Noguchi	* R C C S S G C D M S N 2		EVA1 PROCEDURE RVW	PW	DPC	PRE SLEEP-ISS						R	X	N	SLEEP		
	FE-6 Creamer	EVA CAMERA CNFG		EVA1 PROCEDURE RVW	C P U P L A * M	DPC	M P C	PRE SLEEP-ISS						M R P X O N	SLEEP			
DAY/NIGHT																		
ORBIT																		
SSRMS POS				LAB PDGF @ WS4		MT XLATE		W/O				MBS PDGF3 @ WS6						
ALL VHF																		
NOTES		*FISH SMPL		*RSTRNT RMV														

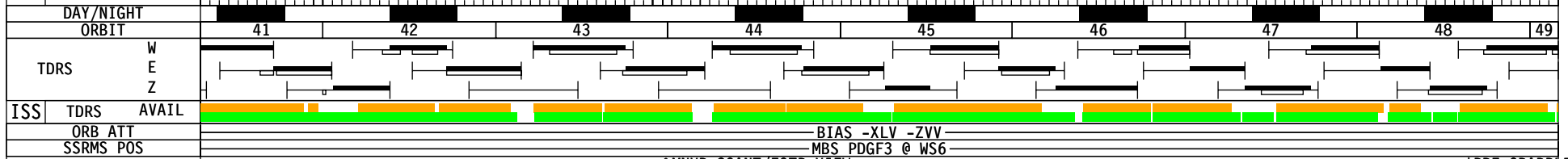
NO UNISOLATED EXERCISE
[SGANT & EOTP INSTALL]

FD04

GMT 05/17/10 (137)



STS-132	CDR Ham	SLEEP	POST SLEEP	PMC A/G PS OL SEP	HYG BRK/HATCH CLS	EVA PREP	RMS% EMURGE	EMU PREBREATHE	C_LK DPRS	P D P S	CFWCL-I #1	CFWCL-I #2	CFWCL-I #3	MDDK XFER	MEAL	CFWCL-I #4	CFWCL-I #5	CWC-I XFER (5)	MDDK XFER	M R M 1 *	EXERCISE	
	PLT Antonelli	SLEEP	LOG POST SLEEP	POST SLEEP	FESTI	IP NA H I B	PTV 6 S /U	RMS% X F E D R A T T E	EXERCISE	P/TV 07 S/U	EVA 1 IVA SUPPORT EVA 1 - 6:30										M R M 1 *	EVA 1 IVA SUPPORT
	MS1 Reisman	SLEEP	POST SLEEP	HYG BRK/PREBREATHE	14.7 RPRS	10.2 DPRS	EVA PREP	EMURGE	EMU PREBREATHE	C_LK DPRS	P D P S	E G R S	SETUP	P P A R L E L P L E T	REDUNDANT SGANT INST	EOTP INSTALL	S C L R E M A I N S U P		C I L N G U R P S &			
	MS2 Good	SLEEP	POST SLEEP	HYG BRK/HATCH CLS	EVA PREP	EMURGE	EMU PREBREATHE	C_LK DPRS	P D P S	P/TV 07 EVA SUPT			MEAL	P/TV 07 EVA SUPT								
	MS3 Bowen	SLEEP	POST SLEEP	HYG BRK/PREBREATHE	EVA PREP	EMURGE	EMU PREBREATHE	C_LK DPRS	P D P S	E G R S	SETUP	P P A R L E L P L E T	REDUNDANT SGANT INST	EOTP INSTALL	B P A R T E R Y	C I L N G U R P S &						
	MS4 Sellers	SLEEP	LOG POST SLEEP					M M C D I D U K * #	N T E R M L P R M	SSRMS EVA 1 SUPPORT												

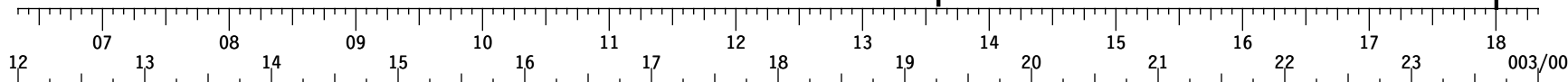


NOTES %MNR-SGANT/EOTP VIEW *PRE-GRAPPLE
*FILTER CK
#STATUS CHECK

NO UNISOLATED EXERCISE
[SGANT & EOTP INSTALL]

FD04

GMT 05/17/10 (137)

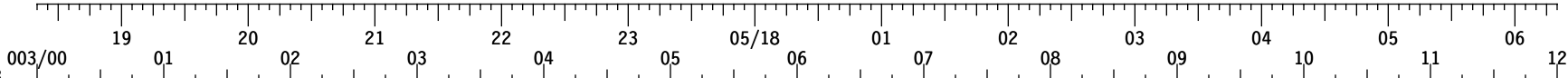


MET Day 002

ISS	TDRS	AVAIL	Timeline (12-18)																							
ISS	ISS CDR Kotov	SLEEP	PS	INSTALL	PS	M07	M08	STOW	PS	DPC	PS			DPART PREP			TVIS	MIDDAY-MEAL	RUSSIAN-OPS				VELO			
	FE-1 Skvortsov	SLEEP	POST SLEEP	PW	DPC	И П - 1 M N T								VELO	RUSSIAN-OPS		MIDDAY-MEAL	IMS	RUSSIAN-OPS			TVIS				
	FE-2 Caldwell	SLEEP	POST SLEEP	PW	DPC	ARED							T2	SSRMS EVA 1 SUPPORT												
	FE-3 Kornienko	SLEEP	POST SLEEP	PW	DPC	RUSSIAN-OPS							TVIS	RUSSIAN-OPS		MIDDAY-MEAL	EDB FILL	COX	RUSSIAN-OPS							
	FE-5 Noguchi	SLEEP	BIPSS	M07	M08	PS	DPC	HAM	CDRA INSTL	ARED	ARED CYL		DPART PREP	MDDK XFER	MIDDAY-MEAL	GSC OPS					T2					
	FE-6 Creamer	SLEEP	PS	M07	M08	PS	DPC	TEST	CDRA INSTL	CDRATA*	CUPLA*		CSA-CP ACO		T2	MIDDAY-MEAL	DPART PREP		GLOVE	MDDK XFER		PW				
DAY/NIGHT	[Bar chart showing day/night cycle]																									
ORBIT	[Bar chart showing orbit parameters]																									
SSRMS POS	[Bar chart showing SSRMS position]																									
ALL VHF	[Bar chart showing VHF activity]																									
NOTES	*RSTRNT INSTL																									

FD04

GMT 05/17/10 (137)



STS - 132	CDR Ham	EXERCISE	POST EVA W/H20	XTFAEGRUP	PRE SLEEP	PSRL EEP	PMC A/G	PRE SLEEP	SLEEP
	PLT Antonelli	ESVAPP10IRTA	MDDK XFER	PRE SLEEP	ETVAGUP			PRE SLEEP	SLEEP
	MS1 Reisman	CILNGURPS &	POST EVA W/H20	ETVAGUP				PRE SLEEP	SLEEP
	MS2 Good	P/TV07EVA SUPT	POST EVA W/H20	ETVAGUP				PRE SLEEP	SLEEP
	MS3 Bowen	CILNGURPS &	POST EVA W/H20	ETVAGUP				PRE SLEEP	SLEEP
	MS4 Sellers	SESVAPP10IRTA	MDDK XFER	ETVAGUP	MADUK#			PRE SLEEP	SLEEP

DAY/NIGHT	[Bar chart showing day/night cycle]	
ORBIT	[Bar chart showing orbit parameters]	
TDRS W E Z	[Bar chart showing TDRS activity]	
ISS TDRS AVAIL	[Bar chart showing ISS/TDRS availability]	
ORB ATT	[Bar chart showing orbit attitude]	
SSRMS POS	[Bar chart showing SSRMS position]	
NOTES	#STATUS CHECK	

BIAS -XLV -ZVV LAB PDGF @ WS6

FD04

GMT 05/17/10 (137)

MET Day 003 003/00 19 01 20 02 21 03 22 04 23 05 05/18 06 01 07 02 08 03 09 04 10 05 11 06 12

ISS	TDRS	AVAIL	003/00 19 01 20 02 21 03 22 04 23 05 05/18 06 01 07 02 08 03 09 04 10 05 11 06 12															
ISS	ISS CDR Kotov	VELO		PW	DPC	PW	PRE SLEEP-ISS										SLEEP	
	FE-1 Skvortsov	TVIS		PW	OUT DPC	PW	PRE SLEEP-ISS										SLEEP	
	FE-2 Caldwell	SES SVU RAP M1 SPORT		PW	DPC	PS	B S A - I	I M A G E	PRE SLEEP-ISS								SLEEP	
	FE-3 Kornienko	*		VELO	DPC	PW	PRE SLEEP-ISS										SLEEP	
	FE-5 Noguchi	T2	MDDK XFER		C U P O L L A *	DPC	PW	M P C	PRE SLEEP-ISS								M P C	SLEEP
	FE-6 Creamer	PW	ARED		DPC	PW	PRE SLEEP-ISS											SLEEP
DAY/NIGHT			49 50 51 52 53 54 55 56															
ORBIT																		
SSRMS POS			W/O LAB PDGF @ WS6															
ALL VHF																		
NOTES			*RUSSIAN-OPS *RSTRNT RMV															

FD05

GMT 05/18/10 (138)

MET Day 003

STS-132	CDR Ham	SLEEP	POST SLEEP	MGRPL-1	MRM-1 UNBERTH	NO EXERCISE [DBL GRPL]	NO EXERCISE [MRM CAPTURE]	NO EXERCISE [DBL GRPL]	NO EXERCISE [LCS FI]	FLTR CLEAN -INSPECT	EXERCISE	MEAL	RMS GRPL OBSS	FI DOUG REVIEW	FOCUS INSPECTION	XFR TAG	
	PLT Antonelli	SLEEP	POST SLEEP	MGRPL-1	MRM-1 UNBERTH					TOOL CONFG	MEAL	MEAL	RMS GRPL OBSS	FI DOUG REVIEW	FOCUS INSPECTION	CFWCL-I #9	
	MS1 Reisman	SLEEP	POST SLEEP	PTV6 S/U	POST SLEEP	SSRMS-MRM DCKNG OPS					SSRMS OBSS UNBRTH	SSRMS OBSS MNVR H/O	SSRMS	SMNVR #	MEAL	MDDK XFR	EXERCISE
	MS2 Good	SLEEP	POST SLEEP	EXERCISE	CFWCL-I #6	CFWCL-I #7	CFWCL-I #8	CXFCR-I #3	EMU SWAP EVA 2	REBAC/O	TOOL CONFG	E_LK PREP	MEAL		FI DOUG REVIEW	FOCUS INSPECTION	PRE SLEEP
	MS3 Bowen	SLEEP	POST SLEEP			SSV-2			EMU SWAP EVA 2	REBAC/O	TOOL CONFG	E_LK PREP	EXERCISE	MEAL		MDDK XFR	PRE SLEEP
	MS4 Sellers	SLEEP	POST SLEEP	MGRPL-1	POST SLEEP	SSRMS-MRM DCKNG OPS					SSRMS OBSS UNBRTH	SSRMS OBSS MNVR H/O	SSRMS	SMNVR #	MEAL	MDDK XFR	

DAY/NIGHT	57		58		59		60		61		62		63		64	
ORBIT	BIAS -XLV -ZVV															
ORB ATT	LAB PDGF @ WS6															
SSRMS POS																
GND	-KLP -PPK -ULD	-DJS -KLP -PPK -ULD	-DJS -KLP -ULD	-DJS -KLP -SPB -ULD	-DJS -KLP -SPB -ULD	-DJS -KLP -SPB -ULD	-DJS -KLP -SPB -ULD	-DJS -KLP -SPB -ULD	-DJS -KLP -SPB -ULD	-DJS -KLP -SPB -ULD	-DJS -KLP -SPB -ULD	-DJS -KLP -SPB -ULD	-DJS -KLP -SPB -ULD	-DJS -KLP -SPB -ULD	-DJS -KLP -SPB -ULD	-SPB
TDRS	W E Z															
ISS	TDRS	AVAIL														
NOTES	*FILTER CK #STATUS CHECK															
	2-14										FLT PLN/132/FIN			#MBS PREGRAPPLE		*CWC-I FIL

FD05

GMT 05/18/10 (138)

MET Day 003

NO EXERCISE
[DBL GRPL]

NO EXERCISE
[MRM CAPTURE]

NO EXERCISE
[DBL GRPL]

NO EXERCISE
[LCS FI]

12 07 13 08 14 09 15 10 16 11 17 12 18 13 19 14 20 15 21 16 22 17 23 18 004/00

ISS	TDRS	AVAIL	Activity Schedule																							
ISS	ISS CDR Kotov	SLEEP	POST SLEEP	MPEG 2	CYBA CUP TEST	DPC	PW	M1-FGB-DOCK-MON										VELO	MIDDAY-MEAL	DPART	PREP					
	FE-1 Skvortsov	SLEEP	POST SLEEP	PW	CYBA CUP TEST	DPC	TVIS	RUSSIAN-OPS				И П - 1 MNT	TVIS MNT	MIDDAY-MEAL	COX	IMS	TVIS MNTH MNT									
	FE-2 Caldwell	SLEEP	T2	PW	DPC	CUP RWS RLCT	CUPOLA*	G C/DMS	B S A - T	E B M S U A - I	CEVIS			MIDDAY-MEAL	PPC	G C/DMS	CUP RWS RLCT	S/U	PREP							
	FE-3 Kornienko	SLEEP	POST SLEEP	PW	DPC	RUSSIAN-OPS				TVIS			MIDDAY-MEAL	Φ P E O H	CPBK Φ C S M P L	VELO										
	FE-5 Noguchi	SLEEP	ARED	POST SLEEP	DPC	POST SLEEP	PW	CWC PT1	CWC PT2	DPART PREP	MIDDAY-MEAL	PPC	HYDROR	CEVIS												
	FE-6 Creamer	SLEEP	POST SLEEP	PW	DPC	A 3 1 P	D 2 X S	DPART PREP	CEVIS	PPC	EVA CAM	RFTA R&R	MIDDAY-MEAL	WRS-RFTA-FILL	K R M V S C H M	W R D S - C R N F F T G A	WRS RFTA CLS	ARED								
DAY/NIGHT ORBIT	57		58		59		60		61		62		63		64											
SSRMS POS	LAB PDGF @ WS6																									
ALL VHF																										
NOTES	*RSTRNT INSTL												*OPSLAN-CABLE-DSCNCT						ΦRFTA ACCSS		*RSTRNT RMV					

NO UNISOLATED EXERCISE
[MT XLATE]

FD05

GMT 05/18/10 (138)

004/00 19 01 20 02 21 03 22 04 23 05 05/19 06 01 07 02 08 03 09 04 10 05 11 06 12

MET Day 004

STS-132	CDR Ham	PAO	EVA2 PROCEDURE RVW	PRE SLEEP	PMC A/G	PRE SLEEP	SLEEP
	PLT Antone11i	CWC-I-2	EVA2 PROCEDURE RVW	PRE SLEEP			ISS EXTERNAL SURVEY SLEEP
	MS1 Reisman	EXERCISE	EVA2 PROCEDURE RVW	PRE SLEEP			SLEEP
	MS2 Good	PRE SLEEP	EVA2 PROCEDURE RVW	PRE SLEEP	MASK PB/TOOL CONFIG	PRE SLEEP	SLEEP
	MS3 Bowen	PRE SLP	EVA2 PROCEDURE RVW	PRE SLEEP	MASK PB/TOOL CONFIG	PRE SLEEP	SLEEP
	MS4 Sellers	PAO	EVA2 PROCEDURE RVW	EXERCISE	PRE SLEEP		SLEEP

DAY/NIGHT	[Shaded bars for day/night cycle]											
ORBIT	65	66	67	68	69	70	71	72				
ORB ATT	BIAS -XLV -ZVV											
SSRMS POS	W/O			MBS PDGF3 @ WS6			MT XLATE			MBS PDGF3 @ WS8		
GND	-PPK -PPK -PPK -ULD -ULD -ULD											
TDRS	[Timeline bars for TDRS events]											
ISS TDRS AVAIL	[Timeline bars for ISS TDRS availability]											
NOTES	*CWC-I FILL #10 #STATUS CHECK 2-16 FLT PLN/132/FIN											

NO UNISOLATED EXERCISE
[MT XLATE]

FD05

GMT 05/18/10 (138)

MET Day 004

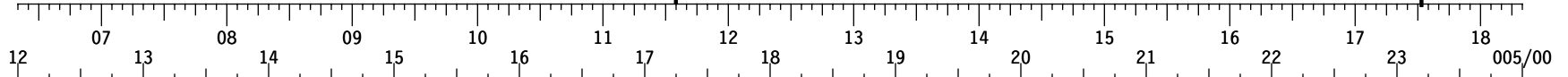
ISS		TDRS	AVAIL	004/00 19 01 02 03 04 05 06 07 08 09 10 11 12												
ISS	ISS CDR Kotov	PAO	TVIS	DPC	PRE SLEEP-ISS						SLEEP					
	FE-1 Skvortsov	PAO	VELO	ЭЛКТБЖ DPC	PRE SLEEP-ISS						SLEEP					
	FE-2 Caldwell	PAO	EVA2 PROCEDURE RVW	DEACT DPC	PRE SLEEP-ISS						SLEEP					
	FE-3 Kornienko	VELO	PW	DPC	PRE SLEEP-ISS						SLEEP					
	FE-5 Noguchi	CEVIS	EVA2 PROCEDURE RVW	PW DPC	PRE SLEEP-ISS						SLEEP					
	FE-6 Creamer	ARED	EVA 2 PROC RVW	PW DPC MPC	PRE SLEEP-ISS						SLEEP					
DAY/NIGHT																
ORBIT																
SSRMS POS				W/O		MBS PDGF3 @ WS6		MT XLATE				MBS PDGF3 @ WS8				
ALL VHF																
NOTES																

NO UNISOLATED EXERCISE
[SSRMS AT EVA WS & P6 BATT]

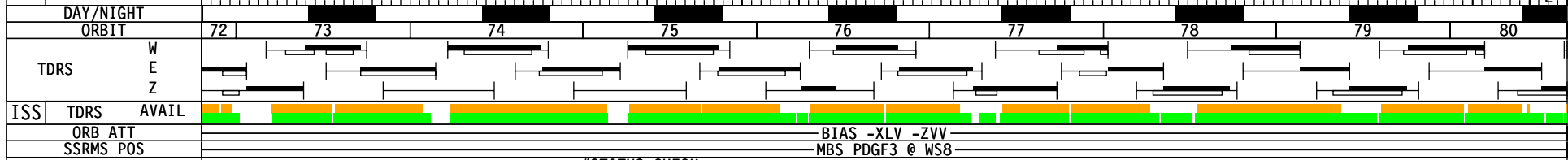
FD06

GMT 05/19/10 (139)

MET Day 004



STS-132	CDR Ham	SLEEP	POST SLEEP	PMC A/G	POST SLEEP	HYG BRK/HATCH CLS	EVA PREP	EMURGE	EMU PREBREATHE	C_LK DPRS	P/DPRS	CFWCL-I #11	CFWCL-I #12	CXWCE-RR-2	P/TV 07 EVA SUPT	CWC S/U	C#1 CWC INIT	MEAL	C#2 CWC INIT	P/TV 07 EVA SUPT	CWC TERM	CWC XFER (2)	P-RPRS				
	PLT Antonelli	SLEEP	LOG		POST SLEEP			IPAD	EXERCISE	XUP/TV 07 S/U					EVA 2 IVA SUPPORT								CND/CO				
	MS1 Reisman	SLEEP	LOG		POST SLEEP				SSRMS ICC RMVL POA	SSRMS ICC S/U - EVA2					SSRMS EVA 2 SUPT							SSRMS MNVR SARJ CLR	P-RPRS				
	MS2 Good	SLEEP	POST SLEEP		HYG BRK/PREBREATHE		EVA PREP	EMURGE	EMU PREBREATHE	C_LK DPRS	P/DPRS	EGRS	SETUP	TEMP STOW BATT	P6 BATT R&R (4)							INSTL BATT ON PALLET	CLNUP & INGRS	P-RPRS			
					14.7 RPRS	10.2 DPRS									EVA 2 - 6:30												
	MS3 Bowen	SLEEP	POST SLEEP		HYG BRK/PREBREATHE		EVA PREP	EMURGE	EMU PREBREATHE	C_LK DPRS	P/DPRS	EGRS	SETUP	TEMP STOW BATT	P6 BATT R&R (4)							INSTL BATT ON PALLET	CLNUP & INGRS	P-RPRS			
MS4 Sellers	SLEEP	LOG		POST SLEEP				SSRMS ICC RMVL POA	SSRMS ICC S/U - EVA2					SSRMS EVA 2 SUPT								SSRMS MNVR SARJ CLR	EXERCISE				



BIAS -XLV -ZVV
MBS PDGF3 @ WS8

#STATUS CHECK
*FILTER CK

NO UNISOLATED EXERCISE
[SSRMS AT EVA WS & P6 BATT]

FD06

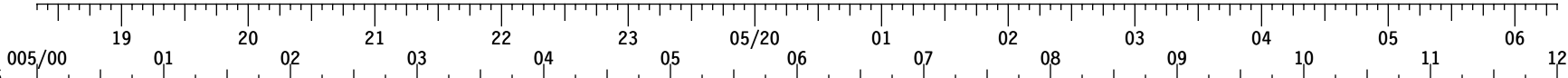
GMT 05/19/10 (139)

MET Day 004

		07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 005/00																							
ISS TDRS AVAIL		[Color-coded availability bars]																							
ISS	ISS CDR Kotov	SLEEP	МБИ 12	POST SLEEP	МБИ 12 D/L	DPC	ПФП ОДНТ PR CDR	RUSSIAN OPS	M1 INGR STUDY	M1 EQUIP PREP	DPART PREP	MIDDAY-MEAL	21S STOW PREP		TVIS										
	FE-1 Skvortsov	SLEEP	ЭЛКПБЖ	POST SLEEP	PW	DPC		VELO	M1 INGR STUDY	M1 EQUIP PREP	TVIS	MIDDAY-MEAL	RSK1 TOPY SW UPD	ACH-M LAPTOP UPGD	RUSSIAN-OPS										
	FE-2 Caldwell	SLEEP		POST SLEEP	HYG BRK/HATCH CLS	EVA PREP		EP MURGE	EMU PREBREATHE	C_LK DPRS	EMU DBSAT	CEVIS		MIDDAY-MEAL	T2										
	FE-3 Kornienko	SLEEP		POST SLEEP	PW	DPC	ПФП ОДНТ PR CDR	CPBK ФГC SMPL	CPBK BY MNT	TVIS		МБИ 16	КПТ 2-1	ИП-1 MNT	IMS	MIDDAY-MEAL	COX	CB-B3 MNT		VELO					
	FE-5 Noguchi	SLEEP		POST SLEEP	ARED		CEVIS		PW			MIDDAY-MEAL		DPART PREP											
	FE-6 Creamer	SLEEP		ARED	PW	DPC	HEP MNT	CUPOLA*	TOCA	EHS-PWD WATER-CLCT	EHS-SM WATER-CLCT	PWD ALCALS	MCD/CFM PRCS	RECLAIM	MIDDAY-MEAL	GLA XFR	RSK1 TOPY SW UPD	DPART PREP	CEVIS						
DAY/NIGHT ORBIT		72		73		74		75		76		77		78		79		80							
SSRMS POS																						MBS PDGF3 @ WS8			
ALL VHF																									
NOTES		*RSTRNT INSTL																							

FD06

GMT 05/19/10 (139)



MET

Day 005

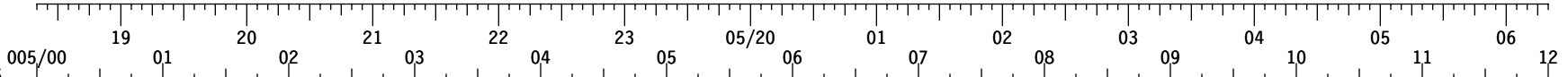
STS-132	CDR Ham	POST EVA W/H2O	ETVA AGUP	PSRL EEEP	PMCOCA	PRE SLEEP	SLEEP	
	PLT Antonelli	MDDK XFER	XTFAR EGRUP	PSRL EEEP	ETVA AGUP	XBFR IEEF	PRE SLEEP	SLEEP
	MS1 Reisman	POST EVA W/H2O			ETVA AGUP		PRE SLEEP	SLEEP
	MS2 Good	POST EVA W/H2O			ETVA AGUP		PRE SLEEP	SLEEP
	MS3 Bowen	POST EVA W/H2O			ETVA AGUP		PRE SLEEP	SLEEP
	MS4 Sellers	EXERCISE	MLDCR KON	PRE SLEEP		ETVA AGUP	PRE SLEEP	SLEEP
DAY/NIGHT		[Day/Night Cycle Bar]						
ORBIT		[Orbit Cycle Bar]						
TDRS W E Z		[TDRS Cycle Bar]						
ISS TDRS AVAIL		[ISS TDRS Availability Bar]						
ORB ATT		[Orbit Attitude Bar]						
SSRMS POS		[SSRMS Position Bar]						
NOTES		#STATUS CHECK						

BIAS -XLV -ZVV
MBS PDGF3 @ WS8

FD06

GMT 05/19/10 (139)

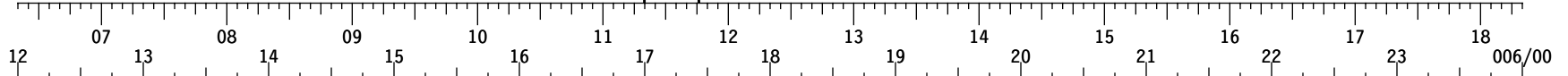
MET Day 005



ISS	ISS CDR Kotov	T V I S	DPC	PW	PRE SLEEP-ISS	SLEEP	
	FE-1 Skvortsov		DPC	PW	PRE SLEEP-ISS	SLEEP	
	FE-2 Caldwell	T2	DPC	PW	B S A - I I M A G E	PRE SLEEP-ISS	SLEEP
	FE-3 Kornienko	V E L O	DPC	PW	PRE SLEEP-ISS	SLEEP	
	FE-5 Noguchi	⊕	DPC	PW	M P C	PRE SLEEP-ISS	SLEEP
	FE-6 Creamer	C U E P V O I L S A *	DPC	PW	PRE SLEEP-ISS	SLEEP	
DAY/NIGHT		80 81 82 83 84 85 86 87 88					
ORBIT		80 81 82 83 84 85 86 87 88					
SSRMS POS		MBS PDGF3 @ WS8					
ALL VHF		-					
NOTES		*RUSSIAN-OPS ⊕DPART PREP *RSTRNT RMV					

NO EXERCISE
[DIRECT DEADBAND COLLAPSE]

FD07
GMT 05/20/10 (140)
MET Day 005

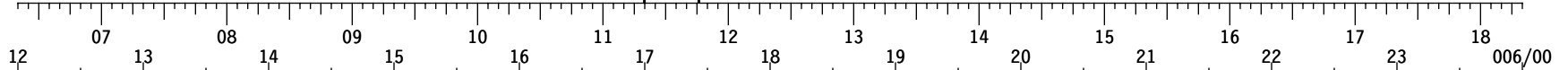


STS-132	CDR Ham	POST SLEEP	C#3 CWC INIT	POST SLEEP	CWC TERM	MNRV RSTDP	CWC XFER	EXERCISE	MNRV RSTDP	DDC	H/O ISSS	MDDK XFER	PAO	MEAL	PFC OCA	OFF DUTY	PROCRVW			
	PLT Antonelli	POST SLEEP		EXERCISE	UFPEDR	MCTIMJU		EXERCISE	MDDK XFER	C#4 CWC INIT		EVA 3 TOOL CFG	N2LITERM	CWC TERM	PAO	MEAL		OFF DUTY	PFC OCA	OFF DUTY
	MS1 Reisman	POST SLEEP		EXERCISE	POST SLEEP	EMU SWAP EVA3	LBIAN OTS HTL		EVA 3 TOOL CFG	E_LK PREP			MEAL		OFF DUTY	PFC OCA		OFF DUTY		
	MS2 Good	POST SLEEP		EXERCISE	POST SLEEP	EMU SWAP EVA3	LBIAN OTS HTL		EVA 3 TOOL CFG	E_LK PREP			MEAL		OFF DUTY	PFC OCA		OFF DUTY		
	MS3 Bowen	POST SLEEP		BSA	EMU BSA INIT			MDDK XFER	EVA 3 TOOL CFG	EXERCISE			MEAL		OFF DUTY	PFC OCA		OFF DUTY		
	MS4 Sellers	POST SLEEP		MDDK #	DUMP EQUIP GTHR	SIN PIP TLY	STUE PR PLY	PWR DUMP	MDDK XFER	EXERCISE			PAO	MEAL	OFF DUTY	PFC OCA		OFF DUTY		
DAY/NIGHT		88	89	90	91	92	93	94	95	96										
TDRS	W E Z	[TDRS activity bars]																		
ISS	TDRS AVAIL	[ISS activity bars]																		
	ORB ATT	BIAS -XLV -ZVV																		
	SSRMS POS	DUMP																		
		MBS PDGF3 @ WS8																		
NOTES		^FILTER CK *FILTER CK #STATUS CHECK																		

NO EXERCISE
[DIRECT DEADBAND COLLAPSE]

FD07

GMT 05/20/10 (140)

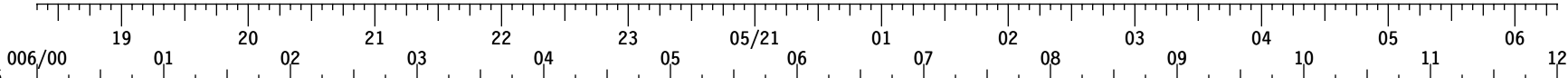


MET Day 005

ISS	TDRS	AVAIL	12	13	14	15	16	17	18	19	20	21	22	23	006/00						
ISS	ISS CDR Kotov	POST SLEEP	DPC	PFC	M1-FGB-LK CK	FGB M1 OP	M1 AIR CLR INIT	T CK LEAK CHK	T-CK3-СУШКА	MIDDAY-MEAL	PMCL ЮР ИГ И	MC 1-R -A- -I -R R M	M1 CCA CтM DIS	M1 CLOSEOUT	TVIS	PW ED					
	FE-1 Skvortsov	POST SLEEP	DPC	M1 SMPL PREP	M1-FGB-LK CK	FGB M1 OP	M1 S A M I P S M P L E	ИПД SMPL	PFC	PMCL	TVIS	MIDDAY-MEAL	И С П И Р И Д И У М	MC 1-R -A- -I -R R M	M1 CCA CтM DIS	M1 CLOSEOUT	M1- D E A C T	С P C H B O T T O C T M	С P C H B O T T O C T M	С P C H B O T T O C T M	VELO
	FE-2 Caldwell	POST SLEEP	DPC	W N D W C L S	CEVIS	ARED	P L C K	S / U	P R E P	PAO	MIDDAY-MEAL	D E A C T	OFF D U T Y	PMCL	OFF D U T Y	PFC	OFF D U T Y	P R O C R V M			
	FE-3 Kornienko	POST SLEEP	DPC	И П - 1 M N T	PFC	TVIS	MIDDAY-MEAL	COX	PMCL	VELO	IMS										
	FE-5 Noguchi	POST SLEEP	DPC	FISH SMPL RTRV	M E L F I N S	FISH SMPL FIX1	FISH SMPL FIX2	M E L F I N S	FISH C L S	T CK LEAK CHK	CEVIS	MIDDAY-MEAL	PMCL	OFF D U T Y	PFC	ARED	P R O C R V M				
	FE-6 Creamer	POST SLEEP	DPC	ARED	D S S	GSC OPS	U N S T W	T CK LEAK CHK	CWQMK CLCT	CWQMK ANLS	S T O W	CWQMK D L	MIDDAY-MEAL	EVA CAM	PMCL	OFF D U T Y	T2	OFF D U T Y	PFC	P R O C R V M	
DAY/NIGHT																					
ORBIT																					
SSRMS POS																					
ALL VHF																					
NOTES																					

FD07

GMT 05/20/10 (140)



STS-132	CDR Ham	PROC RVW	CWC XFER	PRE SLEEP	PMC A/G	PRE SLEEP	SLEEP
	PLT Antonelli	PROC RVW	XFA RUP	PRE SLEEP	XFR IEF	PRE SLEEP	SLEEP
	MS1 Reisman	PROC RVW		PRE SLEEP	MASK PB/TOOL CONFIG	PRE SLEEP	SLEEP
	MS2 Good	PROC RVW		PRE SLEEP	MASK PB/TOOL CONFIG	PRE SLEEP	SLEEP
	MS3 Bowen	PROC RVW		PRE SLEEP			SLEEP
	MS4 Sellers	PROC RVW	MGS DLE CRT #	PRE SLEEP			SLEEP

ISS A/L CAMPOUT @ 10.2 psi

10.2 DPRS

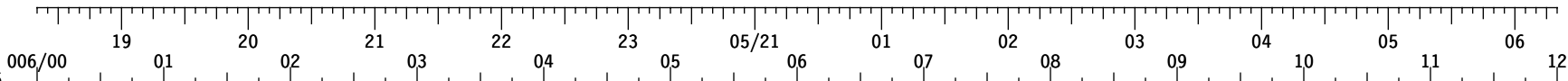
DAY/NIGHT												
ORBIT	96	97	98	99	100	101	102	103	104			
TDRS	W											
	E											
	Z											
ISS	TDRS	AVAIL										
	ORB ATT											
	SSRMS	POS										
NOTES	#STATUS CHECK											

BIAS -XLV -ZVV
MBS PDGF3 @ WS8

FD07

GMT 05/20/10 (140)

MET Day 006



ISS	TDRS	AVAIL	006/00			19	01	20	02	03	04	05	05/21	06	01	07	02	08	03	09	04	10	05	11	06	12
ISS	ISS CDR Kotov	ARED	DPC	PW	PRE SLEEP-ISS																					
	FE-1 Skvortsov	VELO	ЭЛ КТ БЖ	DPC	PW	PRE SLEEP-ISS																				
	FE-2 Caldwell	PROC RVW		DPC	PW	PRE SLEEP-ISS																				
	FE-3 Korniienko		PW	DPC	PW	PRE SLEEP-ISS																				
	FE-5 Noguchi	PROC RVW		DPC	PW	PRE SLEEP-ISS																				
	FE-6 Creamer	PROC RVW		DPC	MPC	PRE SLEEP-ISS																				
DAY/NIGHT			[Bar chart showing day/night cycle]																							
ORBIT			[Bar chart showing orbit parameters]																							
SSRMS POS			[Bar chart showing SSRMS positions]																							
ALL VHF			[Bar chart showing VHF usage]																							
NOTES																										

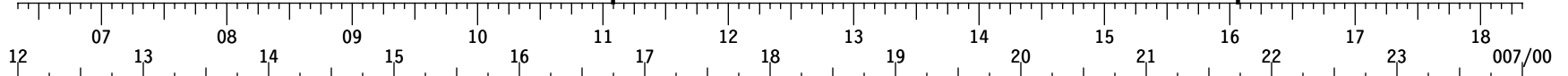
MBS PDGF3 @ WS8

NO UNISOLATED EXERCISE
[SSRMS AT EVA WS & P6 BATT]

FD08

GMT 05/21/10 (141)

MET Day 006



STS - 132	CDR Ham	PSOL SETEP	PMC A/G	POST SLEEP	HYG BRK/ HATCH CLS	EVA PREP	EMURGE	EMU PREBREATHE	C_LK DPRS	PWR FILL #1	PWR FILL #2	PWR FILL #3	PWR XFER (3)	MEAL	CWC TERM	CWC INIT	FLTR CLEAN -INSPECT	CWC TERM	CWC XFER (2)	POST EVA W/H2O	
	PLT Antonelli	POST SLEEP				EXERCISE	XU FED RATE	P/TV 07 S/U	EVA 3 IVA SUPPORT											MDDK XFER	
	MS1 Reisman	POST SLEEP	HYG BRK/ PREBREATHE	EVA PREP	EMURGE	EMU PREBREATHE	C_LK DPRS	SETUP	TEMP STOW BATT	EVA 3 - 6:30					INSTL BATT ON PALLET	P6 CLEAN UP	RETRIEVE PDGF	CLNUP & INGRS	POST EVA W/H2O		
	MS2 Good	POST SLEEP	HYG BRK/ PREBREATHE	EVA PREP	EMURGE	EMU PREBREATHE	C_LK DPRS	SETUP	TEMP STOW BATT	EVA 3 - 6:30					INSTL BATT ON PALLET	P6 CLEAN UP	RETRIEVE PDGF	CLNUP & INGRS	POST EVA W/H2O		
	MS3 Bowen	POST SLEEP	HYG BRK/ HATCH CLS	EVA PREP	EMURGE	EMU PREBREATHE	C_LK DPRS	P/TV 07 EVA SUPT	MEAL	P/TV 07 EVA SUPT											POST EVA W/H2O
	MS4 Sellers	POST SLEEP	EXERCISE	SSRMS ICC MVR EVA WS	SSRMS EVA 3 SUPT					SSRMS ICC TO POA	SSRMS ICC RLS	MDDK XFR									
DAY/NIGHT ORBIT		104		105		106		107		108		109		110		111		112			
TDRS W E Z		[Timeline bars for TDRS W E Z]																			
ISS TDRS AVAIL		[Timeline bars for ISS TDRS AVAIL]																			
ORB ATT		BIAS -XLV -ZVV																			
SSRMS POS		MBS PDGF3 @ WS8																			
NOTES		#STATUS CHECK																			

NO UNISOLATED EXERCISE
[SSRMS AT EVA WS & P6 BATT]

FD08

GMT 05/21/10 (141)

MET Day 006

ISS		TDRS	AVAIL	07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 007/00																	
ISS	ISS CDR Kotov	POST SLEEP	PW	DPC	СМ И Н С Т Л П 1 Б 3 В	СЭМ-ЛЮЛИН-АКТ	DPART PREP			TVIS	MIDDAY-MEAL	П К Ф Е П Т А В Р	СОГС-АОК ГАНК-INSTL			VELO					
	FE-1 Skvortsov	POST SLEEP	PW	DPC	СМ И Н С Т Л П 1 Б 3 В	И П - 1 М Н Т	СОГС CMS ANLZ1	VELO	RUSSIAN-OPS	R PAO PHOTO/VIDEO	MIDDAY-MEAL	СОЖ	IMS	RUSSIAN OPS		TVIS	PW				
	FE-2 Caldwell	ARED	PW	DPC	POST SLEEP	T2	SSRMS ICC MVR EVA WS	SSRMS EVA 3 SUPT						SSRMS ICC TO POA	SSRMS ICC RLS	FFQ					
	FE-3 Kornienko	POST SLEEP	PW	DPC	VELO	TVIS				R PAO PHOTO/VIDEO	MIDDAY-MEAL	RUSSIAN-OPS								PW	
	FE-5 Noguchi	POST SLEEP	HA M	PW	DPC	С У П О Л А *					FFQ	MIDDAY-MEAL	П К Ф Е П Т А В Р	DPART PREP	CEVIS	ARED					
	FE-6 Creamer	POST SLEEP	TEST	PW	DPC	ARED	CEVIS	HPGT CNFG	MCD/CFM T+2		FFQ	C W C	MIDDAY-MEAL	HPGT CNFG	DPART PREP	G L O V E	MDDK XFER				
DAY/NIGHT		ORBIT		SSRMS POS		ALL VHF		MBS PDGF3 @ WS8													
NOTES		*RSTRNT INSTL																			

NO UNISOLATED EXERCISE
[MT XLATE]

NO UNISOLATED EXERCISE
[MT XLATE]

FD08

GMT 05/21/10 (141)

MET Day 007

007/00 19 01 20 02 21 03 22 04 23 05 05/22 06 01 07 02 08 03 09 04 10 05 11 06 12

STS-132	CDR Ham	POST EVA W/H2O	MYCORVW	PRE SLEEP	PMCA/G	PRE SLEEP	SLEEP					MYCCT	PSOLSTEP
	PLT Antonelli	MDDK XFER	XTFARLEPSRLEEEUP	XBFRIF		PRE SLEEP	SLEEP					LOG	POST SLEEP
	MS1 Reisman	POST EVA W/H2O	MYCORVW	PRE SLEEP		PRE SLEEP	SLEEP					MYCCT	PSOLSTEP
	MS2 Good	POST EVA W/H2O		PRE SLEEP		PRE SLEEP	SLEEP					LOG	POST SLEEP
	MS3 Bowen	POST EVA W/H2O		PRE SLEEP		PRE SLEEP	SLEEP					LOG	POST SLEEP
	MS4 Sellers	MDDK XFER	MDDK#		PRE SLEEP		PRE SLEEP	SLEEP					LOG
DAY/NIGHT ORBIT		112 113 114 115 116 117 118 119											
TDRS WEZ		[Timeline bars for TDRS WEZ]											
ISS TDRS AVAIL		[Timeline bars for ISS TDRS AVAIL]											
ORB ATT		BIAS -XLV -ZVV											
SSRMS POS		#STATUS CHECK MT XLATE MBS PDGF3 @ WS6 W/O MT XLATE LAB PDGF @ WS4											
NOTES		#STATUS CHECK											

*POST SLEEP

NO UNISOLATED EXERCISE
[MT XLATE]

NO UNISOLATED EXERCISE
[MT XLATE]

FD08

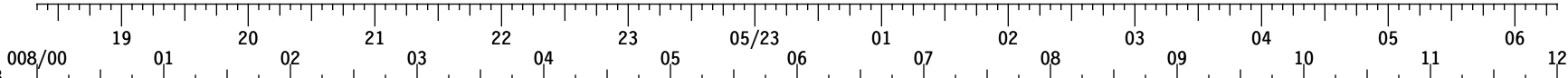
GMT 05/21/10 (141)

MET Day 007 007/00 19 01 02 03 04 05 06 07 08 09 10 11 12

ISS	TDRS	AVAIL	007/00 19 01 02 03 04 05 06 07 08 09 10 11 12																	
ISS	ISS CDR Kotov	PW	DPC	PRE SLEEP-ISS						SLEEP						POST SLEEP				
	FE-1 Skvortsov	PW	DPC	PRE SLEEP-ISS						SLEEP						POST SLEEP				
	FE-2 Caldwell	MYCO PREP	DPC	PRE SLEEP-ISS						SLEEP						MYCLOLECT INS				
	FE-3 Kornienko	PW	DPC	PRE SLEEP-ISS						SLEEP						POST SLEEP				
	FE-5 Noguchi	ARED	DPC	PRE SLEEP-ISS			MPC			SLEEP						POST SLEEP				
	FE-6 Creamer	MDDK XFER	DPC	PRE SLEEP-ISS						SLEEP						POST SLEEP				
DAY/NIGHT ORBIT			112		113		114		115		116		117		118		119			
SSRMS POS			MT XLATE		MBS PDGF3 @ WS6		W/O		MT XLATE		LAB PDGF @ WS4									
ALL VHF																				
NOTES			*REVIEW *RSTRNT RMV																	

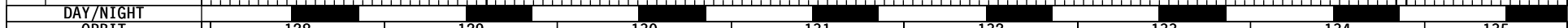
FD09

GMT 05/22/10 (142)



MET Day 008

S T S - 1 3 2	CDR Ham	EXERCISE P S L P P M C A/G	PRE SLEEP	SLEEP	POST SLEEP
	PLT Antonelli	X B F R I E R E F	PRE SLEEP	SLEEP	LOG POST SLEEP
	MS1 Reisman		PRE SLEEP	SLEEP	LOG POST SLEEP
	MS2 Good		PRE SLEEP	SLEEP	POST SLEEP
	MS3 Bowen	EXERCISE	PRE SLEEP	SLEEP	LOG POST SLEEP
	MS4 Sellers		PRE SLEEP	SLEEP	LOG POST SLEEP



ORB ATT BIAS -XLV -ZVV
SSRMS POS LAB PDGF @ WS4

NOTES

FD09

GMT 05/22/10 (142)

MET Day 008 008/00 19 01 20 02 21 03 22 04 23 05 05/23 06 01 07 02 08 03 09 04 10 05 11 06 12

ISS	TDRS	AVAIL	[Timeline with colored bars]											
ISS	ISS CDR Kotov	PRE SLEEP-ISS	SLEEP										POST SLEEP	
	FE-1 Skvortsov	PRE SLEEP-ISS	SLEEP										POST SLEEP	
	FE-2 Caldwell	PRE SLEEP-ISS	SLEEP										POST SLEEP	
	FE-3 Kornienko	PRE SLEEP-ISS	SLEEP										POST SLEEP	
	FE-5 Noguchi	PRE SLEEP-ISS	SLEEP										POST SLEEP	
	FE-6 Creamer	PRE SLEEP-ISS	SLEEP										POST SLEEP	
	DAY/NIGHT	[Day/Night Cycle]												
ORBIT	[Orbit Data]													
SSRMS POS	[SSRMS POS Data]													
ALL VHF	[VHF Data]													
NOTES	[Notes Area]													

FD10

GMT 05/23/10 (143)

MET Day 008

07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 009/00

STS-132	CDR Ham	POST SLEEP	CONDUCT	02 TEARDOWN	N2 XFER TERM	EXERCISE	CREW CONF	CP RHEOTO	MEAL	FWAEREL	HATCH CLOSE	ODS LEAK CHECK	UNDOCK	OPS	FLYAROUND	SEP1	SEP2	PRE SLEEP
	PLT Antone11i	POST SLEEP	CONDUCT	EXERCISE	CP RHEOTO	MEAL	FWAEREL	HATCH CLOSE	ODS LEAK CHECK	UNDOCK	OPS	FLYAROUND	SEP	PRE SLEEP				
	MS1 Reisman	POST SLEEP	EXERCISE	MDDK XFER	RNDZ TOOLS C/O	CREW CONF	CP RHEOTO	MEAL	FWAEREL	C/L CMR INSTL	UNDOCK	OPS	FLYAROUND	SEP	PRE SLEEP			
	MS2 Good	POST SLEEP	EXERCISE	MDDK XFER	RNDZ TOOLS C/O	CREW CONF	CP RHEOTO	MEAL	FWAEREL	P/TV 04 OPS	P/TV03 UNDOCK SETUP	UNDOCK	OPS	FLYAROUND	SEP	EXERCISE		
	MS3 Bowen	POST SLEEP	EXERCISE	MDDK XFER	RNDZ TOOLS C/O	CREW CONF	CP RHEOTO	MEAL	FWAEREL	EXERCISE	UNDOCK	OPS	FLYAROUND	SEP	PRE SLEEP			
	MS4 Sellers	POST SLEEP	EXERCISE	MDDK XFER	RNDZ TOOLS C/O	CREW CONF	CP RHEOTO	MEAL	FWAEREL	HATCH CLOSE	C/L CMR INSTL	EXERCISE	UNDOCK	OPS	FLYAROUND	SEP	POST RNDZ PGSC CNFG	PRE SLEEP

UNDOCKING*

DAY/NIGHT	ORBIT	135	136	137	138	139	140	141	142	143	
TDRS	WEZ	[Timeline bars for TDRS WEZ]									
ISS	TDRS AVAIL	[Timeline bars for ISS TDRS AVAIL]									
ORB ATT	SSRMS POS	BIAS -XLV -ZVV									
		LAB PDGF @ WS4									
		UNDOCK/FLYAROUND/SEP									
		-ZLV -XVV									

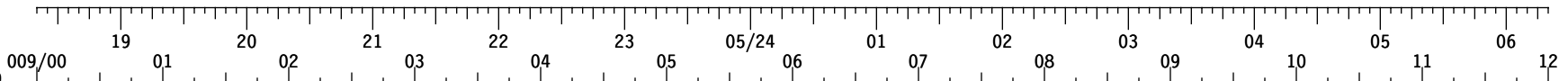
NOTES *FILTER CK %NOMINAL CONFIG #STATUS CHECK #REG RCNFG #STATUS CHECK *RATE RCNFG

***8/20:52**

FD10

GMT 05/23/10 (143)

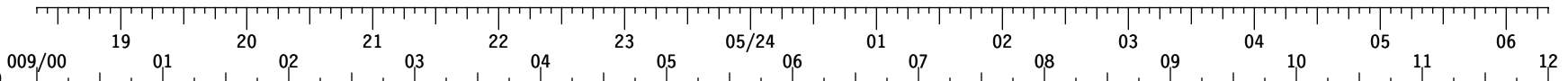
MET Day 009



S T S - 1 3 2	CDR Ham	PRE SLEEP	PMC A/G	PRE SLEEP	SLEEP	POST SLEEP
	PLT Antonelli	PRE SLEEP			SLEEP	LOG POST SLEEP
	MS1 Reisman	PRE SLEEP			SLEEP	LOG POST SLEEP
	MS2 Good	PRE SLEEP			SLEEP	POST SLEEP
	MS3 Bowen	PRE SLEEP			SLEEP	LOG POST SLEEP
	MS4 Sellers	PRE SLEEP			SLEEP	LOG POST SLEEP
DAY/NIGHT		[Day/Night Cycle Bar]				
ORBIT		[Orbit Cycle Bar]				
TDRS W E Z		[TDRS Cycle Bar]				
ISS	TDRS AVAIL	[TDRS Availability Bar]				
ORB ATT		-ZLV -XVV				
SSRMS POS						
NOTES						

FD10

GMT 05/23/10 (143)



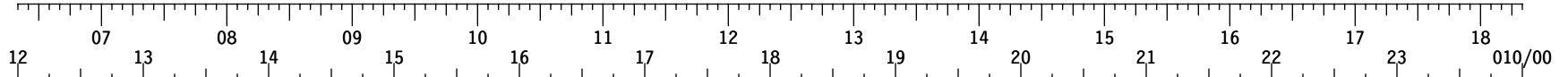
MET Day 009

ISS	TDRS	AVAIL														
ISS	ISS CDR Kotov		PRE SLEEP-ISS	SLEEP												
	FE-1 Skvortsov	G M E T	PRE SLEEP-ISS	SLEEP												
	FE-2 Caldwell	PS ISS	PMA2 PT3	PRE SLEEP-ISS	SLEEP											
	FE-3 Kornienko	TVIS		PRE SLEEP-ISS	SLEEP											
	FE-5 Noguchi	T D H U C C T - I M R M V L O	P B A R E L O	PRE SLEEP-ISS	SLEEP											
	FE-6 Creamer	ARED	M P C	PRE SLEEP-ISS	M P C	SLEEP										
	DAY/NIGHT	[Bar chart showing day/night cycle]														
ORBIT	143	144	145	146	147	148	149	150	151							
SSRMS POS																
ALL VHF	---															
NOTES																

