

MSG 099A - FD10-12 FLIGHT PLAN REVISION

1 MSG INDEX

2

3 MSG NO. TITLE

4 099 FD10 FLIGHT PLAN REVISION

5 100 FD10 MISSION SUMMARY

6 104 FD11 PAO EVENT

7 105 UPDATED LiOH CUE CARD - SHUTTLE

8 106 FD10 UPDATED TRANSFER MESSAGE

9 107 FD__ MISSION SUMMARY TEMPLATE

10 108 FES PRI B WORDS

11 109 EECOM D/O PREP DELTAS

12

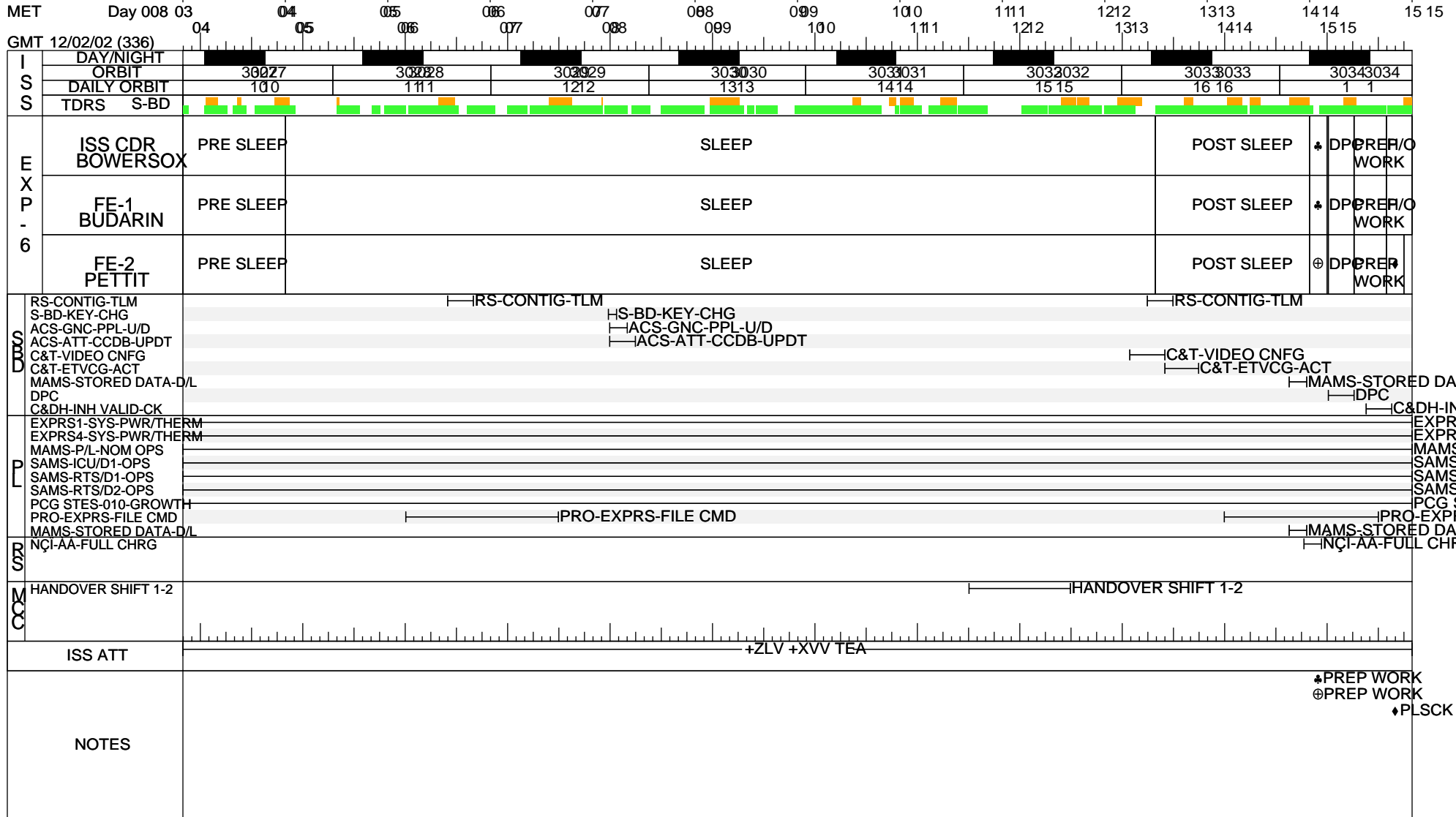
13

14

15 1. Per the FD10 Transfer List (MSG 101), item #736 tells you to transfer LiOH can s/n 042
16 to the shuttle LiOH box. Please label that can "ISS-9". Per your new LiOH cue card
17 (MSG 105), that can is needed for the FD11 pre-sleep changeout.

18

19 2. REPLACE PAGES 2-40 THROUGH 2-43,
20 AND 3-104 THROUGH 3-130.



FD10

12/02/02 04:19:54

REPLANNED

GMT 12/02/02 (336)

MET Day 008

		15	16	17	18	19	20	21	22	23	24	01	02	03				
		15	16	17	18	19	20	21	22	23	24	01	02	03				
STS - 1 1 3	CDR WETHERBEE	EXERCISE	IL OFF	FAREWELL	ISS EGRSS	GRWP BUP	MFNUVT	Future Mnv	UNDOCK OPS	SEP	YX LVV	GRWP BUP	MEPSI DEPLOY	ZX LVV	CABIN STOW	PRE SLEEP	PMC OCA	PRE SLEEP
	PLT LOCKHART	PS//TU V21	EXERCISE	FAREWELL	ISS EGRSS	P/TV S/U	GRWP BUP	ABUCDK IOU	UNDOCK OPS	SEP	GRWP BUP	MEPSI DEPLOY	VPIDS E/O	FILTER CLEANING	CABIN STOW	PRE SLEEP		
	MS1 LOPEZ-ALEGRIA	XFER	PXRF IENR TER	XBFR REIF	FAREWELL	HATCH CLOSE	HATCH LEAK CK	P/TV19 CTR LINE CM	UNDOCK OPS	SEP	POST UNDK PGSC CONF	CABIN STOW	EXERCISE	PRE SLEEP (GIRA)				
	MS2 HERRINGTON	XFER	FAREWELL	ISS EGRSS	HATCH LEAK CK	P/TV19 CTR LINE CM	UNDOCK OPS	SEP	COMM 1	P/TV08 S/U & OPS	OIU SSOR DEACT	EXERCISE	L-1 COMM	CABIN STOW	PRE SLEEP			
EXP - 5	ISS CDR KORZUN	H/O	FAREWELL	ISS EGRSS	MEAL	UNDOCK OPS	*	EXERCISE	PRE SLEEP									
	FE-1 WHITSON	H/O	PXRF IENR TER	H/O FAREWELL	ISS EGRSS	MEAL	UNDOCK OPS	EXERCISE	MDD CKC	PRE SLEEP								
	FE-2 TRESCHEV	H/O	FAREWELL	ISS EGRSS	MEAL	UNDOCK OPS	EXERCISE	PRE SLEEP										
DAY/NIGHT		[Shaded bars indicating day/night cycle]																
ORB ATT		BIAS -XLV +ZVV																
ORBIT		UNDOCK MEP -ZLV -XVV																
DAILY ORBIT		1335	1336	1337	1338	1339	14040	141141	142142	143143								
TDRS		W-171	E-47	[Shaded bars indicating TDRS activity]														
NOTES		* 8/19:15 ISS JETTISON																