FD11

GMT 05/24/10 (144)

MET Day 009



STS-132	CDR Ham	POST SLEEP	M+NYVVRV SIMO INIT		SIMOTERM	CONDITUM	MNVR-S	EXERCISE		MNVR-N	NOSE CAP SURVEY	MEAL		MNVR-P	PORT WING SURVEY	M-NYVVRV		PLPRIT	MNVR-HUD	M-NZLV	PRE SLEEP	PMCA/G	OMS BURN
	PLT Antonelli	POST SLEEP	EXERCISE	WCSCUMPT		RMS MNVR FLAT FIELD		STBD WING SURVEY			MEAL		PORT WING SURVEY		OBSS BERTH	RPWSRDN					PRE SLEEP		OMS BURN
	MS1 Reisman	POST SLEEP	COMM 1			EXERCISE		STBD WING SURVEY			NOSE CAP SURVEY	MEAL		PORT WING SURVEY								PRE SLEEP	
	MS2 Good	POST SLEEP	EMU INSTL	EVA UNPACK & STOW		PST ISS EVA ENT PREP					MEAL		EXERCISE									PRE SLEEP	
	MS3 Bowen	POST SLEEP	EMU INSTL	EVA UNPACK & STOW		PST ISS EVA ENT PREP					MEAL		EXERCISE									PRE SLEEP	LDORWINK
	MS4 Sellers	POST SLEEP	EMU INSTL	EXERCISE		RMS MNVR FLAT FIELD		STBD WING SURVEY			NOSE CAP SURVEY	MEAL		OBSS BERTH		RPWSRDN						PRE SLEEP	

DAY/NIGHT	[Shaded bars indicating day/night cycle]																		
ORBIT	151	152	153	154	155	156	157	158	159										
TDRS	[Timeline bars for TDRS events]																		
ORB ATT	-ZLV -XVV DUMP STBD SURVEY NOSE SURVEY PORT SURVEY -ZLV -YVV H -ZLV -XVV																		
NOTES	#STATUS CHECK *FILTER CK %RATE DCNFG ^OFF #STATUS CHECK																		

FD11

GMT 05/24/10 (144)

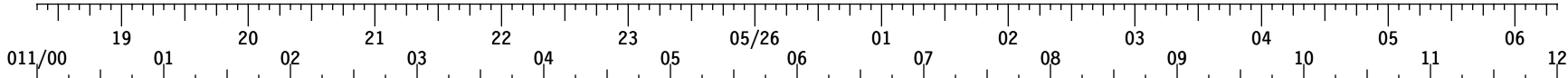
MET Day 010 010/00 19 01 02 03 04 05 05/25 06 01 07 02 08 03 09 04 10 05 11 06 12

STS-132	CDR Ham	OMS BUR N M-NZ VLRV	PRE SLEEP	SLEEP	POST SLEEP						
	PLT Antonelli	OMS BUR N	PRE SLEEP	SLEEP	LOG POST SLEEP						
	MS1 Reisman		PRE SLEEP	SLEEP	LOG POST SLEEP						
	MS2 Good		PRE SLEEP	SLEEP	POST SLEEP						
	MS3 Bowen	LD DR W I N L I N K	PRE SLEEP	SLEEP	LOG POST SLEEP						
	MS4 Sellers	PS RL EE P OCA*	PRE SLEEP	SLEEP	LOG POST SLEEP						
DAY/NIGHT			[Shaded bars indicating day/night cycle]								
ORBIT			159	160	161	162	163	164	165	166	167
TDRS		W E Z	[Timeline of TDRS contacts]								
ORB ATT		-0	-ZLV -XVV								
NOTES		*RATE RCNFG									

FD12

GMT 05/25/10 (145)

MET Day 011

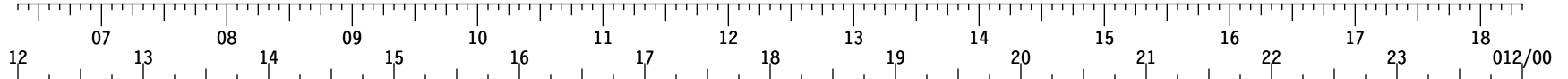


S T S - 1 3 2	CDR Ham	PMC A/G	PRE SLEEP	SLEEP	POST SLEEP	PMC A/G	POST SLEEP				
	PLT Antonelli		PRE SLEEP	SLEEP	LOG		POST SLEEP				
	MS1 Reisman		PRE SLEEP	SLEEP	LOG		POST SLEEP				
	MS2 Good		PRE SLEEP	SLEEP			POST SLEEP				
	MS3 Bowen		PRE SLEEP	SLEEP	LOG		POST SLEEP				
	MS4 Sellers		PRE SLEEP	SLEEP	LOG		POST SLEEP				
DAY/NIGHT			[Shaded Night Periods]								
ORBIT			175	176	177	178	179	180	181	182	
TDRS		W E Z	[TDRS Activity Bars]								
GND		DFR WSS	-DFR	-DFR -MLA -WSS	-DFR -MLA -WSS	-DFR -WSS	-DFR				
ORB ATT						-ZLV -XVV					
NOTES			*PRE SLEEP								

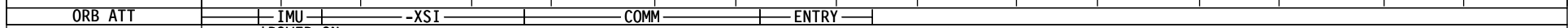
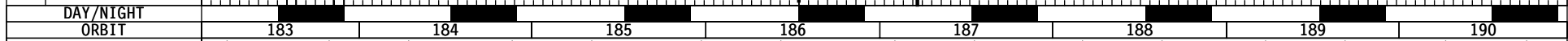
FD13

GMT 05/26/10 (146)

MET Day 011



STS-132	CDR Ham	PSOL RSEP TP	GP RPR UP	IMU ALIGN & VERIF	TRK -XSI	DEORBIT PREP		
	PLT Antonelli	PSOL RSEP TP	GP RPR UP	PMW AA RDT USC *H	POST SLEEP	DEORBIT PREP	D E O R B I T #	L A N D I N G *
	MS1 Reisman	POST SLEEP		WACT TCH	WOSA TICOR CWA^	DEORBIT PREP		
	MS2 Good	POST SLEEP			TP EW PR CD N	DEORBIT PREP		
	MS3 Bowen	POST SLEEP		WACT TCH	WOSA TICOR CWA	DEORBIT PREP		
	MS4 Sellers	POST SLEEP		WACT TCH	WOSA TICOR CWA	DEORBIT PREP		



NOTES

*POWER ON

^SAMPLE

#STATUS CHECK

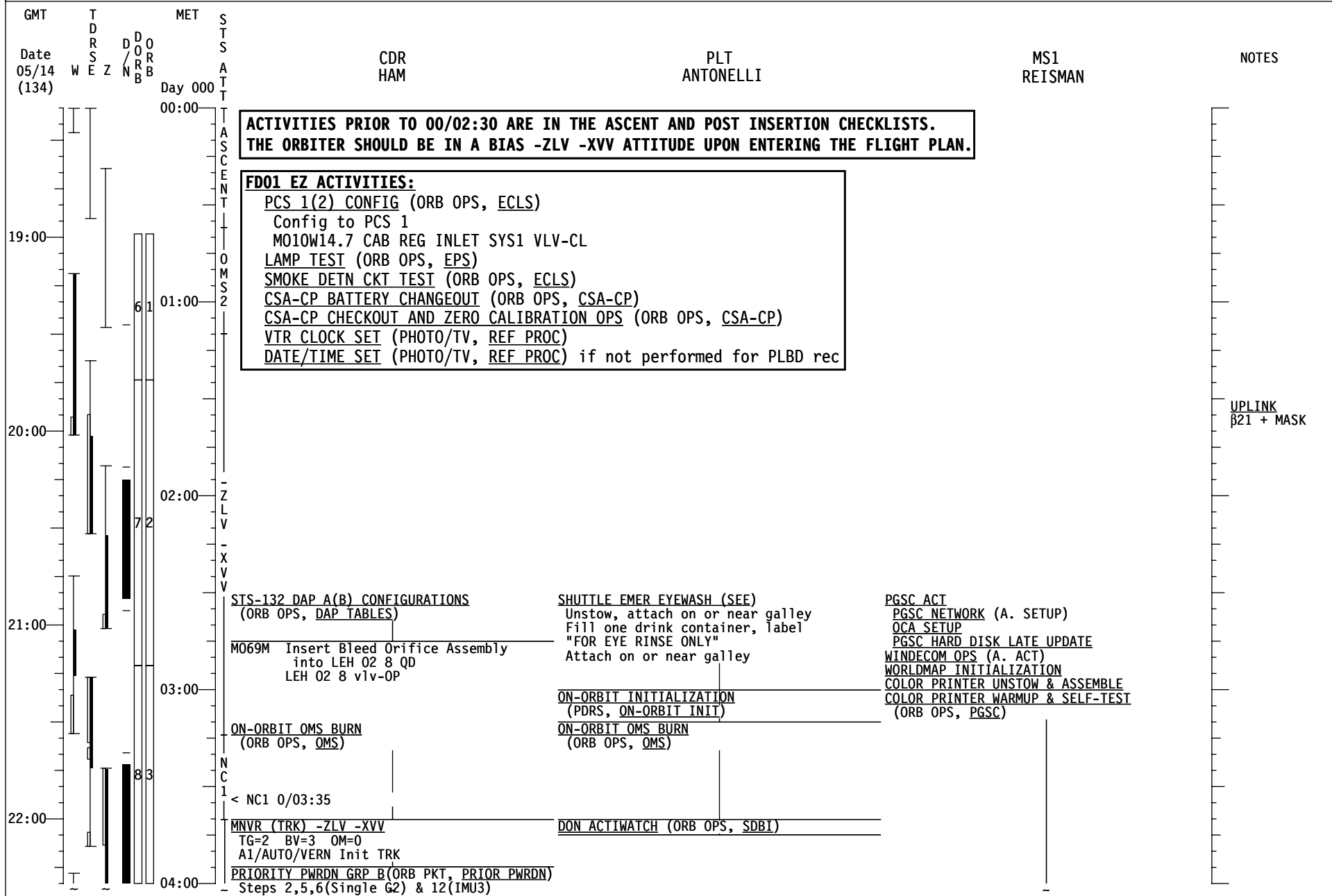
#D/O TIG 11/17:14

*KSC LANDING 11/18:16

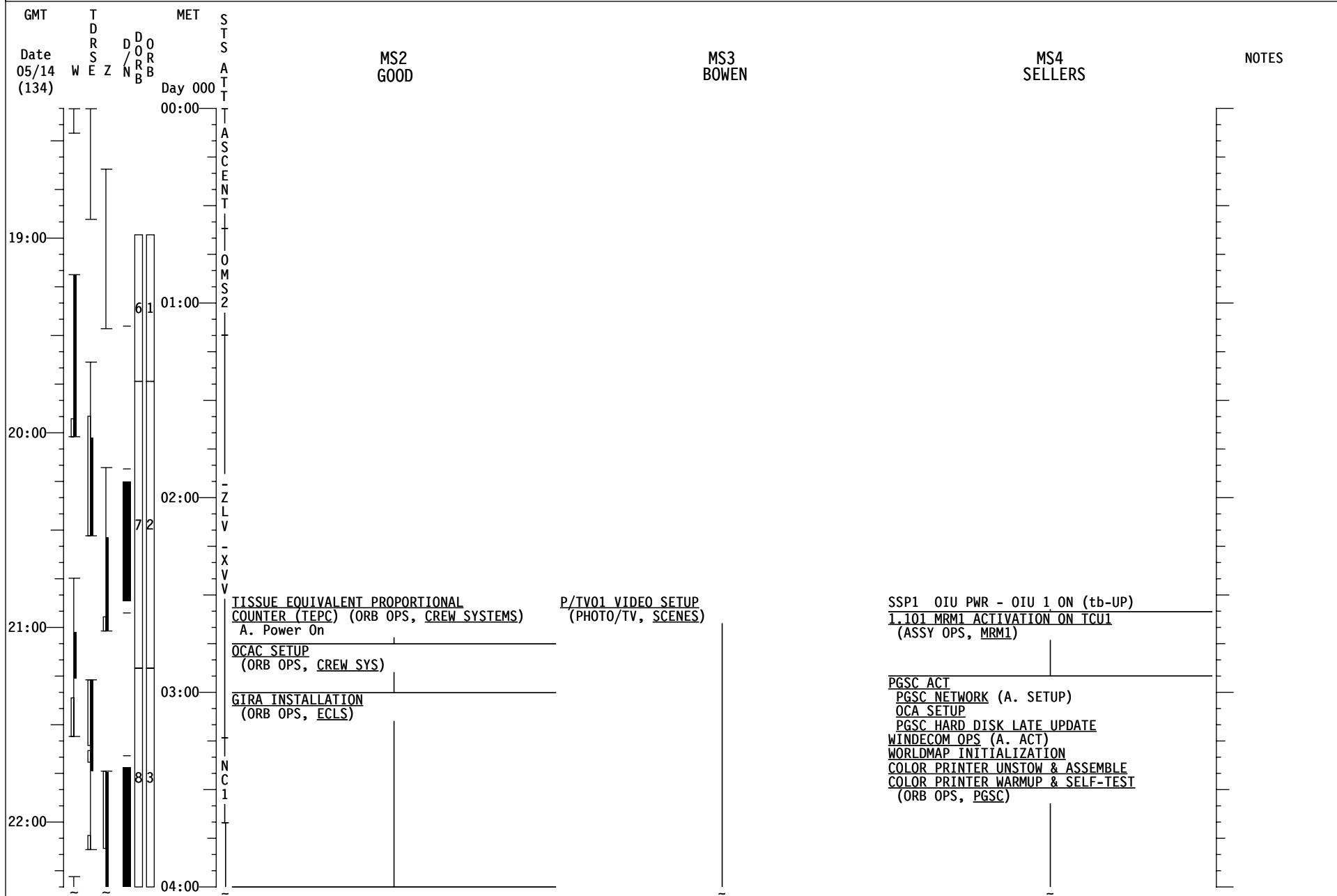
DETAILED TIMELINE

DETAILED
TIMELINE

STS-132 FD (01)



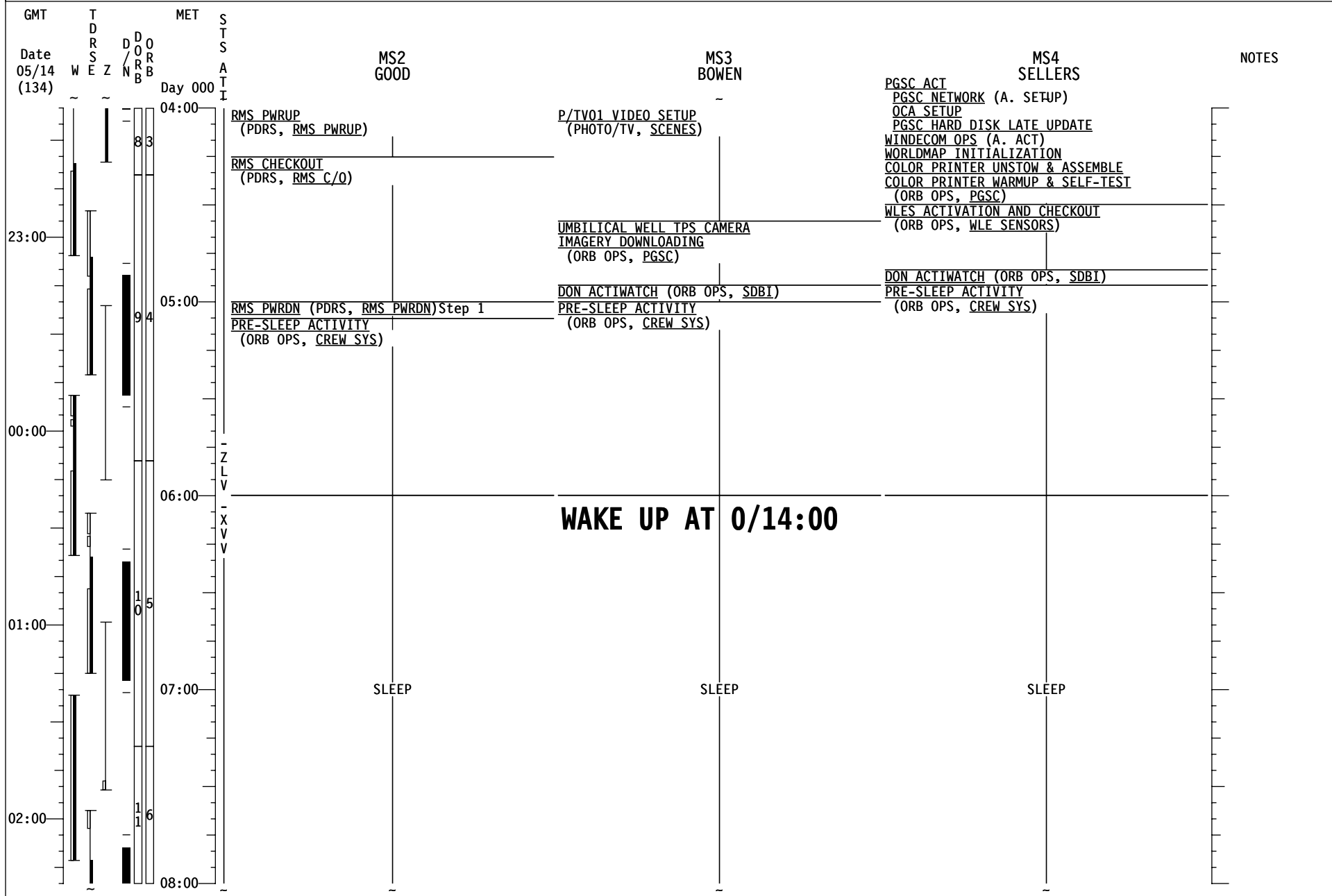
STS-132 FD (01)



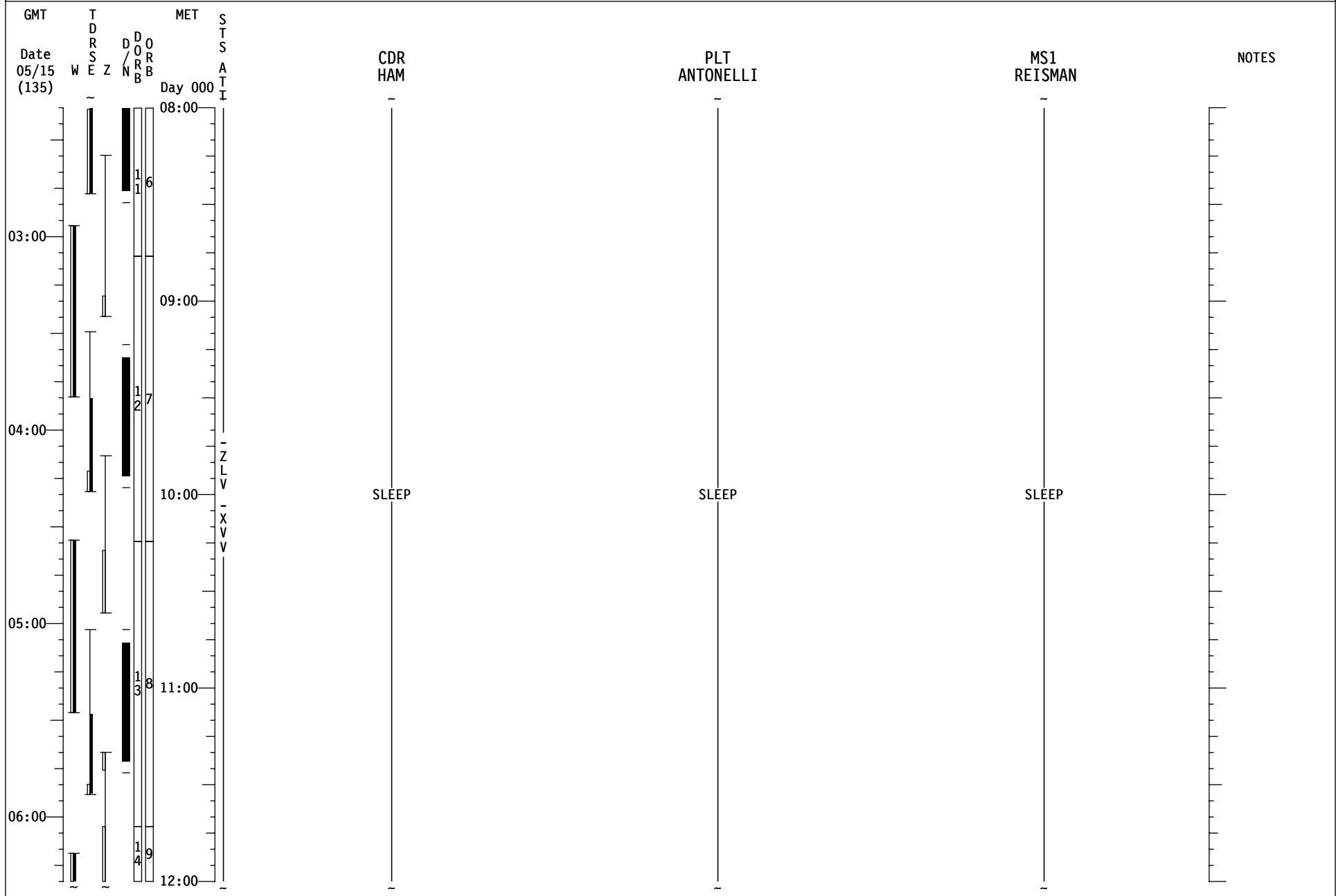
STS-132 FD (01)

GMT	T D R S E Z	D O R B	MET	S T S	CDR	PLT	MS1	NOTES
Date 05/14 (134)	W	N	Day 000	A T I	HAM	ANTONELLI	REISMAN	
04:00		83			PRIORITY PWRDN GRP B(ORB PKT, PRIOR PWRDN) Steps 2,5,6(Single G2) & 12(IMU3)	RMS PWRUP (PDRS, RMS PWRUP)	PGSC ACT PGSC NETWORK (A. SETUP)	
					IMU STAR OF OPPTY ALIGN (ORB OPS, GNC)		OCA SETUP PGSC HARD DISK LATE UPDATE	
					AFT CONTROLLER C/O (ORB OPS, GNC)	RMS CHECKOUT (PDRS, RMS C/O)	WINDECOM OPS (A. ACT) WORLDMAP INITIALIZATION	
					ELEVON PARK, GNC 201 (ORB OPS, GNC)		COLOR PRINTER UNSTOW & ASSEMBLE COLOR PRINTER WARMUP & SELF-TEST (ORB OPS, PGSC)	
23:00					APU FDI RECONFIGS [A]		IMAGE FILE XFER (PHOTO/TV, D2Xs) Perform DCS FILE TO HARD DRIVE for ET HH	
					GLACIER STATUS CHECK (Cue Card)		HD DIGITAL VIA CC	
					CGBA STATUS CHECK (Cue Card)		(CUE CARD, DIGITAL PLAYBACK)	
					PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)		ET Handheld Video KU TDRE: 04:32-04:52, 04:57-05:22	
05:00		94			06 √UHF MODE - OFF PRIVATE MEDICAL CONFERENCE	RMS PWRDN (PDRS, RMS PWRDN)Step 1	DON ACTIWATCH (ORB OPS, SDBI)	
					PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
00:00								
					A R2 BLR PWR(three)-OFF A12 APU HTR GG/FU PMP(three)-A AUTO			
06:00					WAKE UP AT 0/14:00			
01:00		105						
07:00					SLEEP	SLEEP	SLEEP	
02:00		116						
08:00								

STS-132 FD (01)



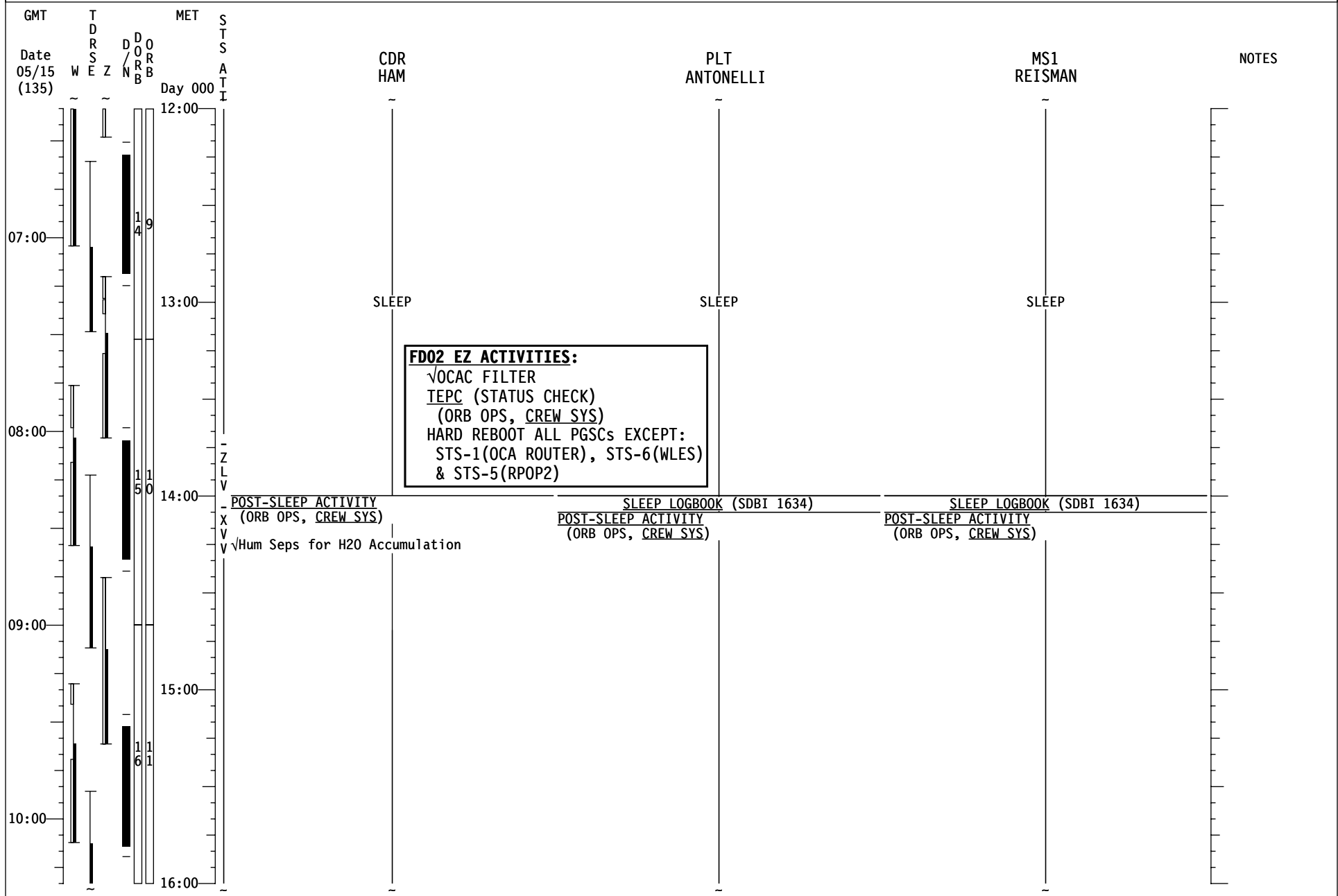
STS-132 FD (01)



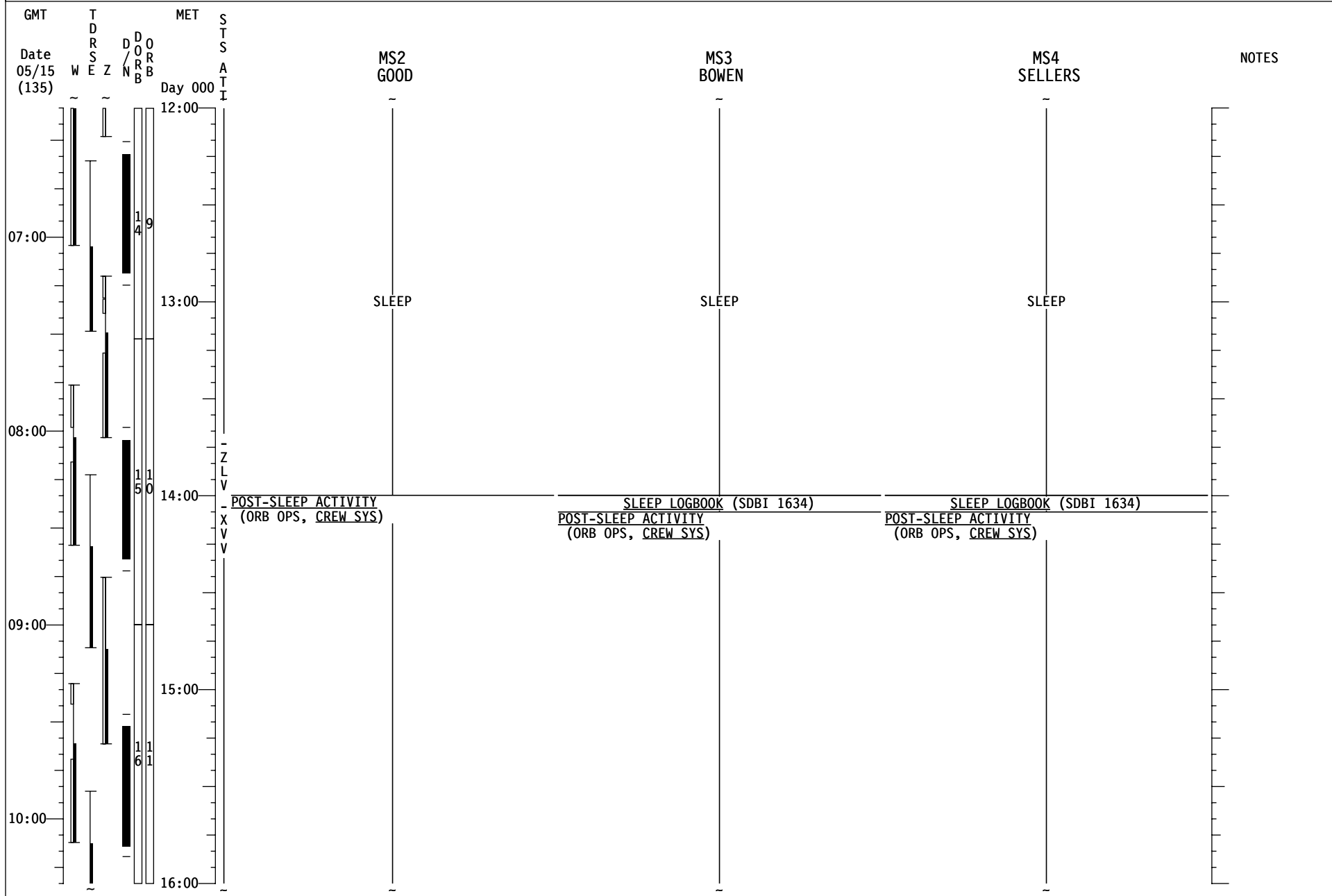
STS-132 FD (01)

GMT	T D R S E Z	D O R B	MET	S T S	A T I	NOTES
Date 05/15 (135)	W	N	Day 000			
08:00	~	16				
03:00						
04:00		17				
10:00						
05:00		18				
06:00		19				
12:00						
			MS2 GOOD	MS3 BOWEN	MS4 SELLERS	
			SLEEP	SLEEP	SLEEP	

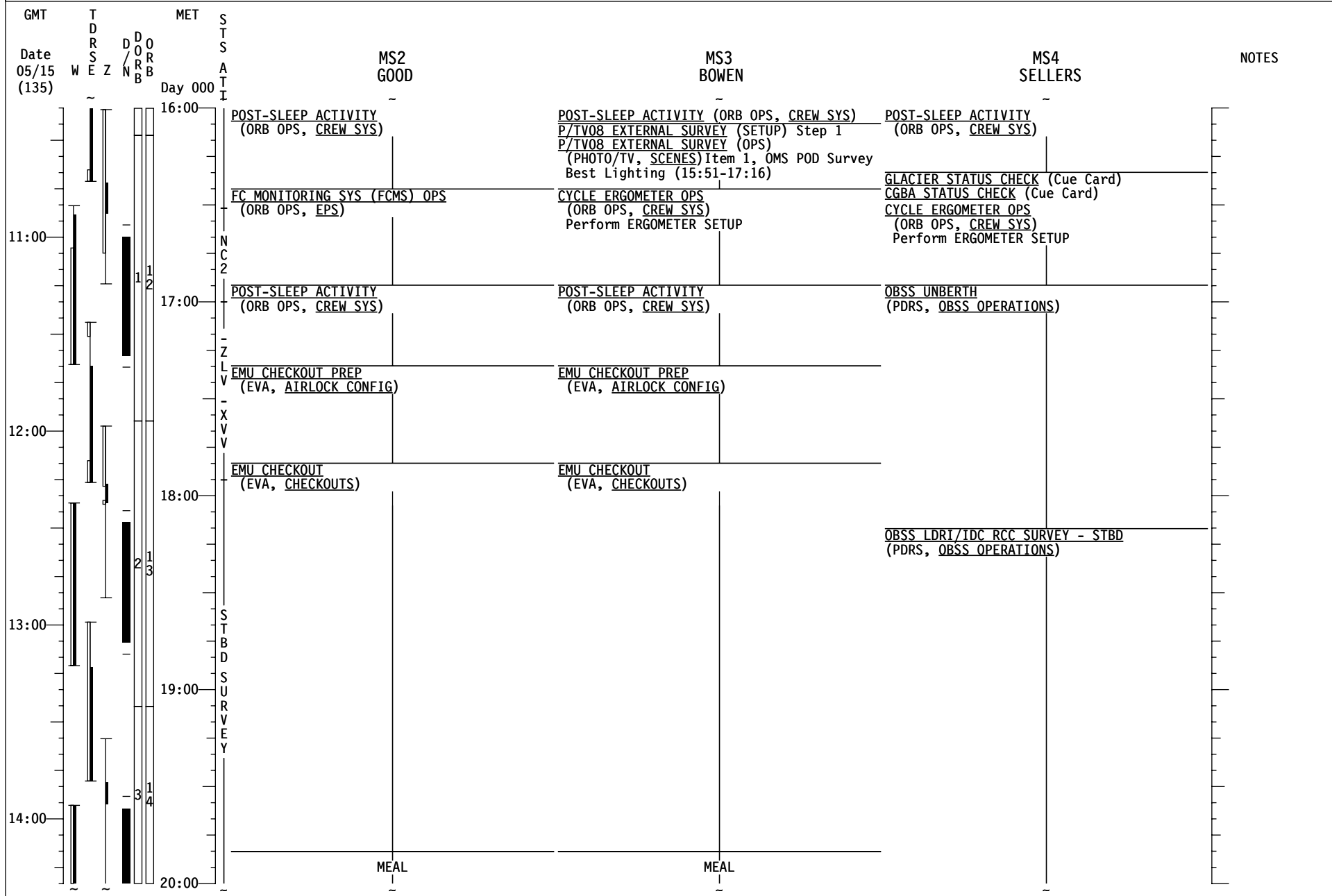
STS-132 FD (02)



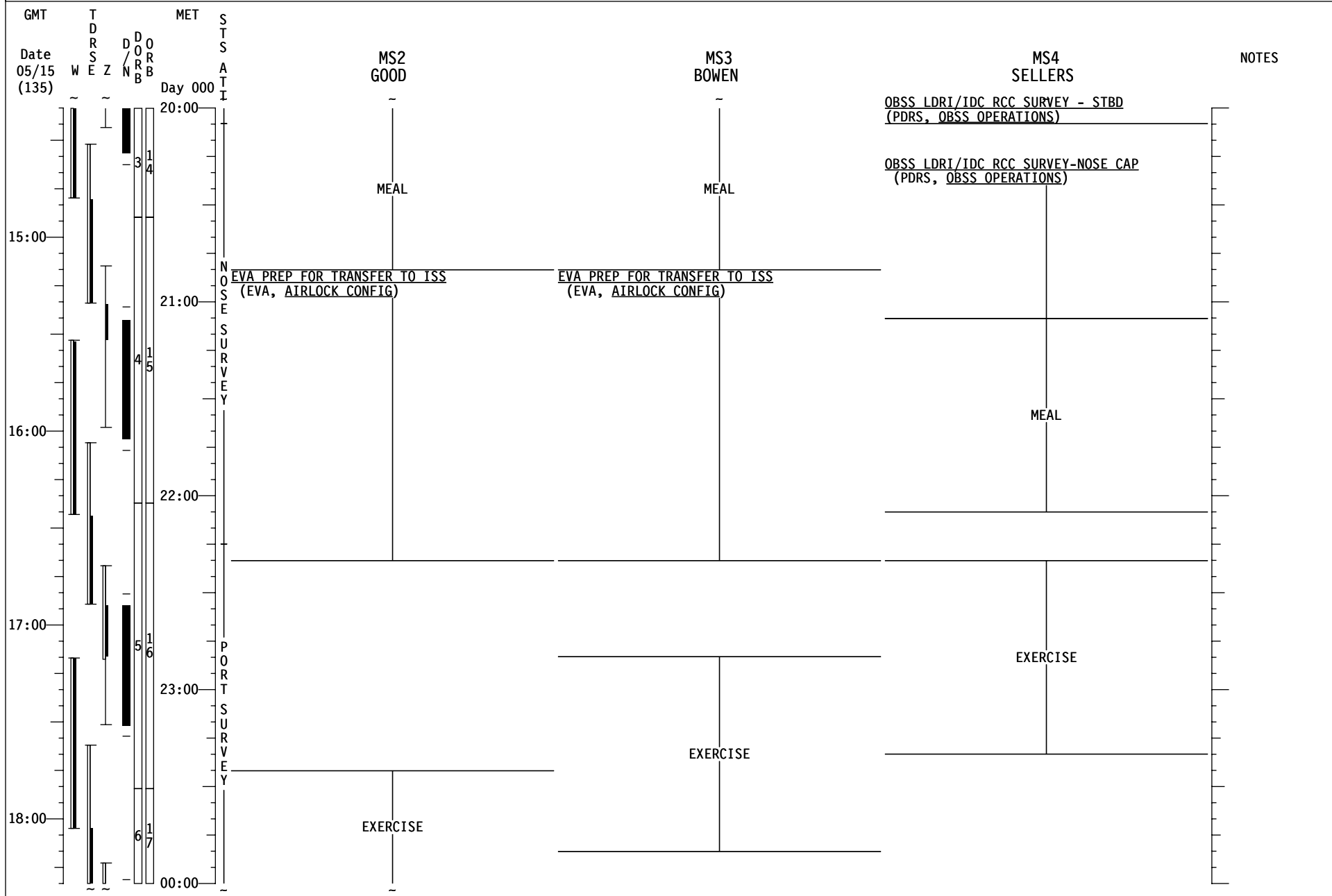
STS-132 FD (02)



STS-132 FD (02)



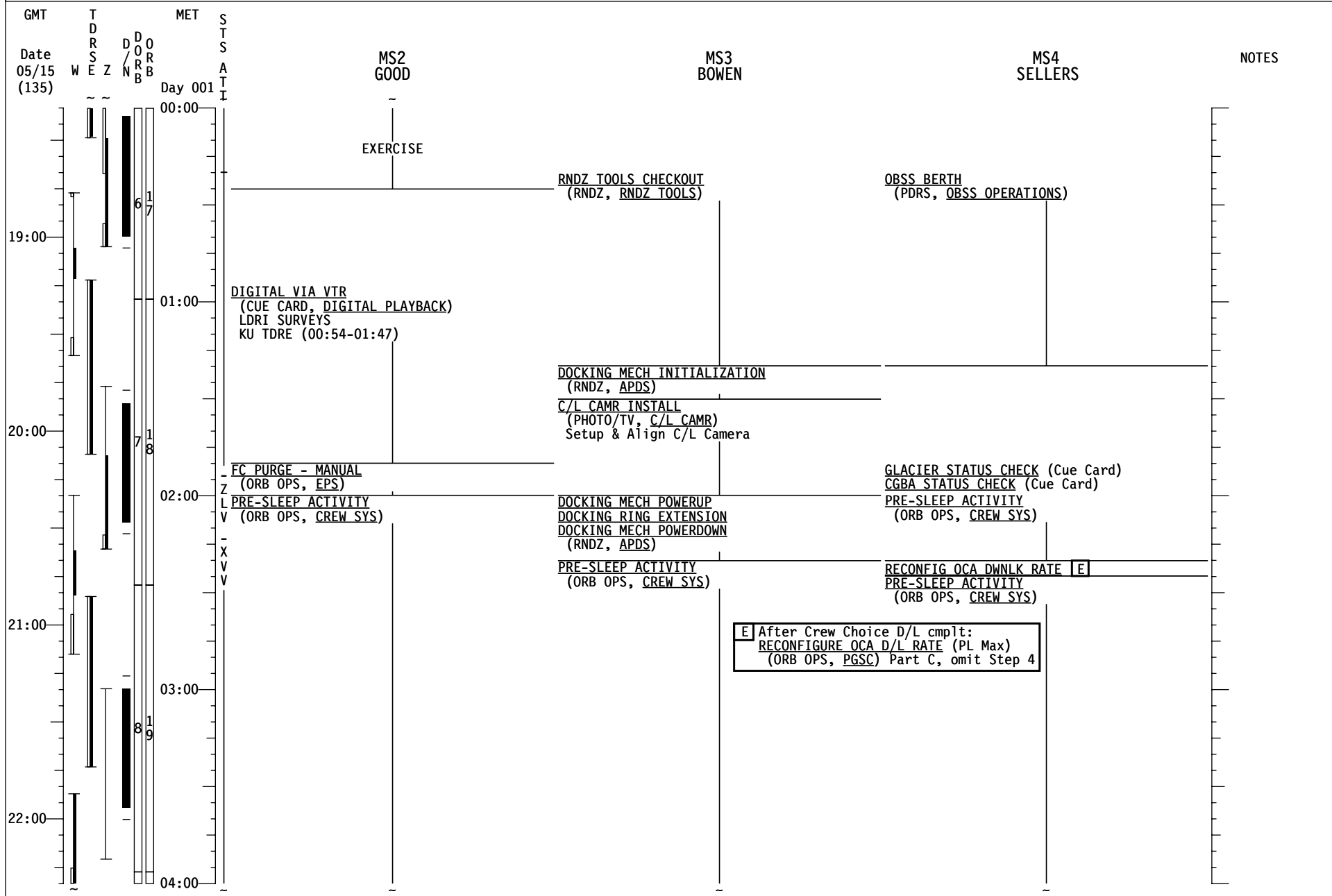
STS-132 FD (02)



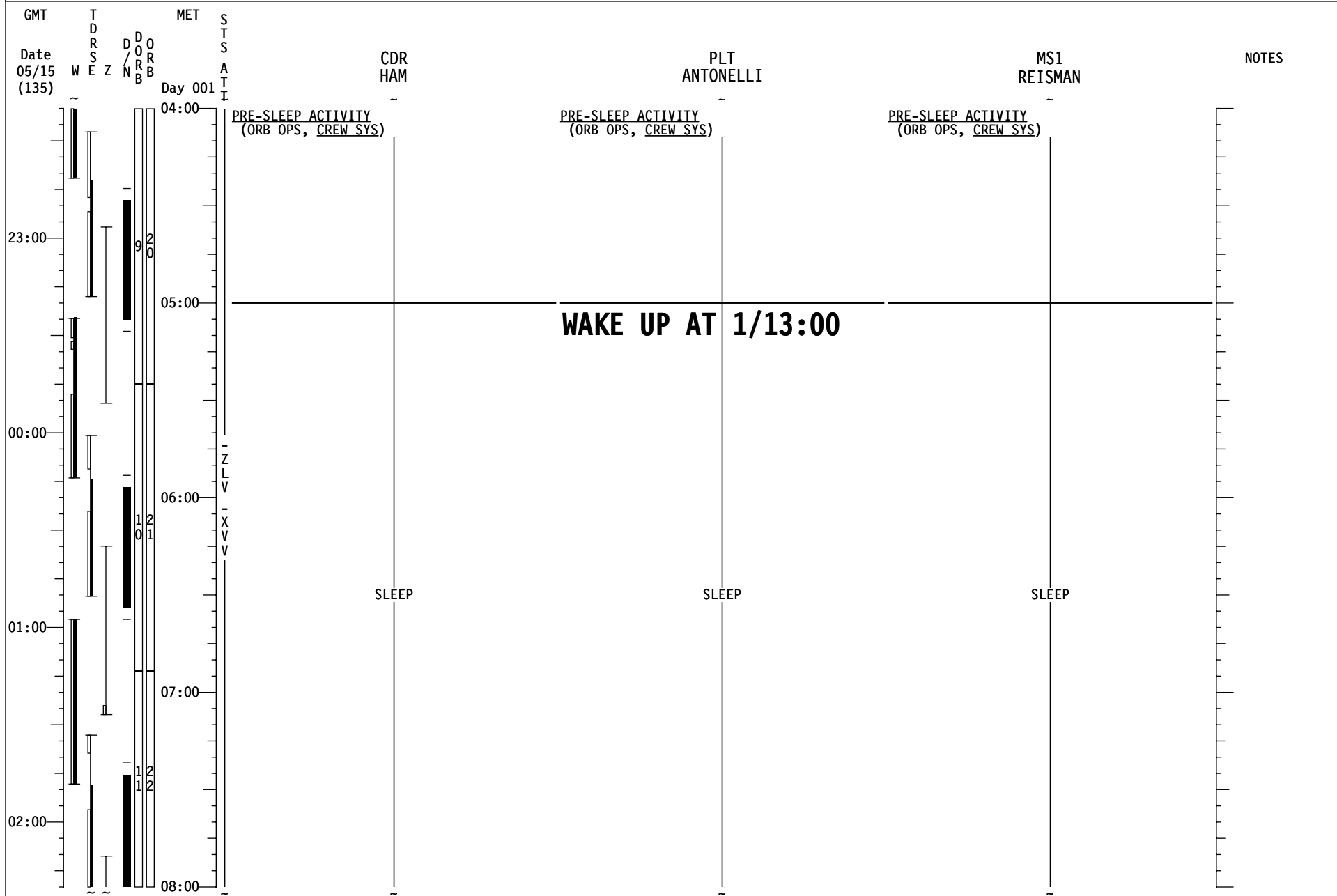
STS-132 FD (02)

GMT	TDRS W E Z	MET Day 001	S T S A T I	CDR HAM	PLT ANTONELLI	MS1 REISMAN	NOTES
Date 05/15 (135)	D O R B N B	00:00		OBSS LDRI/IDC RCC SURVEY-PORT (PDRS, OBSS OPERATIONS)	OBSS LDRI/IDC RCC SURVEY-PORT (PDRS, OBSS OPERATIONS)	OBSS LDRI/IDC RCC SURVEY-PORT (PDRS, OBSS OPERATIONS)	
				MNVR (TRK) -ZLV -XVV TG=2 BV=3 OM=0 A/AUTO/VERN Init TRK	OBSS BERTH (PDRS, OBSS OPERATIONS)	RNDZ TOOLS CHECKOUT (RNDZ, RNDZ TOOLS)	UPLINK TFL 199 UPLINK TFL 188
19:00				R2 BLR CNTLR/HTR (three) - B			
		01:00		EXERCISE			
					CRYO 02 TK HTR SNSR CK (ORB OPS, EPS)	DOCKING MECH INITIALIZATION (RNDZ, APDS)	UPLINK TFL 199
20:00				PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	C/L CAMR INSTALL (PHOTO/TV, C/L CAMR) Setup & Align C/L Camera	
		02:00	Z L V			DOCKING MECH POWERUP DOCKING RING EXTENSION DOCKING MECH POWERDOWN (RNDZ, APDS)	
			X V V			PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
21:00				ON-ORBIT MULTI-AXIS RCS BURN (ORB OPS, RCS)	ON-ORBIT MULTI-AXIS RCS BURN (ORB OPS, RCS)		
		03:00		< NC3 TIG (03:11)			
				FUTURE LOADED MNVR D	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)		
				06 VHF MODE - OFF PRIVATE MEDICAL CONFERENCE			
22:00				PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	D TG=2 BV=3 OM=270 A1/AUTO/VERN (01/13:00) Init TRK		
		04:00					

STS-132 FD (02)



STS-132 FD (02)



PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

PRE-SLEEP ACTIVITY
(ORB OPS, CREW SYS)

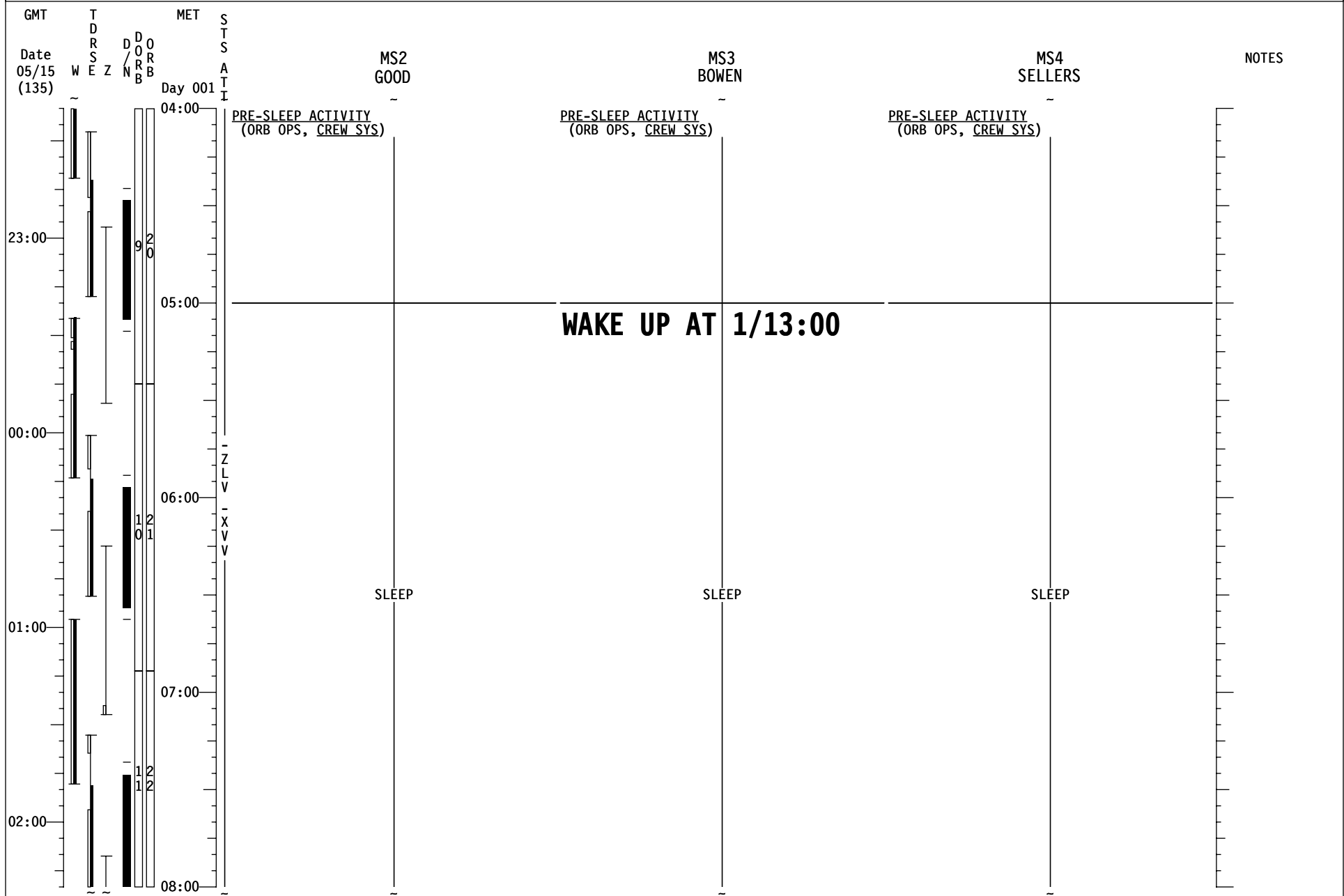
WAKE UP AT 1/13:00

SLEEP

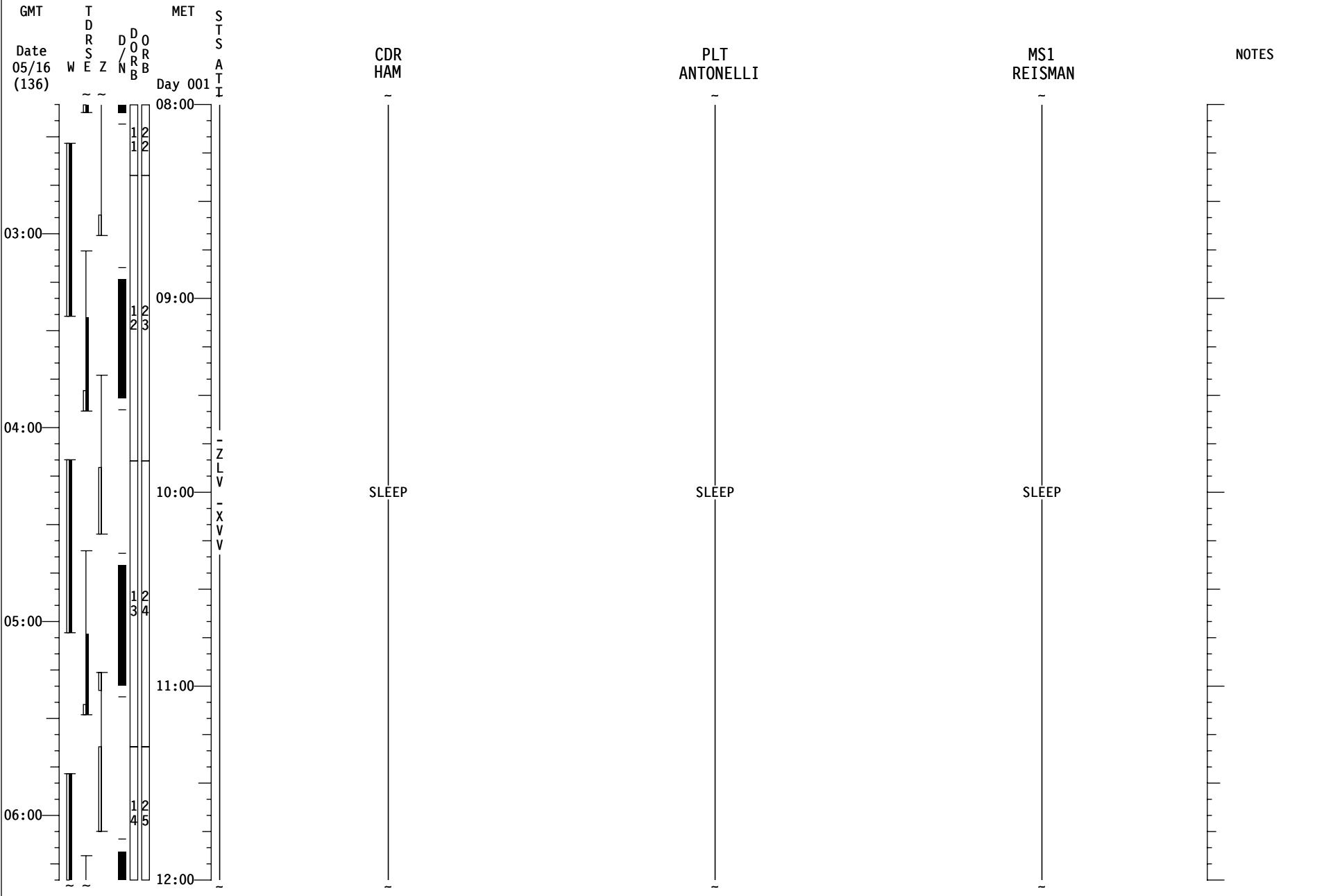
SLEEP

SLEEP

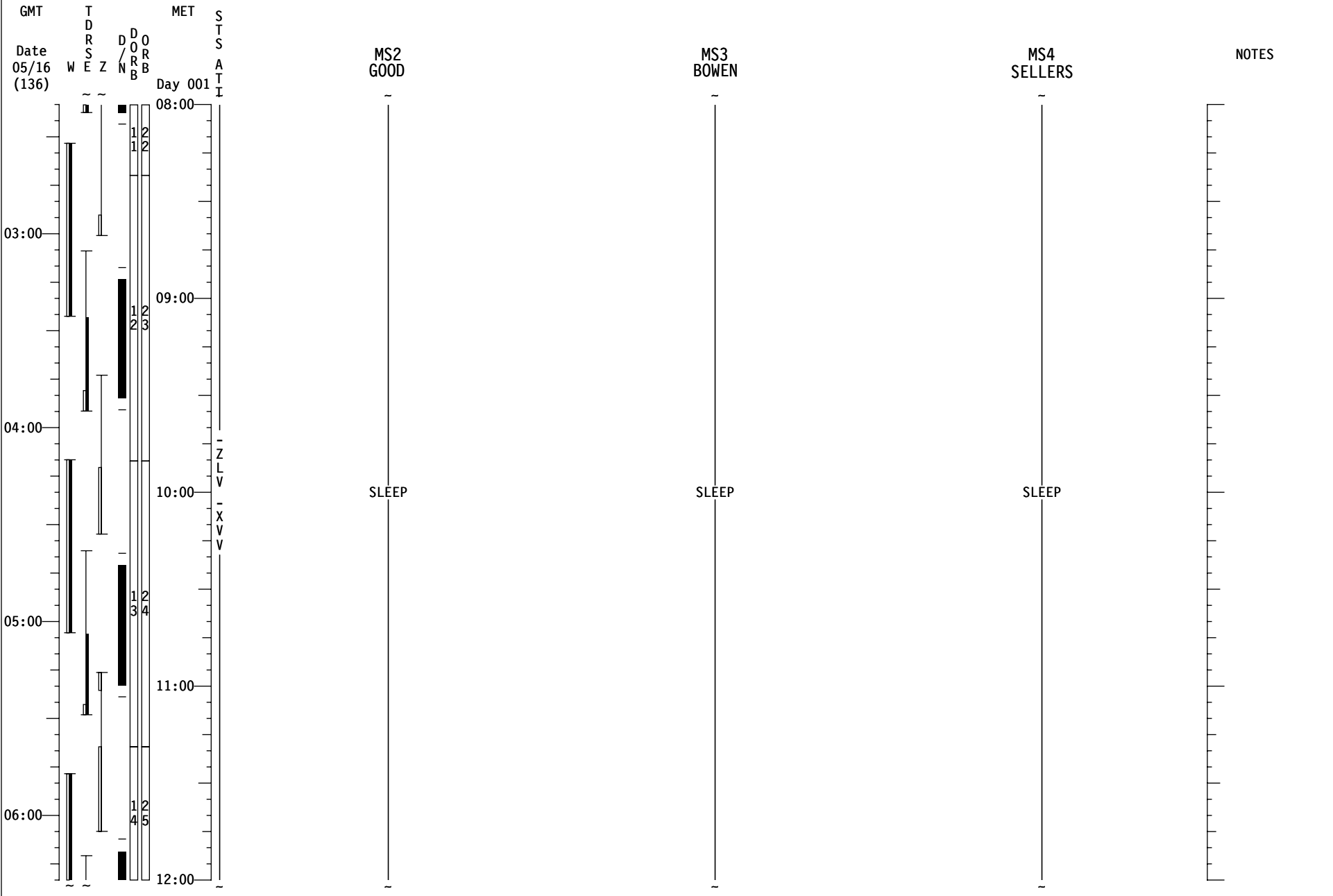
STS-132 FD (02)



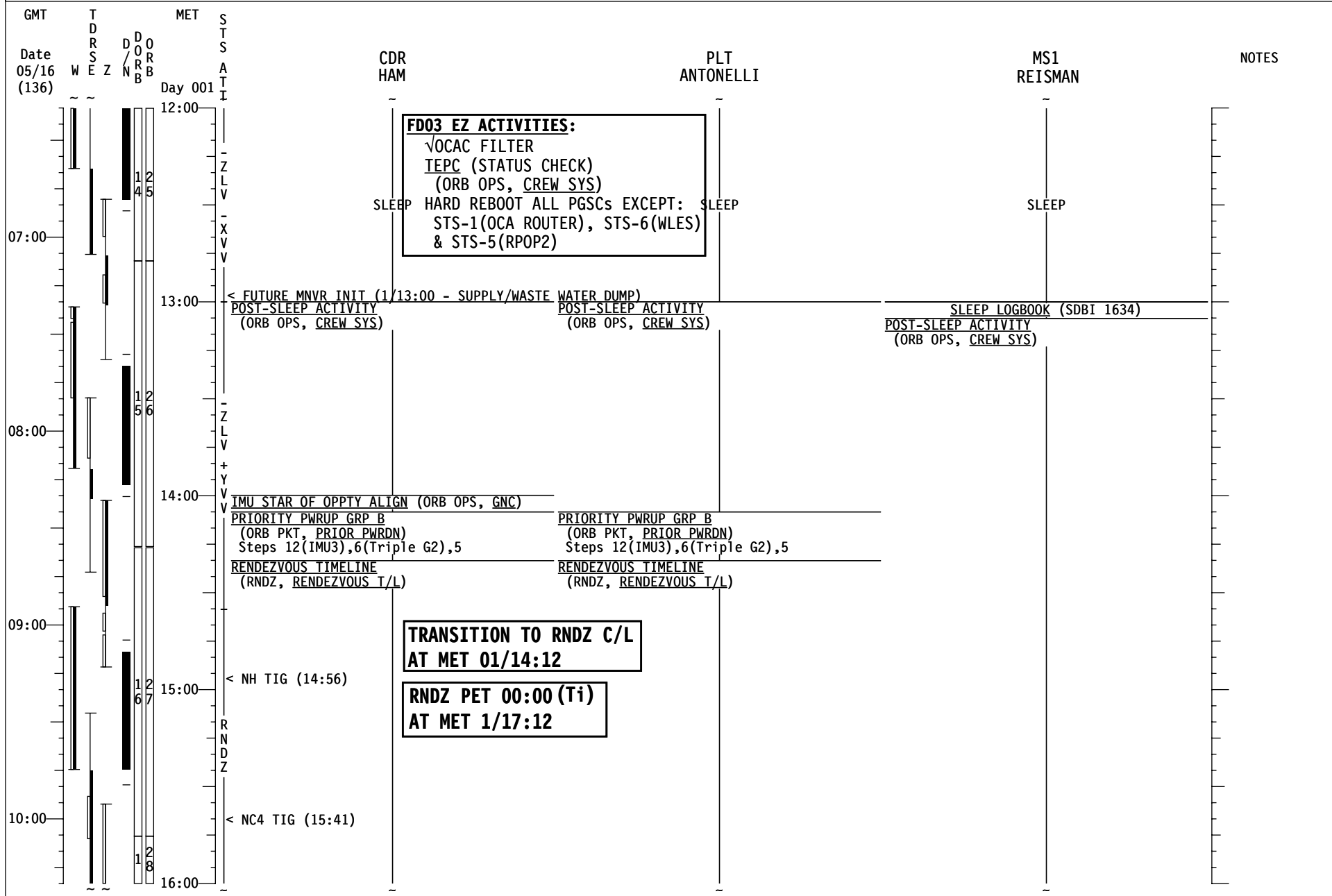
STS-132 FD (02)



STS-132 FD (02)



STS-132 FD (03)



FD03 EZ ACTIVITIES:
 ✓OCAC FILTER
 TEPC (STATUS CHECK)
 (ORB OPS, CREW SYS)
 HARD REBOOT ALL PGSCs EXCEPT:
 STS-1(OCA ROUTER), STS-6(WLES)
 & STS-5(RPOP2)

< FUTURE MNVR INIT (1/13:00 - SUPPLY/WASTE WATER DUMP)
 POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) POST-SLEEP ACTIVITY (ORB OPS, CREW SYS) SLEEP LOGBOOK (SDBI 1634)
 POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)

IMU STAR OF OPPTY ALIGN (ORB OPS, GNC)
 PRIORITY PWRUP GRP B (ORB PKT, PRIOR PWRDN) Steps 12(IMU3),6(Triple G2),5 PRIORITY PWRUP GRP B (ORB PKT, PRIOR PWRDN) Steps 12(IMU3),6(Triple G2),5
 RENDEZVOUS TIMELINE (RNDZ, RENDEZVOUS T/L) RENDEZVOUS TIMELINE (RNDZ, RENDEZVOUS T/L)

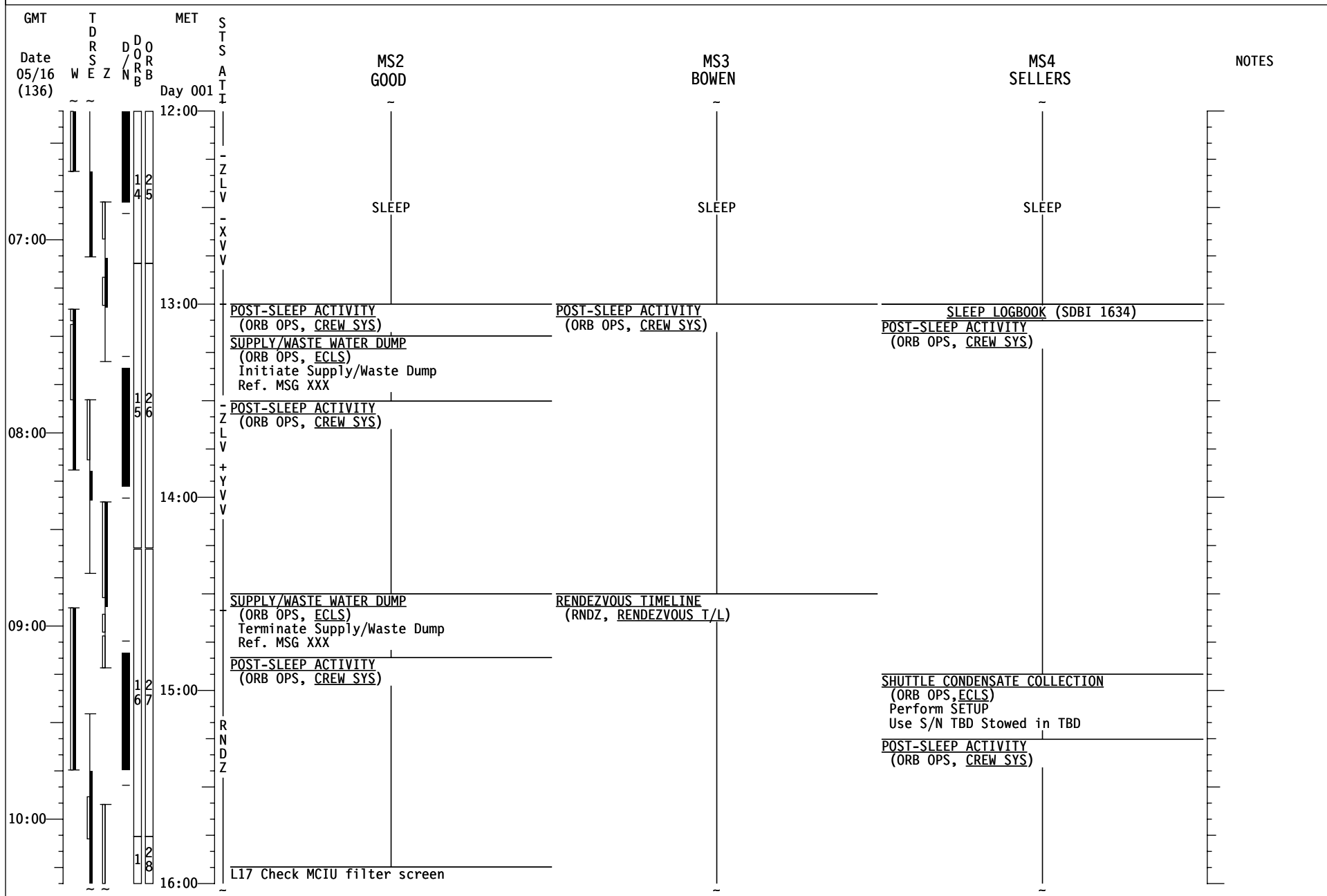
TRANSITION TO RNDZ C/L AT MET 01/14:12

RNDZ PET 00:00 (Ti) AT MET 1/17:12

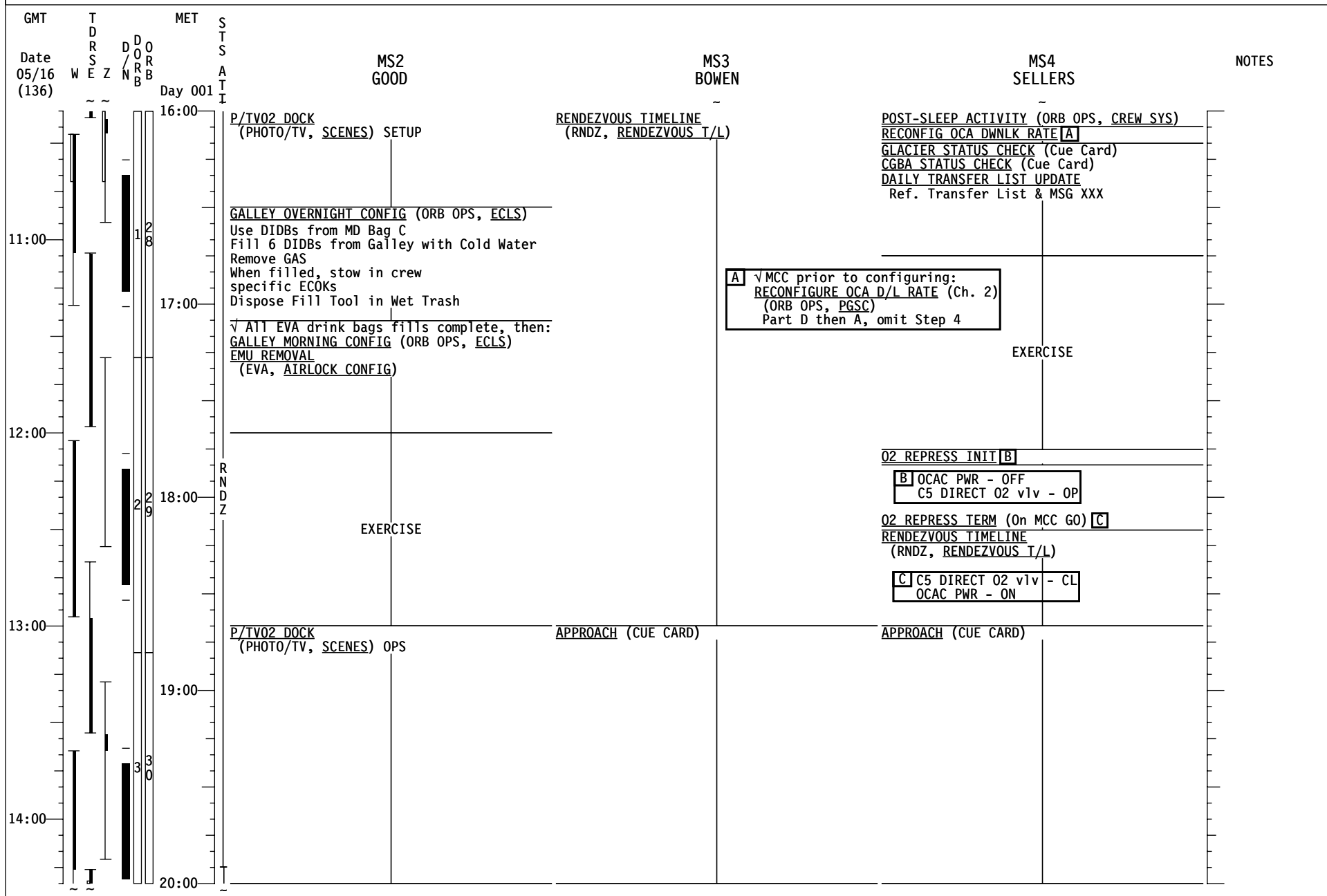
< NH TIG (14:56)

< NC4 TIG (15:41)

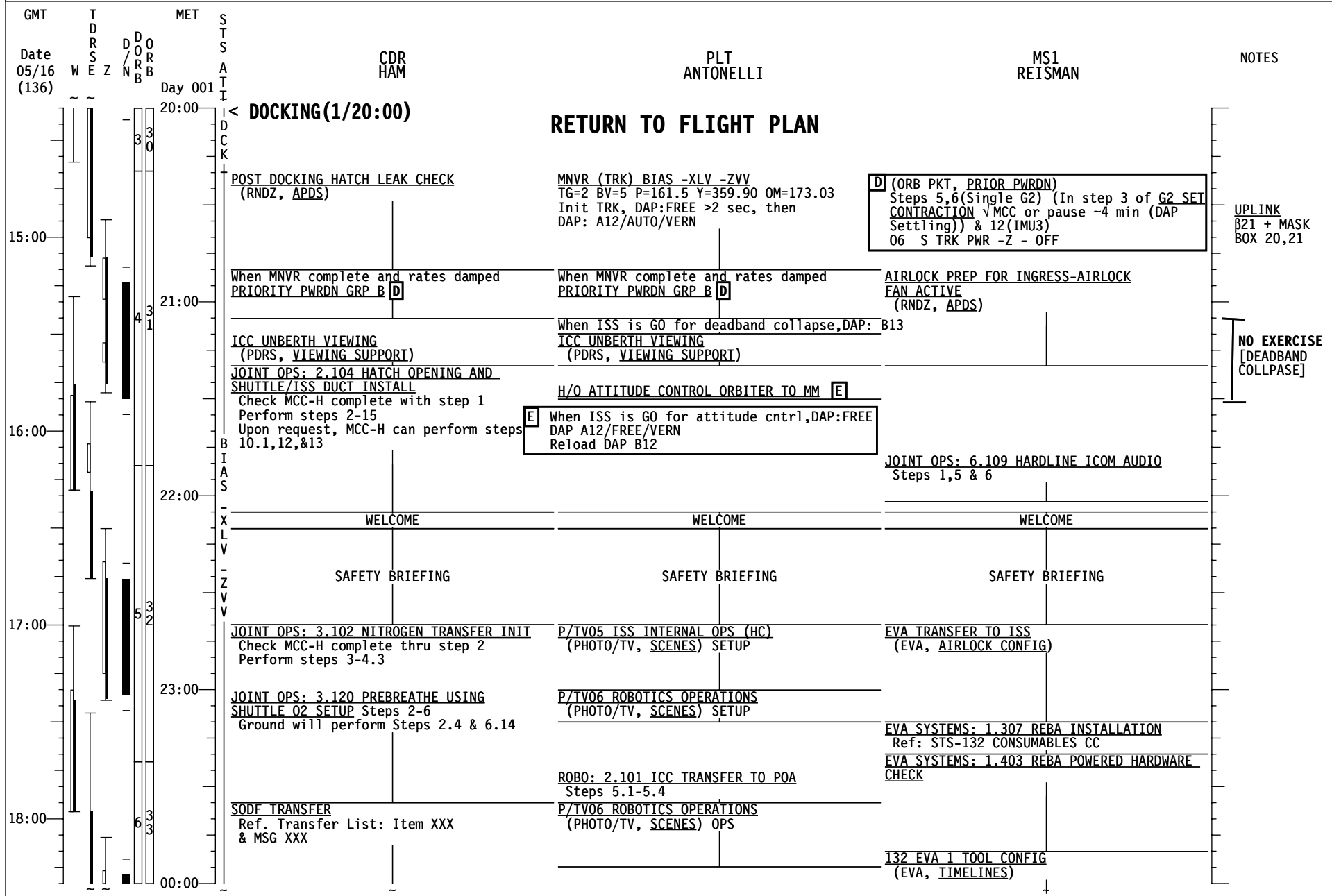
STS-132 FD (03)



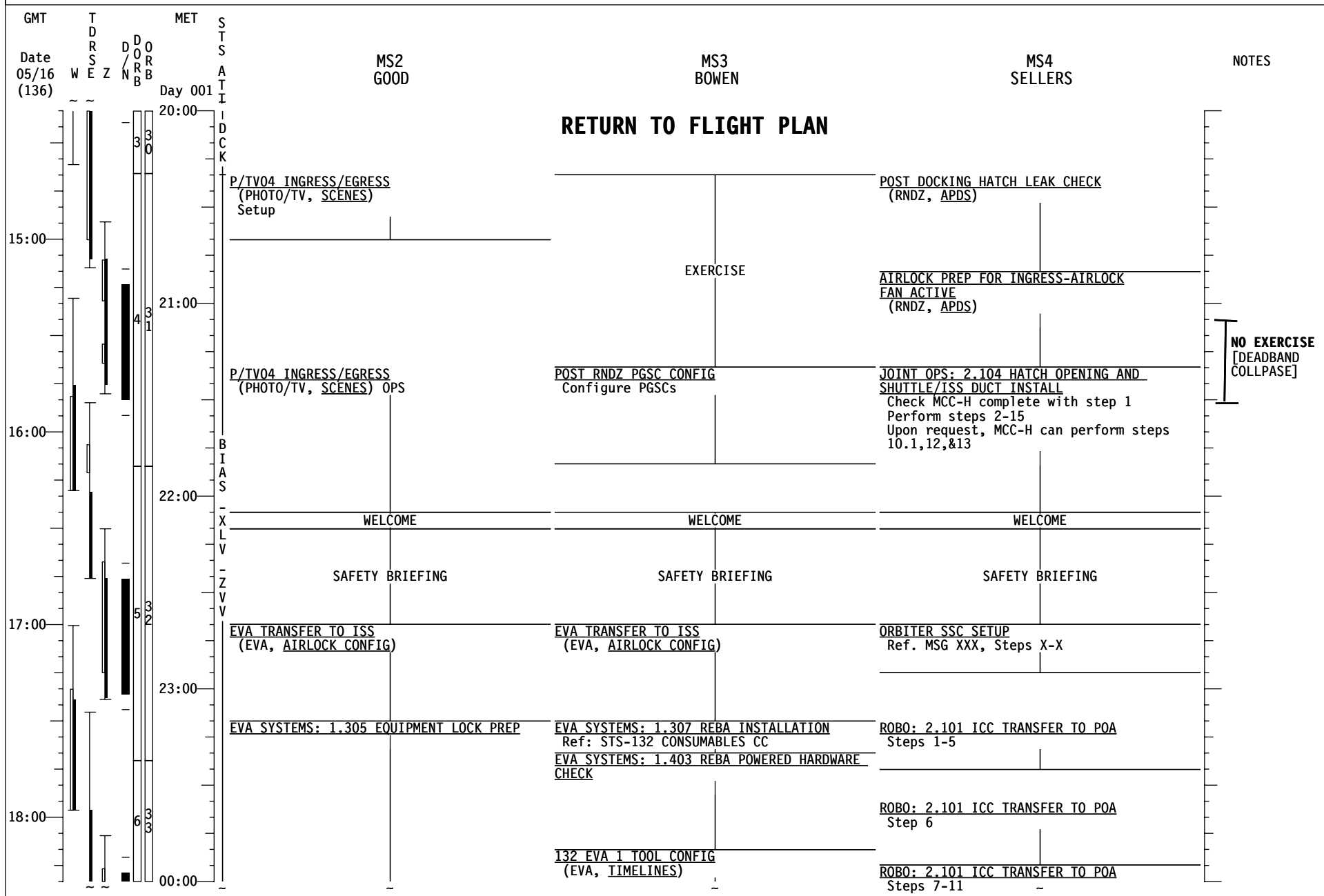
STS-132 FD (03)



STS-132 FD (03)



STS-132 FD (03)



STS-132 FD (03)

GMT	TDRSEZ	MET	SATS	CDR	PLT	MS1	NOTES
Date 05/16 (136)	W E Z	Day 002	I	HAM	ANTONELLI	REISMAN	
	DORNB		I				
19:00	6 3 3						
20:00	7 3 4						
21:00							
22:00	8 3 5						
04:00							

SODF TRANSFER
 Ref. Transfer List: Item XXX & MSG XXX
TRANSFER OPS
 Ref. Middeck Transfer List

132 EVA 1 TOOL CONFIG
 (EVA, TIMELINES)

132 EVA 1 TOOL CONFIG
 (EVA, TIMELINES)

EVA 1 PROCEDURE REVIEW
 Ref: EVA 1 BRIEFING CARD
 (EVA, TIMELINES)

EVA 1 PROCEDURE REVIEW
 Ref: EVA 1 BRIEFING CARD
 (EVA, TIMELINES)

EVA 1 PROCEDURE REVIEW
 Ref: EVA 1 BRIEFING CARD
 (EVA, TIMELINES)

TRANSFER TAGUP
 Coordinate with transfer counterpart

CWC-I FILL
 (ORB OPS, ECLS) Setup
 Perform Parts A, B & C
 Ref. MSG XXX

PRE-SLEEP ACTIVITY
 (ORB OPS, CREW SYS)

PRE-SLEEP ACTIVITY
 (ORB OPS, CREW SYS)

PRE-SLEEP ACTIVITY
 (ORB OPS, CREW SYS)

√ Hum Seps for H2O Accumulation

TRANSFER BRIEF
 Call down status to MCC

PRIVATE MEDICAL CONFERENCE

PRE-SLEEP ACTIVITY
 (ORB OPS, CREW SYS)

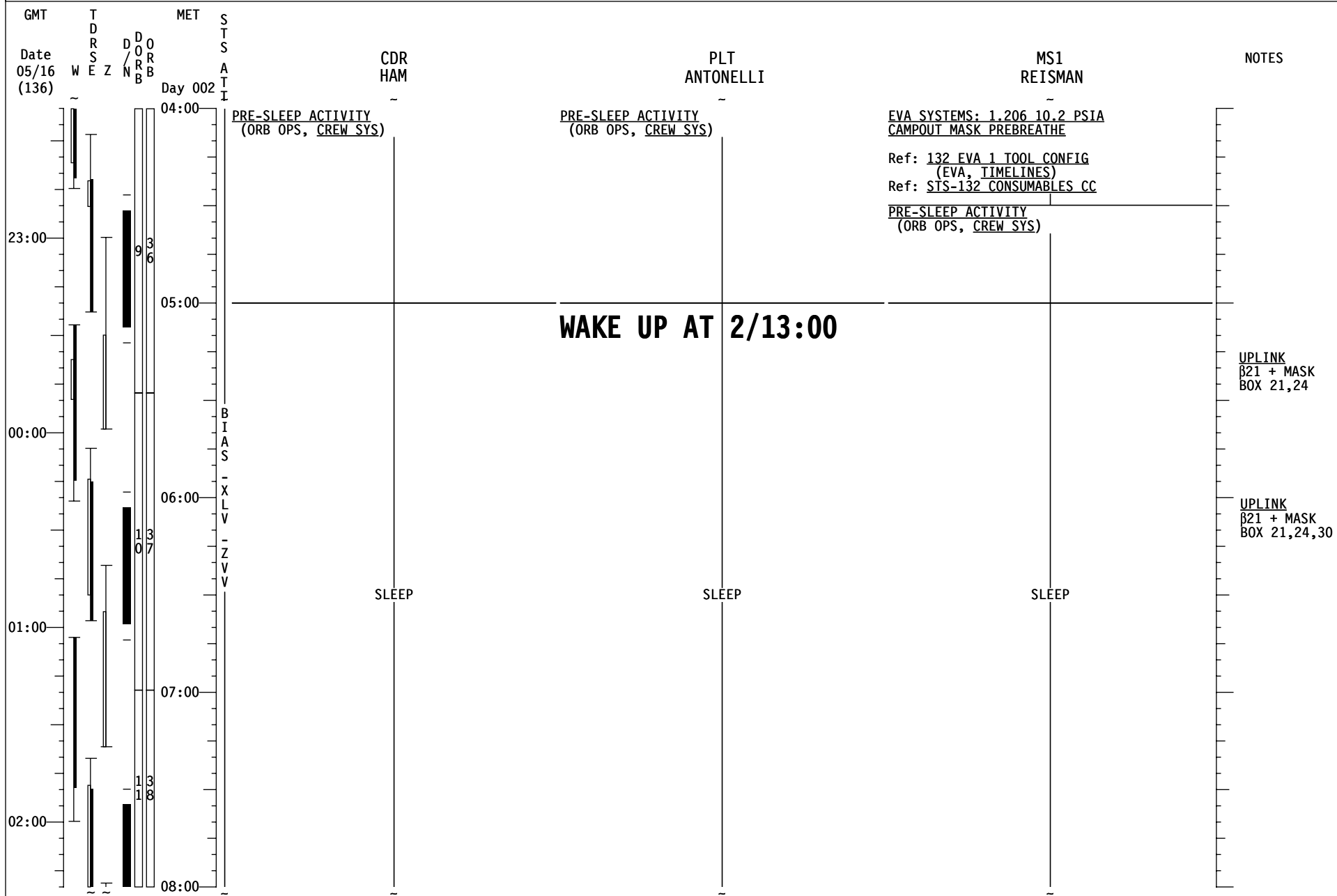
EVA SYSTEMS: 1.206 10.2 PSIA
CAMPOUT MASK PREBREATHE

Ref: 132 EVA 1 TOOL CONFIG
 (EVA, TIMELINES)
 Ref: STS-132 CONSUMABLES CC

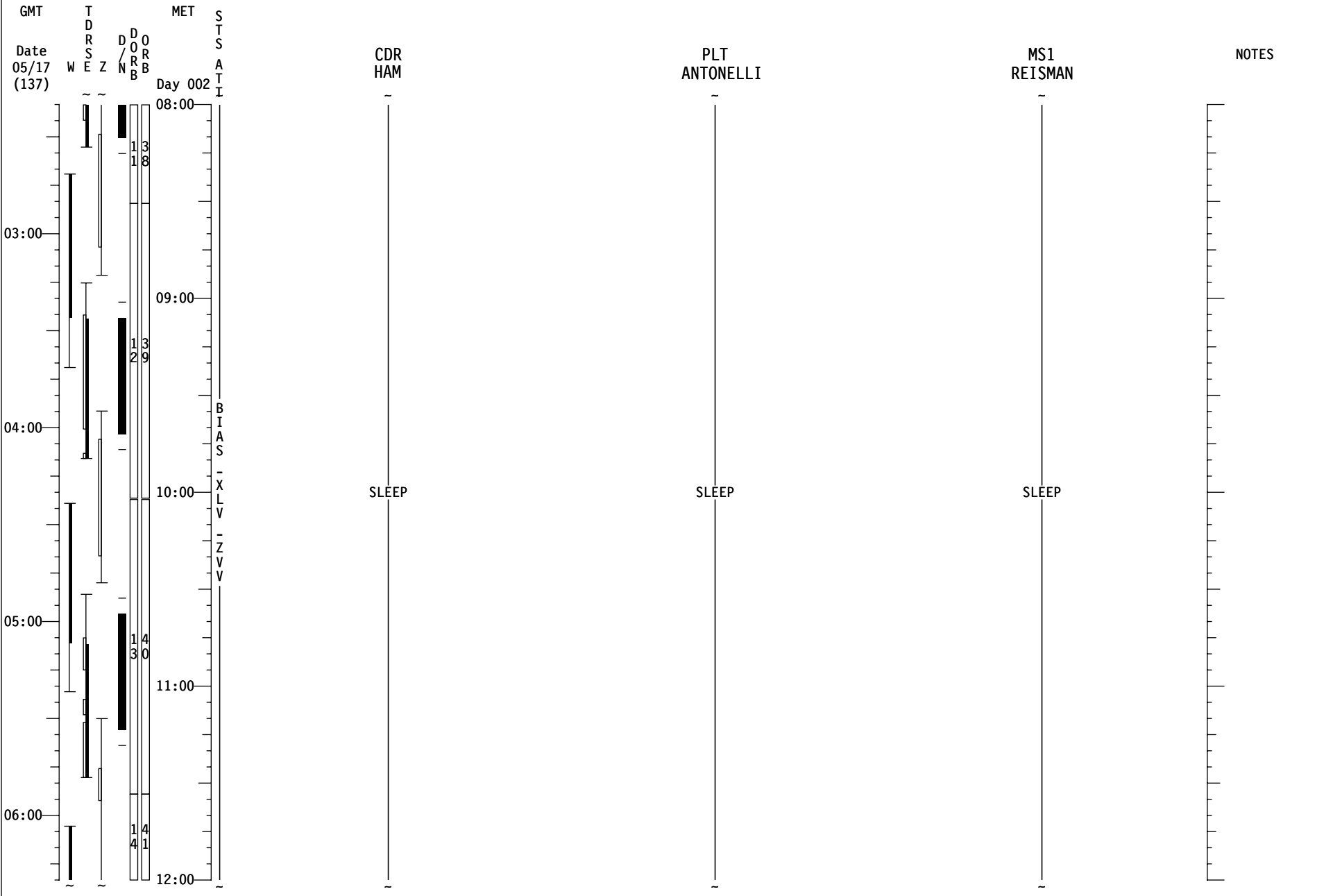
STS-132 FD (03)

GMT	TDRS W E Z	MET Day 002	S T S A T I	MS2 GOOD	MS3 BOWEN	MS4 SELLERS	NOTES	
Date 05/16 (136) 19:00 20:00 21:00 22:00 04:00	D O R B 6 3 3	00:00		EVA SYSTEMS: 1.305 EQUIPMENT LOCK PREP	132 EVA 1 TOOL CONFIG (EVA, TIMELINES)	ROBO: 2.101 ICC TRANSFER TO POA Steps 7-11		
	D O R B 7 3 4	01:00		EVA 1 PROCEDURE REVIEW Ref: EVA 1 BRIEFING CARD (EVA, TIMELINES)	EVA 1 PROCEDURE REVIEW Ref: EVA 1 BRIEFING CARD (EVA, TIMELINES)	EVA 1 PROCEDURE REVIEW Ref: EVA 1 BRIEFING CARD (EVA, TIMELINES)		
	D O R B 8 3 5	02:00	B I A S X L V		PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	GLACIER STATUS CHECK (Cue Card) CGBA STATUS CHECK (Cue Card) PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) DIGITAL VIA VTR (CUE CARD, DIGITAL PLAYBACK) Docking KU TDRW (02:07-02:41)	
		03:00	Z V V				PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
		04:00			EVA SYSTEMS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE Ref: 132 EVA 1 TOOL CONFIG (EVA, TIMELINES) Ref: STS-132 CONSUMABLES CC			

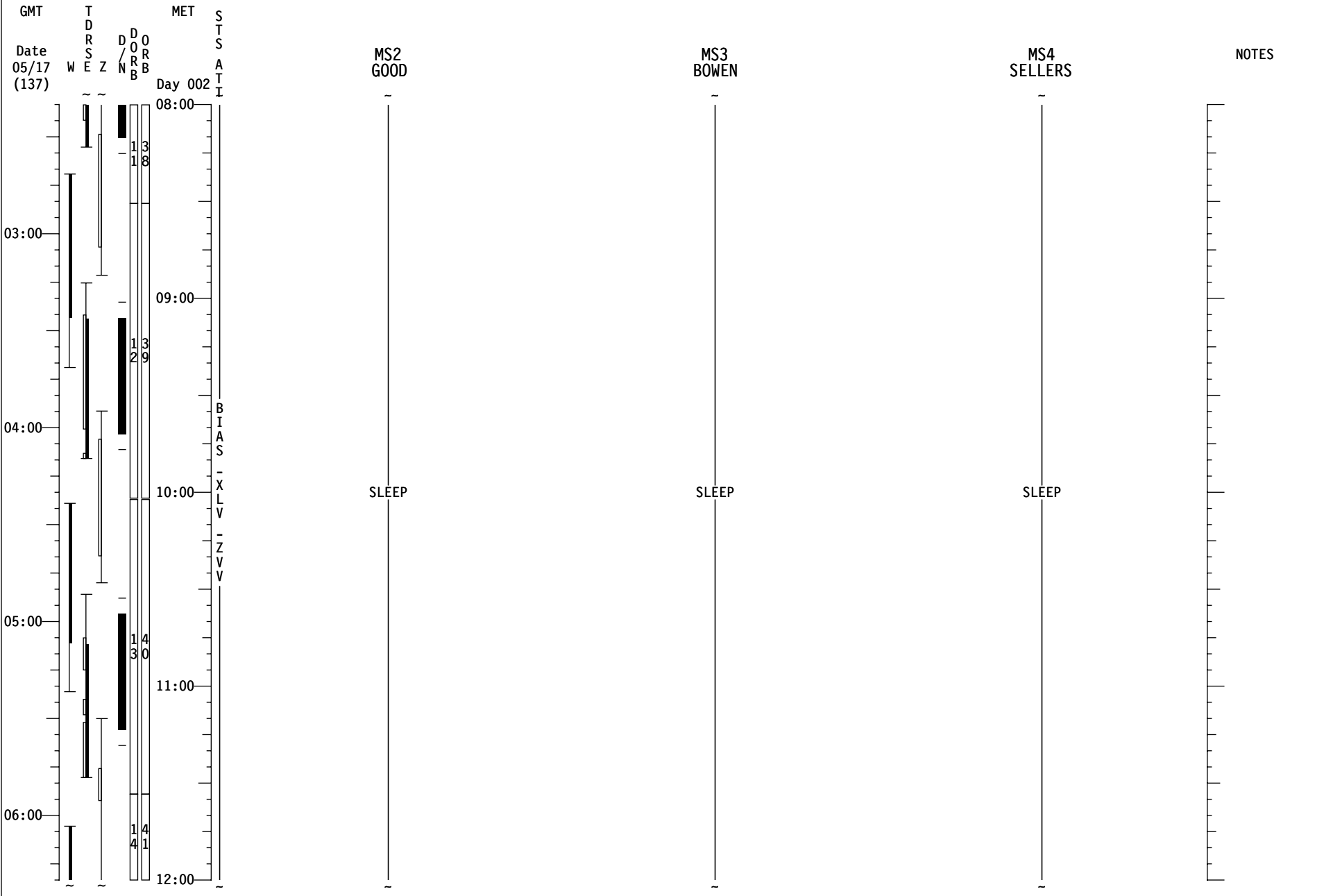
STS-132 FD (03)



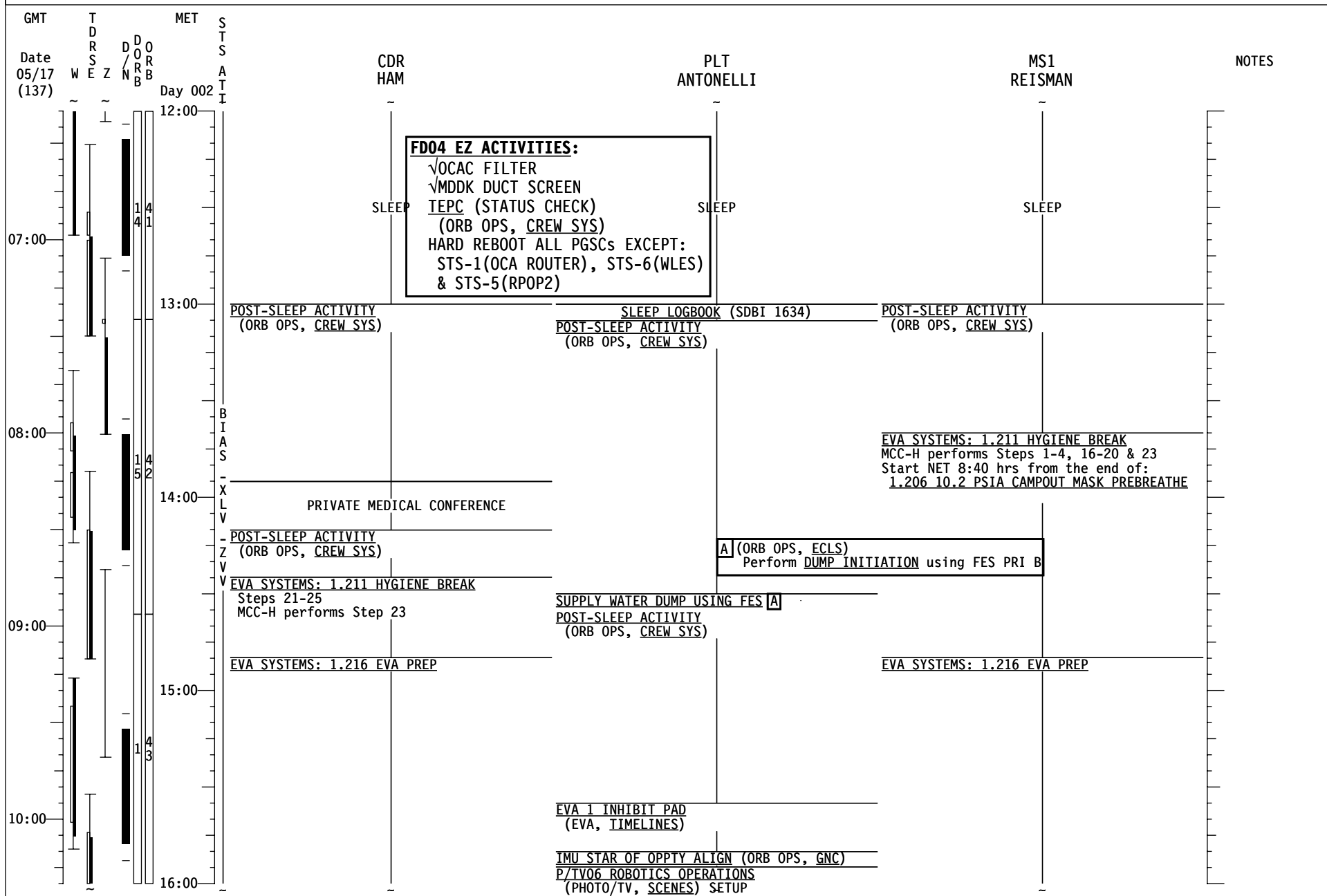
STS-132 FD (03)



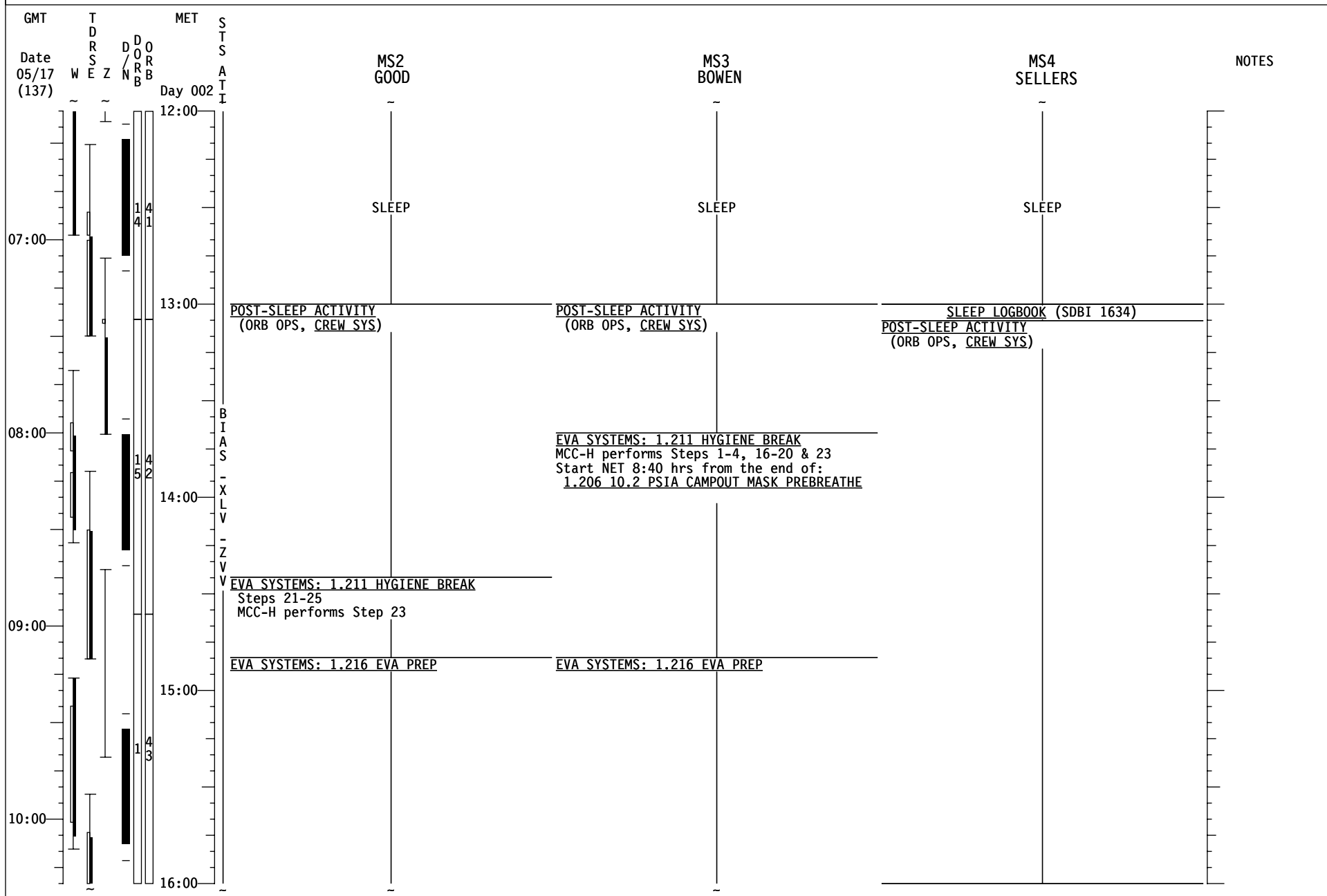
STS-132 FD (03)