FD10

FD011

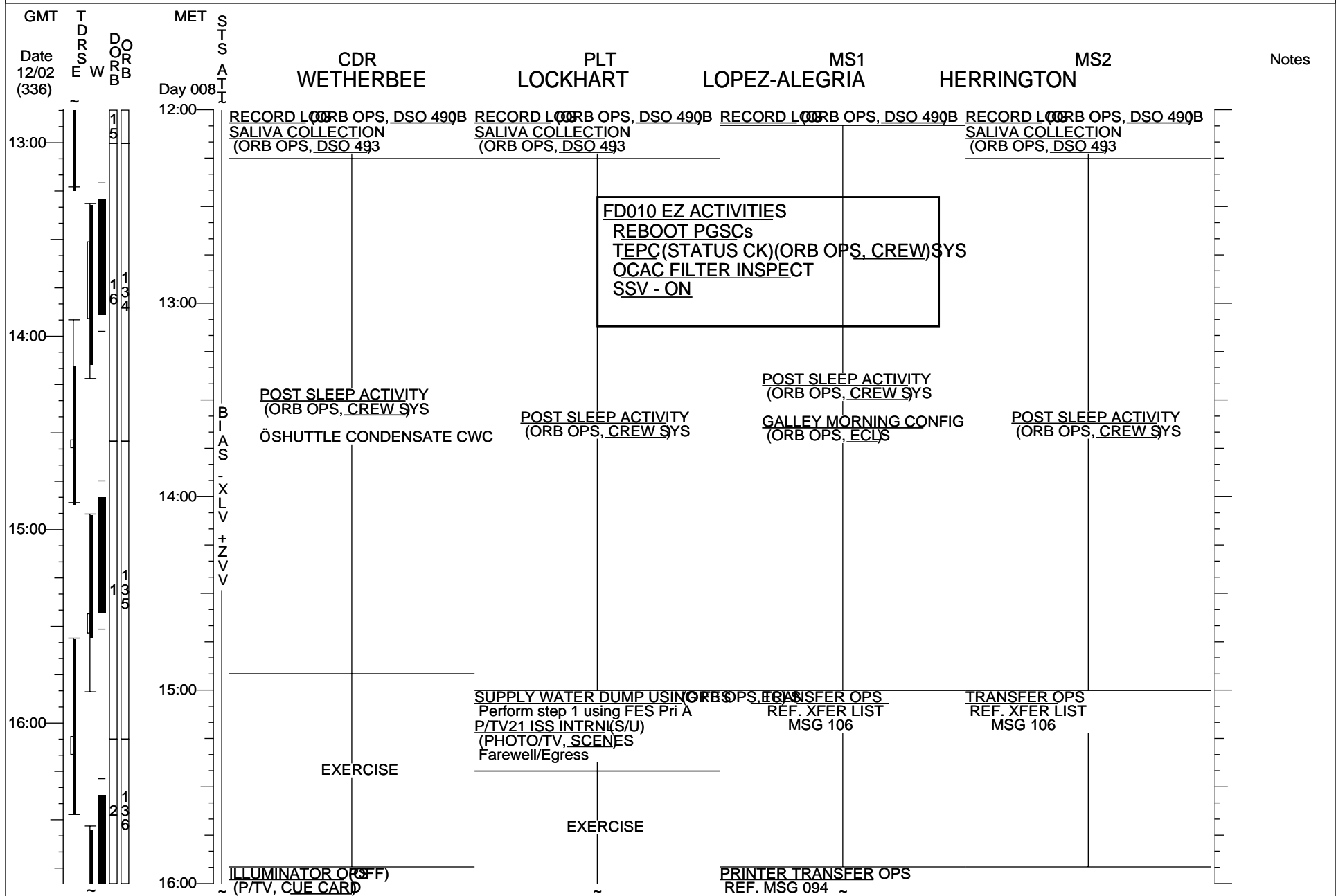
12/02/02 04:19:54

MET Day 008 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 01 02 03 04

GMT 12/02/02 (336)

I S S	DAY/NIGHT	16		17		18		19		20		21		22		23		24		25		26		27		28		29		30		01		02		03	
	ORBIT	30055		30056		30057		30058		30059		30060		30061		30062		30063		30064		30065		30066		30067		30068		30069		30070		30071		30072	
E X P - 6	DAILY ORBIT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	01	02	03	04		
	TDRS	KU																																			
ISS CDR BOWERSOX	H/O	FAREWELL	HATCH CLOSE	MEAL	PMA DEPART	PMA2 DEPRESS	CEN	CEVIS	CMS-NEW MEC SW INSTL	PRE SLEEP	SLEEP																										
	H/O	FAREWELL	FAREWELL	MEAL				EXERCISE REB	IMS BILE PREP	PRE SLEEP	SLEEP																										
	H/O	FAREWELL	HATCH CLOSE	MEAL				EXERCISE TVIS		PRE SLEEP	SLEEP																										
P	EXPRS1-SYS-PWR/THERM																											EXPRS1-									
	EXPRS4-SYS-PWR/THERM																											EXPRS4-									
	MAMS-P/L-NOM OPS																											MAMS-P/									
	SAMS-ICU/D1-OPS																											SAMS-IC									
	SAMS-RTS/D1-OPS																											SAMS-R7									
	SAMS-RTS/D2-OPS																											SAMS-R7									
PCG STES-010-GROWTH																											PCG STE										
PRO-EXPRS-FILE CMD																											PRO-EXPRS-FILE CMD										
ISS ATT	+ZLV +XVV TEA																																				
NOTES	*C&T-VDS-ST5-CNFG																																				
	*UNDOCKING																																				
																										@RWS-DCP CBLE-DISCON											
																										*VERIFY CONFIG X											
																										NAI-NDAE-ADIE-INSPECT											
																										CDRA DEACT SUPPORT											

STS-113 (FD10) REPLANNED



FD10

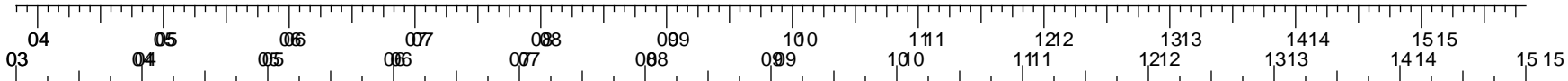
FD11

12/02/02 04:19:54

REPLANNED

GMT 12/03/02 (337)

MET Day 009



S T S - 1 1 3	CDR WETHERBEE	SLEEP	1212-1213	POST SLEEP	FCS C/O					
	PLT LOCKHART	SLEEP	1212-1213	POST SLEEP	FCS C/O					
	MS1 LOPEZ-ALEGRIA	SLEEP	1212-1213	POST SLEEP (GIRA)	LAUNCH ENTRY SUIT CK					
	MS2 HERRINGTON	SLEEP	1212-1213	POST SLEEP	POST SLEEP	FCS C/O				
E X P - 5	ISS CDR KORZUN	SLEEP	1212-1213	POST SLEEP	LAUNCH ENTRY SUIT CK					
	FE-1 WHITSON	SLEEP	1212-1213	POST SLEEP	LAUNCH ENTRY SUIT CK					
	FE-2 TRESCHEV	SLEEP	1212-1213	POST SLEEP	LAUNCH ENTRY SUIT CK					
DAY/NIGHT		[Day/Night Cycle Bar]								
ORB ATT		-ZLV -XVV								
ORBIT		1433	1444	1455	1466	1477	1488	1499	1510	1521
DAILY ORBIT		99	100	111	122	133	144	155	166	177
TDRS		[TDRS Activity Bar]								
W -171		[W-171 Activity Bar]								
E -47		[E-47 Activity Bar]								
NOTES										

FD11

12/02/02 04:19:54

REPLANNED

GMT 12/03/02 (337)