STS-132 FD (04)



STS-132 FD (04)



STS-132 FD (04)

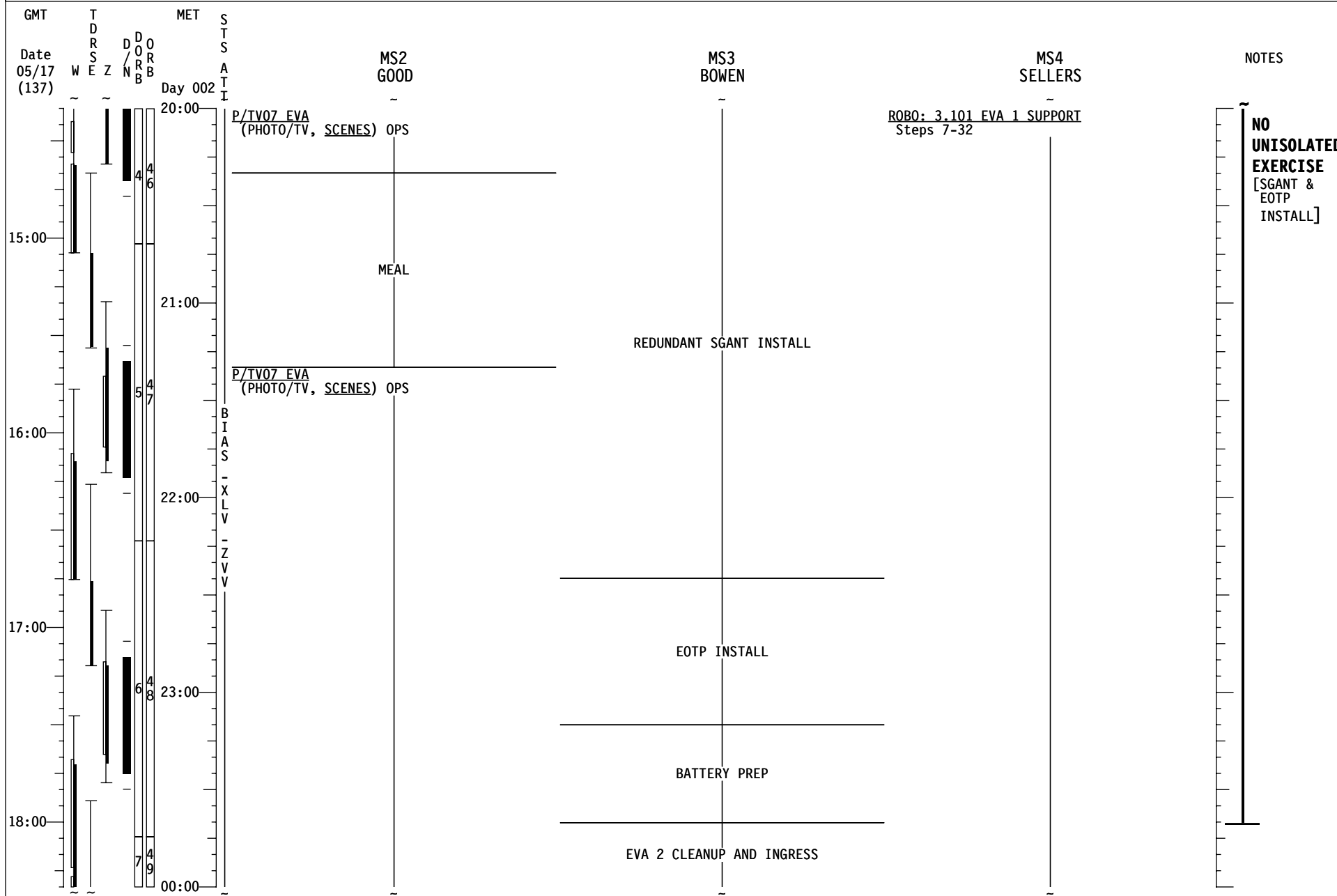
GMT	TDRSEZ	MET	S T S	CDR	PLT	MS1	NOTES
Date 05/17 (137)	W E Z	Day 002	A T I	HAM	ANTONELLI	REISMAN	
	D O R B						
16:00	1			EVA SYSTEMS: 1.216 EVA PREP SGANT & EOTP VIEWING (PDRS, VIEWING SUPPORT)	P/TV06 ROBOTICS OPERATIONS (PHOTO/TV, SCENES) SETUP SGANT & EOTP VIEWING (PDRS, VIEWING SUPPORT)	EVA SYSTEMS: 1.216 EVA PREP	
				EVA SYSTEMS: 1.220 EMU PURGE	DAILY TRANSFER LIST UPDATE Ref. Transfer List & MSG XXX	EVA SYSTEMS: 1.220 EMU PURGE	
11:00	2			EVA SYSTEMS: 1.225 EMU PREBREATHE	SUPPLY WATER DUMP USING FES [B] [B] (ORB OPS, ECLS) Perform DUMP TERMINATION using FES PRI B	EVA SYSTEMS: 1.225 EMU PREBREATHE	
17:00	4				EXERCISE		
				EVA SYSTEMS: CREWLOCK DEPRESS/REPRESS CUE CARD		EVA SYSTEMS: CREWLOCK DEPRESS/REPRESS CUE CARD	
12:00					P/TV07 EVA (PHOTO/TV, SCENES) SETUP		UPLINK β21 + MASK BOX 21,24,31
18:00	3			X EVA SYSTEMS: CREWLOCK POST DEPRESS (CC) L CWC-I FILL (ORB OPS, ECLS) V Fill CWC-I #1, Perform Parts D & E Ref. MSG XXX Z V CWC-I FILL (ORB OPS, ECLS) V Fill CWC-I #2, Perform Parts D & E Ref. MSG XXX		EVA SYSTEMS: CREWLOCK POST DEPRESS (CC) EVA SYSTEMS: CREWLOCK EGRESS (CC)	
13:00	4			CWC-I FILL (ORB OPS, ECLS) Fill CWC-I #3, Perform Parts D & E Ref. MSG XXX		SETUP	
19:00	5			TRANSFER OPS Ref. Middeck Transfer List	IVA SUPPORT EVA 1	PALLET PREP	
14:00	4					REDUNDANT SGANT INSTALL	
20:00	6						NO UNISOLATED EXERCISE [SGANT & EOTP INSTALL]

STS-132 FD (04)

GMT	TDRSEZ	MET	S	MS2	MS3	MS4	NOTES
Date 05/17 (137)	W E Z	Day 002	S A T I	GOOD	BOWEN	SELLERS	
				EVA SYSTEMS: 1.216 EVA PREP	EVA SYSTEMS: 1.216 EVA PREP		L17 Check MCIU filter screen GLACIER STATUS CHECK (Cue Card) CGBA STATUS CHECK (Cue Card) NLP TERMINATION
				EVA SYSTEMS: 1.220 EMU PURGE	EVA SYSTEMS: 1.220 EMU PURGE		(ASSY OPS, PAYLOADS)Term Vaccine GAPS A-H
11:00				EVA SYSTEMS: 1.225 EMU PREBREATHE	EVA SYSTEMS: 1.225 EMU PREBREATHE		
				EVA SYSTEMS: CREWLOCK DEPRESS/REPRESS CUE CARD	EVA SYSTEMS: CREWLOCK DEPRESS/REPRESS CUE CARD		
12:00				EVA SYSTEMS: CREWLOCK POST DEPRESS (CC)	EVA SYSTEMS: CREWLOCK POST DEPRESS (CC)		ROBO: 3.101 EVA 1 SUPPORT Steps 7-32
				L P/TV07 EVA V (PHOTO/TV, SCENES) OPS	EVA SYSTEMS: CREWLOCK EGRESS (CC)		
13:00					SETUP		
					PALLET PREP		
14:00					REDUNDANT SGANT INSTALL		
20:00							

**NO
UNISOLATED
EXERCISE**
 [SGANT &
EOTP
INSTALL]

STS-132 FD (04)



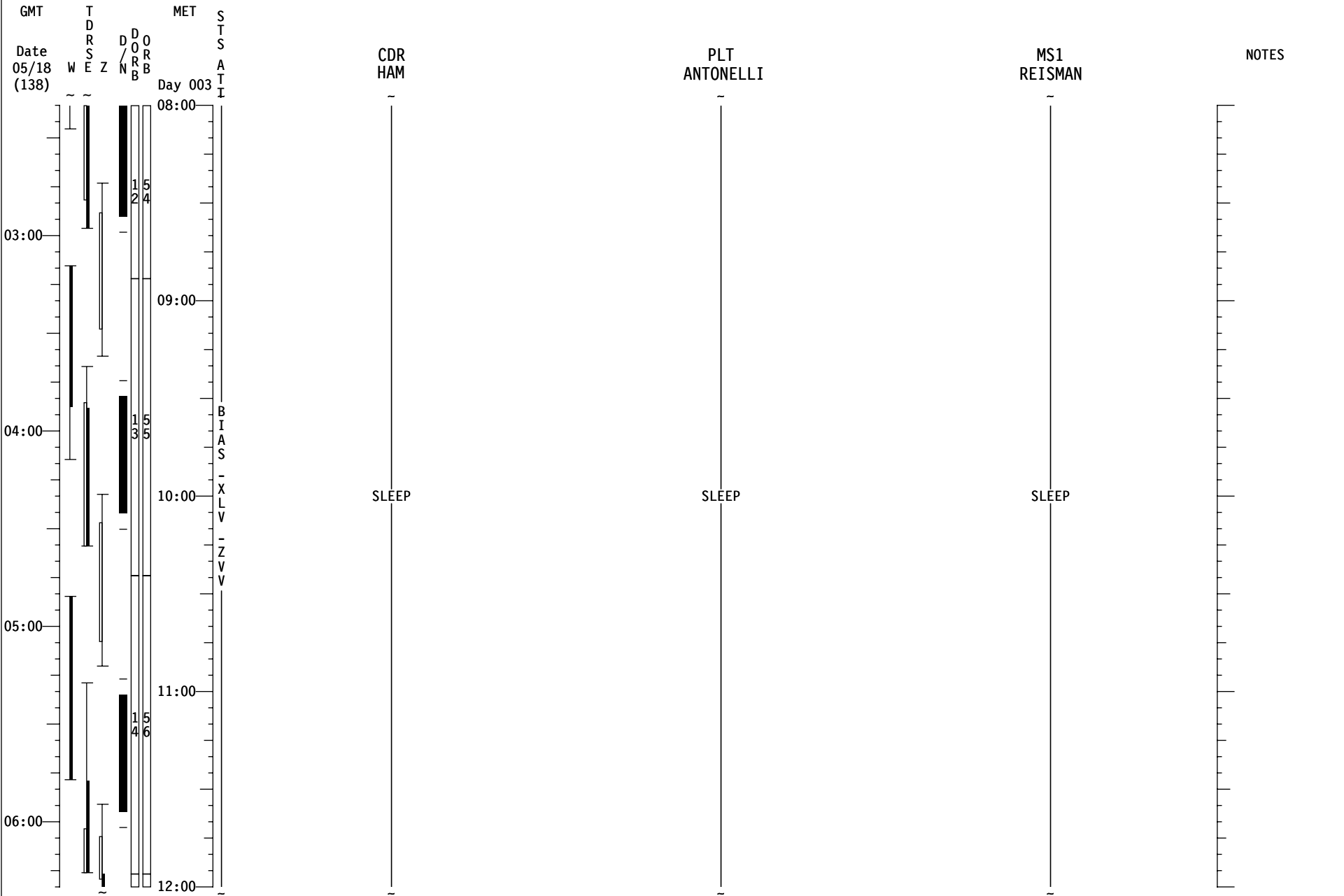
STS-132 FD (04)

GMT	TDRS WSEZ	MET Day 003	S T S A T I	CDR HAM	PLT ANTONELLI	MS1 REISMAN	NOTES
				EXERCISE	IVA SUPPORT EVA 1	EVA 2 CLEANUP AND INGRESS	
				EVA SYSTEMS: PRE REPRESS (CC)	P/TV06 ROBOTICS OPERATIONS [C]	EVA SYSTEMS: PRE REPRESS (CC)	
				EVA SYSTEMS: CREWLOCK REPRESS (CC)	TRANSFER OPS Ref. Middeck Transfer List	EVA SYSTEMS: CREWLOCK REPRESS (CC)	
19:00				EVA SYSTEMS: 1.240 POST EVA (With H2O) Steps 37,39 & 68 not req'd MCC will perform Steps 43 & 67 Ref: STS-132 CONSUMABLES CC		EVA SYSTEMS: 1.240 POST EVA (With H2O) Steps 37,39 & 68 not req'd MCC will perform Steps 43 & 67 Ref: STS-132 CONSUMABLES CC	
				In Step 60, temp stow HL Batts for BSA Init	[C] KEEL CAM PWR - OFF √KEEL ILL PWR - ON	In Step 60, temp stow HL Batts for BSA Init	
20:00					PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)		
				X TRANSFER TAGUP L Coordinate with transfer counterpart	EVA TAGUP Private Conference	EVA TAGUP Private Conference	
				Z PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
				V TRANSFER BRIEF V Call down status to MCC			
21:00				PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS) Air Quality Report			
				PRIVATE MEDICAL CONFERENCE			
				PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)			
22:00							
04:00							

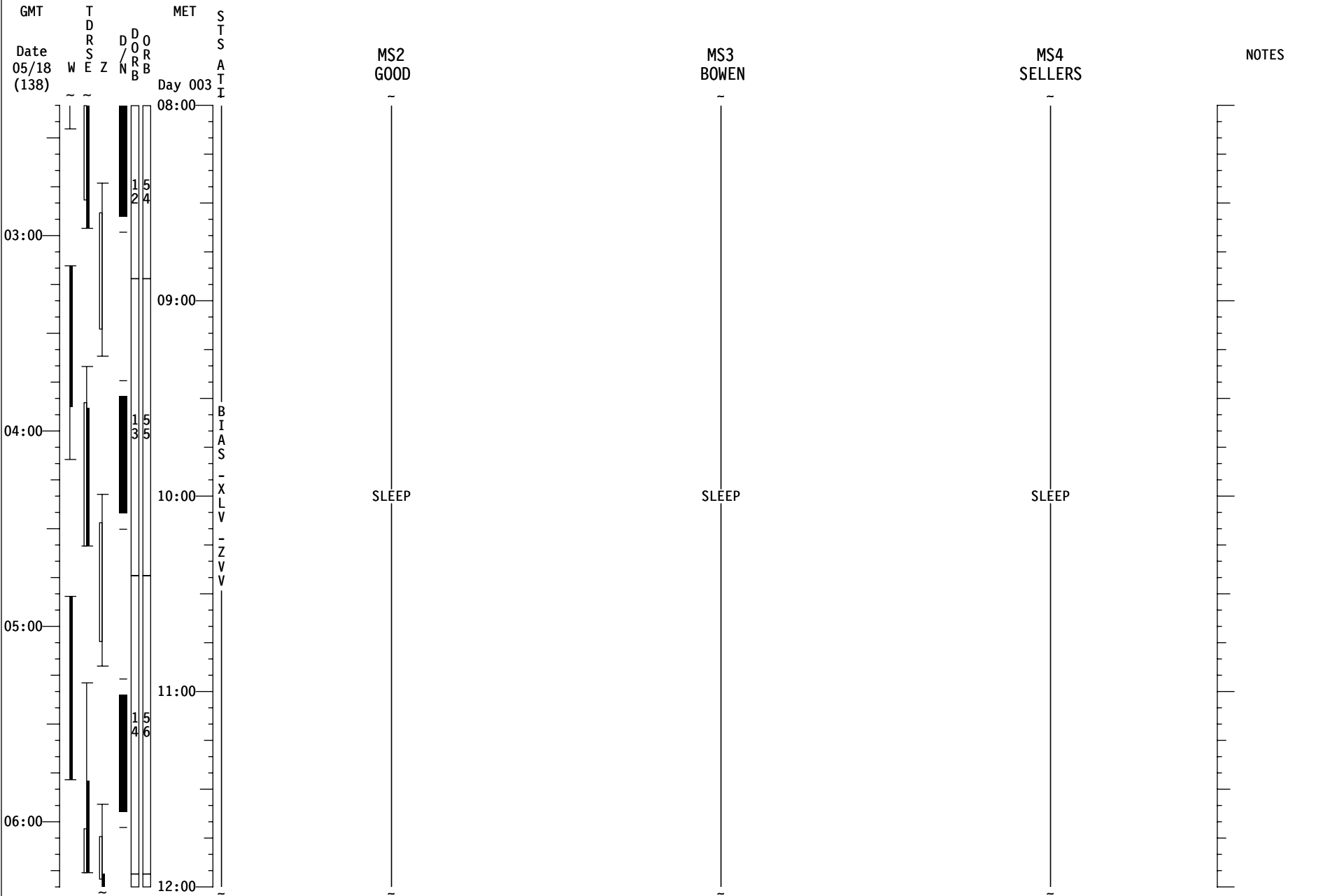
STS-132 FD (04)

GMT	TDRS W E Z	MET Day 003	S T S A T I	MS2 GOOD	MS3 BOWEN	MS4 SELLERS	NOTES
Date 05/17 (137)	D O R B N B	00:00	I	P/TV07 EVA (PHOTO/TV, SCENES) OPS	EVA 2 CLEANUP AND INGRESS	ROBO: 3.101 EVA 1 SUPPORT Steps 7-32	
				EVA SYSTEMS: PRE REPRESS (CC)	EVA SYSTEMS: PRE REPRESS (CC)		
				EVA SYSTEMS: CREWLOCK REPRESS (CC)	EVA SYSTEMS: CREWLOCK REPRESS (CC)	TRANSFER OPS Ref. Middeck Transfer List	
				EVA SYSTEMS: 1.240 POST EVA (With H2O) Steps 37,39 & 68 not req'd MCC will perform Steps 43 & 67 Ref: STS-132 CONSUMABLES CC	EVA SYSTEMS: 1.240 POST EVA (With H2O) Steps 37,39 & 68 not req'd MCC will perform Steps 43 & 67 Ref: STS-132 CONSUMABLES CC		
19:00	7 4 9	01:00	I	In Step 60, temp stow HL Batts for BSA Init	In Step 60, temp stow HL Batts for BSA Init		
20:00	8 5 0	02:00	S	EVA TAGUP Private Conference	EVA TAGUP Private Conference	EVA TAGUP Private Conference	
21:00	9 5 1	03:00	X L V	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	GLACIER STATUS CHECK (Cue Card) CGBA STATUS CHECK (Cue Card) PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
22:00	T	04:00	V V V				

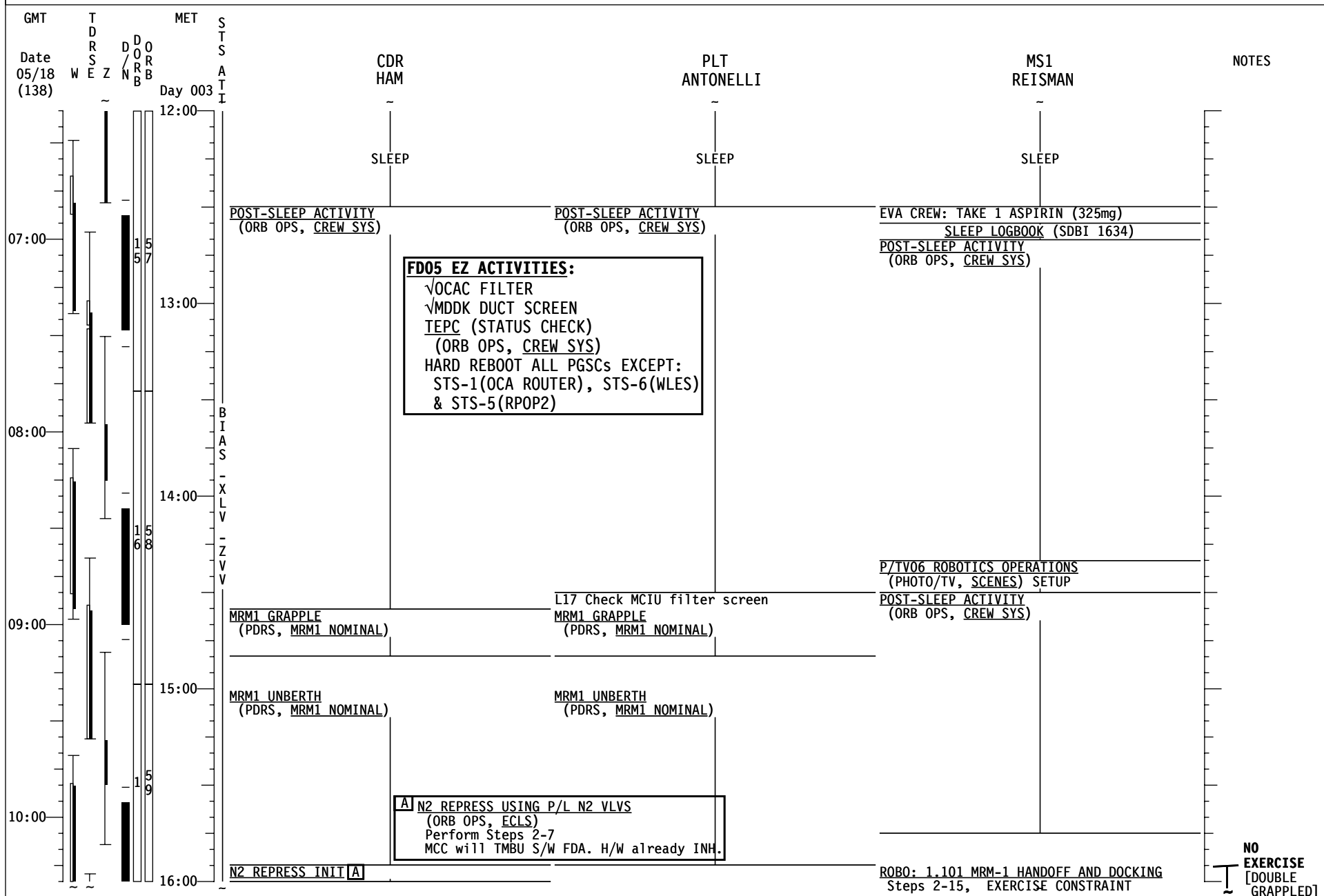
STS-132 FD (04)



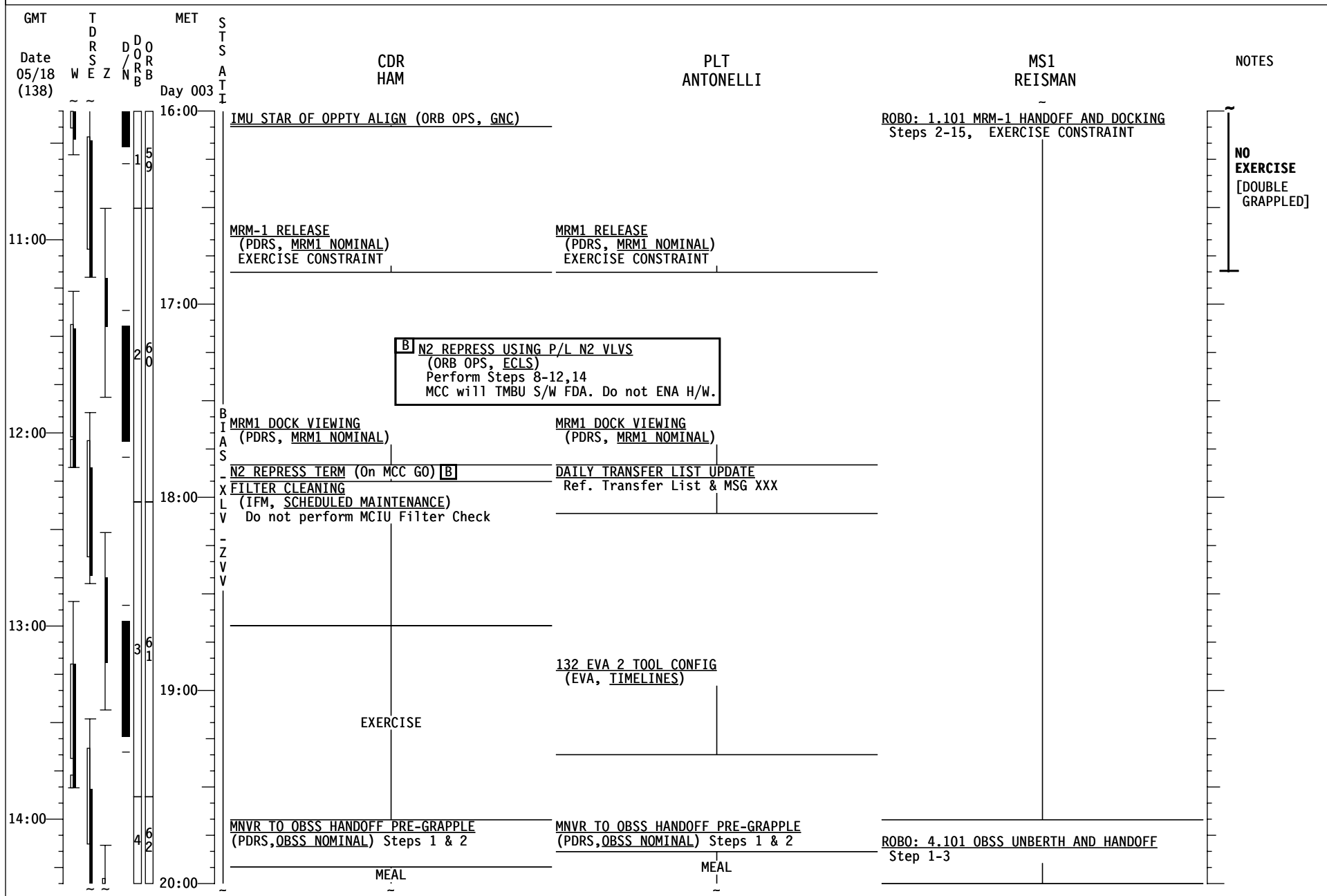
STS-132 FD (04)



STS-132 FD (05)



STS-132 FD (05)



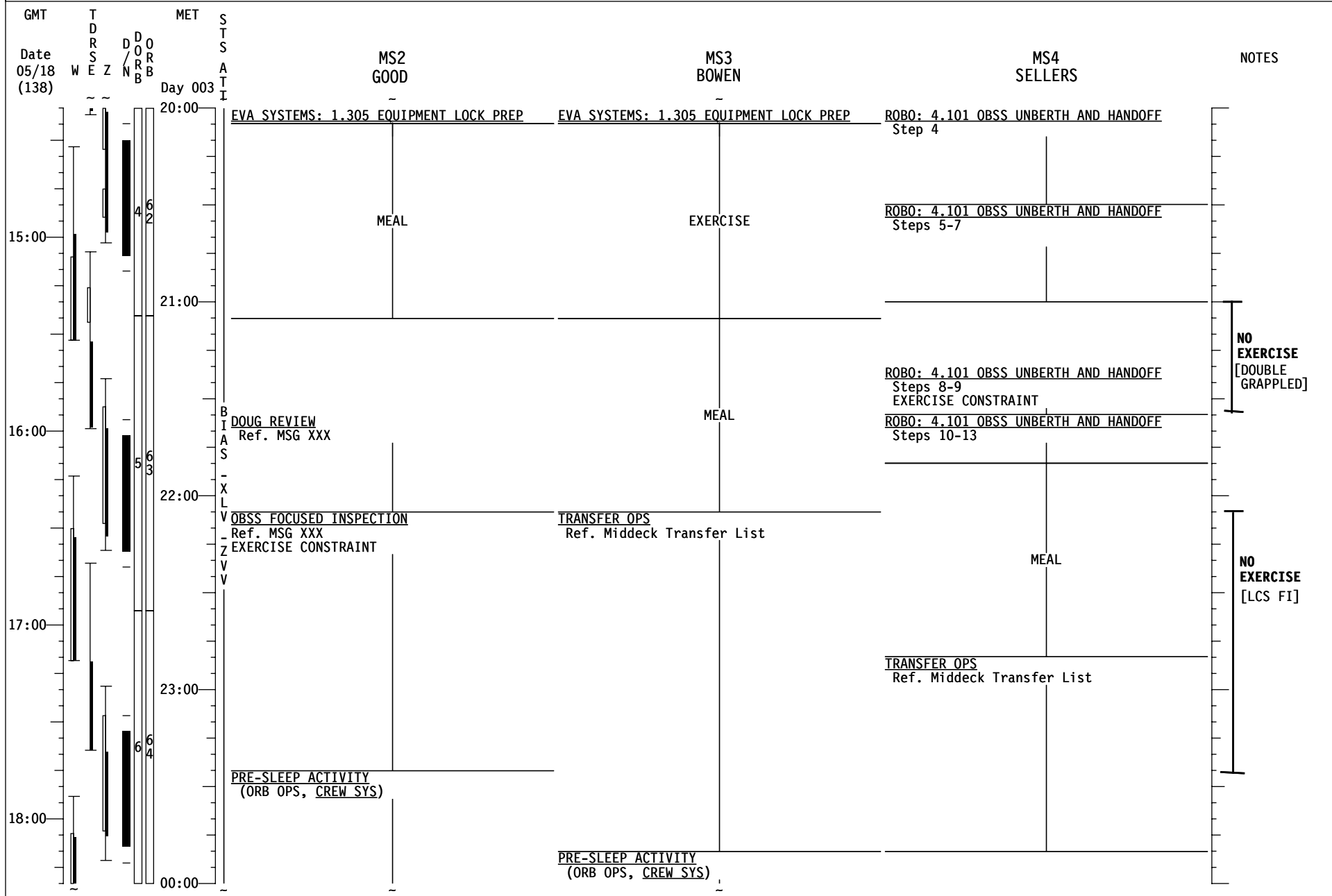
STS-132 FD (05)

GMT	TDRS W E Z	MET Day 003	S T S A T I	MS2 GOOD	MS3 BOWEN	MS4 SELLERS	NOTES
Date 05/18 (138)							
							<div style="border: 1px solid black; padding: 2px;">UPLINK TFL 184</div> <div style="border: 1px solid black; padding: 2px; margin-top: 10px;">NO EXERCISE [DOUBLE GRAPPLED]</div>
16:00				<u>CWC-I FILL (ORB OPS, ECLS)</u> Fill CWC-I #7, Perform Parts D & E Ref. MSG XXX <u>CWC-I FILL (ORB OPS, ECLS)</u> Fill CWC-I #8, Perform Parts D & E Ref. MSG XXX <u>CWC-I TRANSFER</u> Transfer 3 CWC-I to ISS	SSV OUTFRATE - 2		<u>ROBO: 1.101 MRM-1 HANDOFF AND DOCKING</u> Steps 2-15, EXERCISE CONSTRAINT
17:00				<u>EMU SWAP FOR EVA 2</u> (EVA, AIRLOCK CONFIG) Ref: <u>1.515 EMU METOX/LIOH/BATTERY</u> <u>REPLACEMENT</u> Ref: <u>STS-132 Consumables CC</u>	<u>EMU SWAP FOR EVA 2</u> (EVA, AIRLOCK CONFIG) Ref: <u>1.515 EMU METOX/LIOH/BATTERY</u> <u>REPLACEMENT</u> Ref: <u>STS-132 Consumables CC</u>		
18:00				<u>EVA SYSTEMS: 1.403 REBA POWERED HARDWARE</u> <u>CHECK</u> Perform on EMU 3009(G) only <u>132 EVA 2 TOOL CONFIG</u> (EVA, TIMELINES)	<u>EVA SYSTEMS: 1.403 REBA POWERED HARDWARE</u> <u>CHECK</u> Perform on EMU 3009(G) only <u>132 EVA 2 TOOL CONFIG</u> (EVA, TIMELINES)		
19:00							
20:00				<u>EVA SYSTEMS: 1.305 EQUIPMENT LOCK PREP</u>	<u>EVA SYSTEMS: 1.305 EQUIPMENT LOCK PREP</u>		<u>ROBO: 4.101 OBSS UNBERTH AND HANDOFF</u> Step 1-3

STS-132 FD (05)

GMT	TDRSEZ Date 05/18 (138)	MET Day 003	STS A T I	CDR HAM	PLT ANTONELLI	MS1 REISMAN	NOTES
					MEAL		
				MEAL	MEAL		
					MNVN TO OBSS HANDOFF PRE-GRAPPLE (PDRS, OBSS NOMINAL) Steps 3-5		ROBO: 4.101 OBSS UNBERTH AND HANDOFF Step 4
15:00							
							ROBO: 4.101 OBSS UNBERTH AND HANDOFF Steps 5-7
					RI PL PRI MNC - ON (tb-ON)		
				OBSS GRAPPLE FROM SSRMS (PDRS, OBSS NOMINAL)	OBSS GRAPPLE FROM SSRMS (PDRS, OBSS NOMINAL)		NO EXERCISE [DOUBLE GRAPPLED]
				EXERCISE CONSTRAINT	EXERCISE CONSTRAINT		
16:00					DOUG REVIEW Ref. MSG XXX		
					DOUG REVIEW Ref. MSG XXX		ROBO: 4.101 OBSS UNBERTH AND HANDOFF Steps 10-13
					OBSS FOCUSED INSPECTION Ref. MSG XXX		
				OBSS FOCUSED INSPECTION Ref. MSG XXX	OBSS FOCUSED INSPECTION Ref. MSG XXX		NO EXERCISE [LCS FI]
				EXERCISE CONSTRAINT	EXERCISE CONSTRAINT		
17:00						MEAL	
							TRANSFER OPS Ref. Middeck Transfer List
18:00							
					CWC-I FILL (ORB OPS, ECLS) Fill CWC-I #9, Perform Parts D & E Ref. MSG XXX		EXERCISE
				TRANSFER TAGUP Coordinate with transfer counterpart	CWC-I FILL (ORB OPS, ECLS) Fill CWC-I #10, Perform Parts D,E & F Ref. MSG XXX		
00:00							

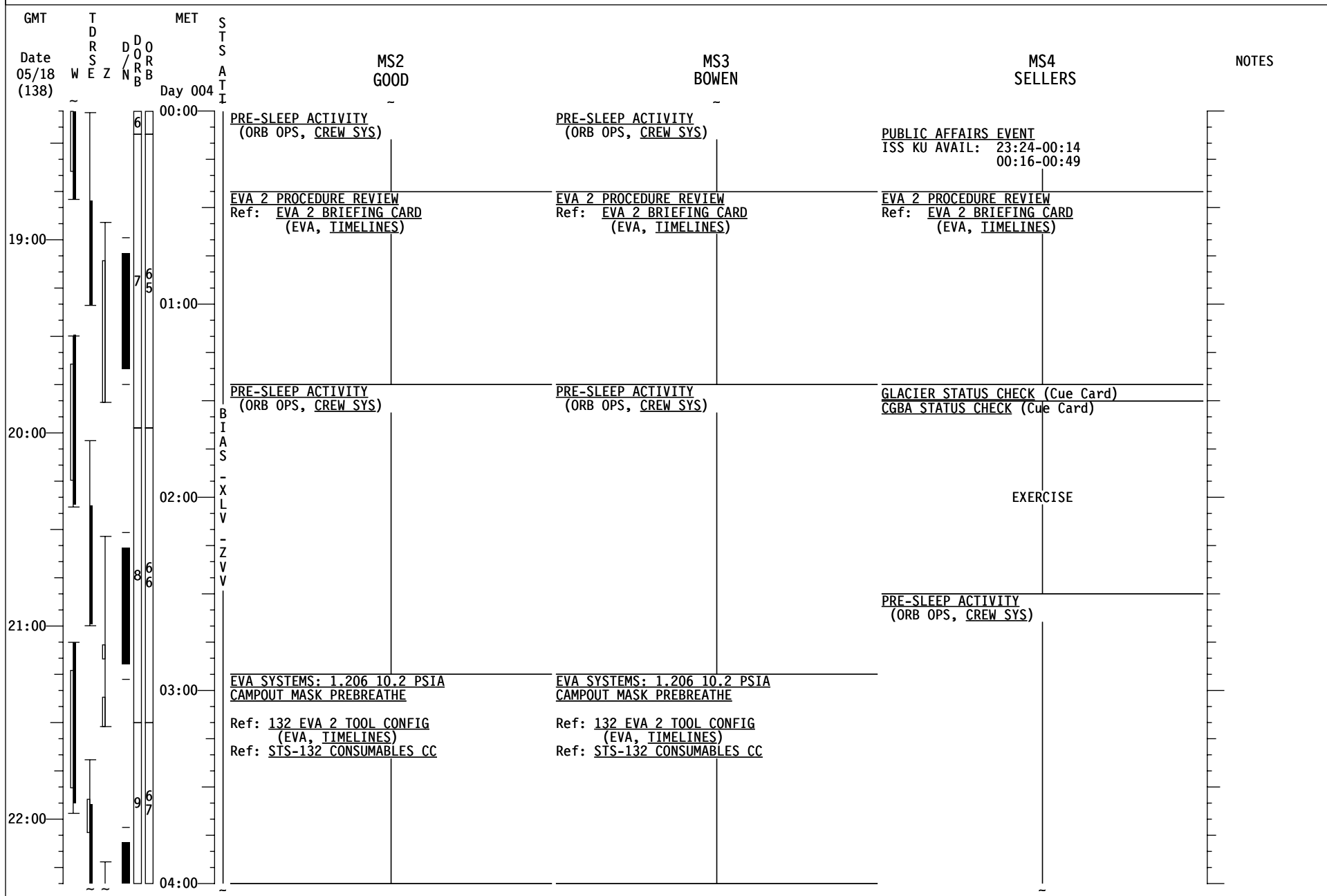
STS-132 FD (05)



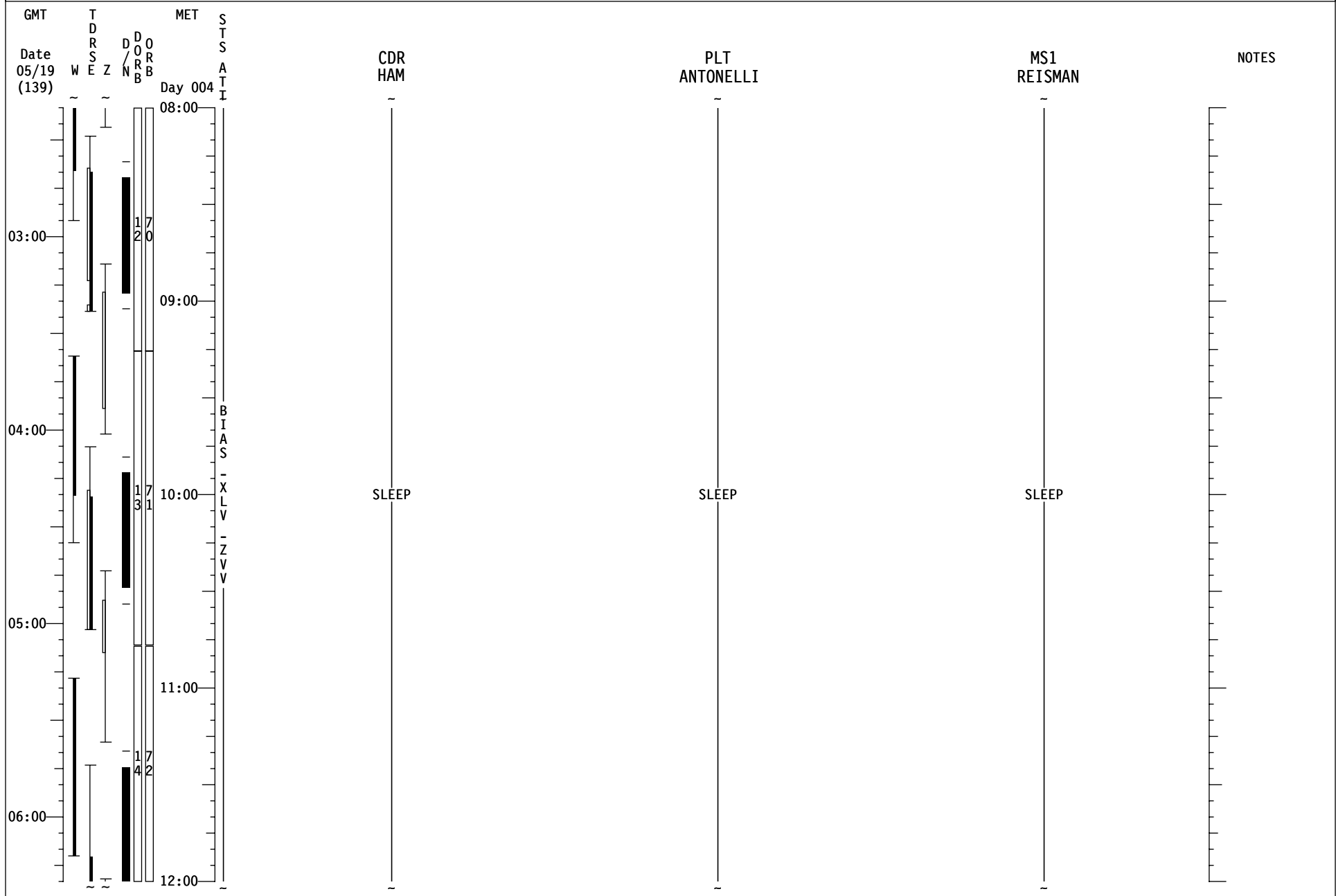
STS-132 FD (05)

GMT	TDRSEZ DORBN	MET	S T A T I	CDR HAM	PLT ANTONELLI	MS1 REISMAN	NOTES
Date 05/18 (138)	W E Z N B	Day 004					
00:00	6			TRANSFER TAGUP Coordinate with transfer counterpart <u>PUBLIC AFFAIRS EVENT</u> ISS KU AVAIL: 23:24-00:14 00:16-00:49	CWC-I FILL (ORB OPS, <u>ECLS</u>) Fill CWC-I #10, Perform Parts D,E & F Ref. MSG XXX CWC-I TRANSFER Transfer 2 CWC-I to ISS	EXERCISE	
19:00	7			EVA 2 PROCEDURE REVIEW Ref: <u>EVA 2 BRIEFING CARD</u> (EVA, <u>TIMELINES</u>)	EVA 2 PROCEDURE REVIEW Ref: <u>EVA 2 BRIEFING CARD</u> (EVA, <u>TIMELINES</u>)	EVA 2 PROCEDURE REVIEW Ref: <u>EVA 2 BRIEFING CARD</u> (EVA, <u>TIMELINES</u>)	
01:00	5						
20:00				PRE-SLEEP ACTIVITY (ORB OPS, <u>CREW SYS</u>) TRANSFER BRIEF Call down status to MCC	P/TV06 ROBOTICS OPERATIONS [C] PRE-SLEEP ACTIVITY (ORB OPS, <u>CREW SYS</u>)	ILLUMINATOR OPS (CUE CARD, IV) ILLUM ON - A,D PRE-SLEEP ACTIVITY (ORB OPS, <u>CREW SYS</u>)	
02:00				PRE-SLEEP ACTIVITY (ORB OPS, <u>CREW SYS</u>) Air Quality Report	[C] KEEL 2 PWR(ICC) - OFF √2 ILL PWR(ICC) - ON		
21:00	8						
03:00	6			PRIVATE MEDICAL CONFERENCE			
22:00	9			PRE-SLEEP ACTIVITY (ORB OPS, <u>CREW SYS</u>)			
04:00	7						

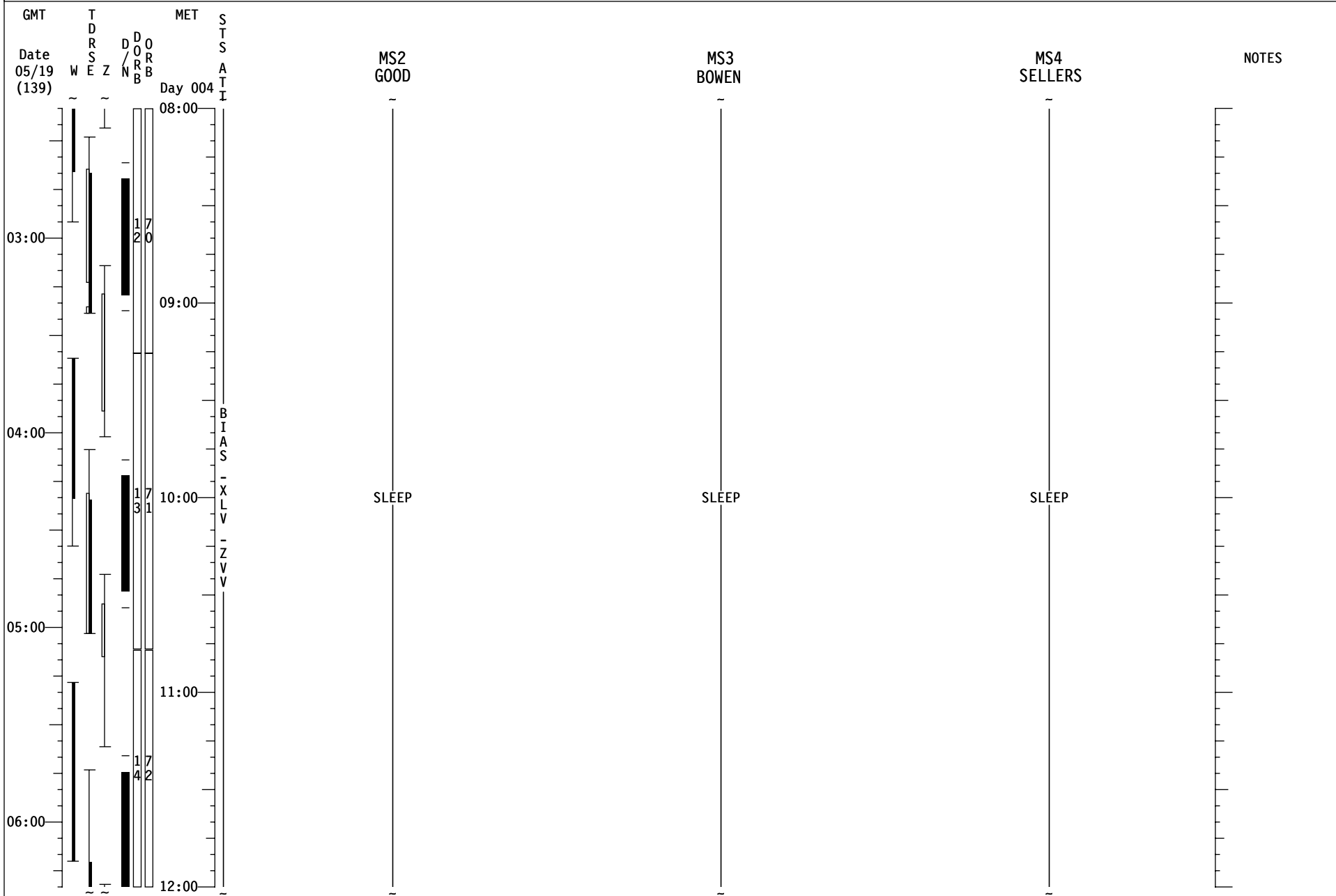
STS-132 FD (05)



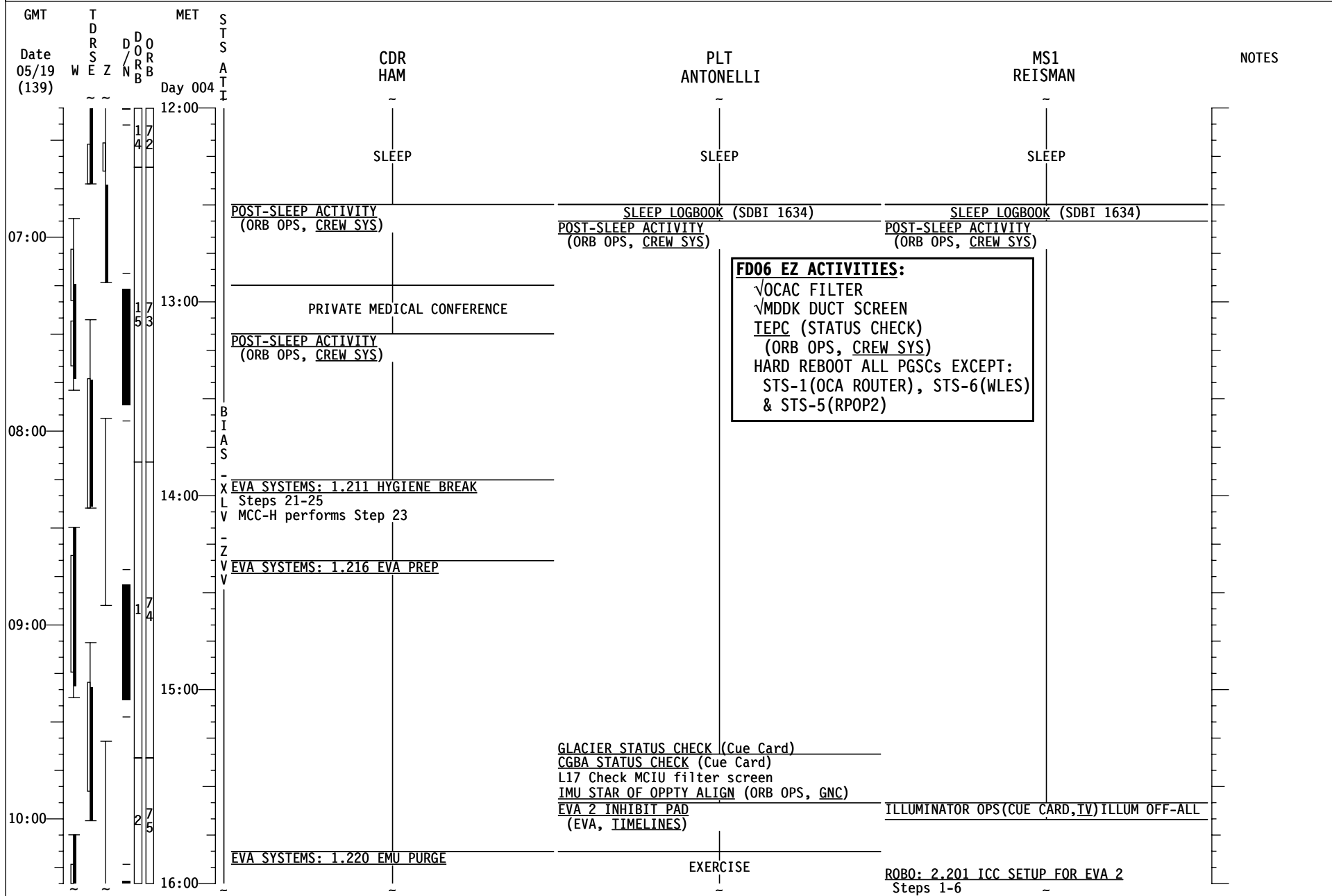
STS-132 FD (05)



STS-132 FD (05)

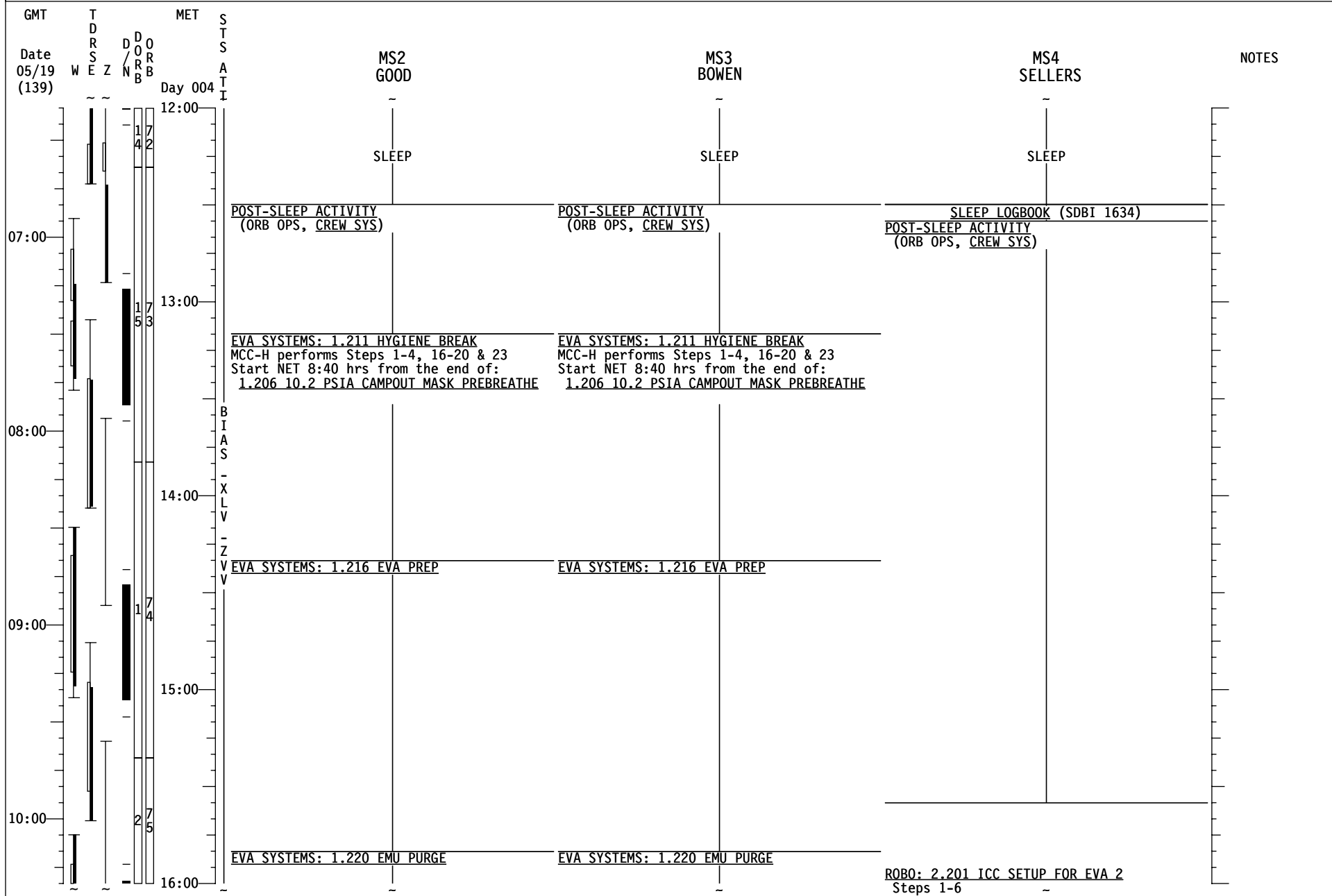


STS-132 FD (06)

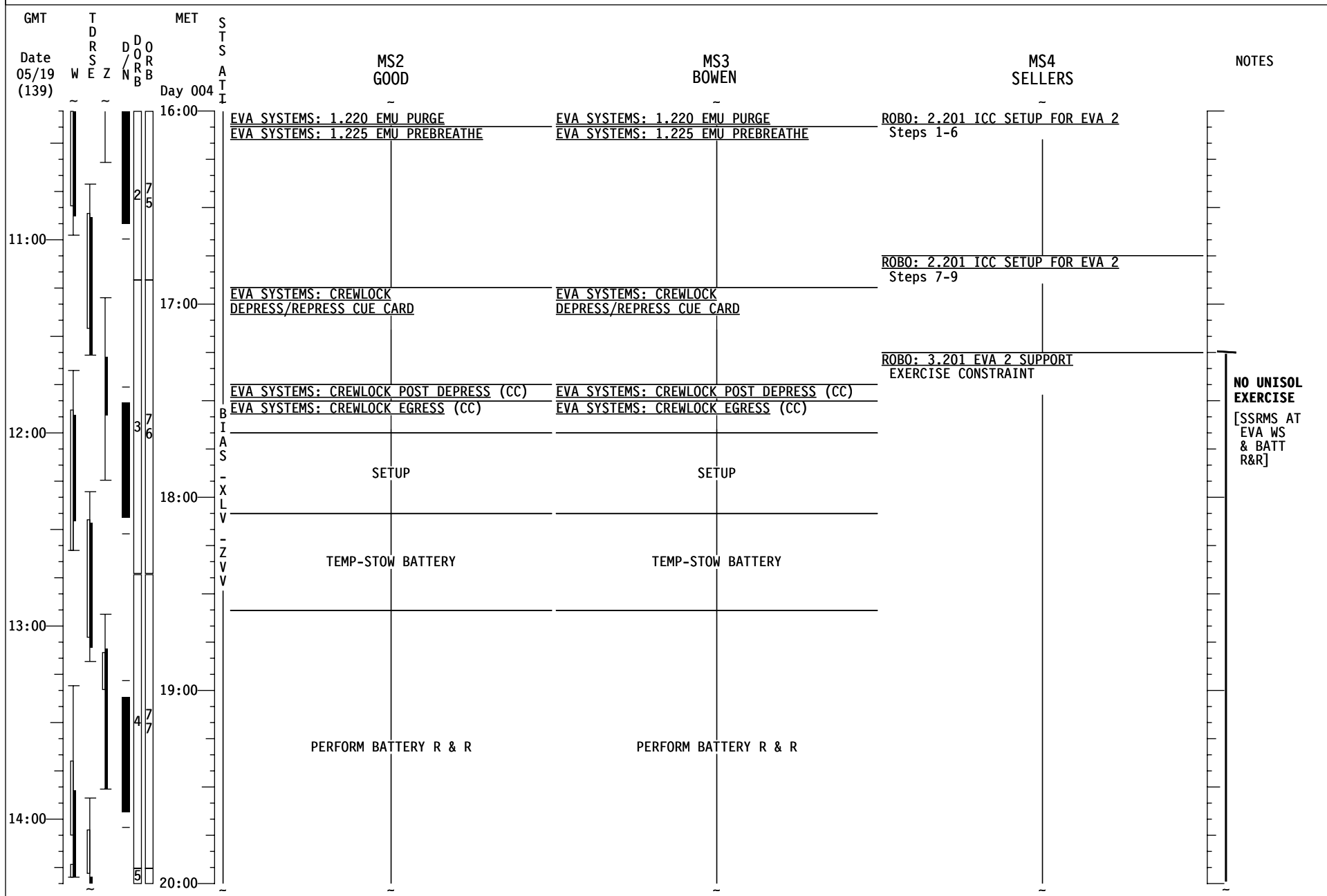


FD06 EZ ACTIVITIES:
 ✓OCAC FILTER
 ✓MDDK DUCT SCREEN
 TEPC (STATUS CHECK)
 (ORB OPS, CREW SYS)
 HARD REBOOT ALL PGSCs EXCEPT:
 STS-1(OCA ROUTER), STS-6(WLES)
 & STS-5(RPOP2)

STS-132 FD (06)



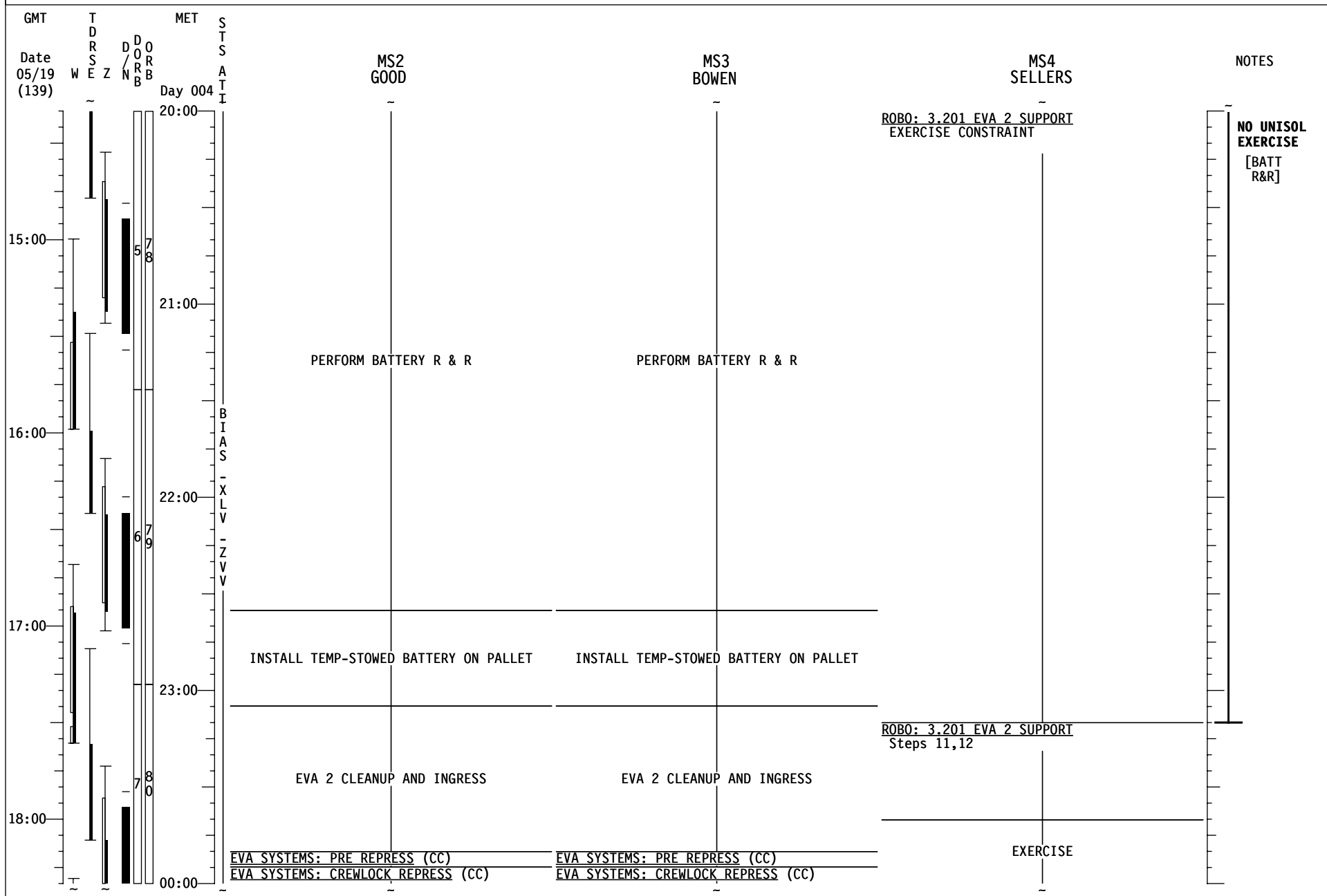
STS-132 FD (06)



STS-132 FD (06)

GMT	TDRS W E Z	MET Day 004	S T S A T I	CDR HAM	PLT ANTONELLI	MS1 REISMAN	NOTES
Date 05/19 (139)	DORNB						
20:00							
							NO UNISOL EXERCISE [BATT R&R]
15:00							
21:00				MEAL			
16:00							
22:00					IVA SUPPORT EVA 2		
17:00							
23:00							
18:00							
00:00							

STS-132 FD (06)



STS-132 FD (06)

GMT	TDRSEZ	MET	SATS	CDR HAM	PLT ANTONELLI	MS1 REISMAN	NOTES
Date 05/19 (139)	W E Z	Day 005	I				
19:00		00:00		<p><u>EVA SYSTEMS: CREWLOCK REPRESS (CC)</u> <u>EVA SYSTEMS: 1.240 POST EVA (With H2O)</u> Steps 37,39 & 68 not req'd MCC will perform Steps 43 & 67</p> <p>Ref: <u>STS-132 CONSUMABLES CC</u></p> <p>In Step 60, temp stow HL Batts for BSA Init</p>	<p><u>SHUTTLE CONDENSATE COLLECTION</u> (ORB OPS, ECLS) Perform <u>CHANGEOUT</u> Ref. MSG XXX, Item X</p> <p><u>TRANSFER OPS</u> Ref. Middeck Transfer List</p>	<p><u>EVA SYSTEMS: CREWLOCK REPRESS (CC)</u> <u>EVA SYSTEMS: 1.240 POST EVA (With H2O)</u> Steps 37,39 & 68 not req'd MCC will perform Steps 43 & 67</p> <p>Ref: <u>STS-132 CONSUMABLES CC</u></p> <p>In Step 60, temp stow HL Batts for BSA Init</p>	
		01:00			<p><u>TRANSFER TAGUP</u> Coordinate with transfer counterpart</p>		
					<p><u>PRE-SLEEP ACTIVITY</u> (ORB OPS, <u>CREW SYS</u>)</p>		
20:00				<p>EVA TAGUP Private Conference</p>	<p>EVA TAGUP Private Conference</p>	<p>EVA TAGUP Private Conference</p>	
				<p><u>PRE-SLEEP ACTIVITY</u> (ORB OPS, <u>CREW SYS</u>) Air Quality Report</p>	<p><u>TRANSFER BRIEF</u> Call down status to MCC</p>	<p><u>PRE-SLEEP ACTIVITY</u> (ORB OPS, <u>CREW SYS</u>)</p>	
		02:00		<p><u>NETMEETING VIDEO CONFERENCING</u> (ORB OPS, <u>OCA</u>) Private Medical Conference Omit steps 1.2 and 3, Use A/G2 for audio, Inform MCC which PGSC will be used</p>	<p><u>PRE-SLEEP ACTIVITY</u> (ORB OPS, <u>CREW SYS</u>)</p>		
21:00							
		03:00					
22:00							
		04:00					
WAKE UP AT 5/12:00							

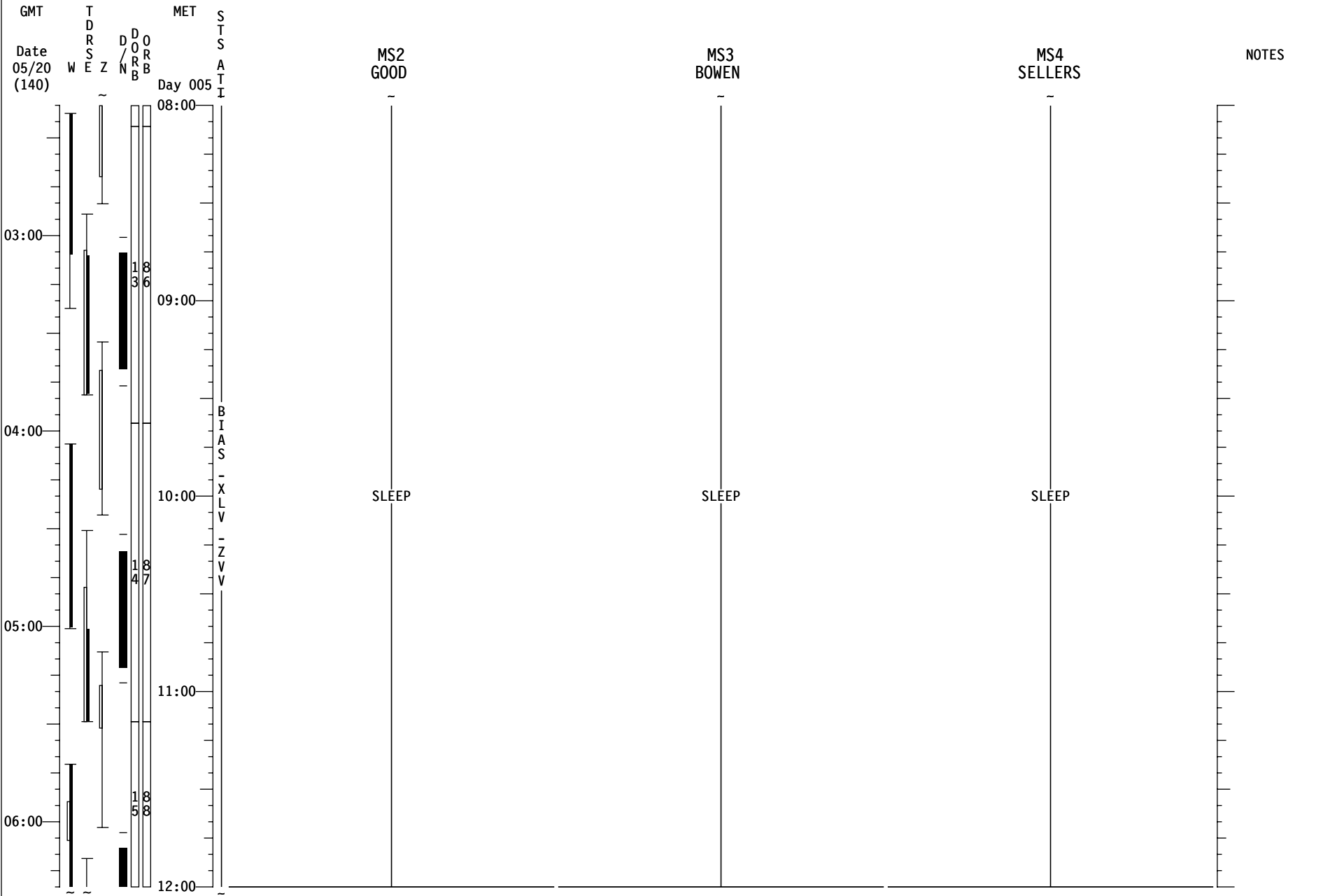
STS-132 FD (06)

GMT	TDRSEZ	MET	SATS	MS2 GOOD	MS3 BOWEN	MS4 SELLERS	NOTES
Date 05/19 (139)	W E Z	Day 005	I				
00:00				<p><u>EVA SYSTEMS: CREWLOCK REPRESS (CC)</u> <u>EVA SYSTEMS: 1.240 POST EVA (With H2O)</u> Steps 37,39 & 68 not req'd MCC will perform Steps 43 & 67</p> <p>Ref: <u>STS-132 CONSUMABLES CC</u></p> <p>In Step 60, temp stow HL Batts for BSA Init</p>	<p><u>EVA SYSTEMS: CREWLOCK REPRESS (CC)</u> <u>EVA SYSTEMS: 1.240 POST EVA (With H2O)</u> Steps 37,39 & 68 not req'd MCC will perform Steps 43 & 67</p> <p>Ref: <u>STS-132 CONSUMABLES CC</u></p> <p>In Step 60, temp stow HL Batts for BSA Init</p>		
19:00						EXERCISE	
01:00							<p><u>GLACIER STATUS CHECK (Cue Card)</u> <u>CGBA STATUS CHECK (Cue Card)</u> <u>GLACIER INITIAL POWER ON (ASSY OPS, PAYLOADS)</u> <u>PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)</u></p>
20:00				EVA TAGUP Private Conference	EVA TAGUP Private Conference	EVA TAGUP Private Conference	
02:00				<u>PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)</u>	<u>PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)</u>	<u>PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)</u>	
21:00							
22:00							
04:00							WAKE UP AT 5/12:00

STS-132 FD (06)

GMT	T D R S E Z	MET	S T S	CDR	PLT	MS1	NOTES
Date 05/19 (139)	W N B	Day 005	A T I	HAM	ANTONELLI	REISMAN	
23:00	1803						
00:00	1814						
01:00	1825						
02:00							
04:00							
05:00							
06:00				SLEEP	SLEEP	SLEEP	
07:00							
08:00							

STS-132 FD (06)



STS-132 FD (07)

GMT	TDRS W E Z	MET Day 005	STS A T I	CDR HAM	PLT ANTONELLI	MS1 REISMAN	NOTES
Date 05/20 (140)	DORNB DORNB	16:00	DUMP	EXERCISE			
11:00							
12:00							
13:00							
14:00							
20:00							

N2 REPRESS INIT [D]
TRANSFER OPS
Ref. Middeck Transfer List

EMU SWAP FOR EVA 3
(EVA, AIRLOCK CONFIG)

[D] N2 REPRESS USING P/L N2 VLVS
(ORB OPS, ECLS)
Perform Steps 2-7
MCC will TMBU S/W FDA. H/W already INH.

EVA SYSTEMS: 1.515 EMU METOX/LIOH/BATTERY REPLACEMENT Gather LiOH canisters from XXX, Install in EMUs. Report to MCC-H LiOH S/N in which EMUs
Ref: STS-132 CONSUMABLES CC

132 EVA 3 TOOL CONFIG
(EVA, TIMELINES)

MNVR (TRK) BIAS -XLV -ZVV
TG=2 BV=5 P=163.20 Y=358.65 OM=173.37
A12/AUTO/VERN Init TRK

When ISS is GO for deadband collapse,
DAP: B13

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

NO EXERCISE
[DEADBAND COLLAPSE]

H/O ATTITUDE CONTROL ORBITER TO MM [E]
TRANSFER OPS
Ref. Middeck Transfer List

[E] When ISS is GO for attitude cntrl, DAP:FREE
DAP A12/FREE/VERN
Reload DAP B12

132 EVA 3 TOOL CONFIG
(EVA, TIMELINES)

[F] N2 REPRESS USING P/L N2 VLVS
(ORB OPS, ECLS)
Perform Steps 8-12,14
MCC will TMBU S/W FDA. Do not ENA H/W.

N2 REPRESS TERM (On MCC GO) [F]

EVA SYSTEMS: 1.305 EQUIPMENT LOCK PREP

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

PUBLIC AFFAIRS EVENT
ISS KU AVAIL: 18:27-19:09

PUBLIC AFFAIRS EVENT
ISS KU AVAIL: 18:27-19:09

MEAL

MEAL

MEAL

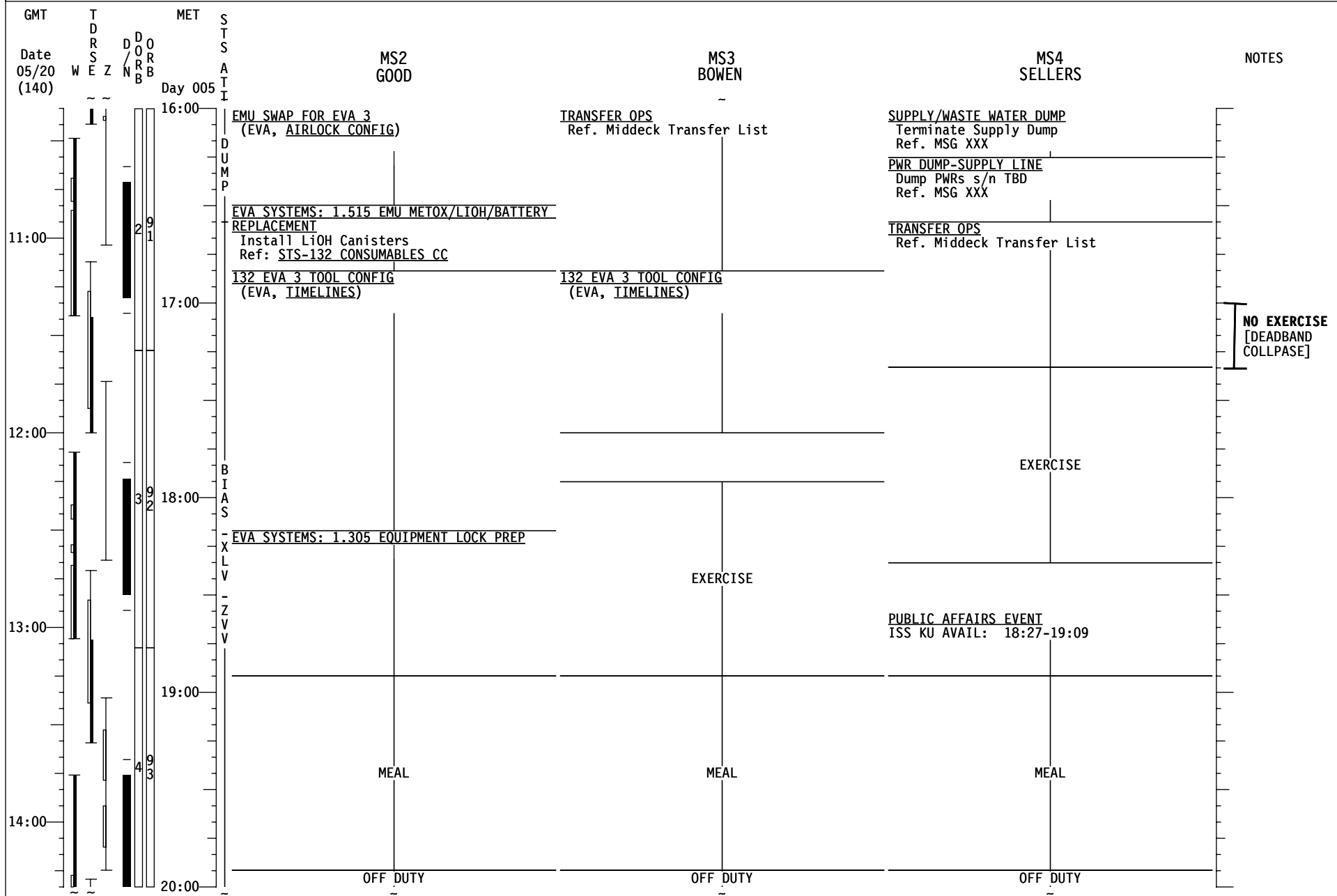
[G] Omit steps 1.2 and 3
Use A/G2 for Audio
Inform MCC of which PGSC will be used

NETMEETING VIDEO CONFERENCING (ORB OPS, PGSC)
PFC, KU TDRW (19:57-20:14) [G]

OFF DUTY

OFF DUTY

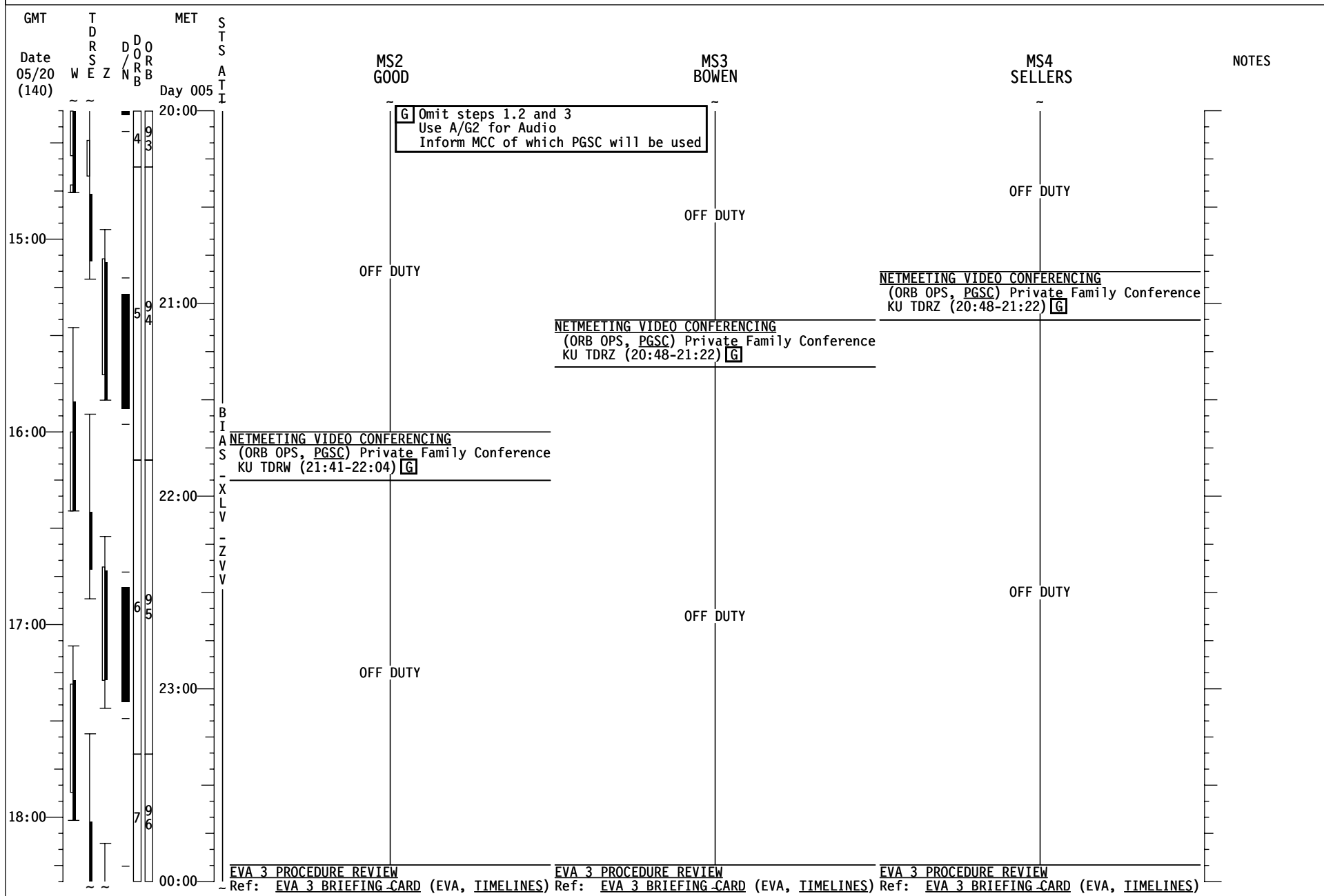
STS-132 FD (07)



STS-132 FD (07)

GMT	TDRS W E Z	MET Day 005	S A T I	CDR HAM	PLT ANTONELLI	MS1 REISMAN	NOTES
Date 05/20 (140)	D O R B 4 3	20:00	S T S	NETMEETING VIDEO CONFERENCING (ORB OPS, PGSC) PFC, KU TDRW (19:57-20:14) [G]			
				[G] Omit steps 1.2 and 3 Use A/G2 for Audio Inform MCC of which PGSC will be used			
15:00		21:00				OFF DUTY	
16:00		22:00		OFF DUTY	OFF DUTY		
17:00		23:00					
18:00							
00:00				EVA 3 PROCEDURE REVIEW Ref: EVA 3 BRIEFING CARD (EVA, TIMELINES)	EVA 3 PROCEDURE REVIEW Ref: EVA 3 BRIEFING CARD (EVA, TIMELINES)	EVA 3 PROCEDURE REVIEW Ref: EVA 3 BRIEFING CARD (EVA, TIMELINES)	

STS-132 FD (07)



STS-132 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	MS2 GOOD	MS3 BOWEN	MS4 SELLERS	NOTES
Date 05/20 (140)								
19:00					EVA 3 PROCEDURE REVIEW Ref: <u>EVA 3 BRIEFING CARD</u> (EVA, TIMELINES)	EVA 3 PROCEDURE REVIEW Ref: <u>EVA 3 BRIEFING CARD</u> (EVA, TIMELINES)	EVA 3 PROCEDURE REVIEW Ref: <u>EVA 3 BRIEFING CARD</u> (EVA, TIMELINES)	
20:00					PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	GLACIER STATUS CHECK (Cue Card) CGBA STATUS CHECK (Cue Card) GLACIER SET POINT CONTROL MODE (ASSY OPS, PAYLOADS) GLACIER CONFIG FOR DESCENT (ASSY OPS, P/L) PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
21:00					EVA SYSTEMS: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE Ref: <u>132 EVA3 TOOL CONFIG</u> (EVA, TIMELINES) Ref: <u>STS-132 CONSUMABLES CC</u>			
22:00					PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)			
04:00					WAKE UP AT 6/12:00			

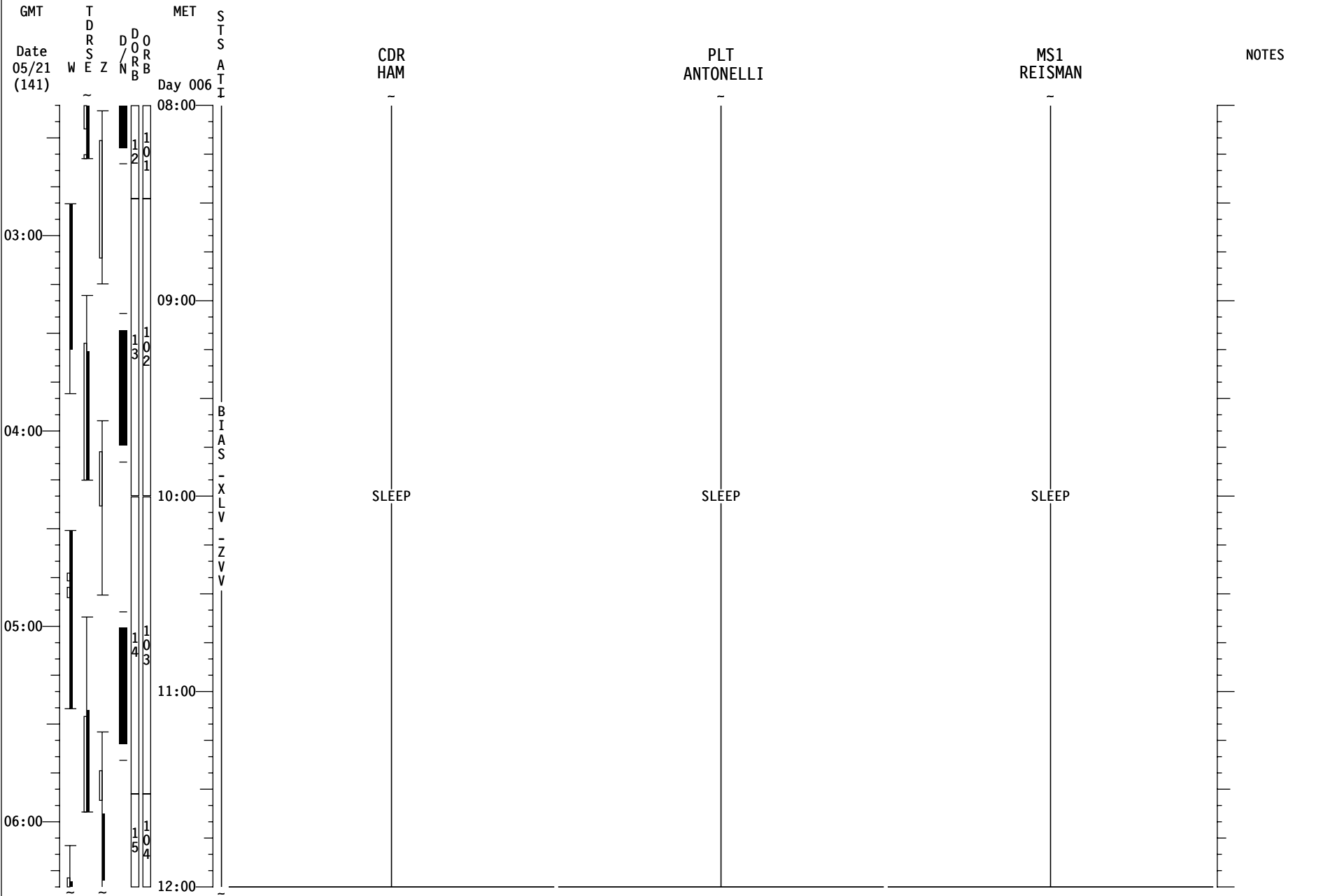
STS-132 FD (07)

GMT	TDRS WSEZ	MET Day 006	S T S A T I	CDR HAM	PLT ANTONELLI	MS1 REISMAN	NOTES
Date 05/20 (140)	D O R B N	04:00	19 09				
23:00		05:00					
00:00		06:00	10 10	SLEEP	SLEEP	SLEEP	
01:00		07:00	11 21				
02:00		08:00	12 01				

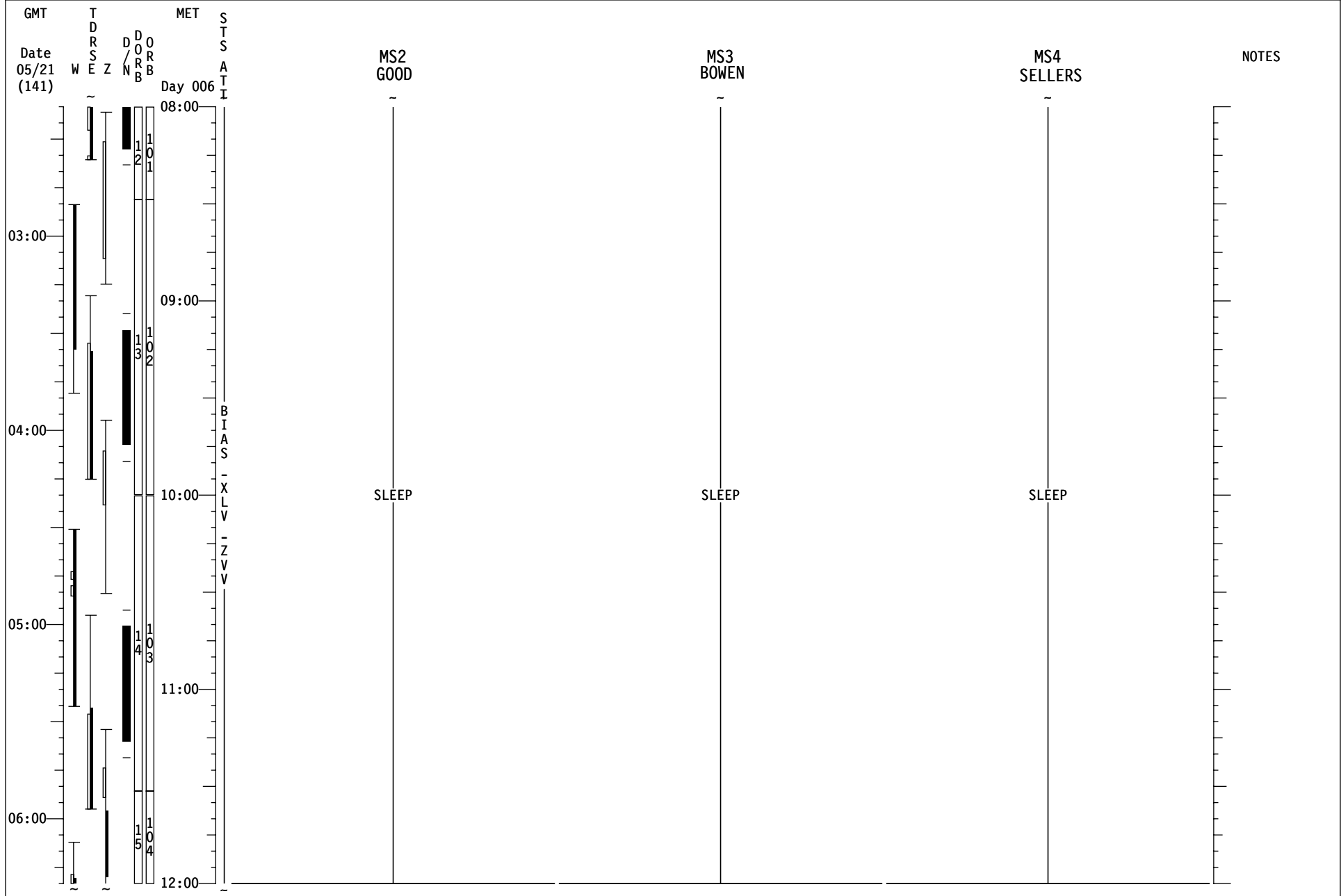
STS-132 FD (07)

GMT	TDRS W E Z	MET	STS A T I	MS2	MS3	MS4	NOTES
Date 05/20 (140)	DORNB DORNB	Day 006		GOOD	BOWEN	SELLERS	
23:00		04:00					
00:00		05:00					
01:00		06:00	B I A S - X L V - Z V V	SLEEP	SLEEP	SLEEP	
02:00		07:00					
08:00		08:00					

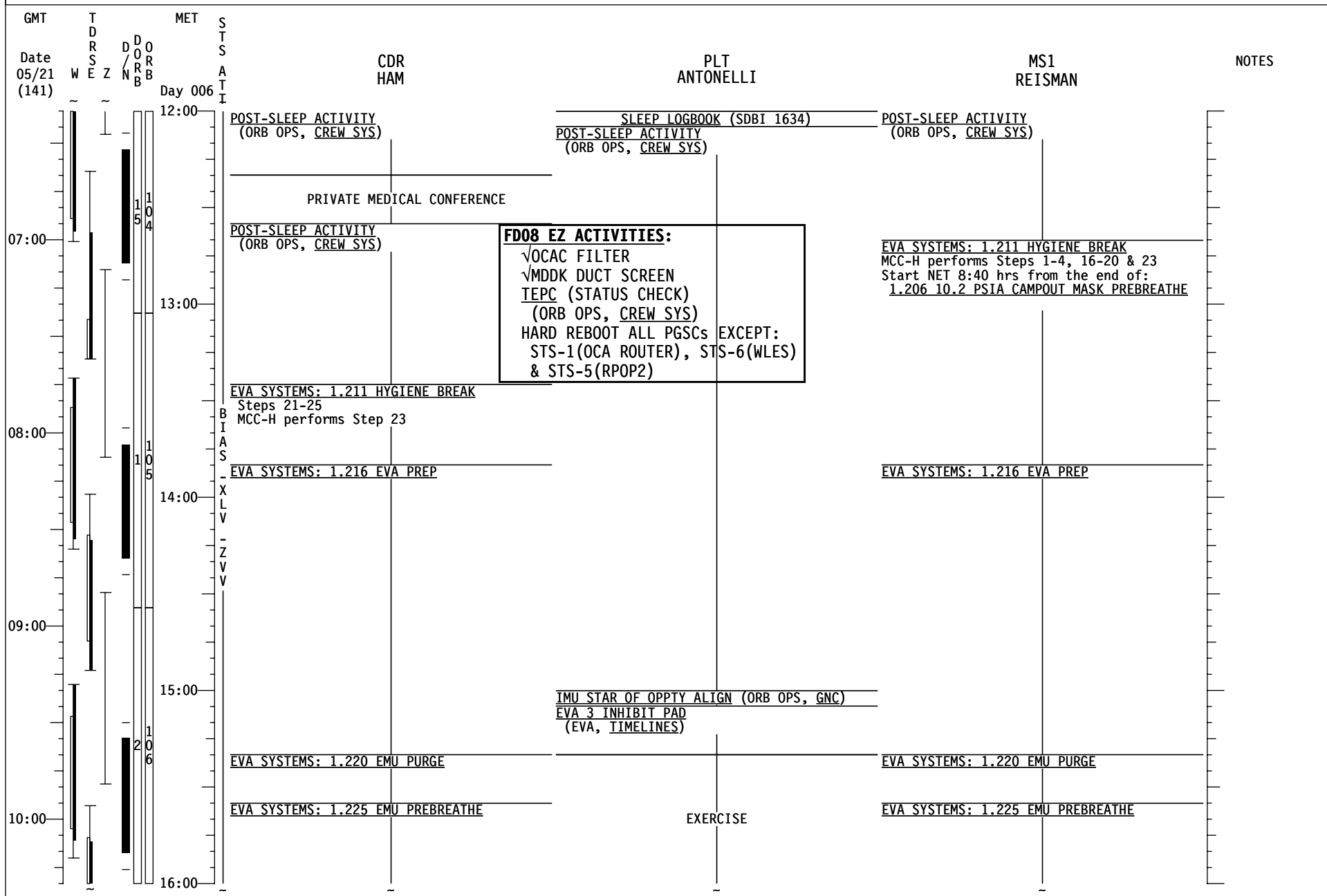
STS-132 FD (07)



STS-132 FD (07)



STS-132 FD (08)



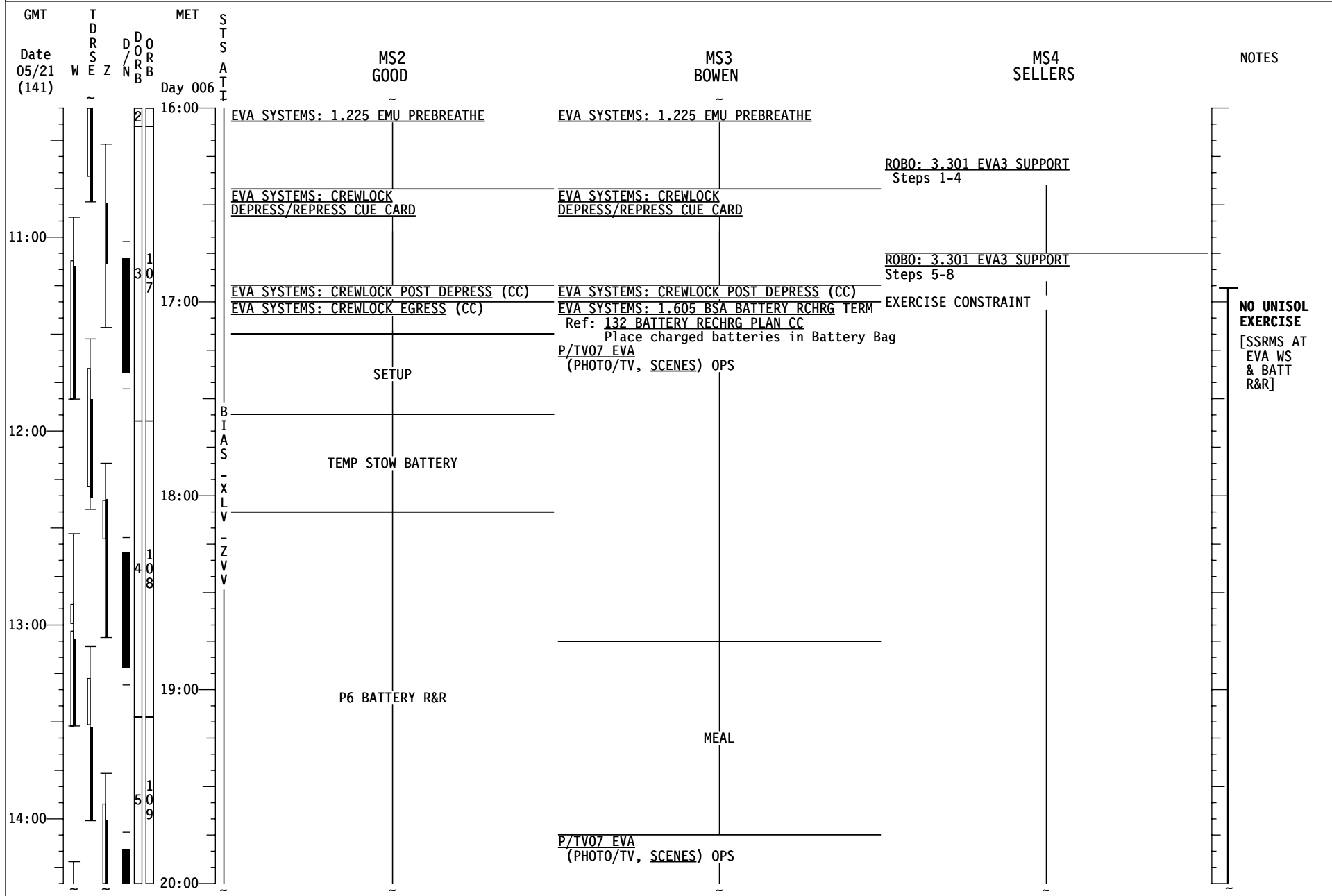
STS-132 FD (08)