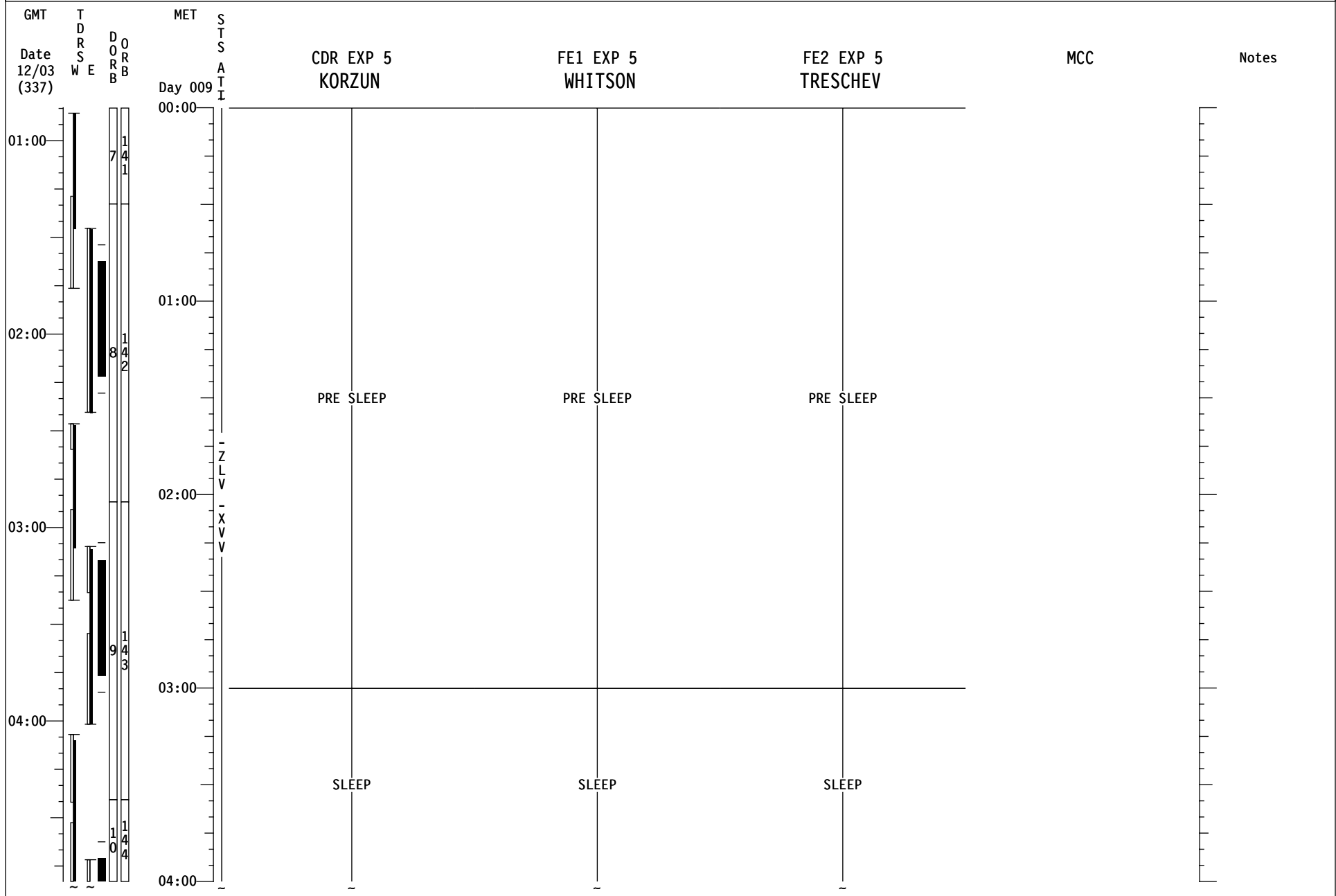
MET Day 009

		15	16	17	18	19	20	21	22	23	24	01	02	03		
		15	16	17	18	19	20	21	22	23	00	01	02	03		
STS-113	CDR WETHERBEE	FCS/O RCS/HF -ZYLVV ST INIT	CABIN STOW	WST/ERM CND/INT MCC/CK RPM/SR DNN	CABIN STOW	CND/ERM -ZLVV ST INIT	D/O PREP BRIEF	PE AV O E N T	MEAL	OFF DUTY	EXERCISE	OFF DUTY	PRE SLEEP PMC A/G	PRE SLEEP		
	PLT LOCKHART	FCS/O RCS/HF	POST EVA ENT PREP	CABIN STOW			D/O PREP BRIEF	PE AV O E N T	MEAL	RCMBNT SEAT S/U	OFF DUTY	EXERCISE	OFF DUTY	PRE SLEEP		
	MS1 LOPEZ-ALEGRIA	LAUNCH ENTRY SUIT CK	POST EVA ENT PREP	CABIN STOW	P/TV05 S/U	P/TV06 DEACT (SSV)	PS // TU V 0 2	D/O PREP BRIEF	PE AV O E N T	MEAL	CABIN STOW	OFF DUTY	EXERCISE	OFF DUTY	ERGO STOW MFX ACT	PRE SLEEP (GIRA)
	MS2 HERRINGTON	FCS/O RCS/HF	CWC/OND STOW	CABIN STOW			C O M M 2	D/O PREP BRIEF	PE AV O E N T	MEAL	L-1 COM	OFF DUTY	EXERCISE	ERGO STOW	PRE SLEEP	
EXP-5	ISS CDR KORZUN	LAUNCH ENTRY SUIT CK	CABIN STOW	EXERCISE	CABIN STOW		D/O PREP BRIEF	PE AV O E N T	MEAL	RCMBNT SEAT S/U	OFF DUTY			PRE SLEEP		
	FE-1 WHITSON	LAUNCH ENTRY SUIT CK	MDDK CK	EXERCISE	CABIN STOW		D/O PREP BRIEF	PE AV O E N T	MEAL	RCMBNT SEAT S/U	OFF DUTY	MDDK CK		PRE SLEEP		
	FE-2 TRESCHEV	LAUNCH ENTRY SUIT CK	EXERCISE	CABIN STOW	CABIN STOW		D/O PREP BRIEF	PE AV O E N T	MEAL	RCMBNT SEAT S/U	OFF DUTY			PRE SLEEP		
DAY/NIGHT		■		■		■		■		■		■		■		
ORB ATT		-ZLV +YVV														
ORBIT		-ZLV-XVV														
DAILY ORBIT		15 11	16 22	17 33	18 44	19 55	20 66	21 77	22 88	23 99	00 10	01 11	02 22	03 33	04 44	
TDRS		W -171	E -47													
NOTES																

STS-113 (FD 10) REPLANNED

GMT	TDRSEW	DORB	MET	STS	CDR WETHERBEE	PLT LOCKHART	MS1 LOPEZ-ALEGRIA	MS2 HERRINGTON	Notes
Date 12/03 (337)			Day 009	ATTI					
01:00		141			<p><u>PRE SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p> <p><u>SUPPLY WATER DUMP USING FES</u> (ORB OPS, ECLS) Perform Step 2 w/FES PRI A reqd</p>				
02:00		142			<p><u>VIDEO CONFERENCING</u> (ORB OPS, PGSC) Private Medical Conference KU Avail: 00:38 - 01:34 Worm @ 01:05</p>				
03:00		143		ZLV	<p><u>PRE SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p>	<p><u>PRE SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p>	<p><u>PRE SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p> <p><u>GALLEY OVERNIGHT CONFIG</u> (ORB OPS, ECLS)</p>	<p><u>PRE SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p>	OCA-PMC
04:00		144		XVV	<p><u>PRE SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)</p>	<p><u>A) OVERNIGHT PGSC CONFIG</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> FLOPPY DISK IN PROSHARE <input type="checkbox"/> OCA ROUTER - ON <input type="checkbox"/> PROSHARE - ON <input type="checkbox"/> KFX LAUNCHED ON PROSHARE & WINDECOM <p>CHECK APPLICATIONS CLOSED</p> <ul style="list-style-type: none"> <input type="checkbox"/> OUTLOOK <input type="checkbox"/> SSV -OFF 			
04:00		144			SLEEP	SLEEP	SLEEP	SLEEP	

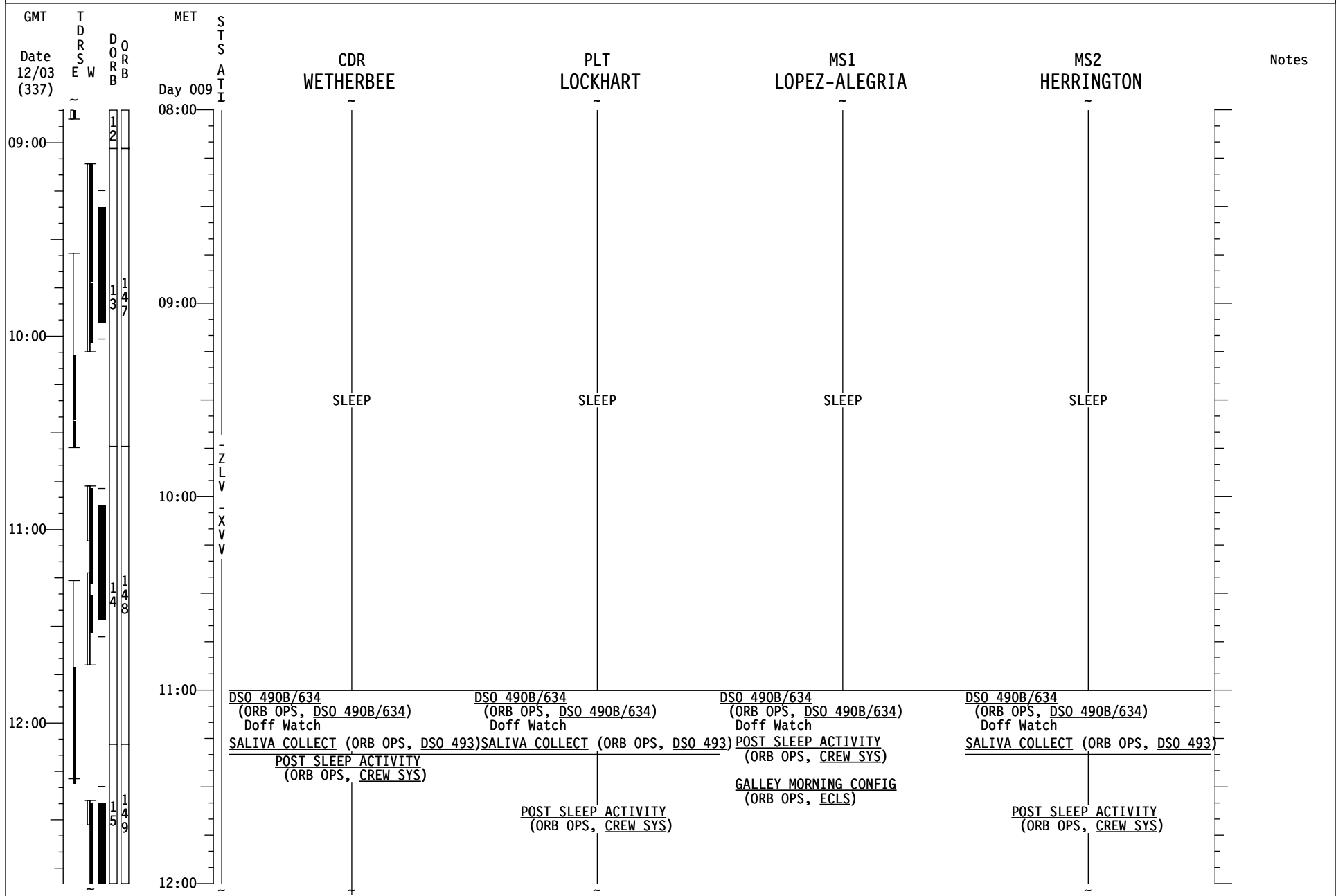
STS-113 (FD 10) REPLANNED



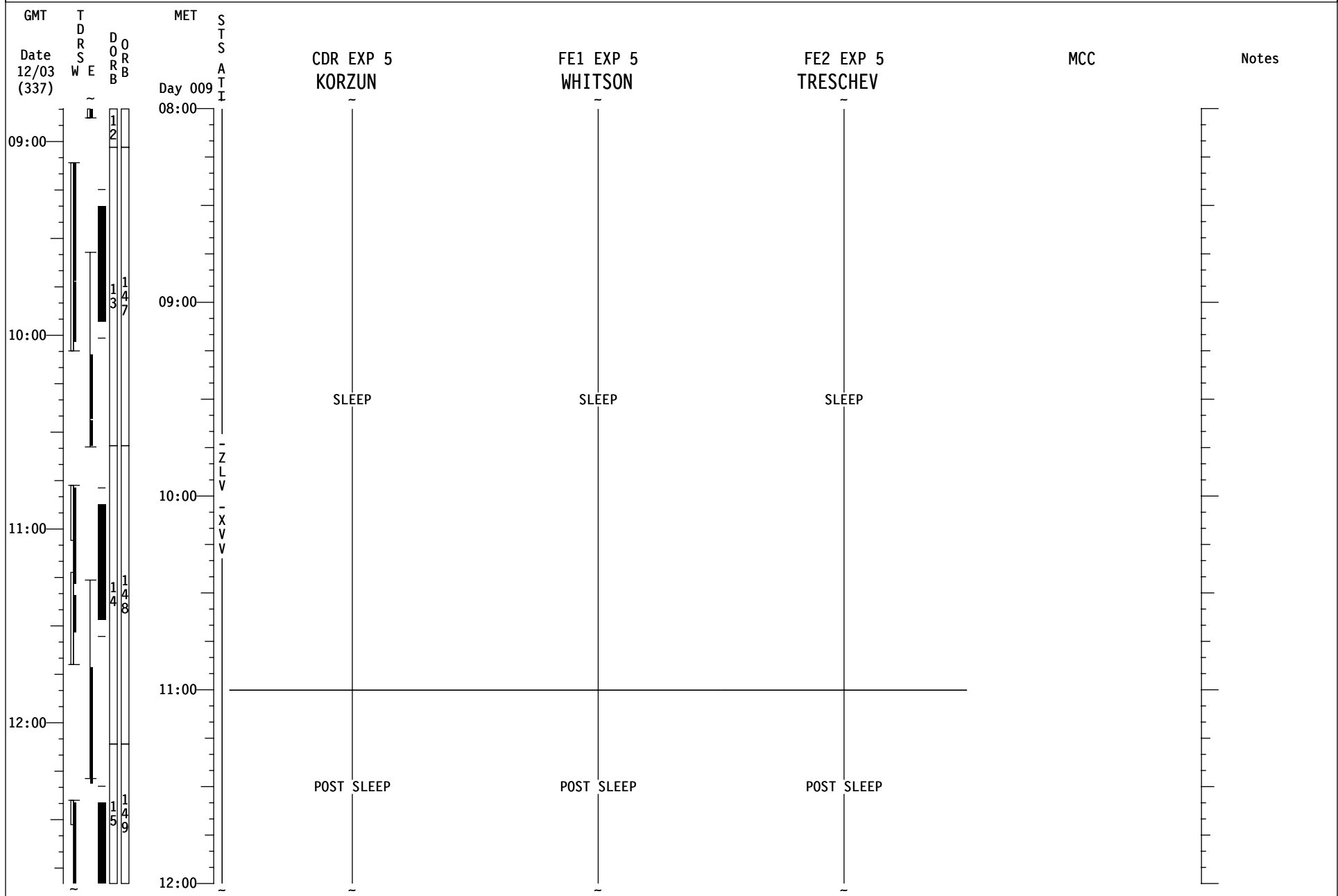
STS-113 (FD 10) REPLANNED

GMT Date 12/03 (337)	T D R S E W	D O R B	MET Day 009	S T S A T I	CDR WETHERBEE	PLT LOCKHART	MS1 LOPEZ-ALEGRIA	MS2 HERRINGTON	Notes
04:00									
05:00		144							
06:00		144							
07:00		145		Z L V	SLEEP	SLEEP	SLEEP	SLEEP	
08:00		146		X V V					