GMT	TDRSEZ	MET	SATS	MS2	MS3	MS4	NOTES
Date 05/21 (141)	W E Z	Day 006	1	GOOD	BOWEN	SELLERS	
	DORBN						
12:00				POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	SLEEP LOGBOOK (SDBI 1634) POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	SLEEP LOGBOOK (SDBI 1634) POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
07:00				EVA SYSTEMS: 1.211 HYGIENE BREAK MCC-H performs Steps 1-4, 16-20 & 23 Start NET 8:40 hrs from the end of: 1.206 10.2 PSIA CAMPOUT MASK PREBREATHE			
					EVA SYSTEMS: 1.211 HYGIENE BREAK Steps 21-25 MCC-H performs Step 23		
08:00				EVA SYSTEMS: 1.216 EVA PREP	EVA SYSTEMS: 1.216 EVA PREP		
09:00							
10:00				EVA SYSTEMS: 1.220 EMU PURGE	EVA SYSTEMS: 1.220 EMU PURGE	EXERCISE	
				EVA SYSTEMS: 1.225 EMU PREBREATHE	EVA SYSTEMS: 1.225 EMU PREBREATHE		
16:00						GLACIER STATUS CHECK (Cue Card) CGBA STATUS CHECK (Cue Card)	

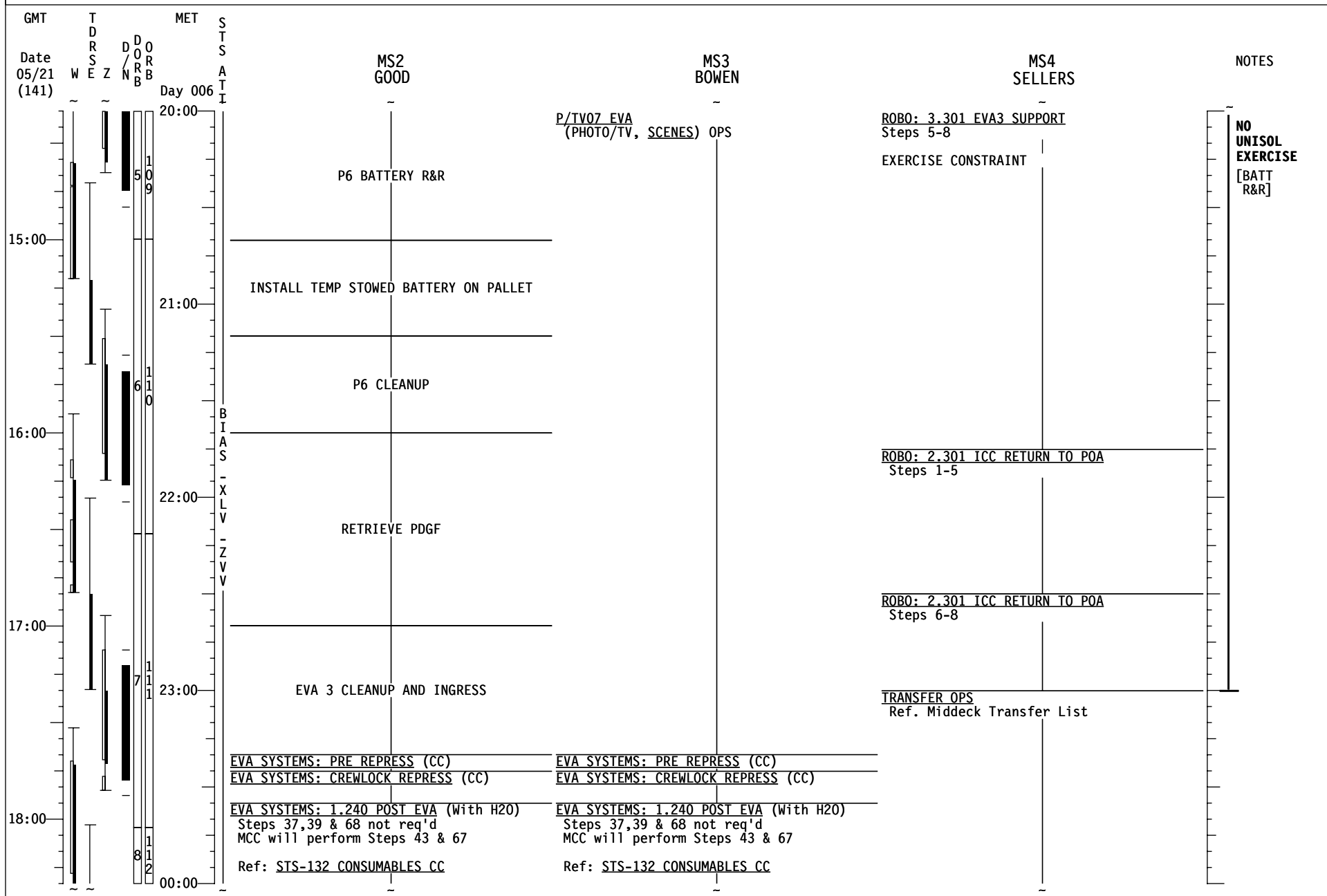
STS-132 FD (08)

GMT	TDRSEZ W E Z	MET Day 006	S T S A T I	CDR HAM	PLT ANTONELLI	MS1 REISMAN	NOTES		
Date 05/21 (141) 11:00 12:00 13:00 14:00 20:00	DORNB 2 3 4 5 9	16:00		EVA SYSTEMS: 1.225 EMU PREBREATHE	EXERCISE	EVA SYSTEMS: 1.225 EMU PREBREATHE			
					DAILY TRANSFER LIST UPDATE Ref. Transfer List & MSG XXX		EVA SYSTEMS: CREWLOCK DEPRESS/REPRESS CUE CARD		
						P/TV07 EVA (PHOTO/TV, SCENES) SETUP		EVA SYSTEMS: CREWLOCK DEPRESS/REPRESS CUE CARD	
				17:00		EVA SYSTEMS: CREWLOCK POST DEPRESS (CC) PWR FILL (ORB OPS, ECLS) Perform WATER FILL #1 Fill S/N TBD, Ref. MSG XXX		EVA SYSTEMS: CREWLOCK POST DEPRESS (CC) EVA SYSTEMS: CREWLOCK EGRESS (CC)	NO UNISOL EXERCISE [SSRMS AT EVA WS & BATT R&R]
						PWR FILL (ORB OPS, ECLS) Perform WATER FILL #2 Fill S/N TBD, Ref. MSG XXX		SETUP	
						PWR FILL (ORB OPS, ECLS) Perform WATER FILL #3 Fill S/N TBD, Ref. MSG XXX		TEMP STOW BATTERY	
				18:00		PWR TRANSFER Transfer 3 PWRs to ISS	IVA SUPPORT EVA 3		
						A N2 REPRESS USING P/L N2 VLVS (ORB OPS, ECLS) Perform Steps 2-7 MCC will TMBU S/W FDA. H/W already INH.		P6 BATTERY R&R	
						N2 REPRESS INIT A			
						SHUTTLE/ISS H2O CNTR FILL (ORB OPS, ECLS) Init Fill #5 Ref. MSG XXX			
				MEAL					
		20:00							

STS-132 FD (08)



STS-132 FD (08)

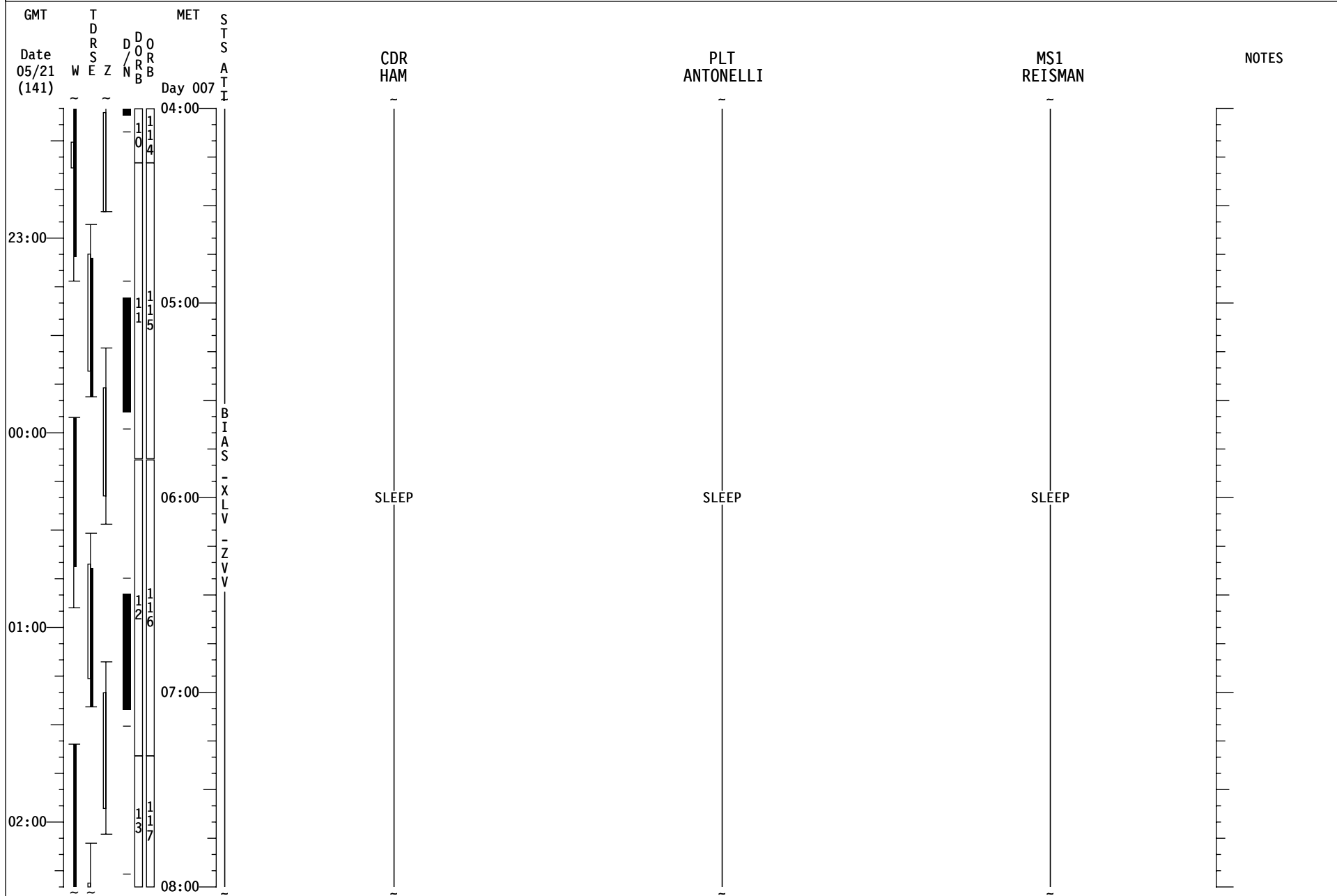


STS-132 FD (08)

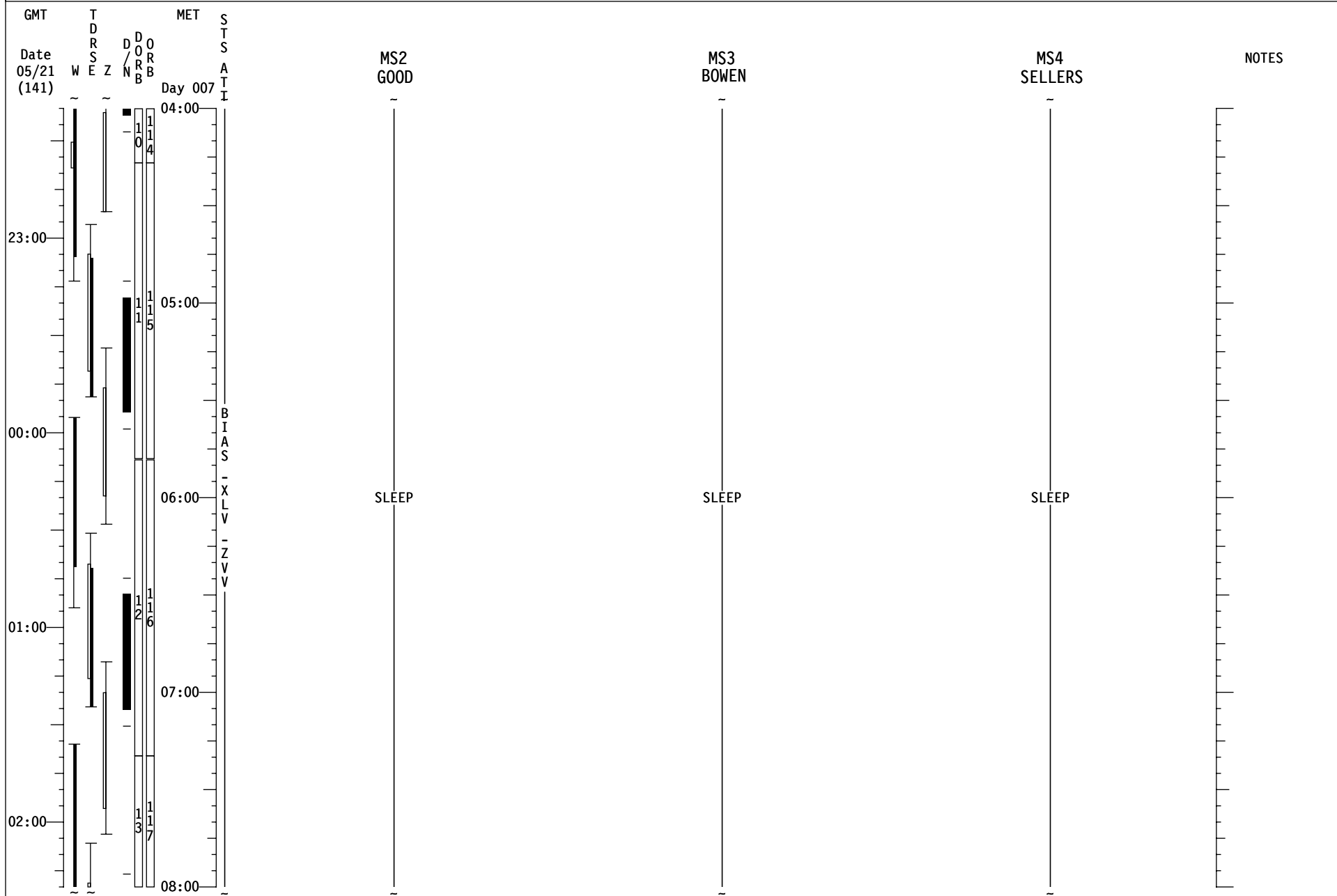
GMT	TDRS W E Z	MET Day 007	S T S A T I	MS2 GOOD	MS3 BOWEN	MS4 SELLERS	NOTES
Date 05/21 (141)							
				<p>EVA SYSTEMS: 1.240 POST EVA (With H20) Steps 37,39 & 68 not req'd MCC will perform Steps 43 & 67</p> <p>Ref: <u>STS-132 CONSUMABLES CC</u></p>	<p>EVA SYSTEMS: 1.240 POST EVA (With H20) Steps 37,39 & 68 not req'd MCC will perform Steps 43 & 67</p> <p>Ref: <u>STS-132 CONSUMABLES CC</u></p>	<p>TRANSFER OPS Ref. Middeck Transfer List</p> <p>GLACIER STATUS CHECK (Cue Card) CGBA STATUS CHECK (Cue Card) PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)</p>	
19:00							
				<p>PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)</p>	<p>PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)</p>		
20:00							
21:00							
22:00				SLEEP	SLEEP	SLEEP	
04:00							

WAKE UP AT 7/11:30

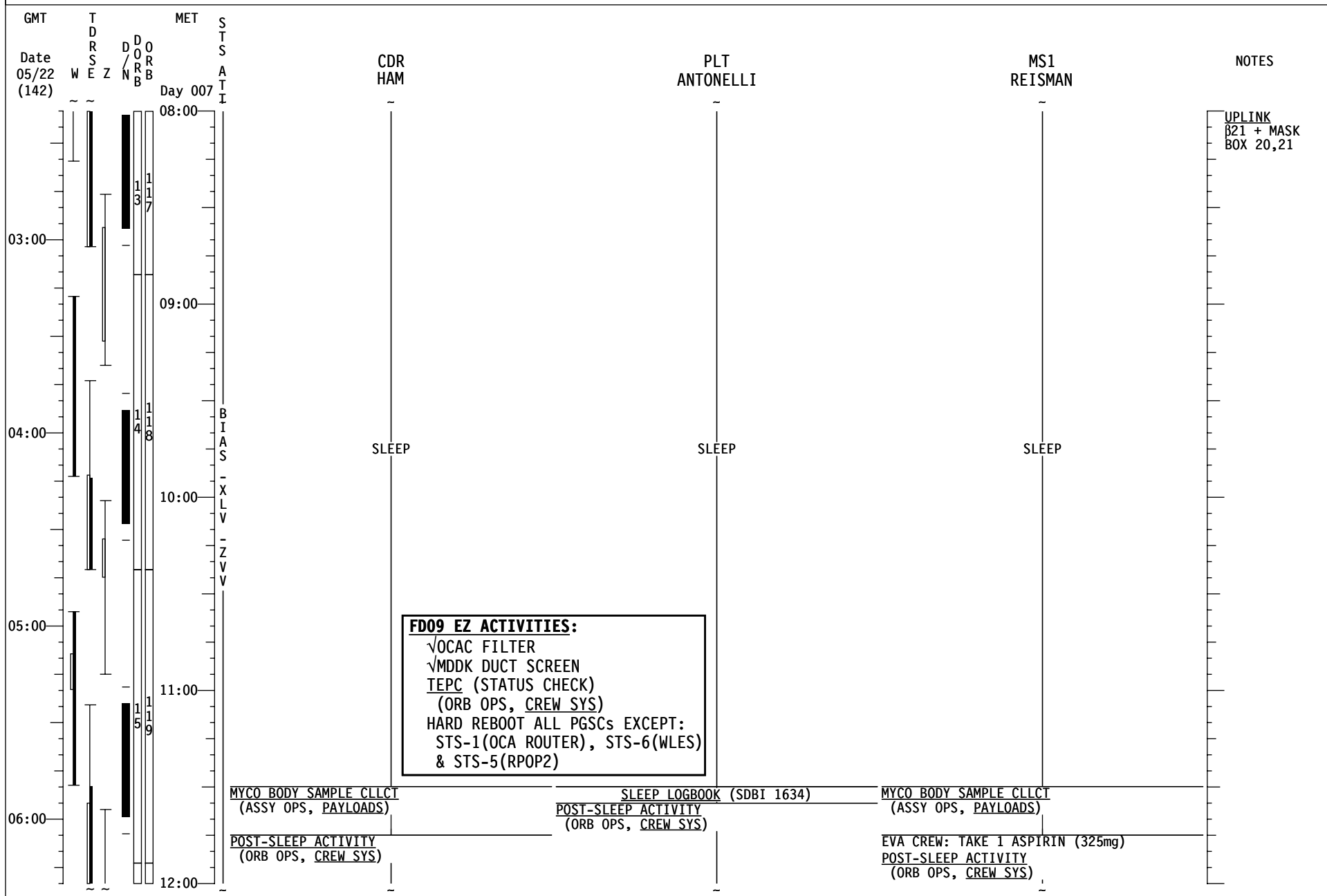
STS-132 FD (08)



STS-132 FD (08)



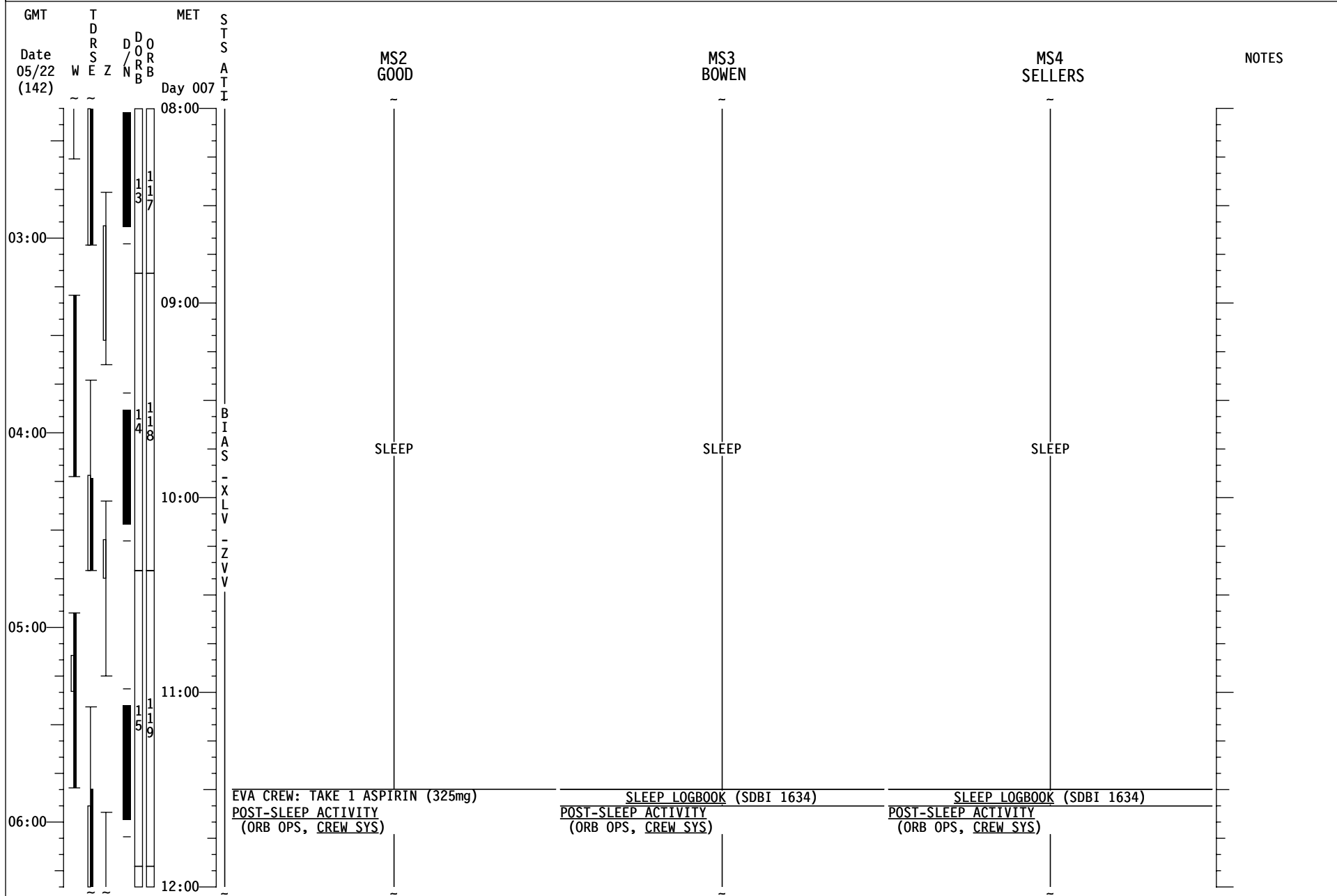
STS-132 FD (08)



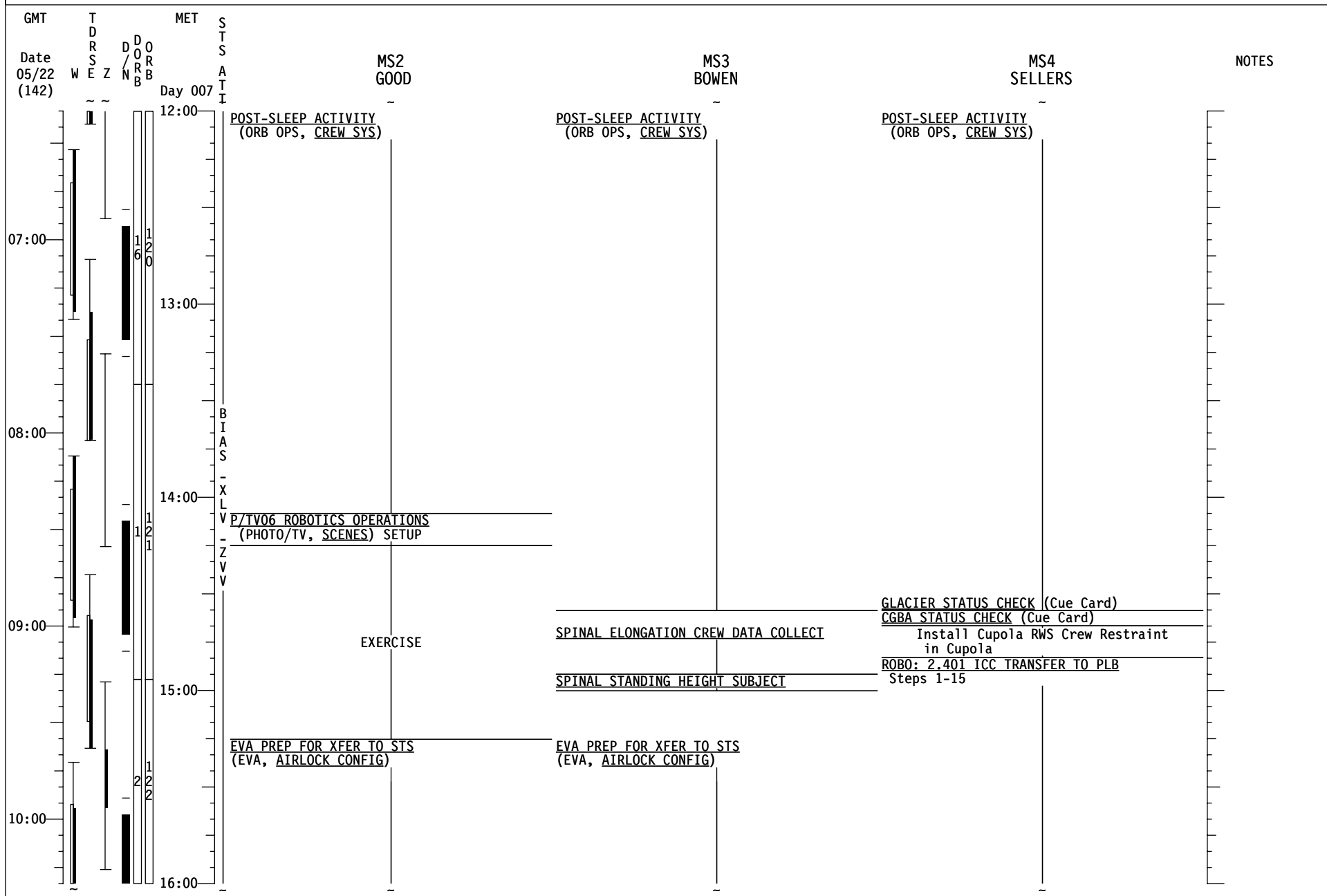
FD09 EZ ACTIVITIES:

- √OCAC FILTER
- √MDDK DUCT SCREEN
- TEPC (STATUS CHECK)
- (ORB OPS, CREW SYS)
- HARD REBOOT ALL PGSCs EXCEPT:
- STS-1(OCA ROUTER), STS-6(WLES)
- & STS-5(RPOP2)

STS-132 FD (08)



STS-132 FD (09)

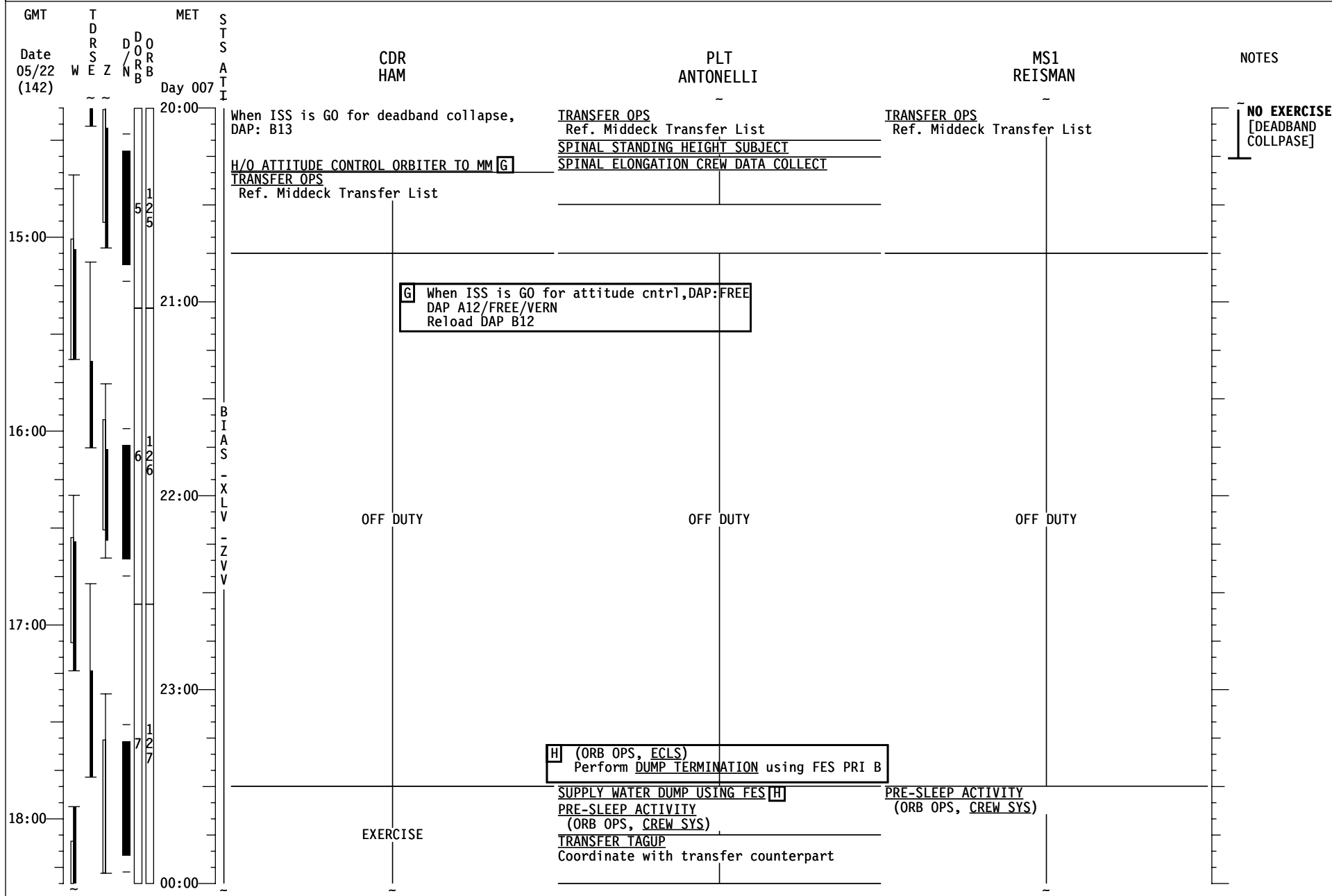


STS-132 FD (09)

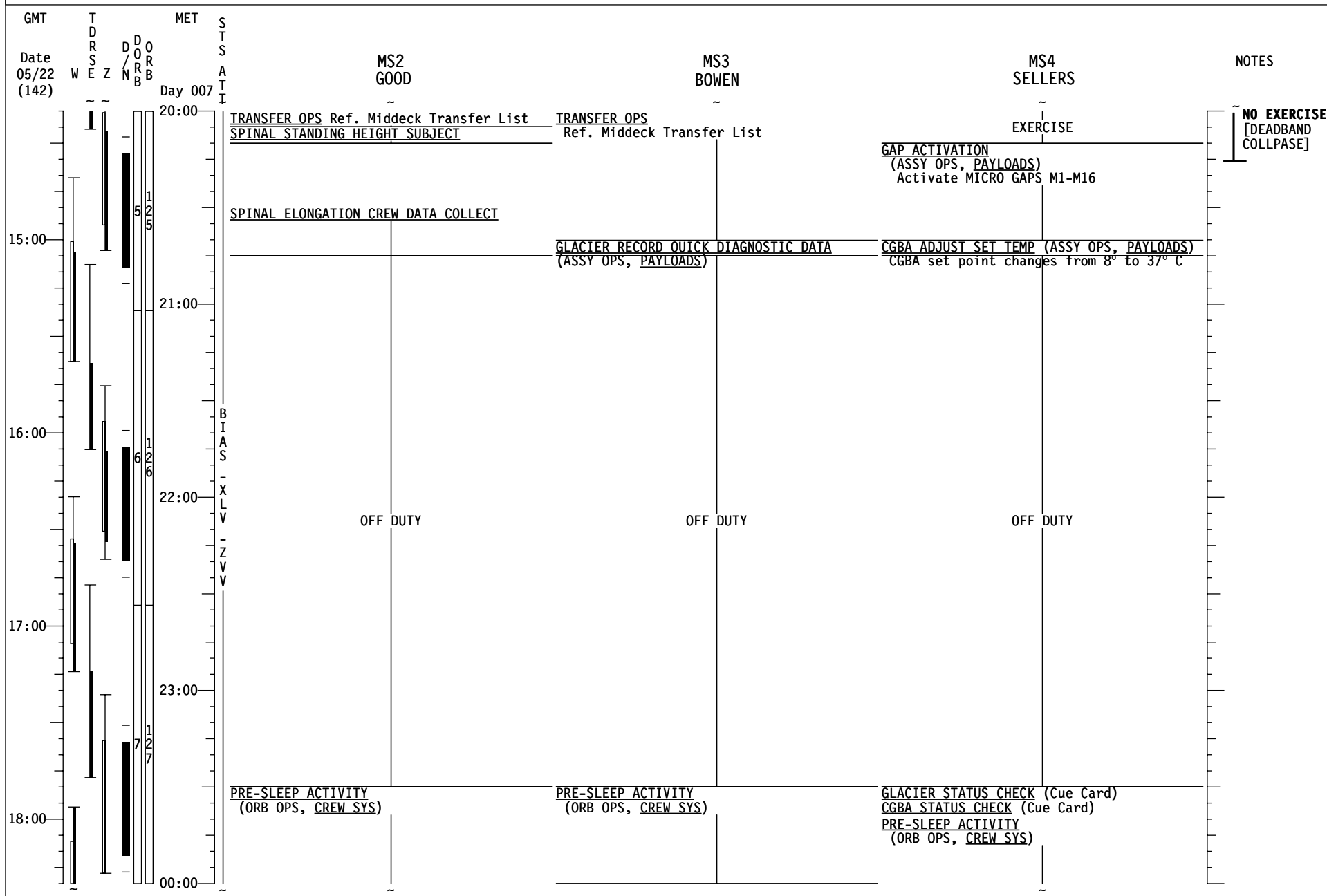
GMT	TDRSEZ	MET	S	MS2	MS3	MS4	NOTES
Date 05/22 (142)	W E Z	Day 007	ST A T I	GOOD	BOWEN	SELLERS	
16:00				EVA PREP FOR XFER TO STS (EVA, AIRLOCK CONFIG)	EVA PREP FOR XFER TO STS (EVA, AIRLOCK CONFIG)	ROBO: 2.401 ICC TRANSFER TO PLB Steps 1-15	
						ROBO: 2.401 ICC TRANSFER TO PLB Step 16	
11:00				EVA TRANSFER TO STS (EVA, AIRLOCK CONFIG)	EVA TRANSFER TO STS (EVA, AIRLOCK CONFIG)	Remove Cupola RWS Crew Restraint from Cupola, release levers (two) SPINAL ELONGATION CREW DATA COLLECT	
					E KEEL 2 PWR(ICC) - OFF √2 ILL PWR(ICC) - ON	SPINAL STANDING HEIGHT SUBJECT	
				P/TVO6 ROBOTICS OPERATIONS PUBLIC AFFAIRS EVENT ISS KU AVAIL: 16:59-17:38	PUBLIC AFFAIRS EVENT ISS KU AVAIL: 16:59-17:38	PUBLIC AFFAIRS EVENT ISS KU AVAIL: 16:59-17:38	
12:00							
				MEAL	MEAL	MEAL	
					F DESCENT SAMPLE TRANSFER FROM MELFI TO GLACIER (ASSY OPS, PAYLOADS) Ref. MSG XXX		
13:00				P/TVO9 GLACIER (PHOTO/TV, SCENES) Setup	GLACIER RECORD QUICK DIAGNOSTIC DATA (ASSY OPS, PAYLOADS) SAMPLE TRANSFER REVIEW (ONLY): F	TRANSFER OPS Ref. Middeck Transfer List	
				P/TVO9 GLACIER (PHOTO/TV, SCENES) Ops	DESCENT SAMPLE TRANSFER FROM MELFI TO GLACIER (ASSY OPS, PAYLOADS) Ref. MSG XXX		
14:00				TRANSFER OPS Ref. Middeck Transfer List	TRANSFER OPS Ref. Middeck Transfer List	EXERCISE	
20:00							

NO EXERCISE
[DEADBAND
COLLPASE]

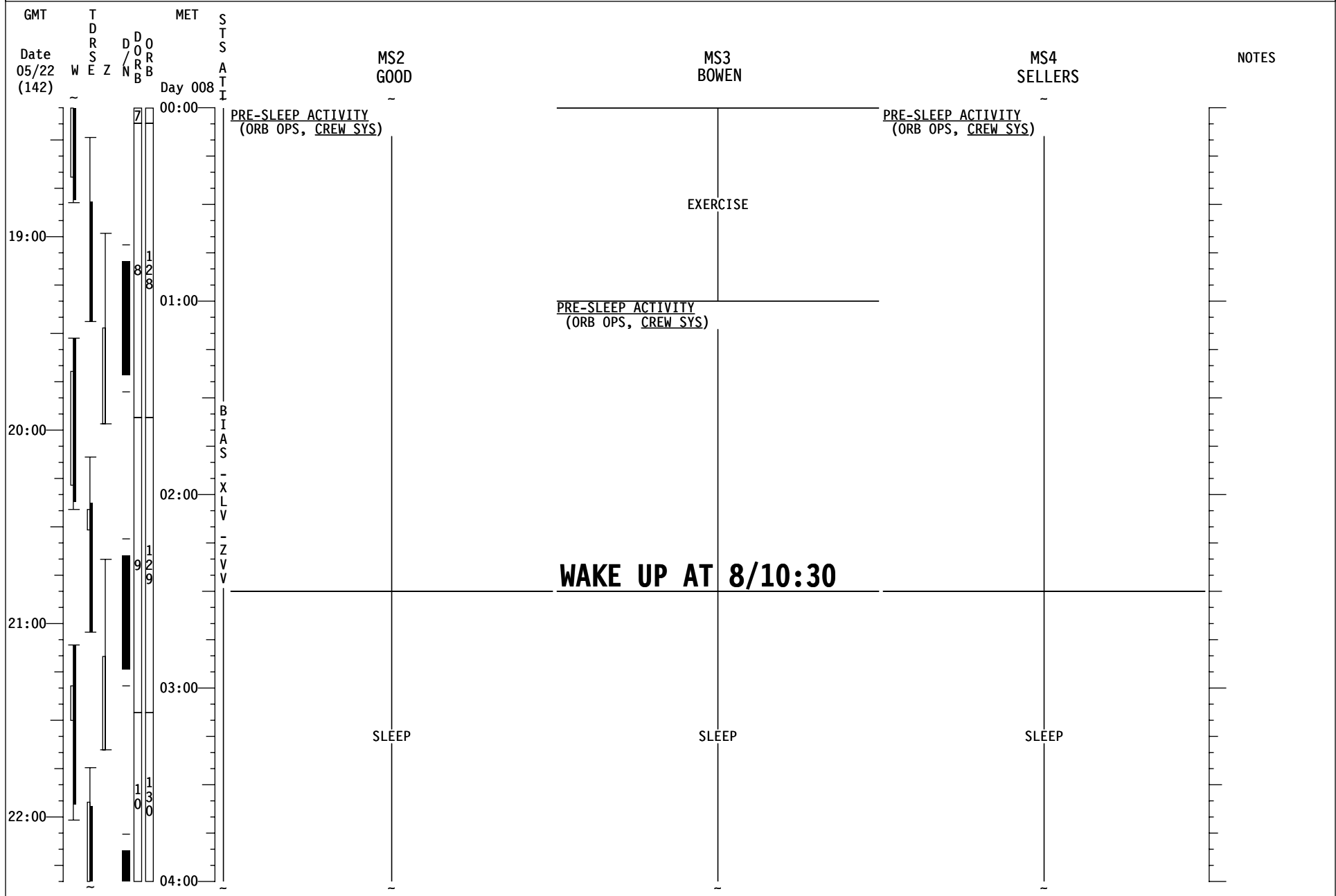
STS-132 FD (09)



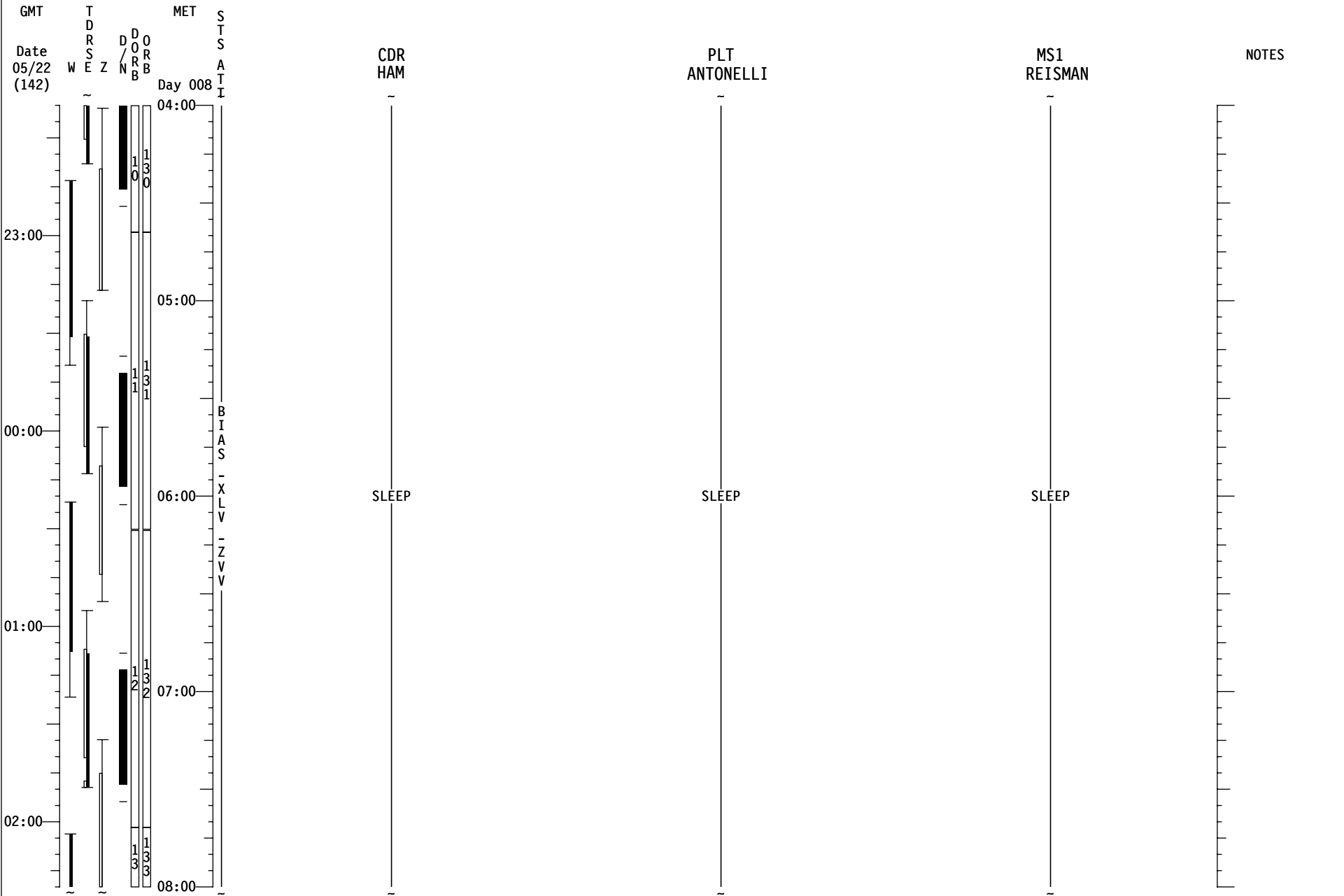
STS-132 FD (09)



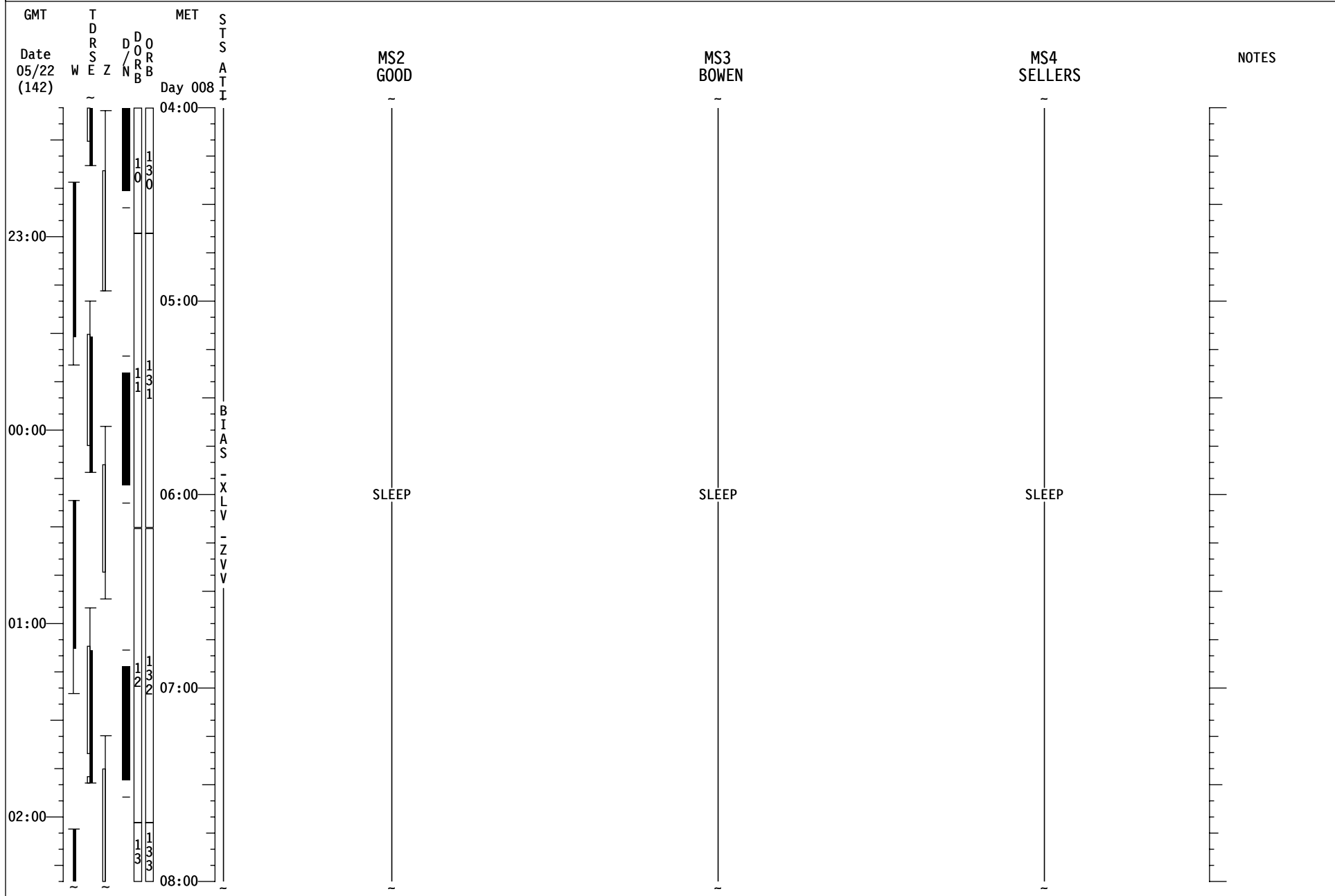
STS-132 FD (09)



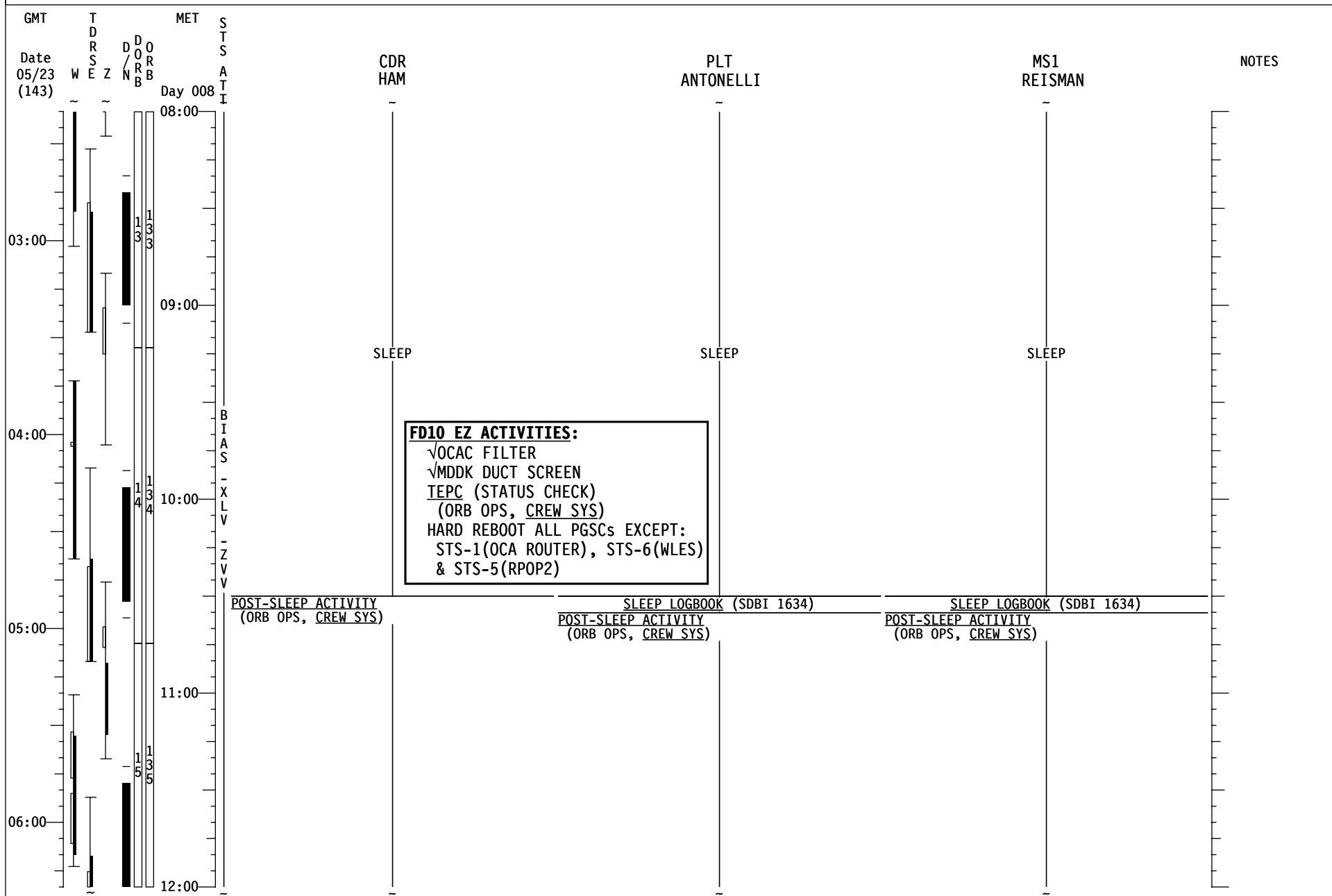
STS-132 FD (09)



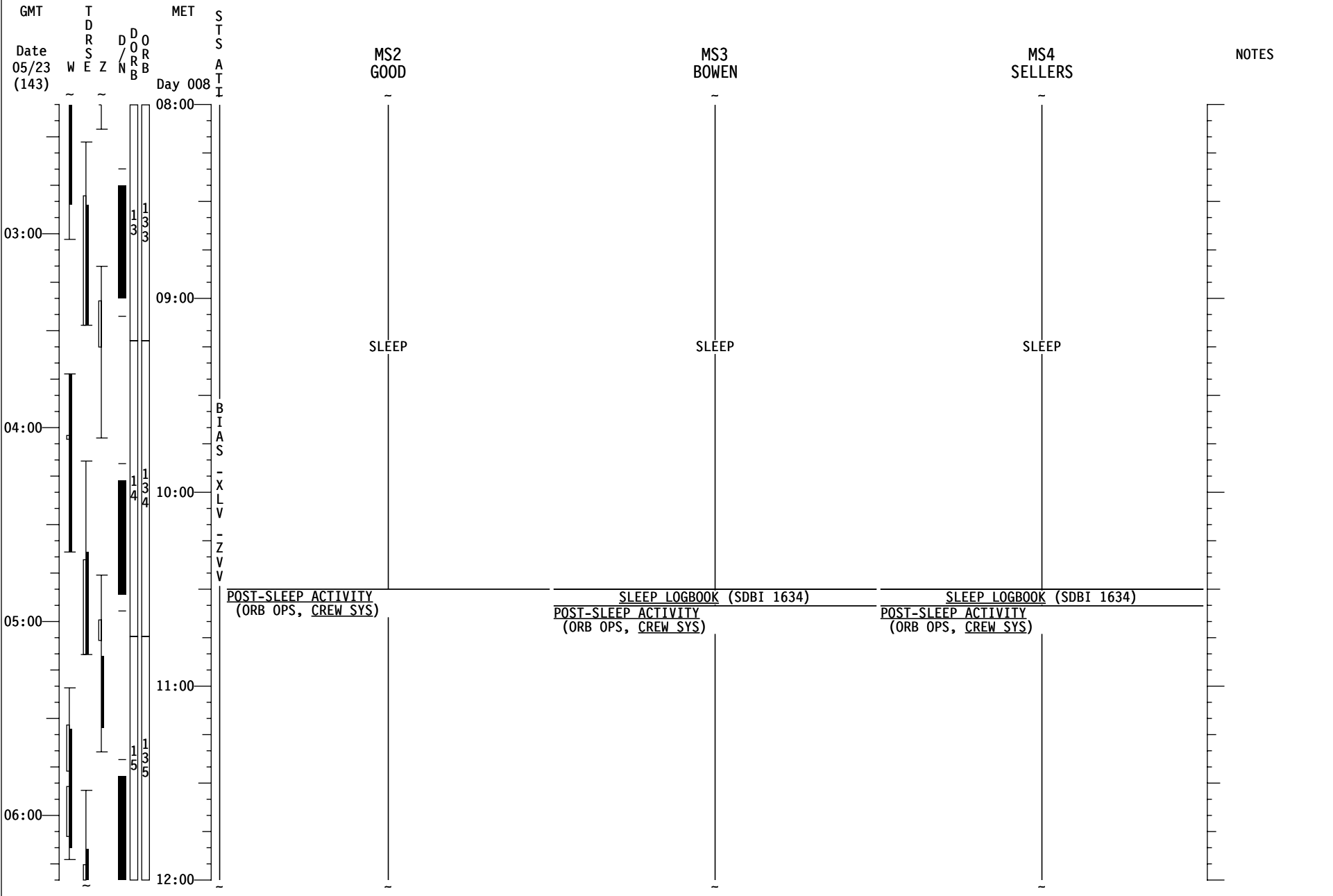
STS-132 FD (09)



STS-132 FD (10)



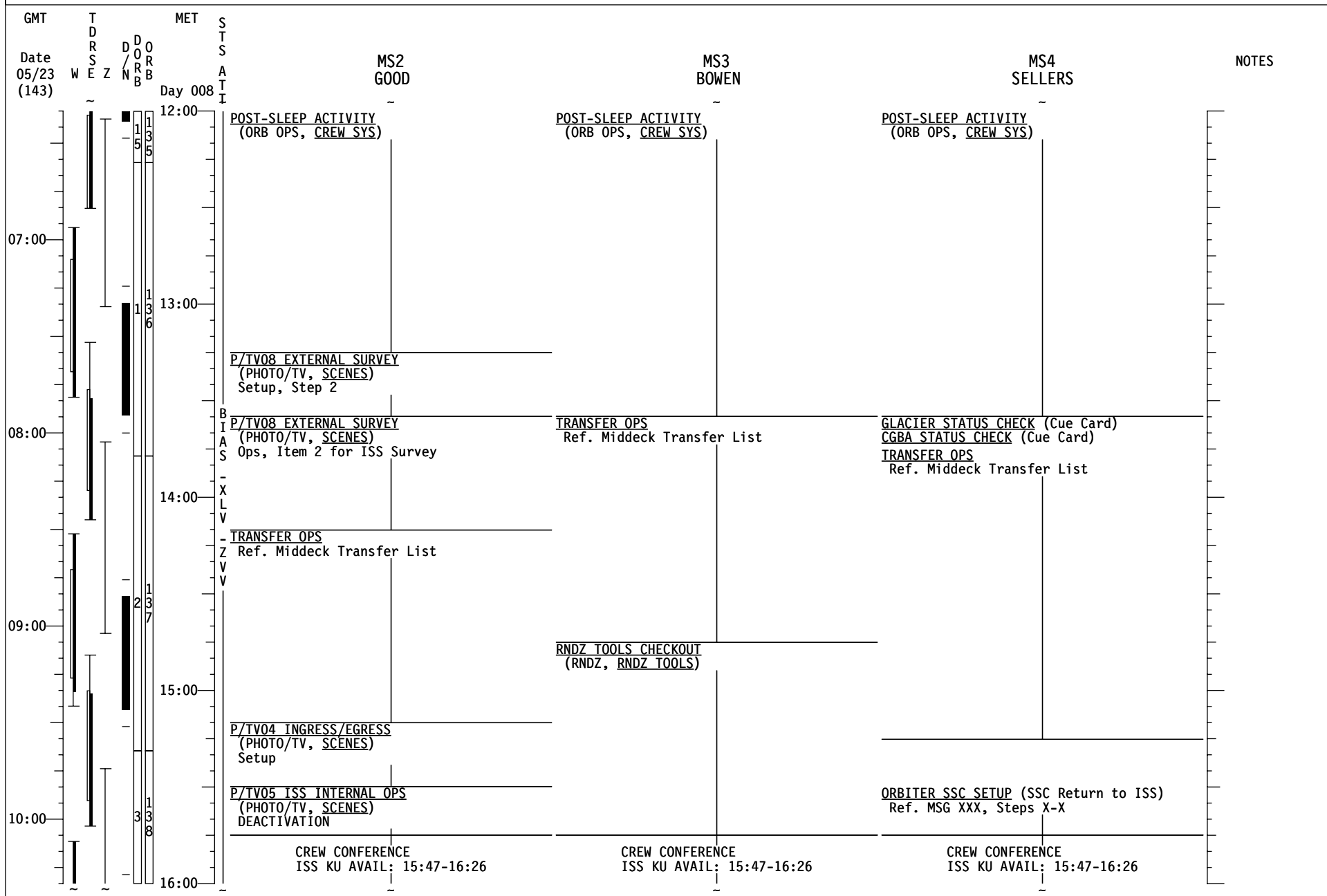
STS-132 FD (10)



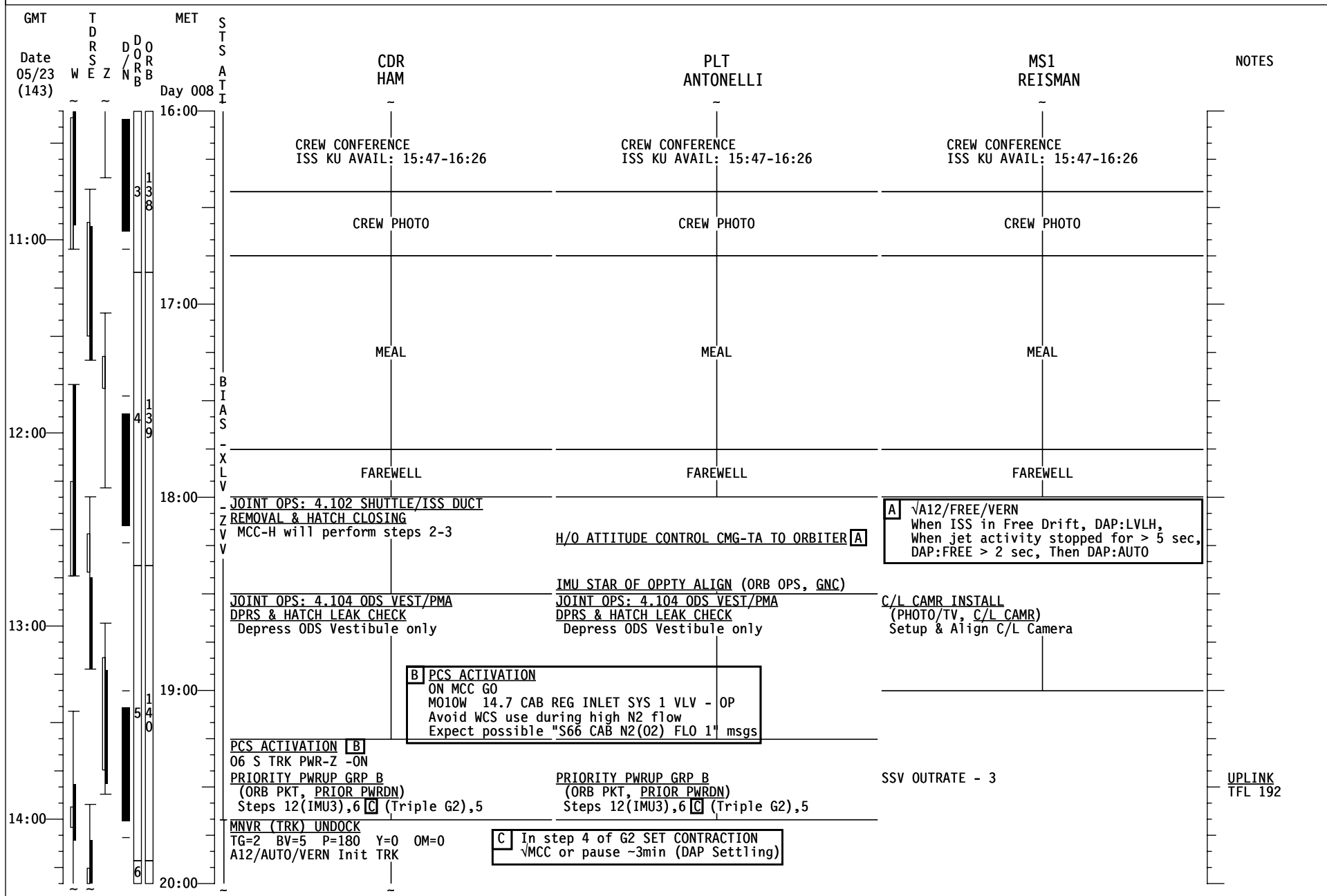
STS-132 FD (10)

GMT	TDRSEZ	MET	S T S A T I	CDR HAM	PLT ANTONELLI	MS1 REISMAN	NOTES
Date 05/23 (143)	W E Z	Day 008					
	D O R B N B						
07:00	15 5	12:00		POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
	13 6	13:00		L17 Check MCIU filter screen NOMINAL H2O CNFG (ORB OPS, ECLS) FES not req'd SHUTTLE CONDENSATE COLLECTION (ORB OPS, ECLS) Perform CHANGEOUT Ref. MSG XXX, Item X	DAILY TRANSFER LIST UPDATE Ref. Transfer List & MSG XXX	EXERCISE	
08:00			B I A S	JOINT OPS: 3.122 PREBREATHE USING SHUTTLE O2 TEARDOWN Steps 2-7 MCC-H will perform Steps 2.4 & 5.5	SHUTTLE/ISS H2O CNTR FILL (ORB OPS, ECLS) Init Fill #8 Ref. MSG XXX	TRANSFER OPS Ref. Middeck Transfer List	
	13 7	14:00	X L V		EXERCISE		
09:00	2 7		Z V V	JOINT OPS: 3.103 NITROGEN TRANSFER TERM Steps 3-5			
	13 8	15:00		EXERCISE	SHUTTLE/ISS H2O CNTR FILL (ORB OPS, ECLS) Perform FILL TERMINATION	RNDZ TOOLS CHECKOUT (RNDZ, RNDZ TOOLS)	UPLINK TFL 192
10:00					CWC TRANSFER Transfer 1 CWC to ISS		
					TRANSFER TAGUP Coordinate with transfer counterpart		
					TRANSFER BRIEF Call down status to MCC		
16:00				CREW CONFERENCE ISS KU AVAIL: 15:47-16:26	CREW CONFERENCE ISS KU AVAIL: 15:47-16:26	CREW CONFERENCE ISS KU AVAIL: 15:47-16:26	UPLINK TFL 184

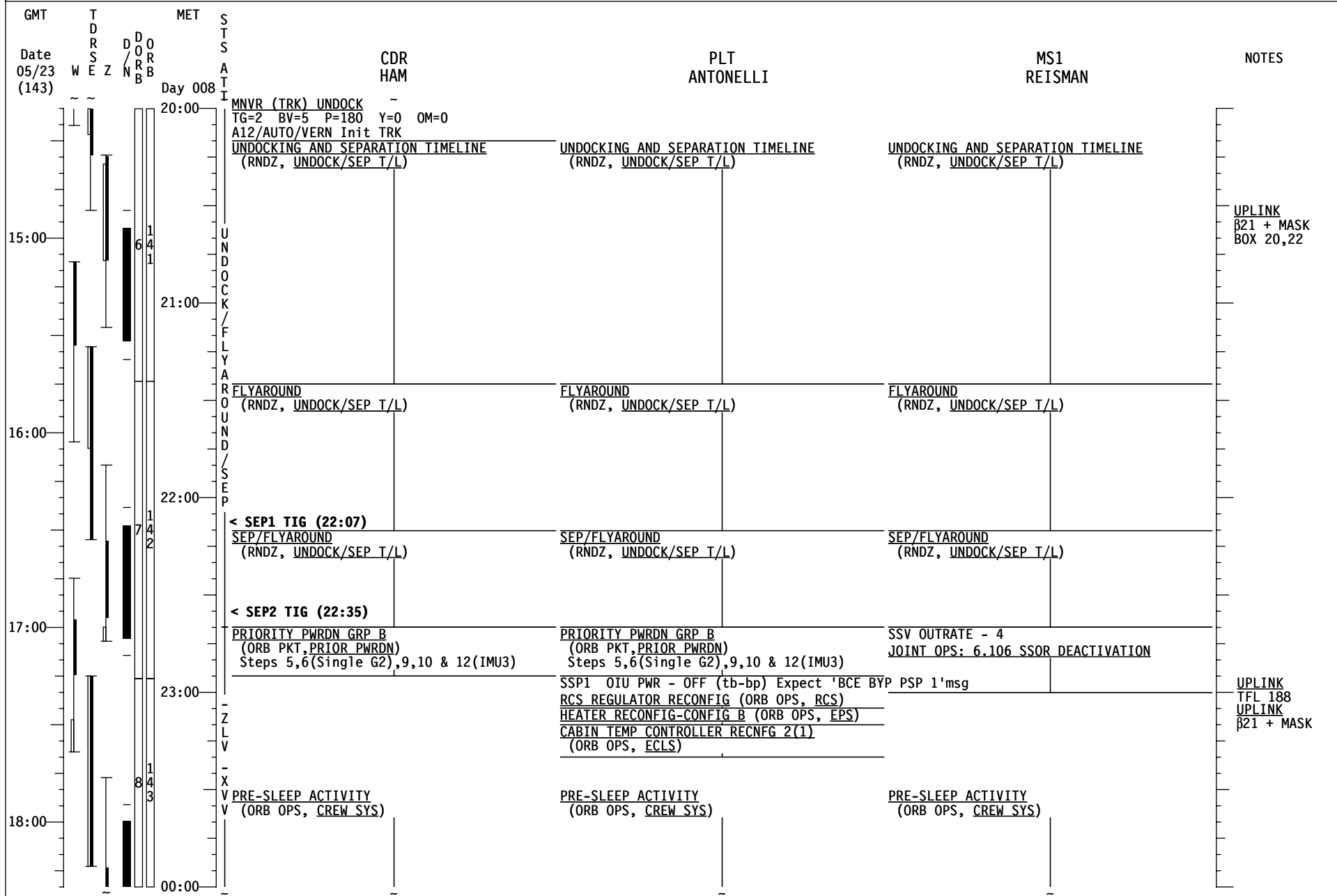
STS-132 FD (10)



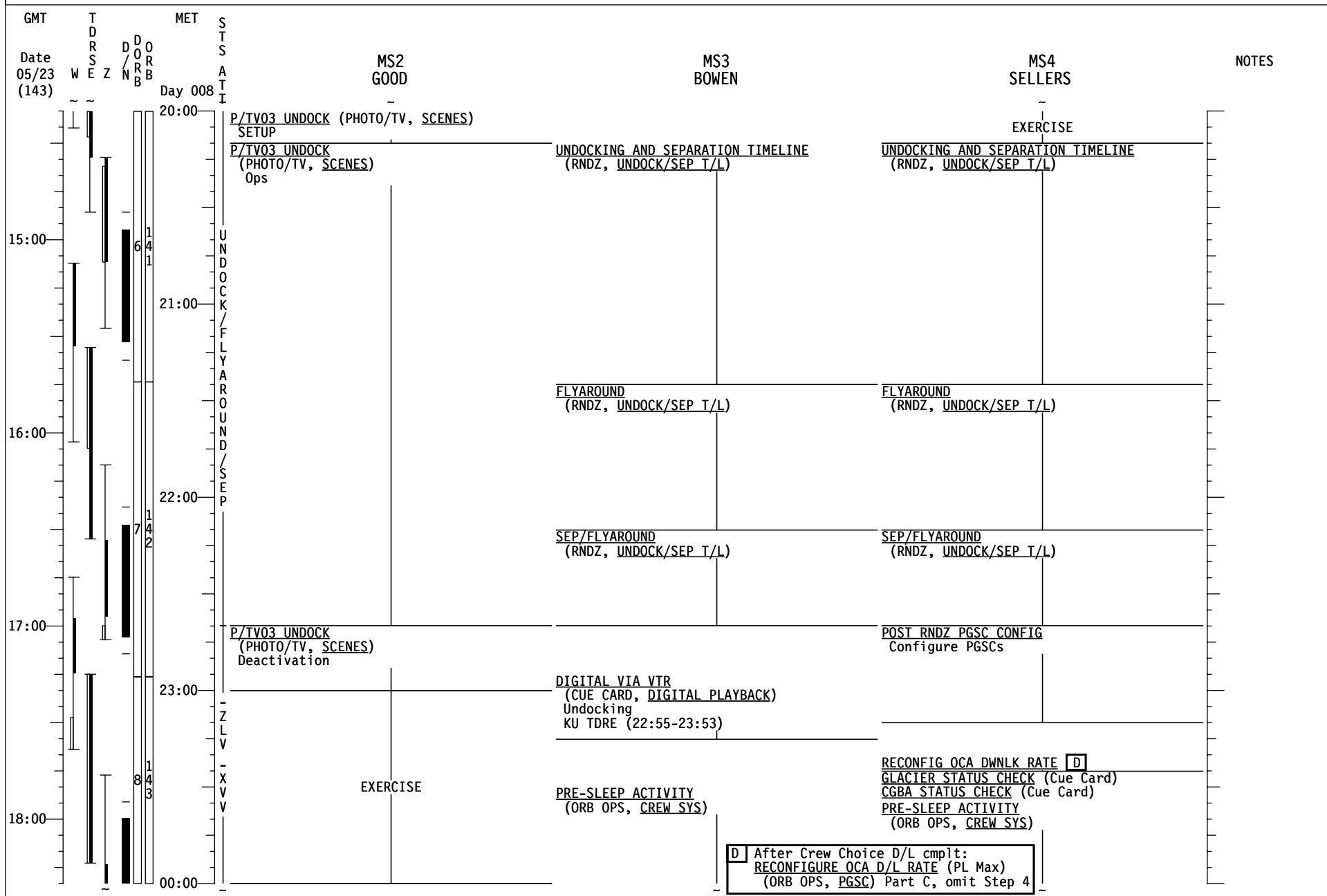
STS-132 FD (10)



STS-132 FD (10)

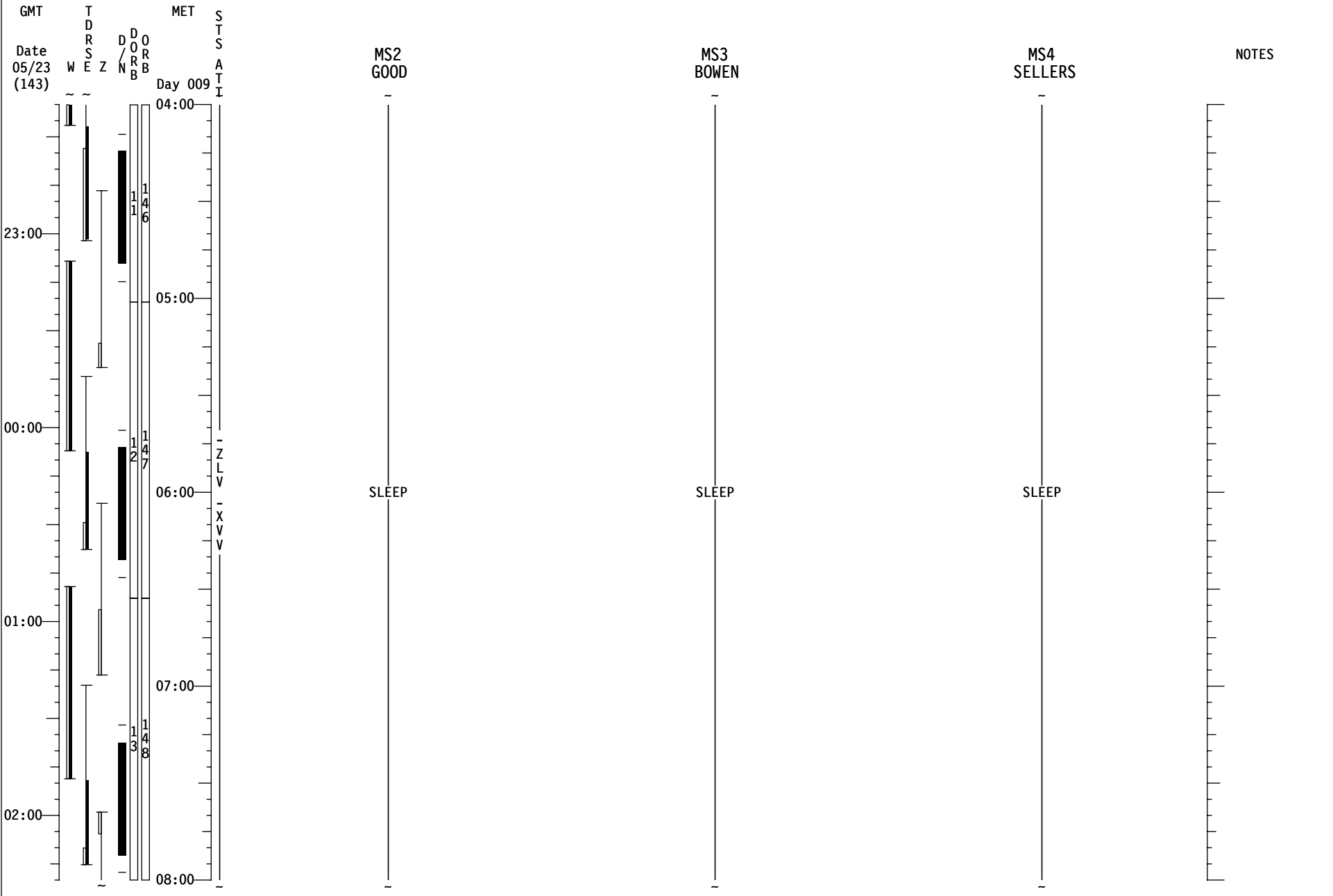


STS-132 FD (10)

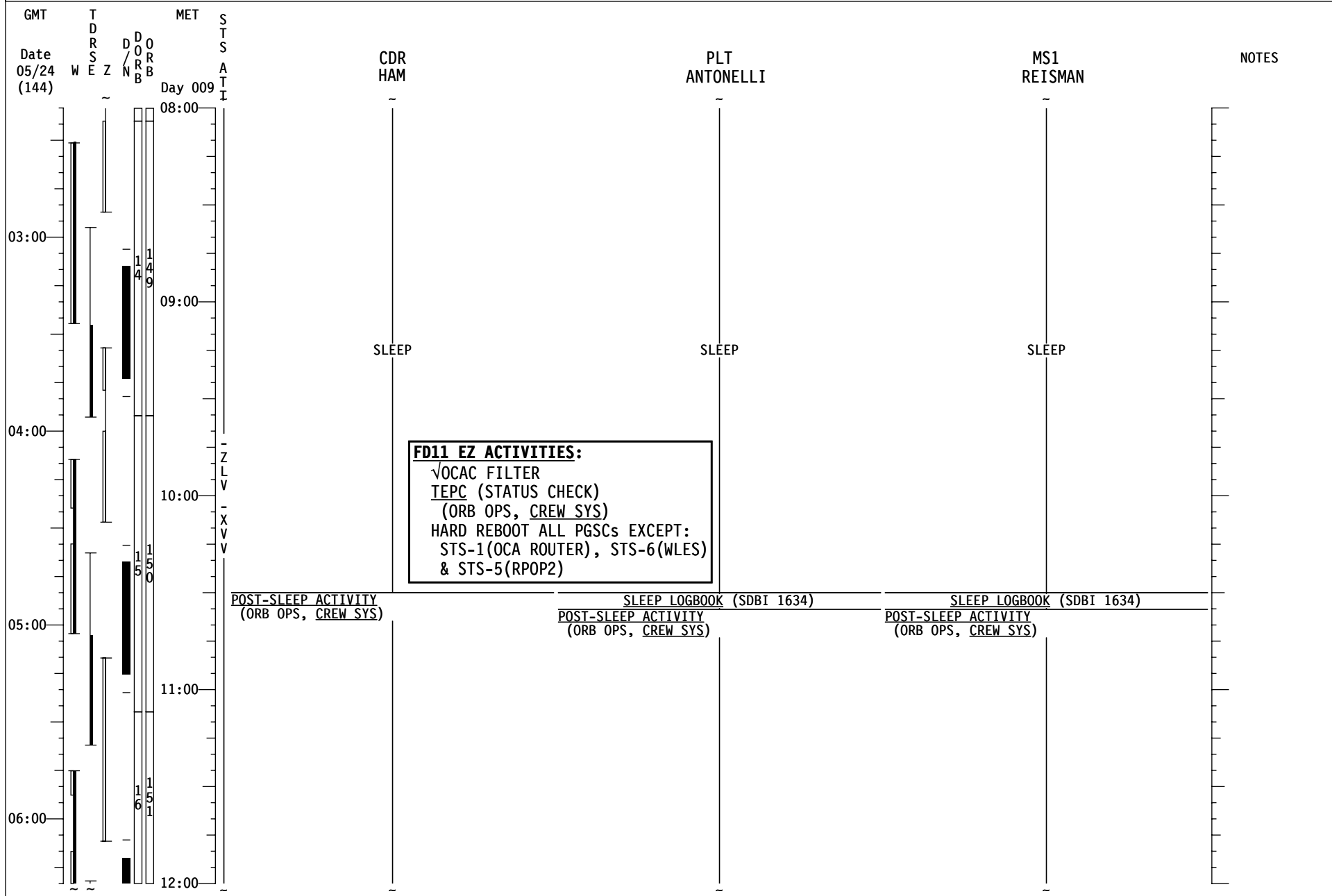


After Crew Choice D/L cplt:
 RECONFIGURE OCA D/L RATE (PL Max)
 (ORB OPS, PGSC) Part C, omit Step 4

STS-132 FD (10)



STS-132 FD (11)



STS-132 FD (11)

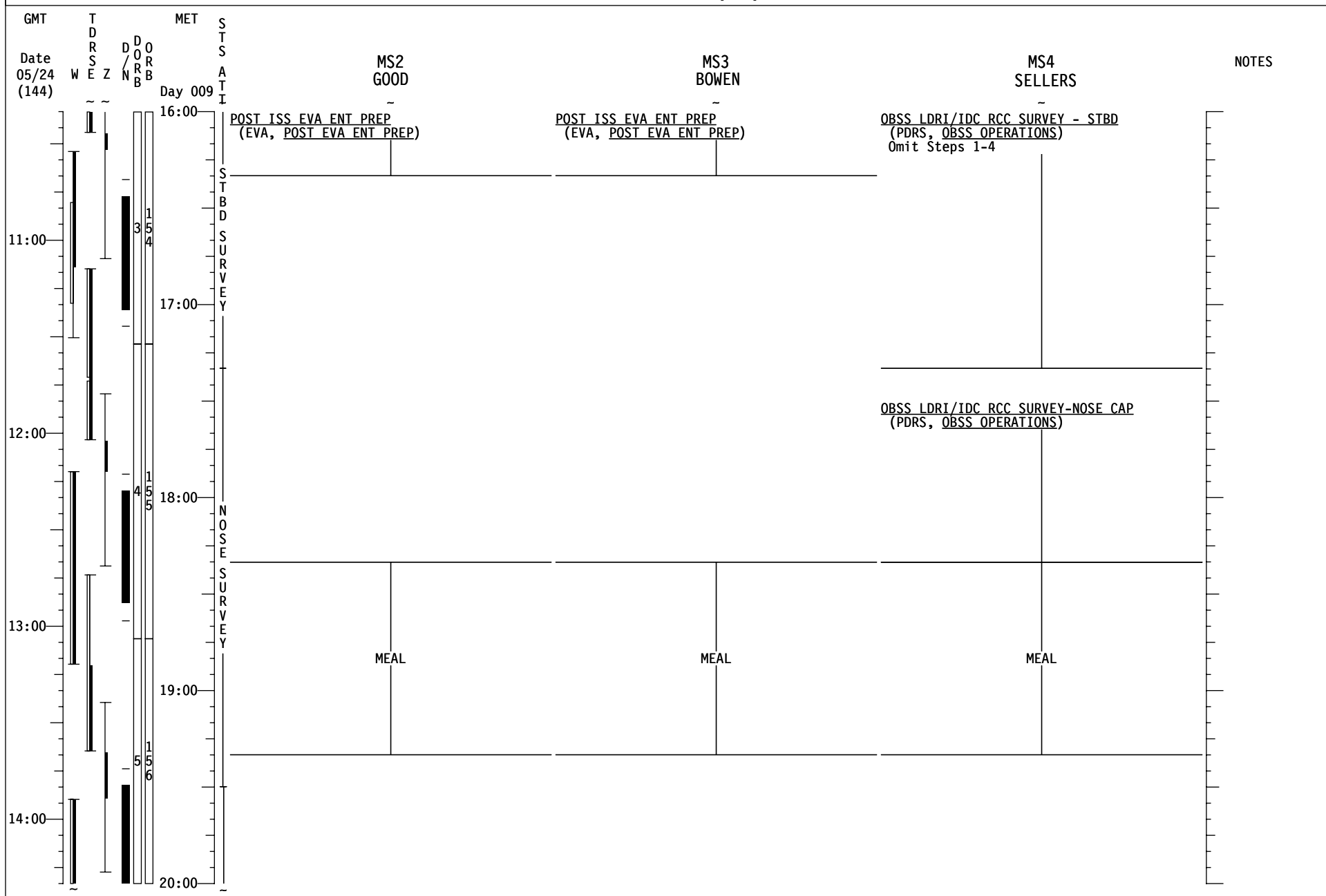
GMT	TDRSEZ	MET	SATS	CDR HAM	PLT ANTONELLI	MS1 REISMAN	NOTES
Date 05/24 (144)	W E Z	Day 009	1 5 1				
			1 5 1				
07:00							
08:00							
09:00							
10:00							
16:00							

TIME	CDR HAM	PLT ANTONELLI	MS1 REISMAN	NOTES
12:00	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
13:00				
14:00	MNVR (TRK) BIAS -ZLV +YVV TG=2 BV=3 P=90 Y=0 OM=70 A1/AUTO/VERN Init TRK SUPPLY/WASTE WATER DUMP (ORB OPS, ECLS) Initiate Supply/Waste Dump	EXERCISE		COMM STRING 1 C/O (PART A) (ORB OPS, COMM/INST)
15:00				
		WCS COMPACTOR OPS (DUAL-VANE) (ORB OPS, CUE CARD) LI7 Check MCIU filter screen		
	SUPPLY/WASTE WATER DUMP (ORB OPS, ECLS) Terminate Supply/Waste Dump		EXERCISE	
	SHUTTLE CONDENSATE COLLECTION (ORB OPS, ECLS) Perform Teardown	OBSS MNVR TO FLAT FIELD (PDRS, OBSS NOMINAL)		
	IMU STAR OF OPPTY ALIGN (ORB OPS, GNC)			
	MNVR (TRK) BIAS +YSI (Stbd Survey) TG=4 BV=5 P=0 Y=40 OM=270 A14/AUTO/VERN Init TRK	OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS OPERATIONS) Omit Steps 1-4	OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS OPERATIONS) Omit Steps 1-4	

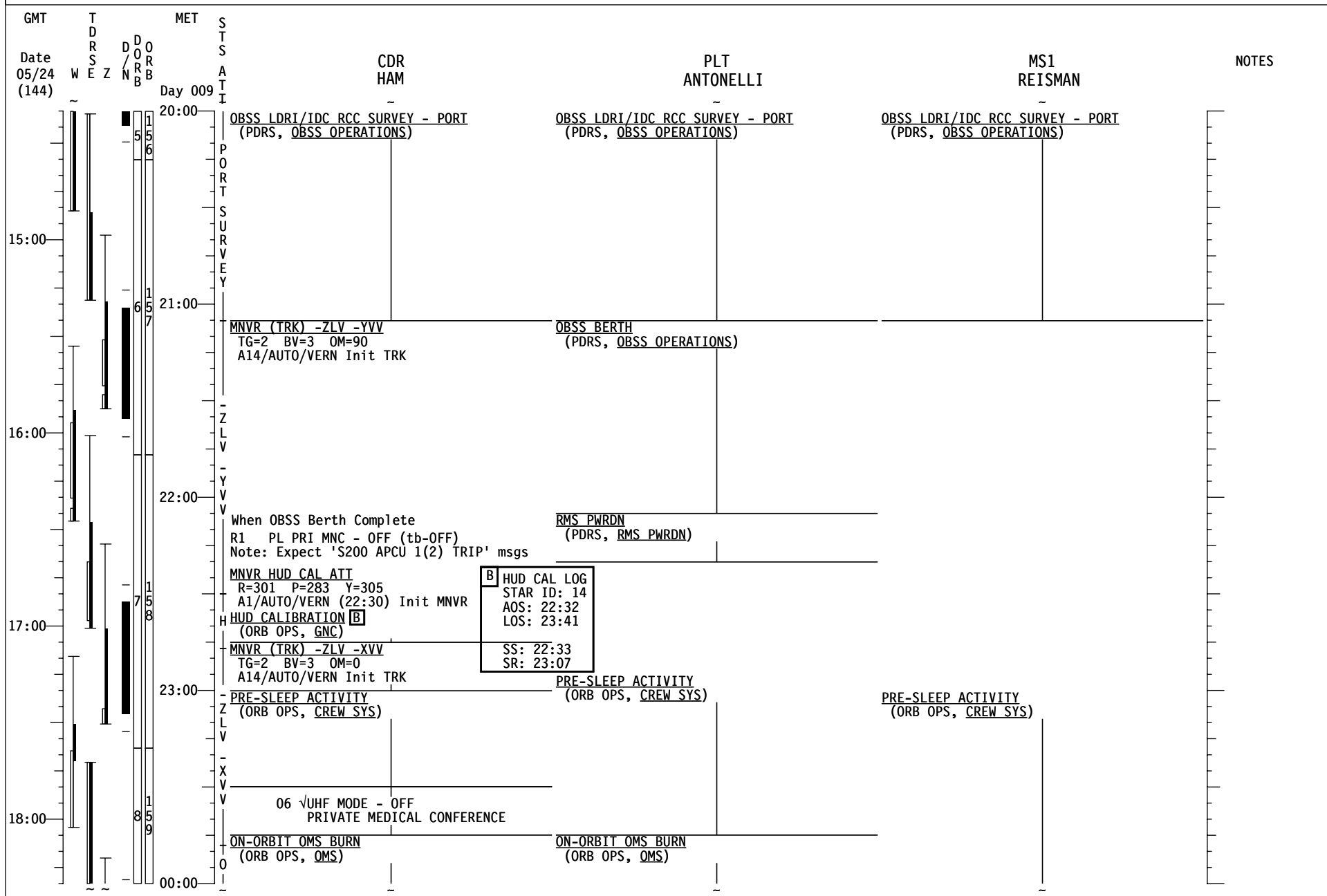
STS-132 FD (11)

GMT	TDRS W E Z	MET Day 009	S T S A T I	MS2 GOOD	MS3 BOWEN	MS4 SELLERS	NOTES
Date 05/24 (144)							
07:00			Z L V				
			X V V				
08:00				POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
				EMU INSTALLATION (EVA, AIRLOCK CONFIG)	EMU INSTALLATION (EVA, AIRLOCK CONFIG)	GLACIER STATUS CHECK (Cue Card) CGBA STATUS CHECK (Cue Card) RECONFIG OCA DWNK RATE [A]	
				EVA UNPACK AND STOW (EVA, AIRLOCK CONFIG)	EVA UNPACK AND STOW (EVA, AIRLOCK CONFIG)		
					[A] √MCC prior to configuring: RECONFIGURE OCA D/L RATE (Ch. 2) (ORB OPS, PGSC) Part D then A, omit Step 4		
09:00			D U M P			EXERCISE	
10:00				POST ISS EVA ENT PREP (EVA, POST EVA ENT PREP)	POST ISS EVA ENT PREP (EVA, POST EVA ENT PREP)	OBSS MNVR TO FLAT FIELD (PDRS, OBSS NOMINAL)	
16:00						OBSS LDRI/IDC RCC SURVEY - STBD (PDRS, OBSS OPERATIONS) Omit Steps 1-4	

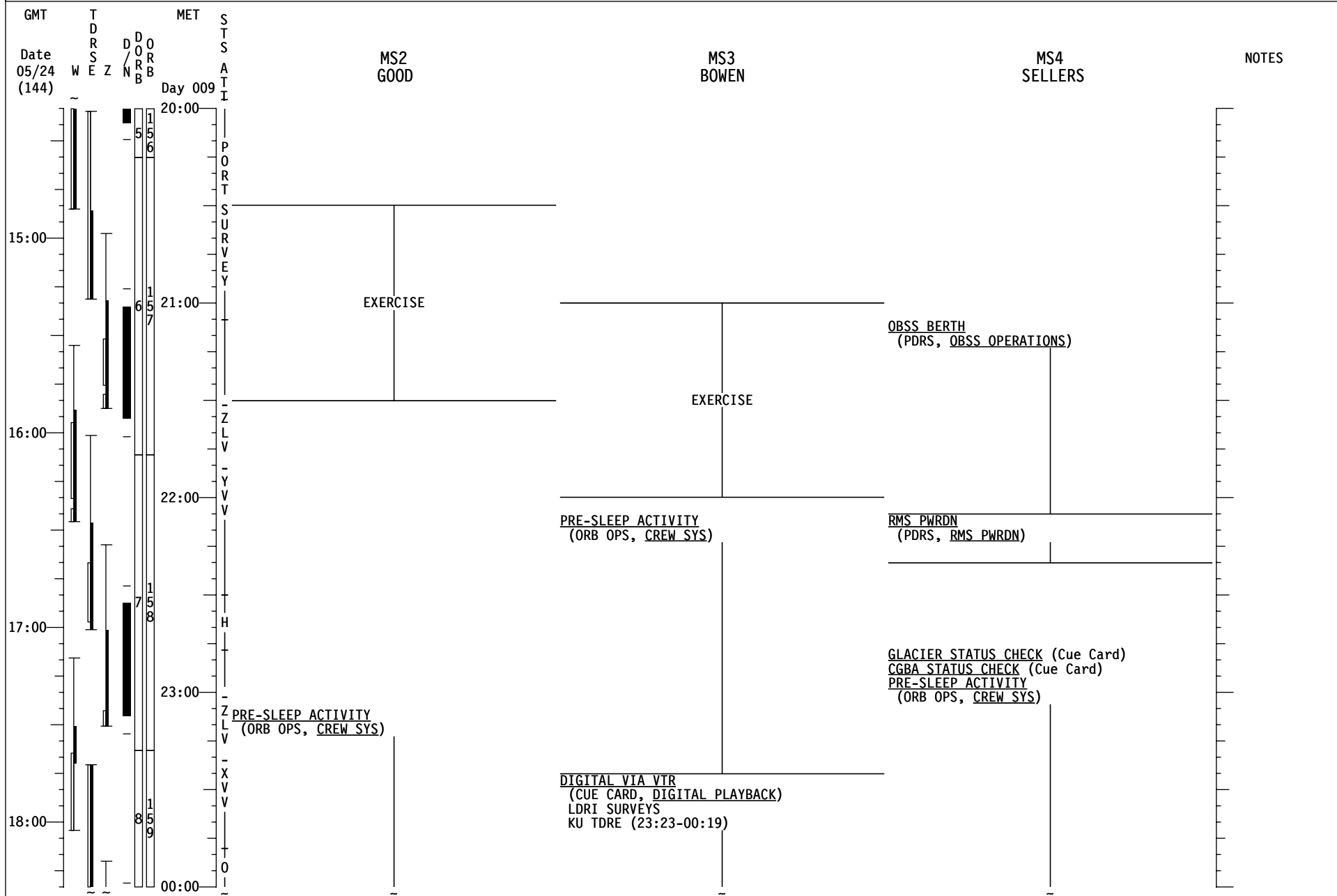
STS-132 FD (11)



STS-132 FD (11)



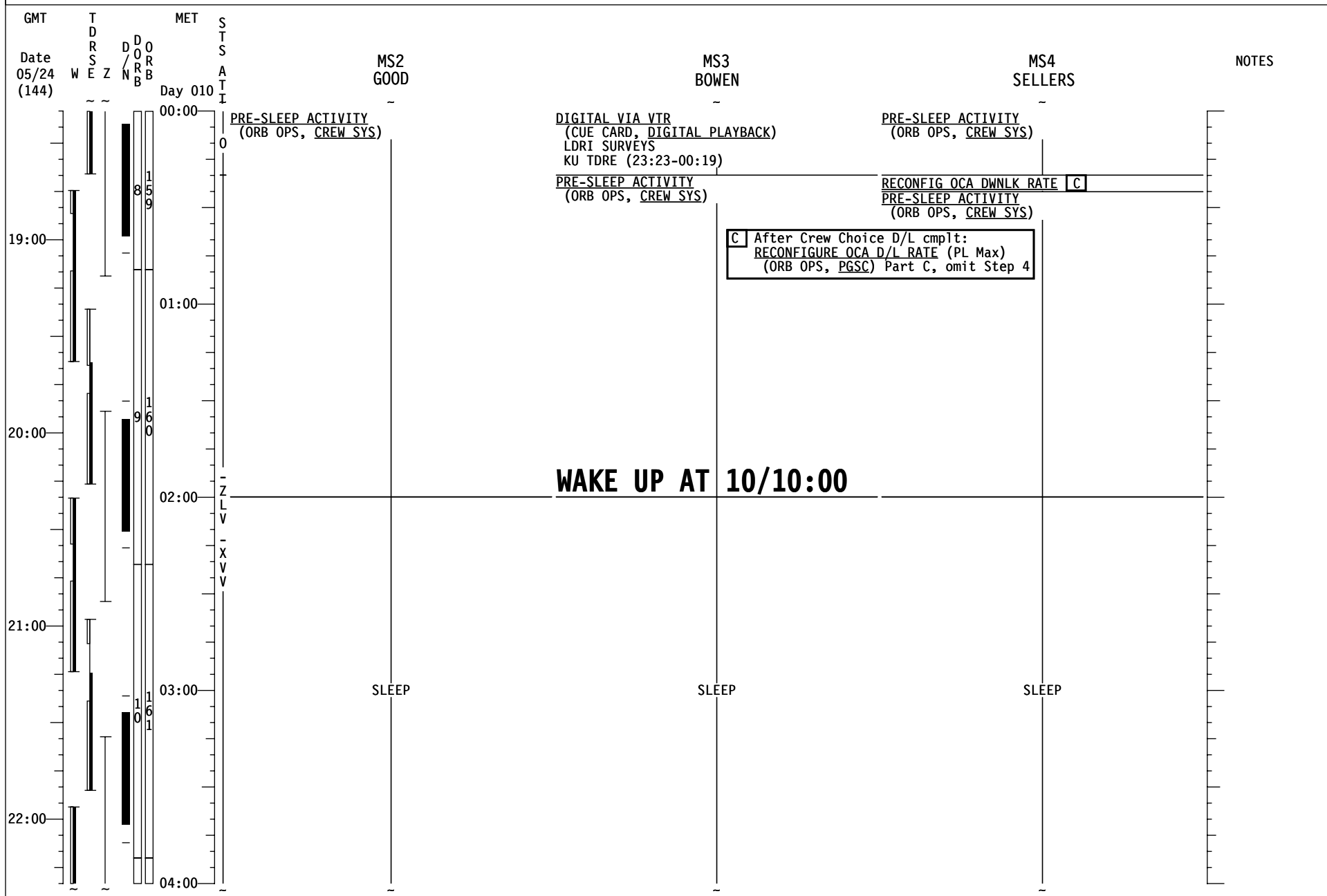
STS-132 FD (11)



STS-132 FD (11)

GMT	TDRSEZ	MET	SATS	CDR	PLT	MS1	NOTES
Date 05/24 (144)	W E Z	Day 010	00:00	HAM	ANTONELLI	REISMAN	
			00:00				ON-ORBIT QMS BURN (ORB OPS, QMS) < OA TIG (00:08)
			00:00				ON-ORBIT QMS BURN (ORB OPS, QMS)
			00:00				PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
			00:00				MNVR (TRK) -ZLV -XVV TG=2 BV=3 OM=0 A1/AUTO/VERN Init TRK
			00:00				PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)
19:00			01:00				
20:00			02:00				WAKE UP AT 10/10:00
21:00			03:00	SLEEP	SLEEP	SLEEP	
22:00			04:00				

STS-132 FD (11)



DIGITAL VIA VTR
 (CUE CARD, DIGITAL PLAYBACK)
 LDRI SURVEYS
 KU TDRE (23:23-00:19)

PRE-SLEEP ACTIVITY
 (ORB OPS, CREW SYS)

PRE-SLEEP ACTIVITY
 (ORB OPS, CREW SYS)

RECONFIG OCA DWNLK RATE C

PRE-SLEEP ACTIVITY
 (ORB OPS, CREW SYS)

C After Crew Choice D/L cmlpt:
 RECONFIGURE OCA D/L RATE (PL Max)
 (ORB OPS, PGSC) Part C, omit Step 4