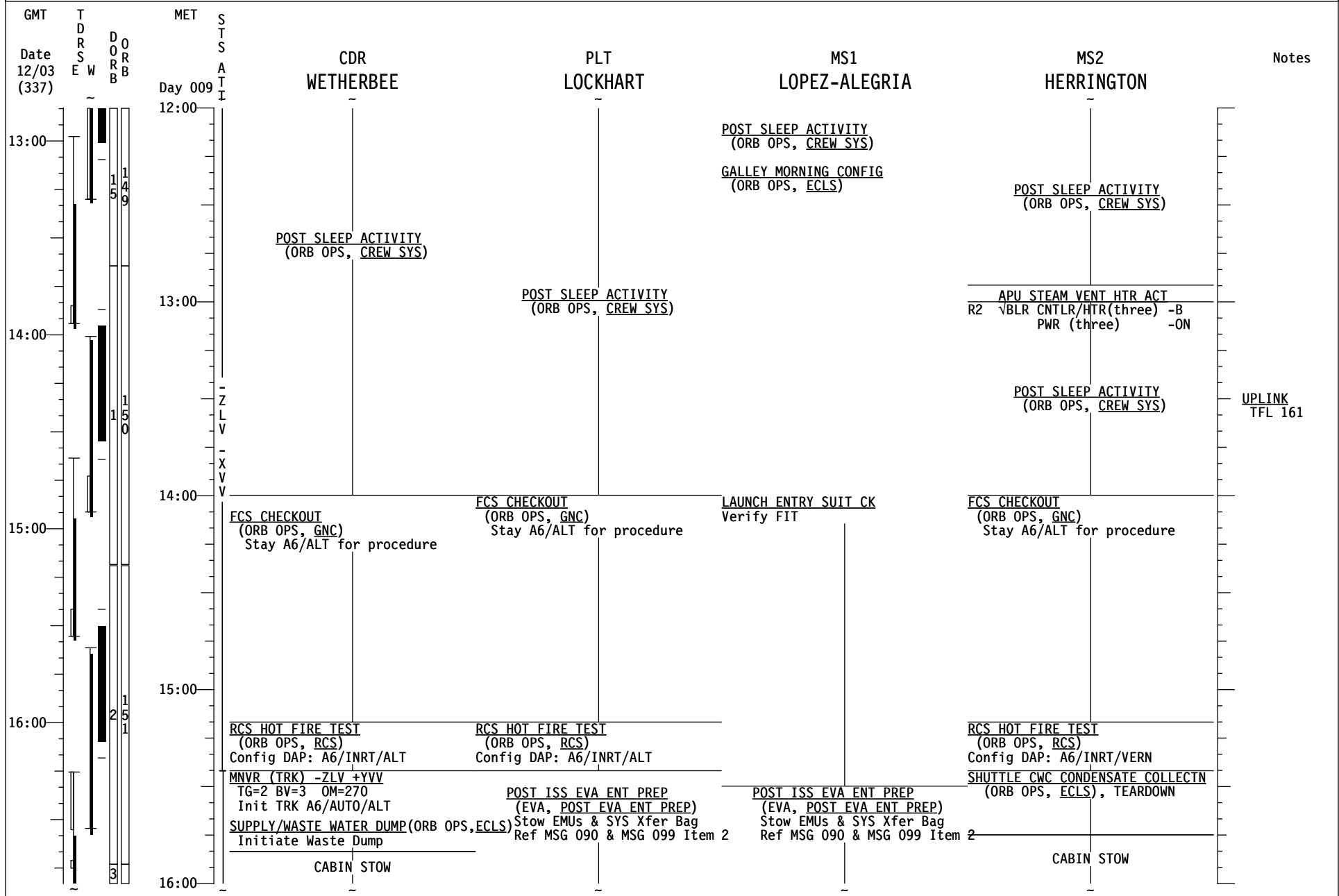
STS-113 (FD 11) REPLANNED



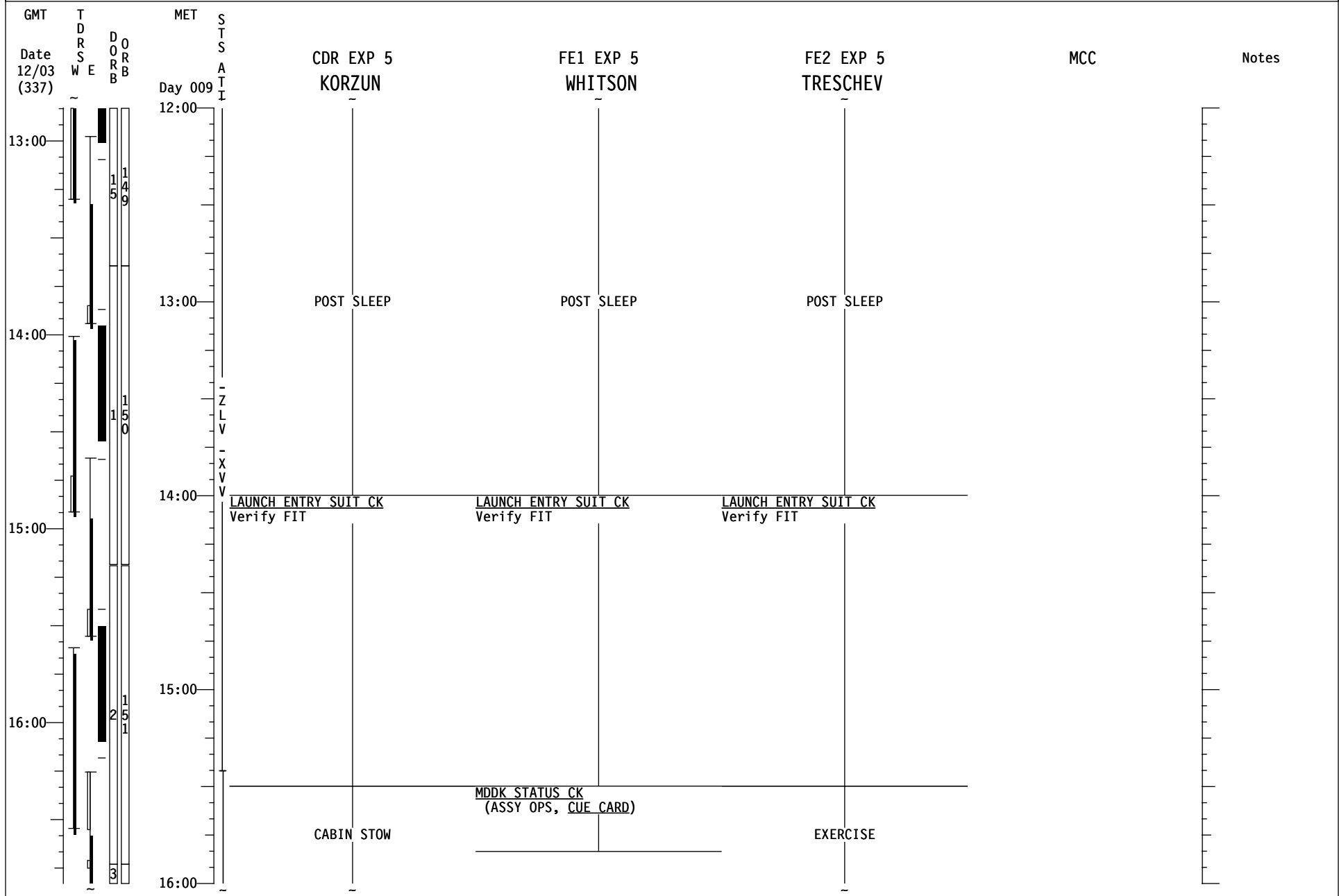
STS-113 (FD 11) REPLANNED



STS-113 (FD 11) REPLANNED



STS-113 (FD 11) REPLANNED



STS-113 (FD 11) REPLANNED

GMT	TDRS EW	DORB	MET	STS	CDR WETHERBEE	PLT LOCKHART	MS1 LOPEZ-ALEGRIA	MS2 HERRINGTON	Notes
Date 12/03 (337)			Day 009	16:00		POST ISS EVA ENT PREP (EVA, POST EVA ENT PREP) Stow EMUs & SYS Xfer Bag Ref MSG 090 & MSG 099 Item 2	POST ISS EVA ENT PREP (EVA, POST EVA ENT PREP) Stow EMUs & SYS Xfer Bag Ref MSG 090 & MSG 099 Item 2		
					CABIN STOW		CABIN STOW		
					SUPPLY/WASTE WATER DUMP(ORB OPS,ECLS) Z Terminate Waste Dump L CWC OVERBOARD DUMP (INIT) V (ORB OPS, ECLS) Steps1-3 + Dump 1 Orbtr Condnst CWC: S/N 5058 Y L17 Check MCIU filter screen V RMS POWERDOWN (STOW MPMS) V (PDRS OPS, RMS PWRDN) Steps 3,5,& 6				
				17:00		CABIN STOW	P/TV05 SETUP (ENTRY) (PHOTO/TV, SCENES)	CABIN STOW	
					CABIN STOW		P/TV06 DEACT (SSV) (PHOTO/TV, SCENES)		
				18:00					
					CWC OVERBOARD DUMP (TERM) (ORB OPS, ECLS) steps4-6 MNVR (TRK) -ZLV -XVV TG=2 BV=3 OM=0 Init TRK A6/AUTO/ALT		P/TV02 IN-CABIN ACTIVITIES (PHOTO/TV, SCENES) PAO Setup		
					SUPPLY WATER DUMP USING FES (ORB OPS,ECLS) Perform step 1 using FES Pri A			COMM STRING 1 C/O (PART B) (ORB OPS, COMM/INST)	
				19:00	D/O PREP BRIEF	D/O PREP BRIEF	D/O PREP BRIEF	D/O PREP BRIEF	
					PUBLIC AFFAIRS EVENT X KU AVAIL TDRE 19:06-19:34 V Ref MSG 104	PUBLIC AFFAIRS EVENT X KU AVAIL TDRE 19:06-19:34 V Ref MSG 104	PUBLIC AFFAIRS EVENT X KU AVAIL TDRE 19:06-19:34 V Ref MSG 104	PUBLIC AFFAIRS EVENT X KU AVAIL TDRE 19:06-19:34 V Ref MSG 104	
				20:00	MEAL	MEAL	MEAL	MEAL	

STS-113 (FD 11) REPLANNED

GMT	TDRS W E	DORB	MET Day 009	STS ATTI	CDR EXP 5 KORZUN	FE1 EXP 5 WHITSON	FE2 EXP 5 TRESCHEV	MCC	Notes
16:00									
17:00					CABIN STOW		EXERCISE		
						EXERCISE			
							CABIN STOW		
17:00				Z L V	EXERCISE				
18:00				+ Y V V					
						CABIN STOW			
18:00					CABIN STOW		CABIN STOW		
19:00									
					D/O PREP BRIEF	D/O PREP BRIEF	D/O PREP BRIEF		
19:00				Z L V					
20:00					PUBLIC AFFAIRS EVENT X KU AVAIL TDRE 19:06-19:34 V Ref MSG 104	PUBLIC AFFAIRS EVENT X KU AVAIL TDRE 19:06-19:34 V Ref MSG 104	PUBLIC AFFAIRS EVENT X KU AVAIL TDRE 19:06-19:34 V Ref MSG 104		
					MEAL	MEAL	MEAL		
20:00									