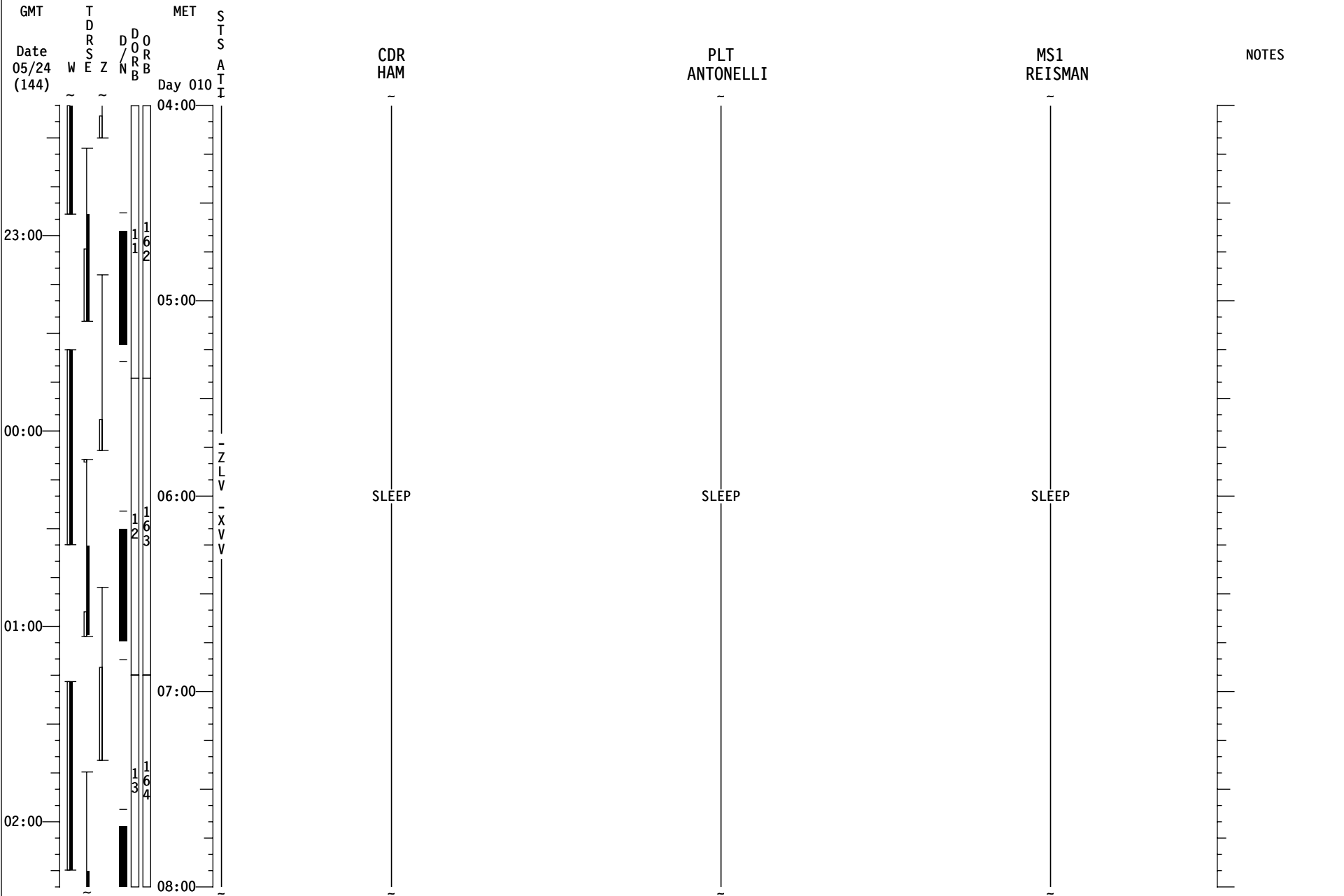
WAKE UP AT 10/10:00

SLEEP

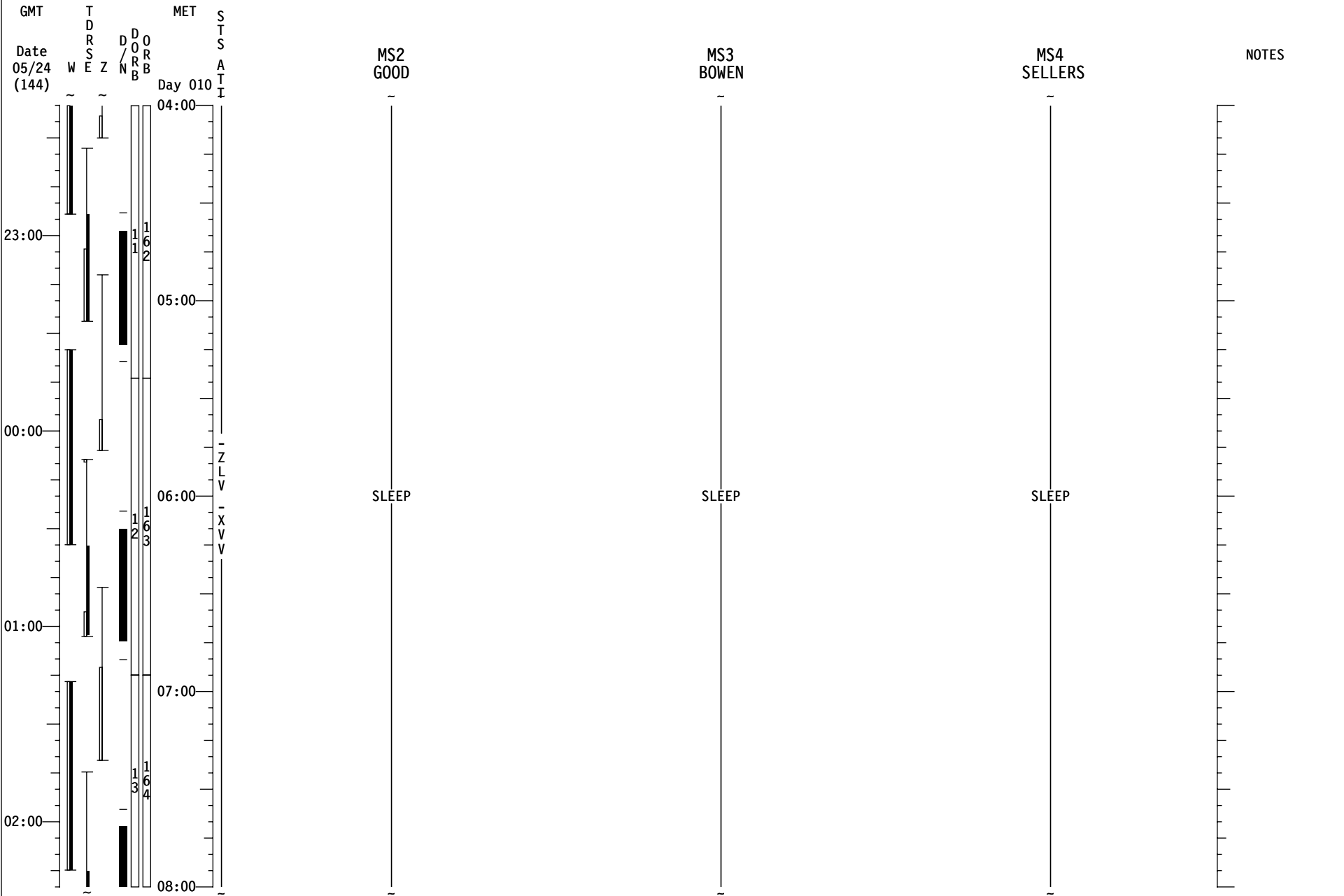
SLEEP

SLEEP

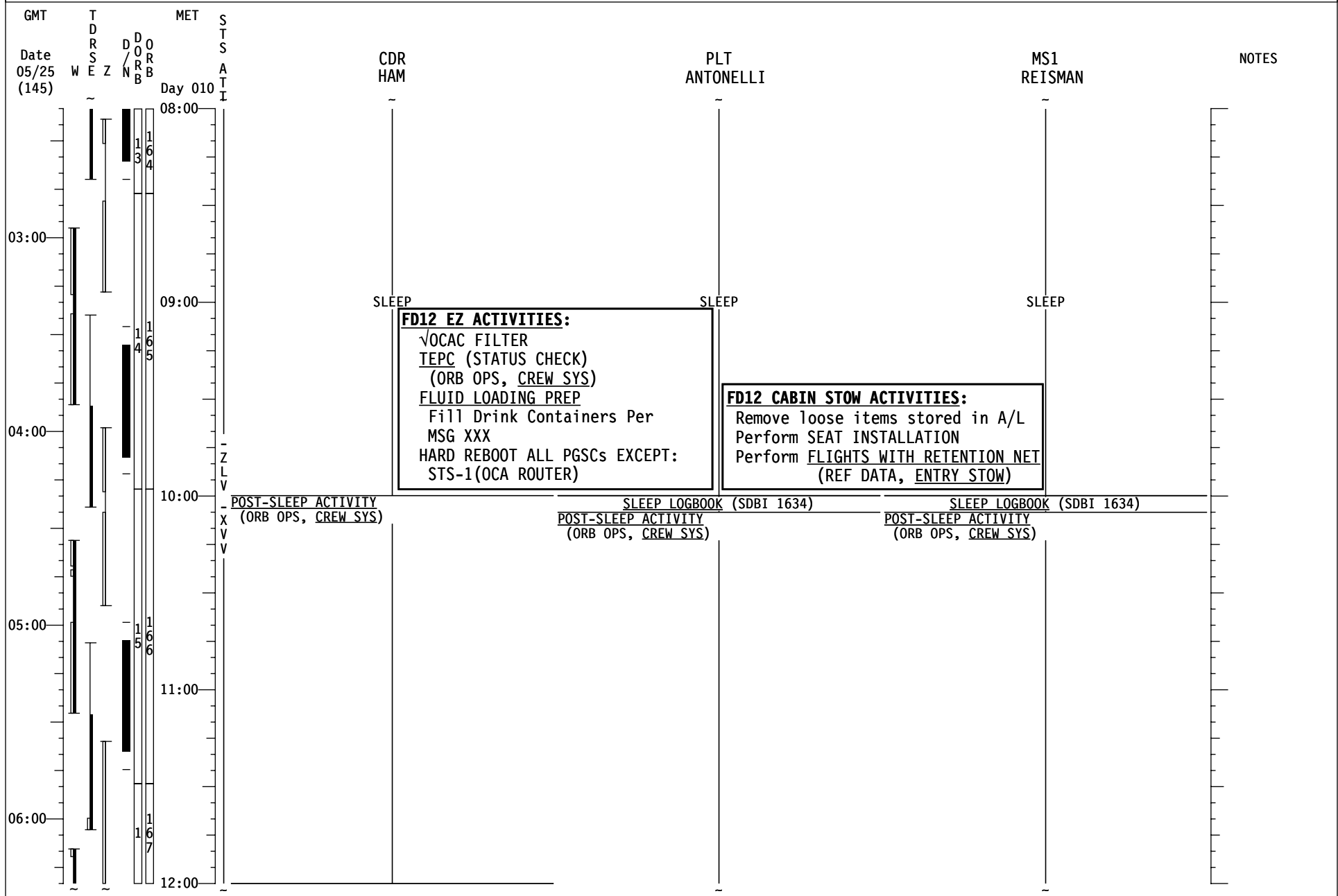
STS-132 FD (11)



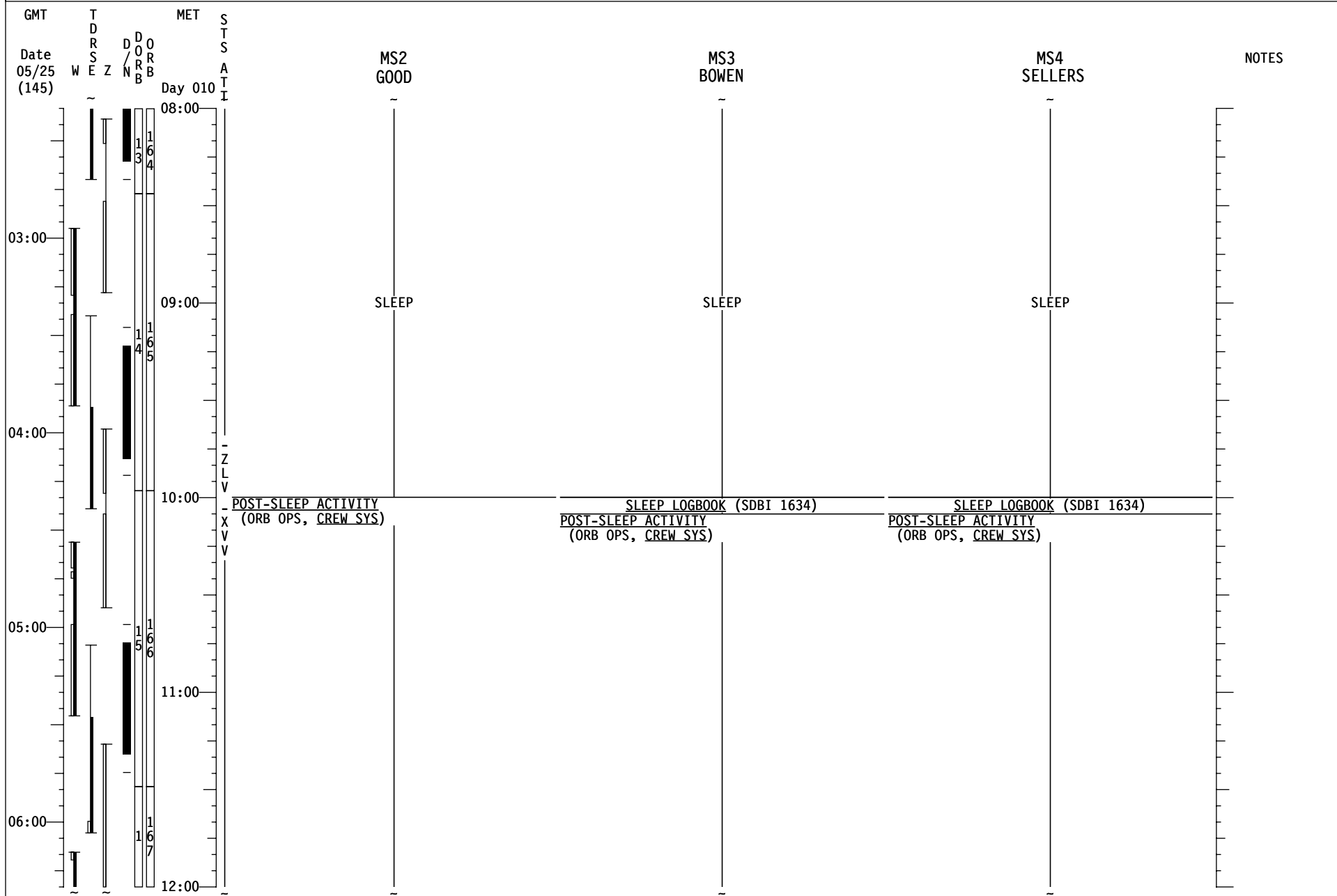
STS-132 FD (11)



STS-132 FD (12)



STS-132 FD (12)



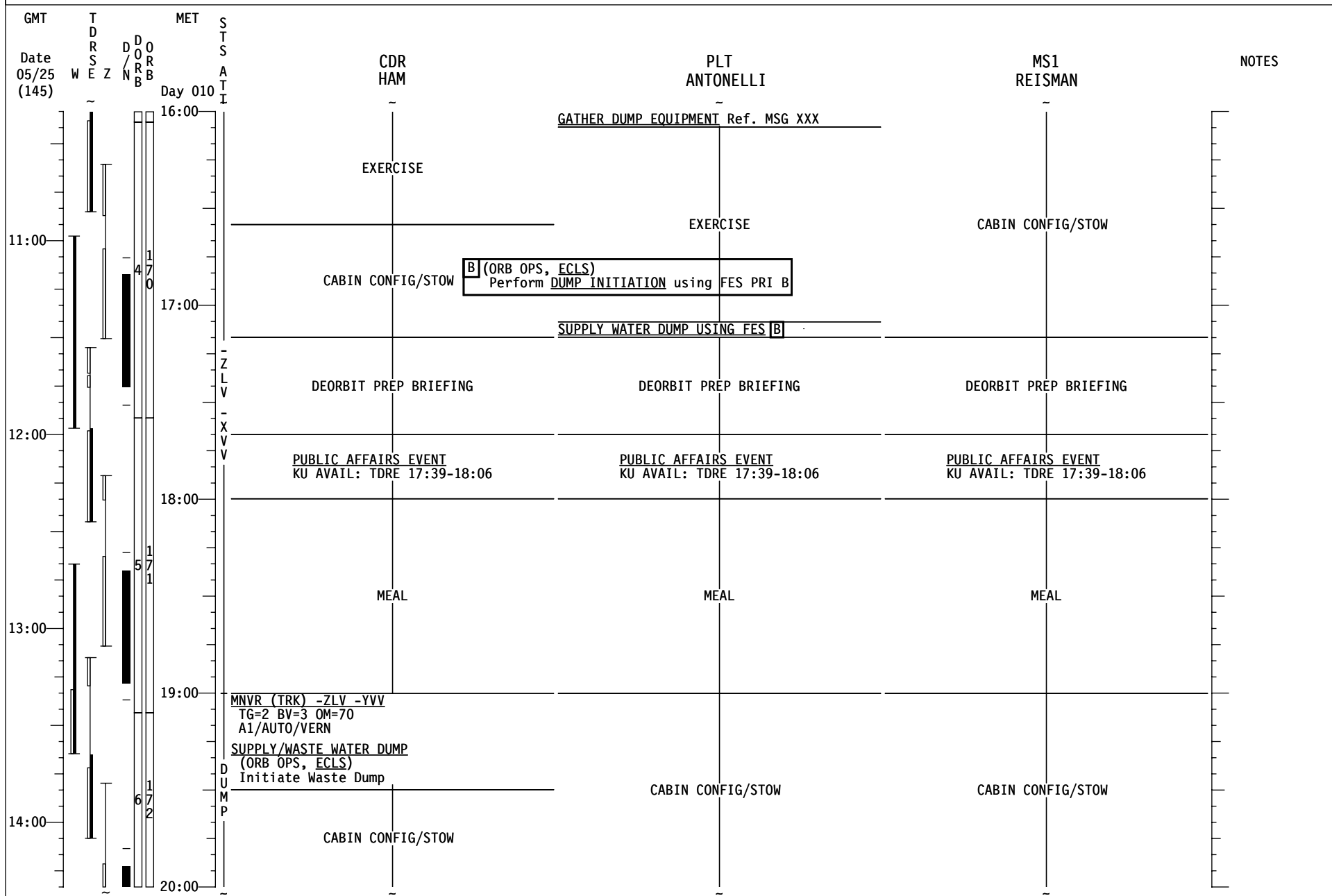
STS-132 FD (12)

GMT	TDRSEZ	MET	STS	CDR HAM	PLT ANTONELLI	MS1 REISMAN	NOTES
Date 05/25 (145)	W E Z	Day 010	12:00	W/B STEAM VENT HTR ACT R2 √BLR CNTLR/HTR(three) -B PWR (three) -ON POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
					FILTER CLEANING (IFM, SCHEDULED MAINTENANCE)		
07:00							
			13:00	FCS CHECKOUT (ORB OPS, GNC)	TMU STAR OF OPPTY ALIGN (ORB OPS, GNC) FCS CHECKOUT (ORB OPS, GNC)	FCS CHECKOUT CAMR SETUP (PHOTO/TV, REF PROC) SETUP	UPLINK TFL 161
08:00							
			14:00	RCS HOT FIRE TEST (ORB OPS, RCS)	RCS HOT FIRE TEST (ORB OPS, RCS)	CABIN CONFIG/STOW	
09:00				PILOT WITH RHC (ORB OPS, PGSC)	PILOT WITH RHC (ORB OPS, PGSC)	COMM STRING 1 C/O (PART B) (ORB OPS, COMM/INST)	
			15:00			EXERCISE	
10:00				EXERCISE	GATHER DUMP EQUIPMENT Ref. MSG XXX	CABIN CONFIG/STOW	
			16:00				

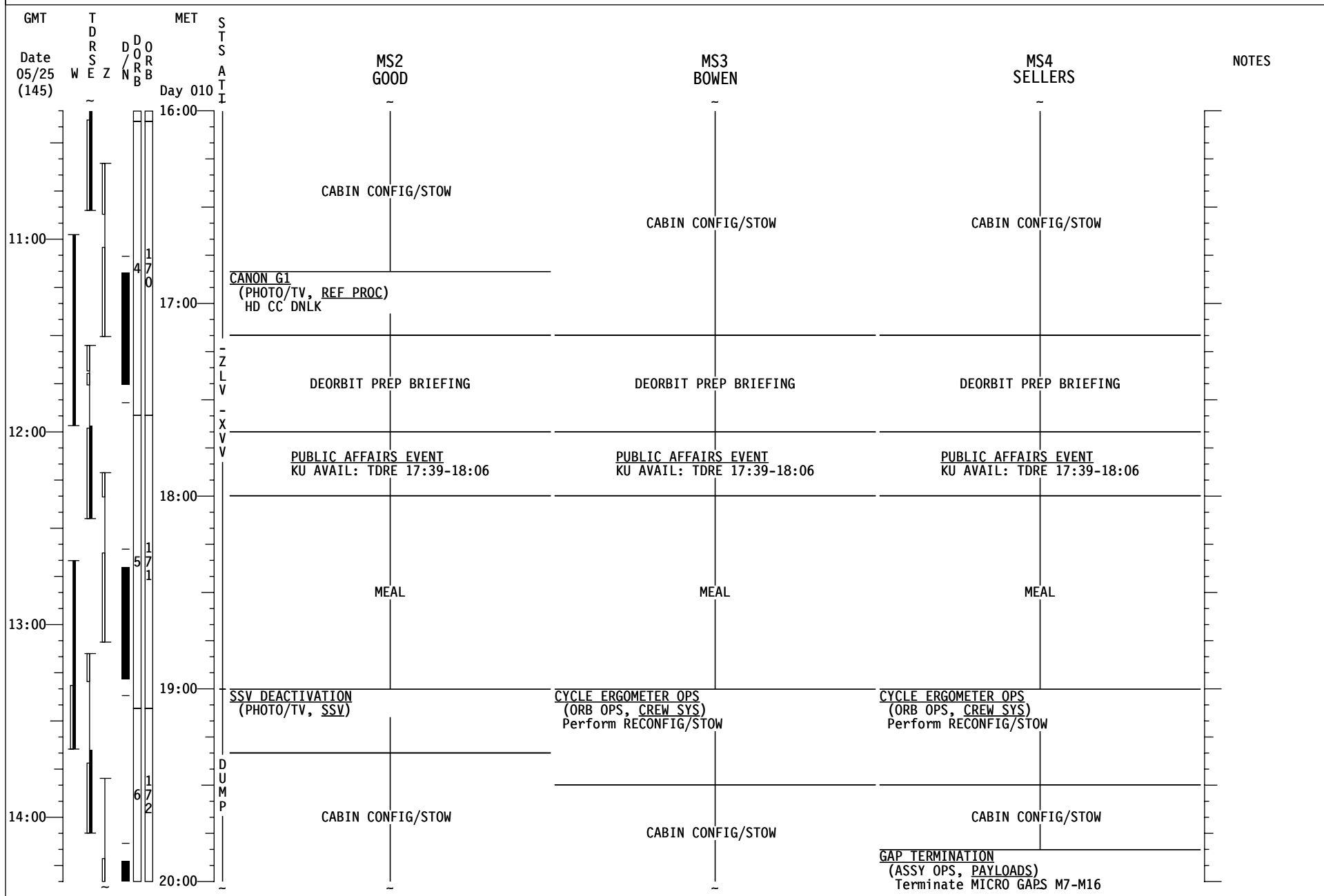
STS-132 FD (12)

GMT	TDRS W E Z	MET Day 010	S T S A T I	MS2 GOOD	MS3 BOWEN	MS4 SELLERS	NOTES
Date 05/25 (145)	DORNB						
07:00				POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	POST-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
				EXERCISE	A) √MCC prior to configuring: RECONFIGURE OCA D/L RATE (Ch. 2) (ORB OPS, PGSC) Part D then A, omit Step 4		
				FCS CHECKOUT (ORB OPS, GNC)		RECONFIG OCA DWNLK RATE A GLACIER STATUS CHECK (Cue Card) CGBA STATUS CHECK (Cue Card)	
08:00			Z L V		EXERCISE		
			X V V		MINI-CAM (PHOTO/TV, REF_PROC) ENTRY VIDEO SETUP	EXERCISE	
09:00				WLES RNDZ TOOLS C/O PREP (ORB OPS, WLES SENSORS) PILOT WITH RHC (ORB OPS, PGSC)			
					CABIN CONFIG/STOW	CABIN CONFIG/STOW	
10:00				CABIN CONFIG/STOW			
16:00							

STS-132 FD (12)



STS-132 FD (12)



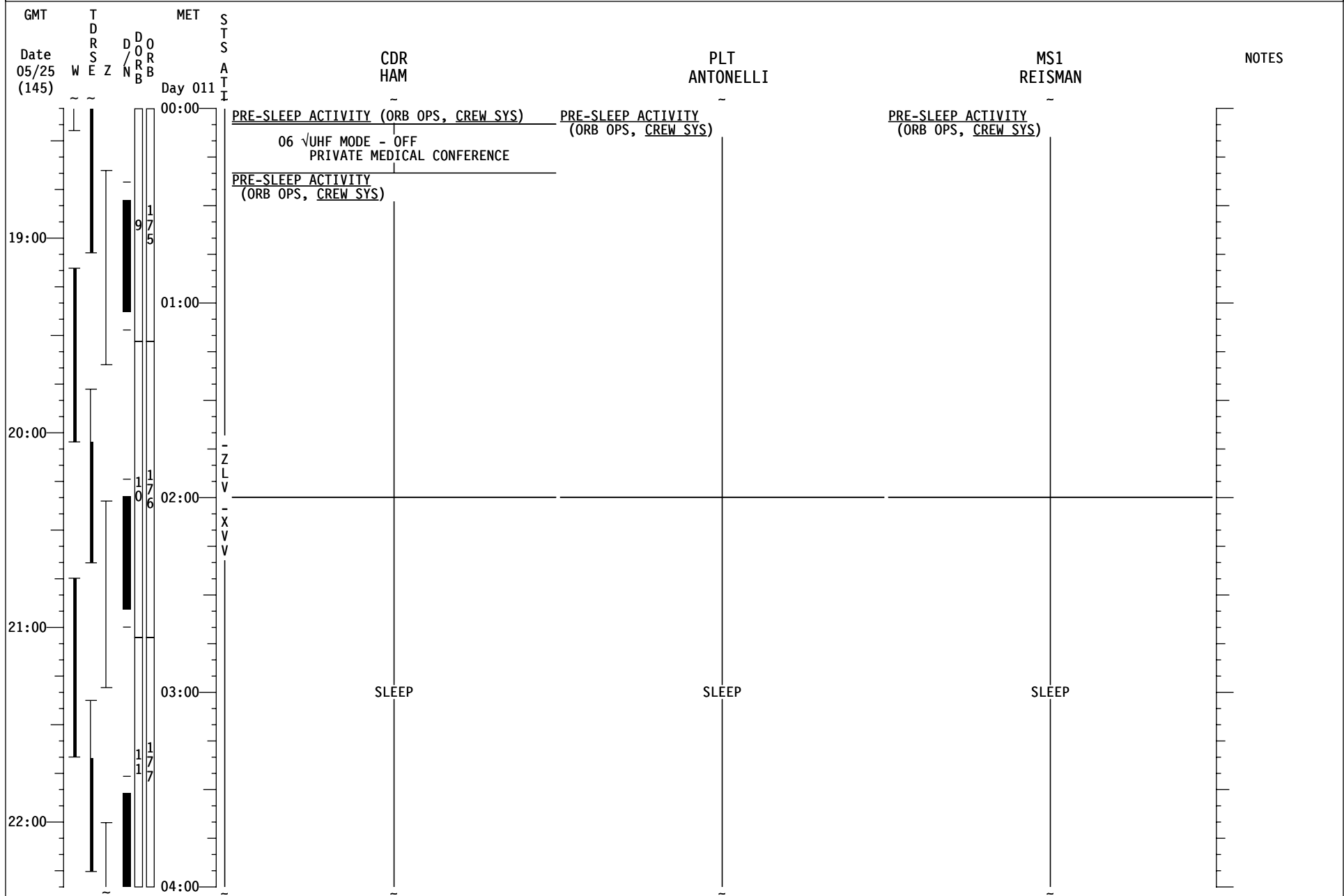
STS-132 FD (12)

GMT	T D R S E Z	MET	S T S	CDR HAM	PLT ANTONELLI	MS1 REISMAN	NOTES
Date 05/25 (145)	W E Z	Day 010	D O R B N B				
20:00				CABIN CONFIG/STOW	CABIN CONFIG/STOW	CABIN CONFIG/STOW	
15:00				SUPPLY/WASTE WATER DUMP (ORB OPS, ECLS) Terminate Waste Dump		LANDING-1 COMM C/O (ORB OPS, COMM/INST)	
21:00				CWC OVERBOARD DUMP (ORB OPS, ECLS) Initiate Condensate Dump			
				PUBLIC AFFAIRS EVENT KU AVAIL: TDRE 21:01-21:26	PUBLIC AFFAIRS EVENT KU AVAIL: TDRE 21:01-21:26	PUBLIC AFFAIRS EVENT KU AVAIL: TDRE 21:01-21:26	
16:00				CABIN CONFIG/STOW	SUPPLY WATER DUMP USING FES [C] [C] (ORB OPS, ECLS) Perform DUMP TERMINATION using FES PRI B	CABIN CONFIG/STOW	
22:00				CWC OVERBOARD DUMP (ORB OPS, ECLS) Perform DUMP TERMINATION	CABIN CONFIG/STOW	LANDING-1 COMM C/O (ORB OPS, COMM/INST)	
				MNVR (TRK) -ZLV -XVV TG=2 BV=3 OM=0 A1/AUTO/VERN Init TRK			
17:00				CABIN CONFIG/STOW	[D] R12 √VPU PWR - OFF(LED-off) Minimize use of P/TV equipment Dim cabin lighting to 25%	CABIN CONFIG/STOW	
23:00				ENTRY COOLING CONFIG [D] PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	KU-BD ANT STOW (ORB OPS, COMM/INST) Deact CCTV	
18:00						A6L MADS STRAIN GAGE - ON PRE-SLEEP ACTIVITY (ORB OPS, CREW SYS)	
00:00							

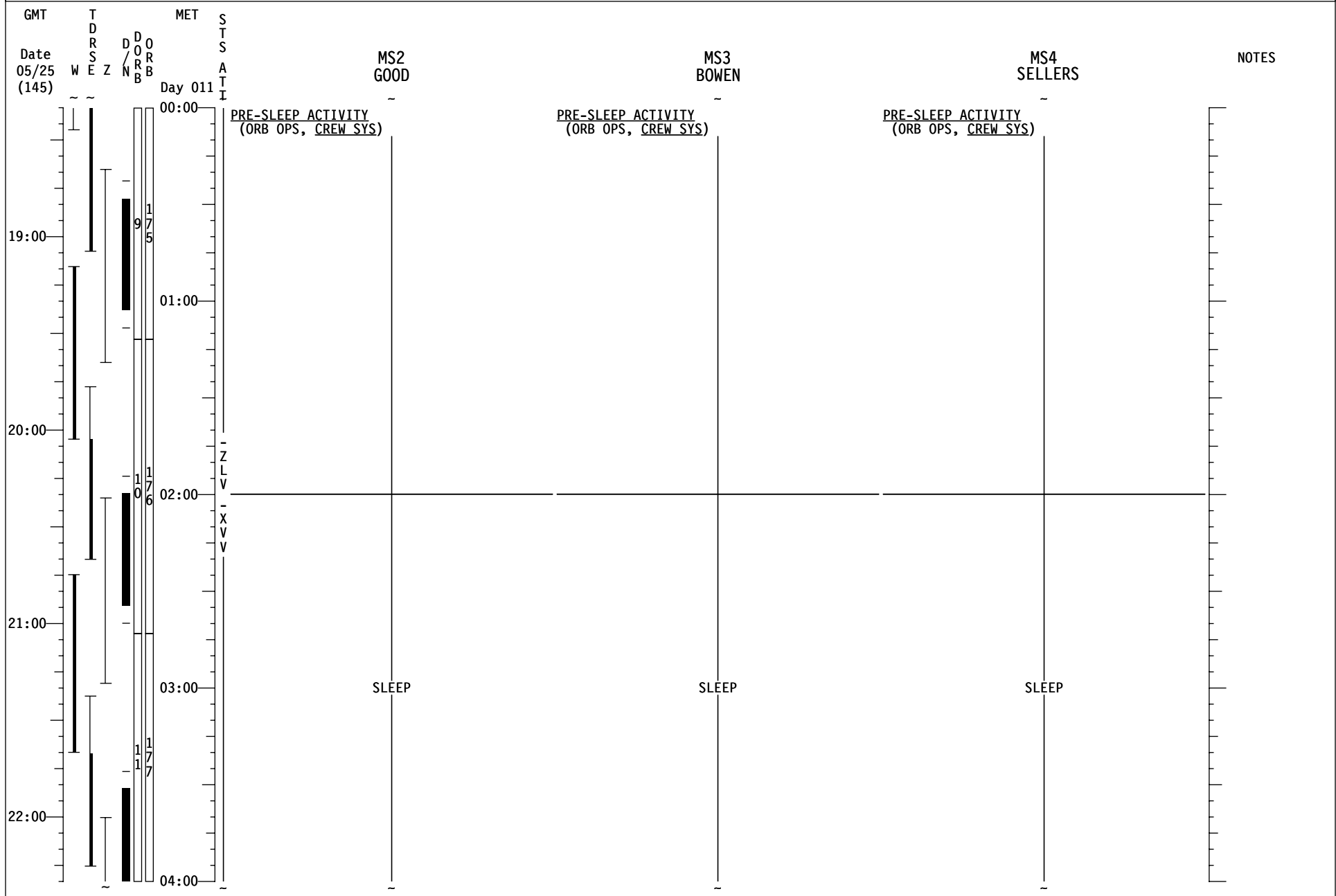
STS-132 FD (12)

GMT	TDRSEZ	MET	STS	MS2	MS3	MS4	NOTES
Date 05/25 (145)	W E Z	Day 010	ATTI	GOOD	BOWEN	SELLERS	
15:00		20:00		CABIN CONFIG/STOW	CABIN CONFIG/STOW	<u>GAP TERMINATION</u> (ASSY OPS, PAYLOADS) Terminate MICRO GAPS M7-M16 <u>CGBA ADJUST SET TEMP (ASSY OPS, PAYLOADS)</u> CGBA set point changes from 37° to 8° C <u>WLES DEACTIVATION AND TEARDOWN</u> (ORB OPS, WLES PROCEDURES)	
16:00		21:00	DUMP	<u>PUBLIC AFFAIRS EVENT</u> KU AVAIL: TDRE 21:01-21:26	<u>PUBLIC AFFAIRS EVENT</u> KU AVAIL: TDRE 21:01-21:26	<u>PUBLIC AFFAIRS EVENT</u> KU AVAIL: TDRE 21:01-21:26 <u>PGSC NETWORK (B. TEARDOWN)</u> <u>COLOR PRINTER STOW (ORB OPS, PGSC)</u> Stow color printer and all STS PGSCs	
17:00		22:00		CABIN CONFIG/STOW	CABIN CONFIG/STOW	CABIN CONFIG/STOW	
18:00		23:00	ZLV	<u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>KU-BD ANT STOW</u> (ORB OPS, COMM/INST) Deact CCTV <u>GLACIER STATUS CHECK (Cue Card)</u> <u>CGBA STATUS CHECK (Cue Card)</u> <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	
00:00			XVV				

STS-132 FD (12)



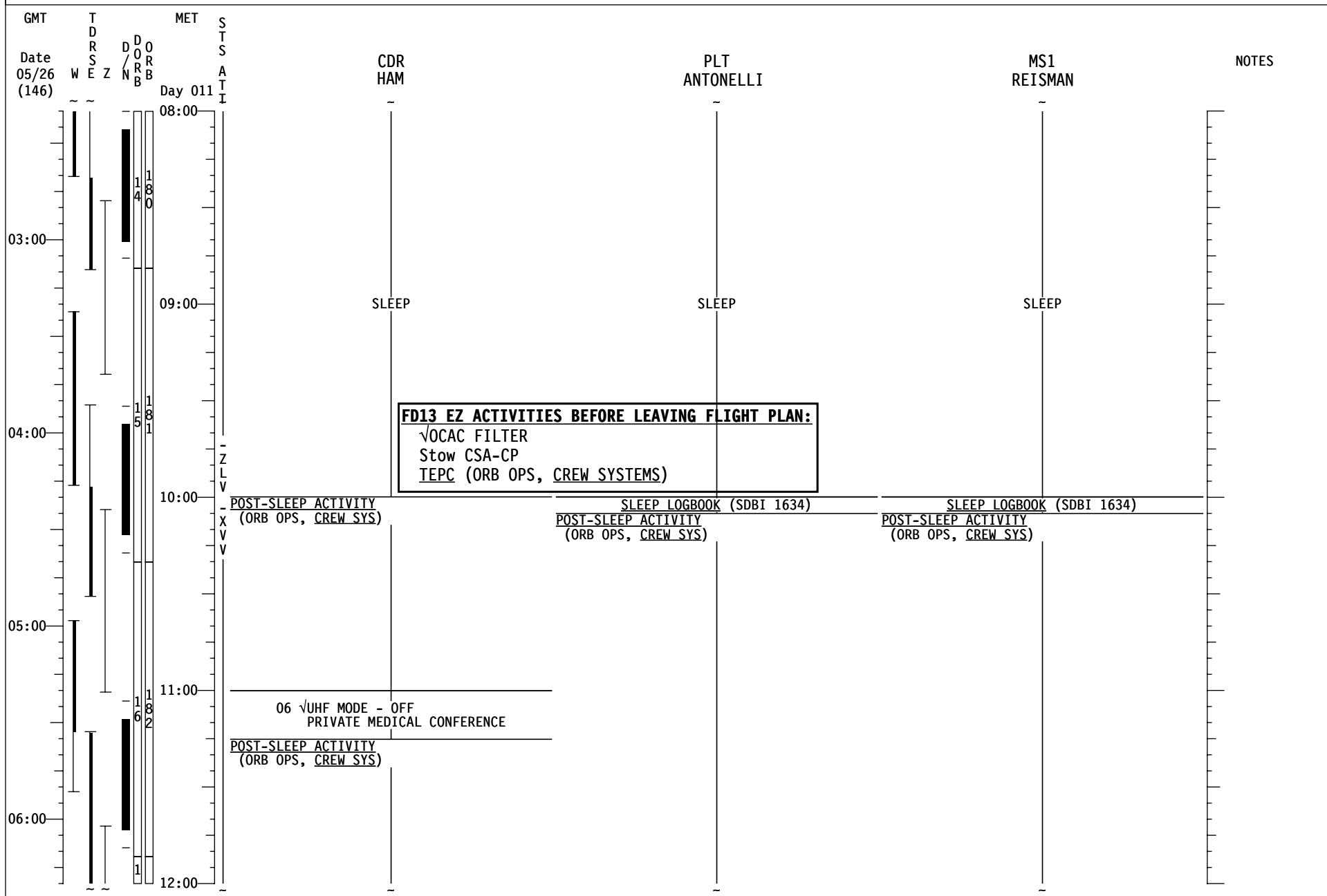
STS-132 FD (12)



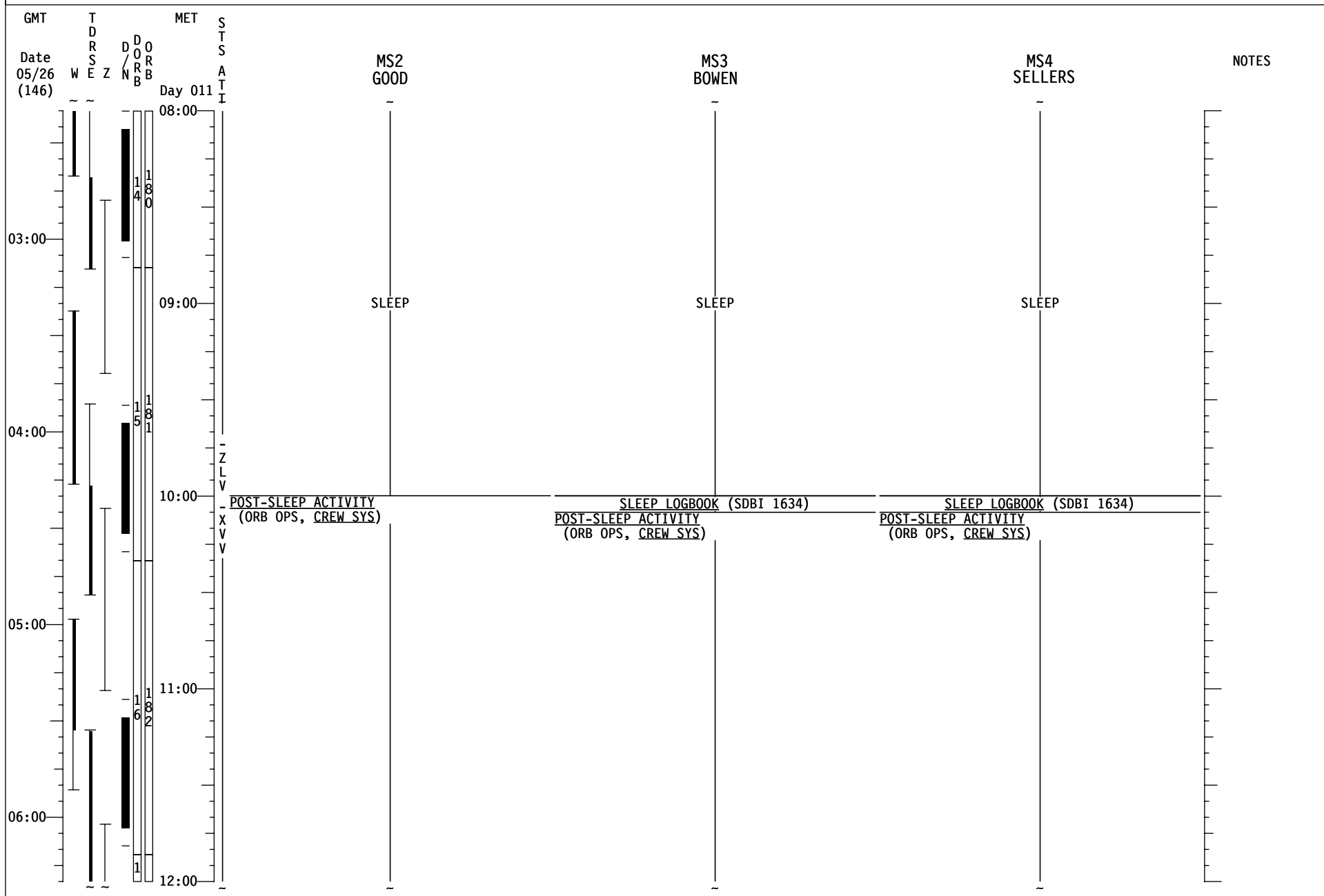
STS-132 FD (12)

GMT	TDRSEZ	MET	STS	CDR	PLT	MS1	NOTES
Date 05/25 (145)	W E Z	Day 011	ATTI	HAM	ANTONELLI	REISMAN	
	DORNB						
	1177	04:00					
23:00							
	1278	05:00					
00:00			ZLV	SLEEP	SLEEP	SLEEP	
	1379	06:00	XVV				
01:00							
	1480	07:00					
02:00							
		08:00					

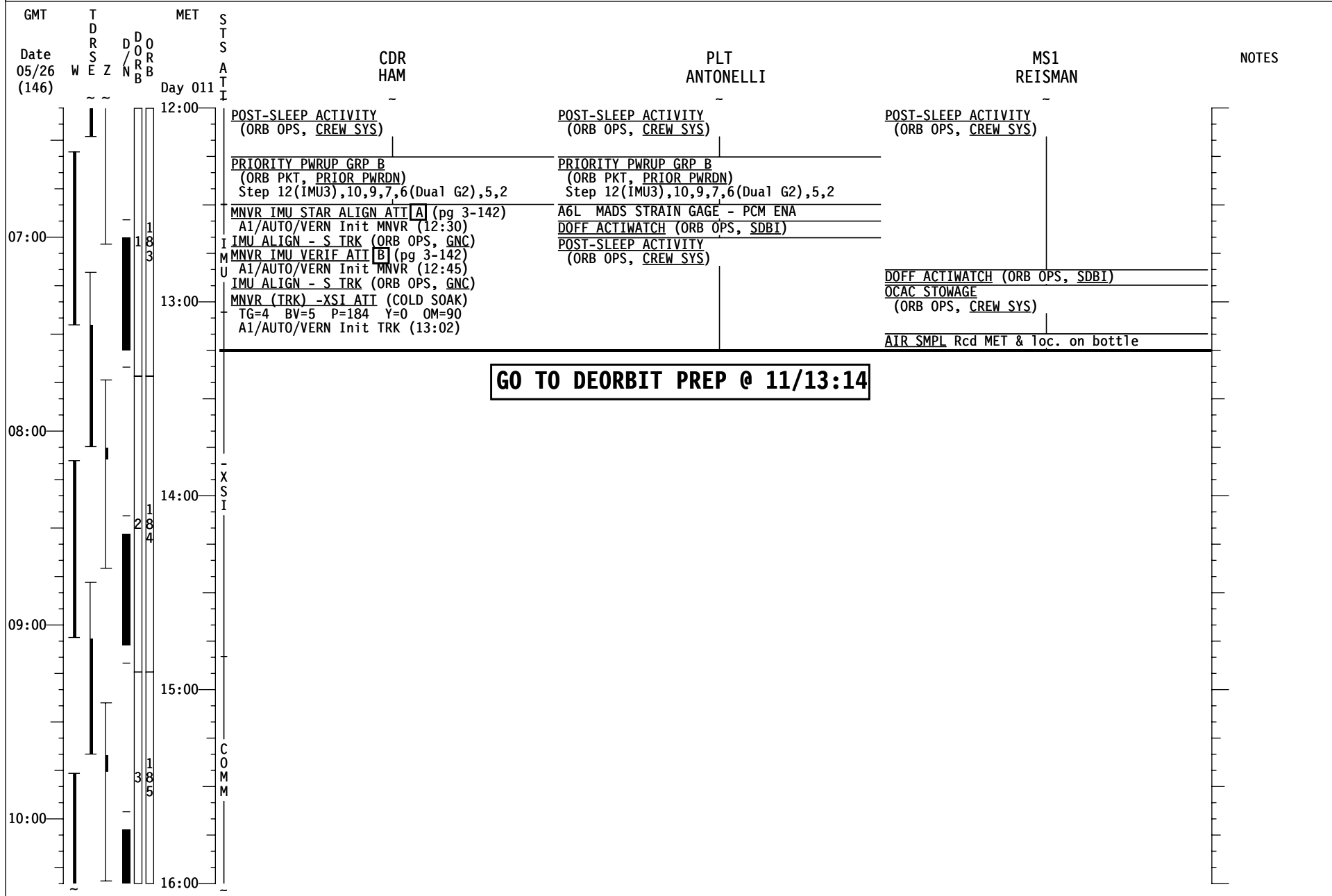
STS-132 FD (13)



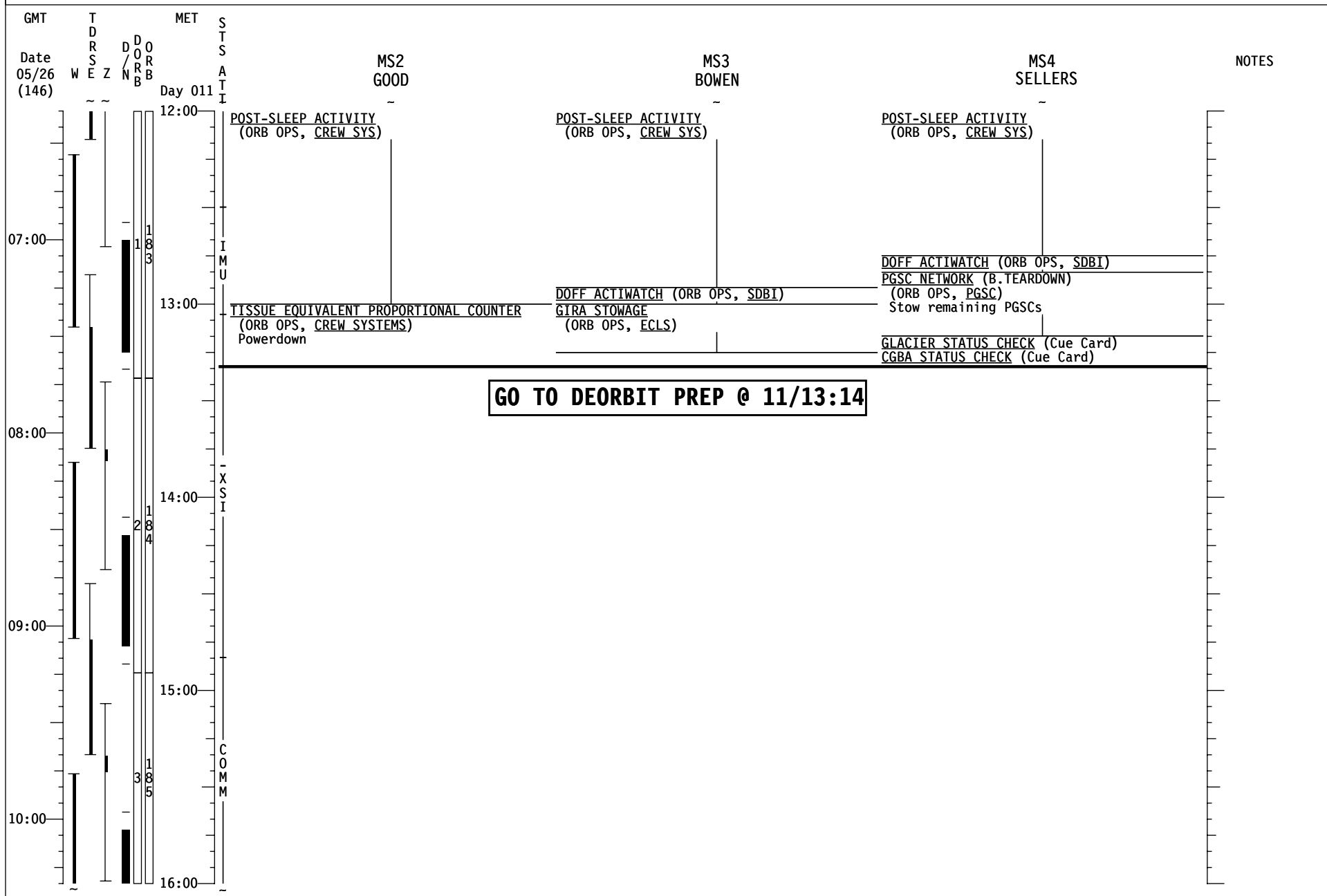
STS-132 FD (13)



STS-132 FD (13)



STS-132 FD (13)





FLIGHT PLAN

STS
132