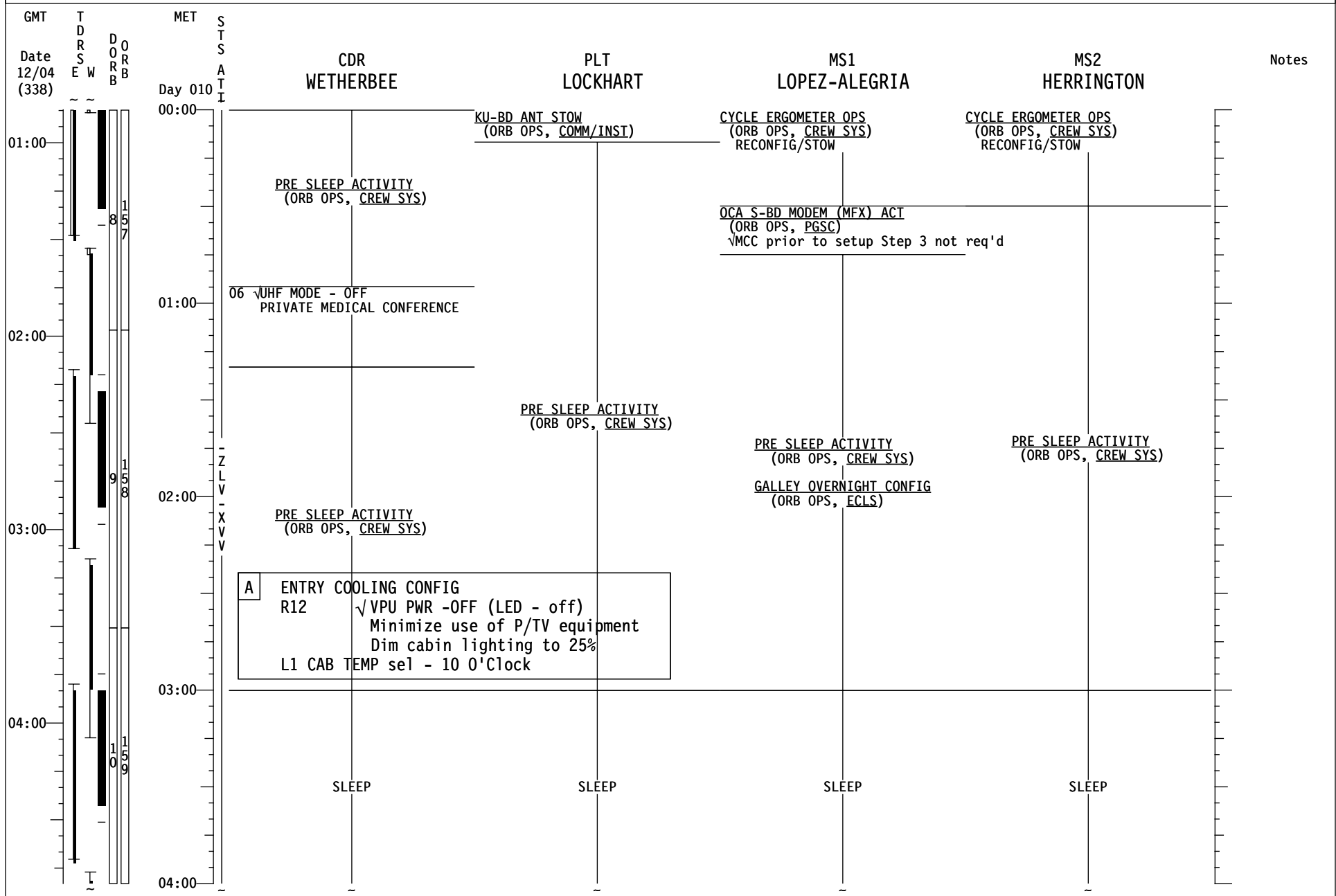
STS-113 (FD 11) REPLANNED

GMT	TDRSEW	DORB	MET	STS	CDR WETHERBEE	PLT LOCKHART	MS1 LOPEZ-ALEGRIA	MS2 HERRINGTON	Notes
Date 12/03 (337)			Day 009	20:00					
21:00		154			MEAL	MEAL	MEAL	MEAL	
		554				RECUMBENT SEAT KIT ATTACH (ORB OPS, RSK)		LANDING-1 COMM C/O (ORB OPS, COMM/INST) MLA 20:39-20:45	
					OFF DUTY		CABIN STOW		
22:00		155				OFF DUTY			
		655			EXERCISE		OFF DUTY	OFF DUTY	
23:00									
		756			SUPPLY WATER DUMP USING FES (ORB OPS, ECLS) Perform Step 2 w/FES PRI A reqd	EXERCISE			
					OFF DUTY		EXERCISE		
00:00		157				OFF DUTY		EXERCISE	
		857					OFF DUTY		
00:00									

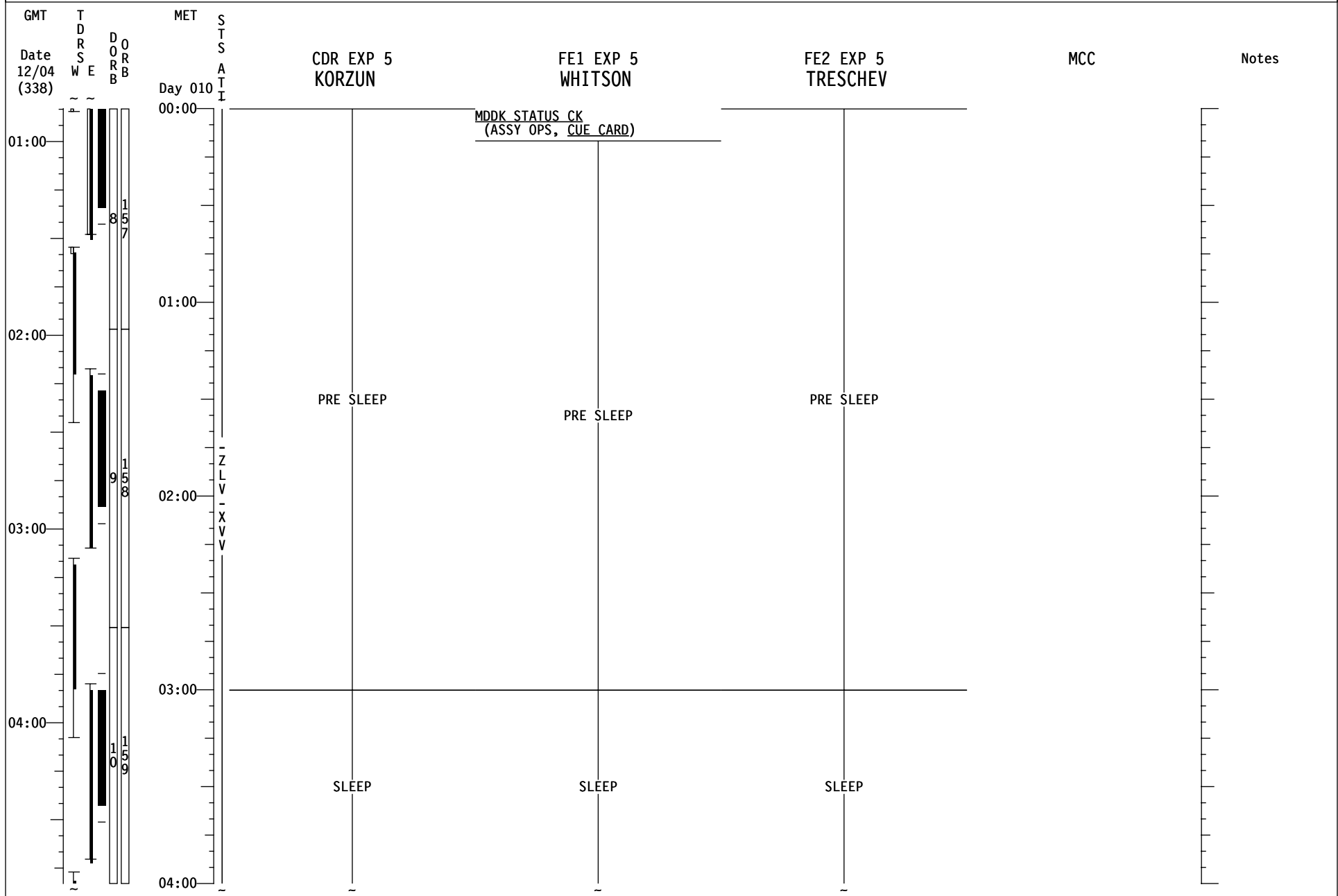
STS-113 (FD 11) REPLANNED

GMT	T D R S W E	D O R B	MET	S T S A T T I	CDR EXP 5 KORZUN	FE1 EXP 5 WHITSON	FE2 EXP 5 TRESCHEV	MCC	Notes
Date 12/03 (337)			Day 009	20:00					
21:00		154			MEAL	MEAL	MEAL		
		554			<u>RECUMBENT SEAT KIT ATTACH</u> (ORB OPS, RSK)	<u>RECUMBENT SEAT KIT ATTACH</u> (ORB OPS, RSK)	<u>RECUMBENT SEAT KIT ATTACH</u> (ORB OPS, RSK)		
22:00		155							
		655							
23:00		156			OFF DUTY	OFF DUTY	OFF DUTY		
		756							
00:00		157							
		857							
00:00									

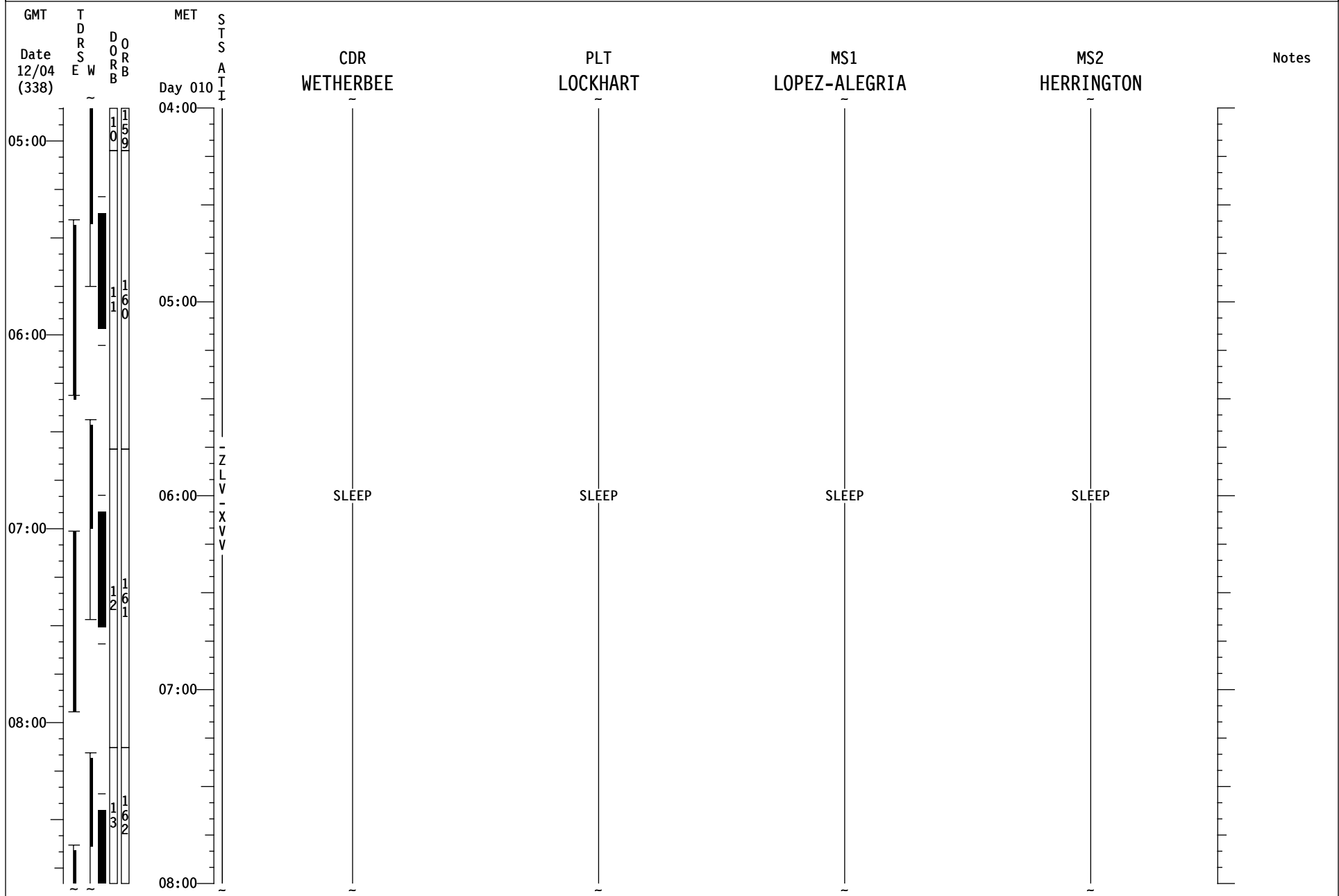
STS-113 (FD 11) REPLANNED



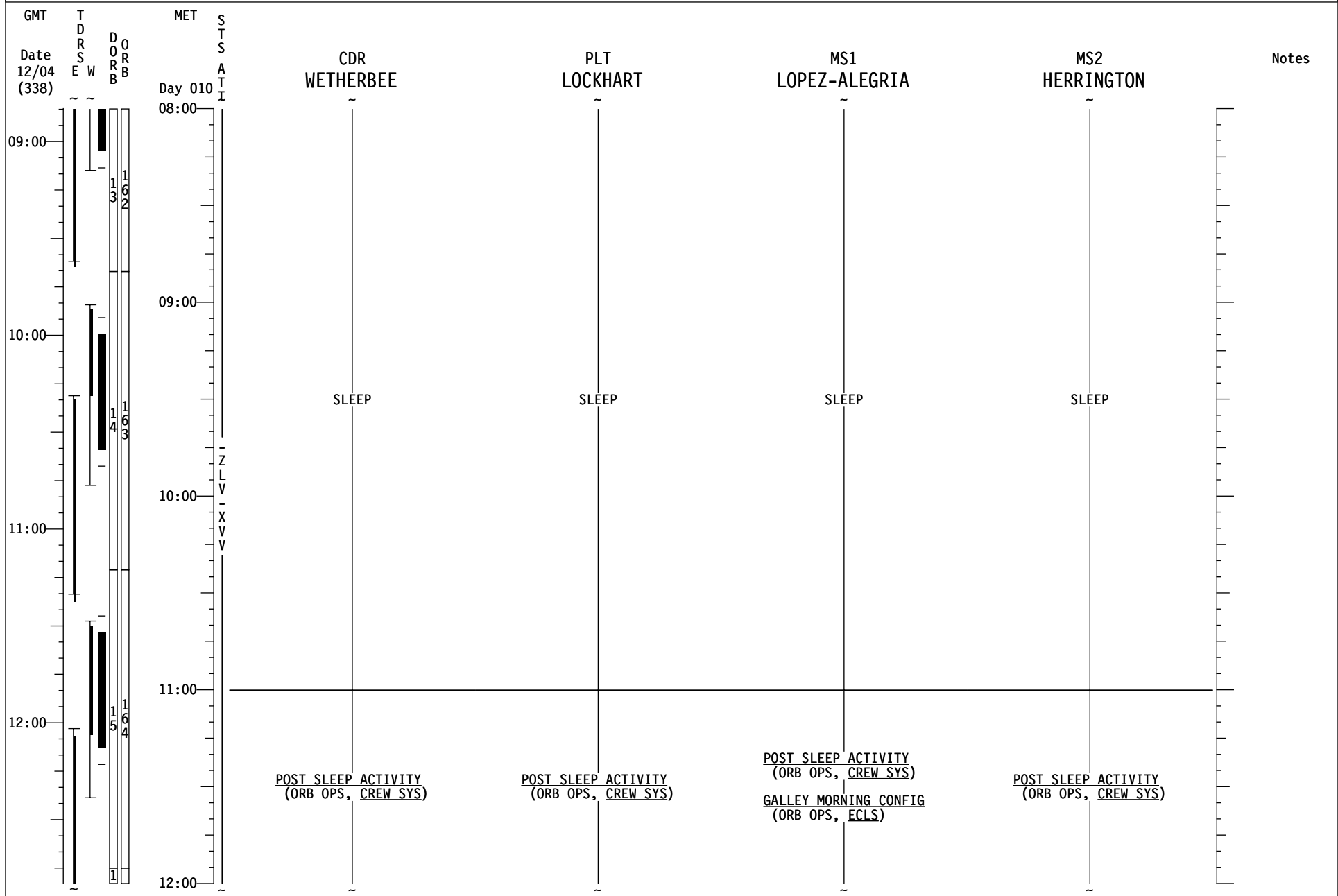
STS-113 (FD 11) REPLANNED



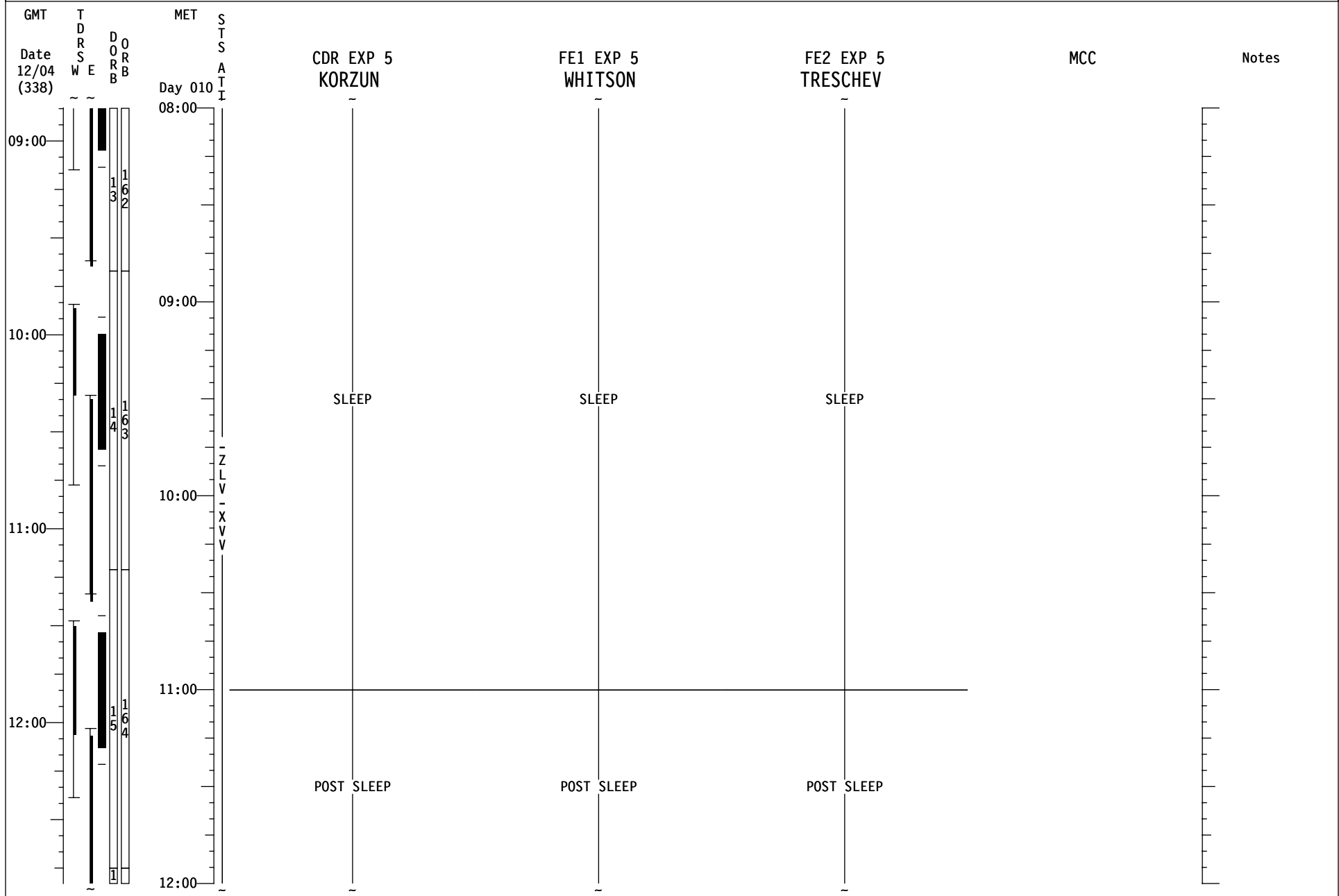
STS-113 (FD 11) REPLANNED



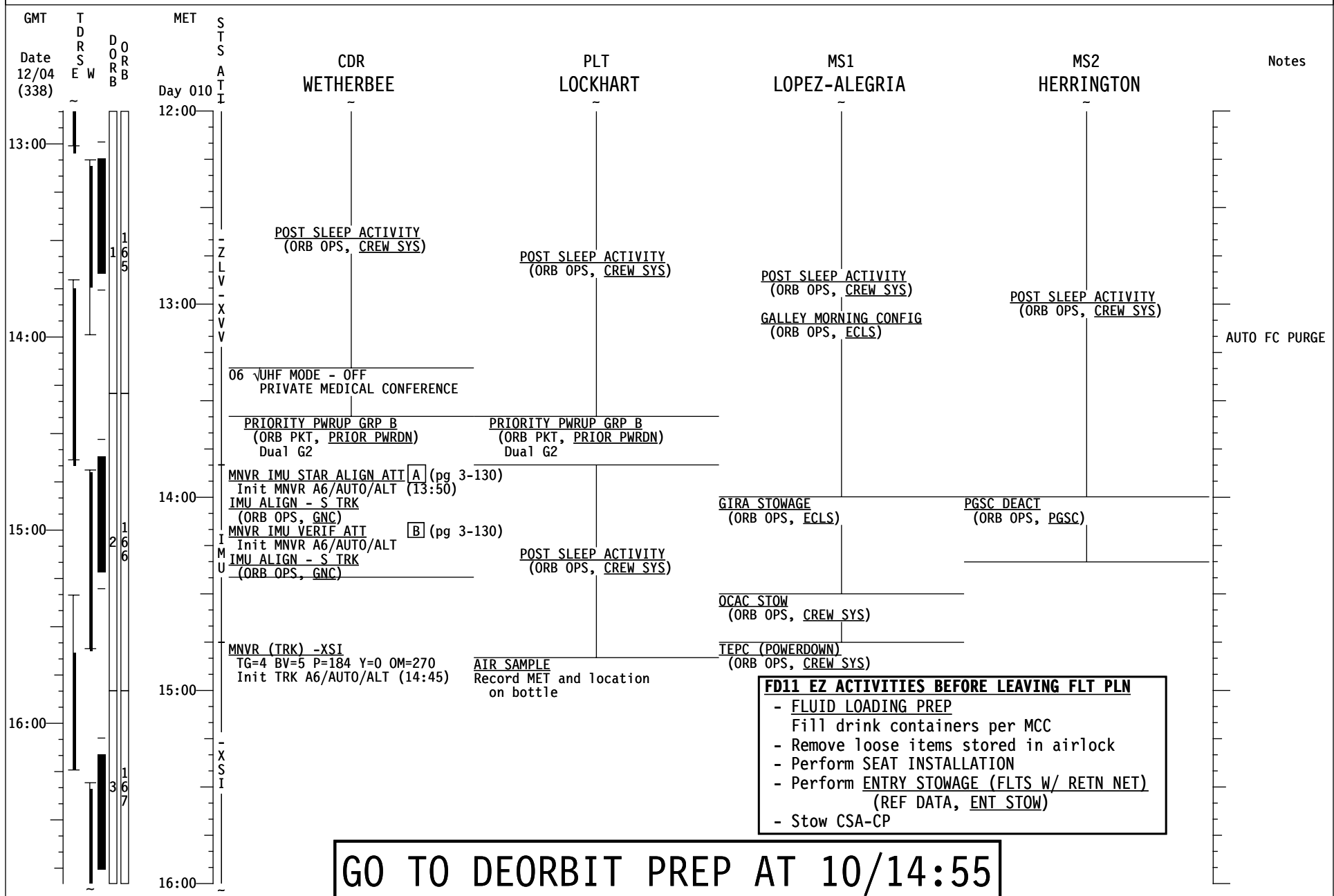
STS-113 (FD 12) REPLANNED



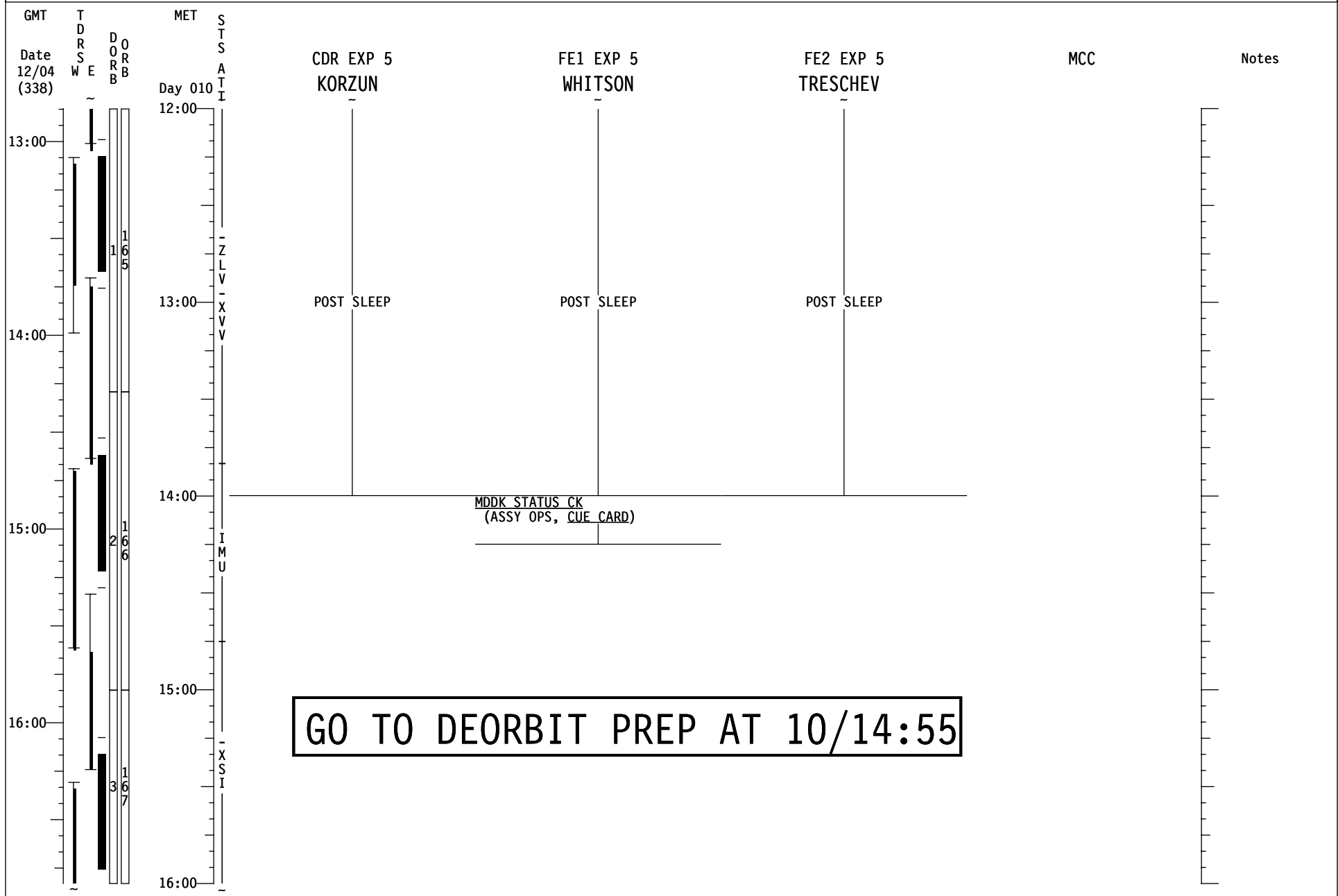
STS-113 (FD 12) REPLANNED



STS-113 (FD 12) REPLANNED



STS-113 (FD 12) REPLANNED



GO TO DEORBIT PREP AT 10/14:55

REPLANNED

A	IMU STAR ALIGN
ID: -Y: 50, AVIOR MET (10/14:03 TO 10/14:52)	
-Z: 31, CASTOR MET (10/13:47 TO 10/14:32)	
ANG DIFF: 91.9	
DUAL S TRKR 2nd ATTITUDE <u>ALIGNMENT</u> (SINGLE S TRKR)	
-Z: 50 -Y: 31	
R 115	R 27 213
P 16	P 13 358
Y 33	Y 18 34
REQD ID:	
-Y: ____, -Z: ____, ANG ERR ____, ____	
ANG: 1 2 3	
ΔX () ____, ____ () ____, ____ () ____, ____	
ΔY () ____, ____ () ____, ____ () ____, ____	
ΔZ () ____, ____ () ____, ____ () ____, ____	
EXECUTION TIME: __/__:__:__ MET	

B	IMU STAR VERIFICATION
ID: -Y: 16, ACHERNAR MET (10/13:55 TO 10/14:53)	
-Z: 53, MENKENT MET (10/14:15 TO 10/15:05)	
ANG DIFF: 86.2	
DUAL S TRKR 2nd ATTITUDE <u>ALIGNMENT</u> (SINGLE S TRKR)	
-Z: 16 -Y: 53	
R 262	R 158 342
P 151	P 171 159
Y 63	Y 63 53
REQD ID:	
-Y: ____, -Z: ____, ANG ERR ____, ____	
ANG: 1 2 3	
ΔX () ____, ____ () ____, ____ () ____, ____	
ΔY () ____, ____ () ____, ____ () ____, ____	
ΔZ () ____, ____ () ____, ____ () ____, ____	
If any ΔX, ΔY, OR ΔZ > 0.1 Check MCC	
EXECUTION TIME: __/__:__:__ MET	