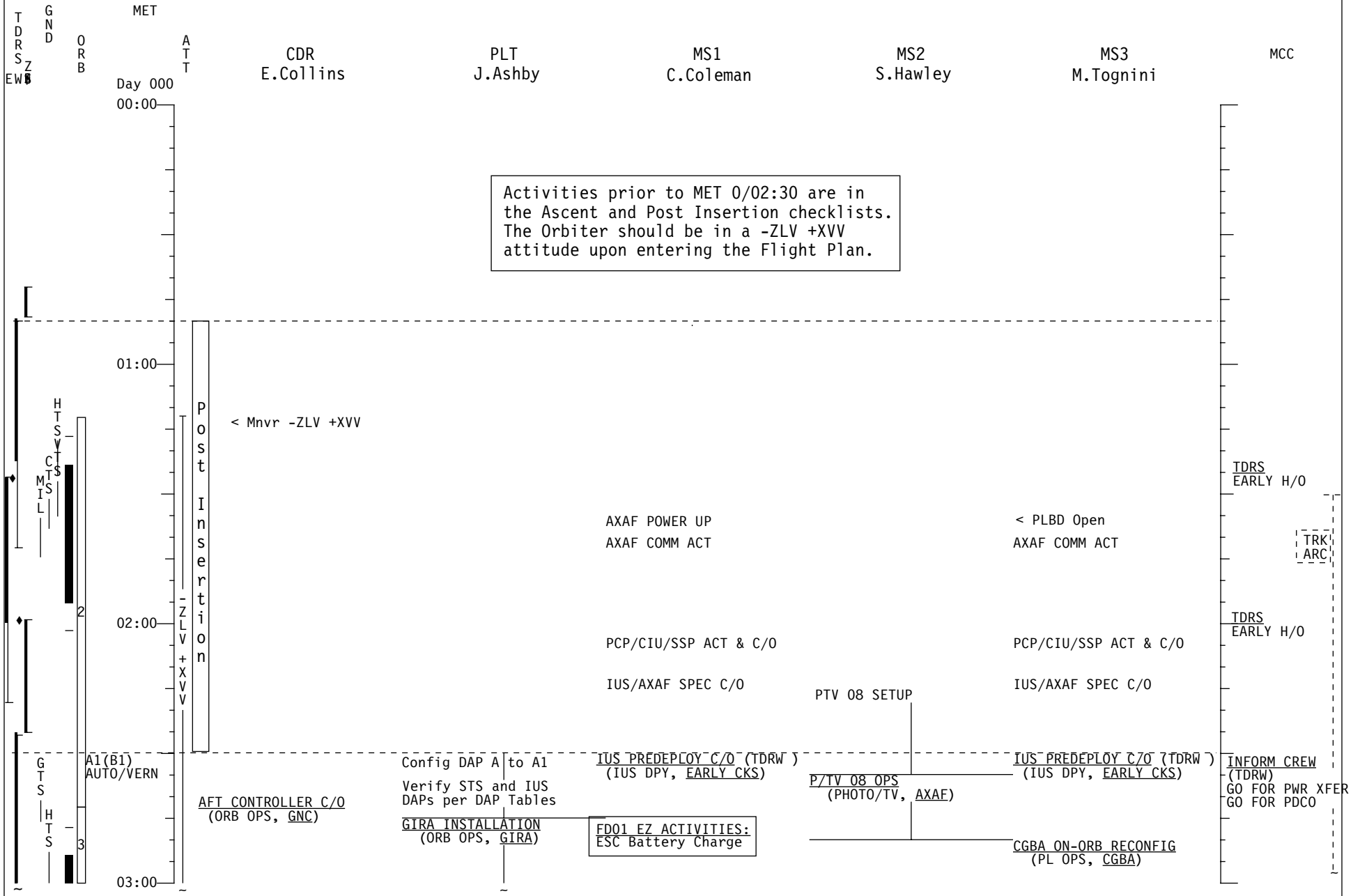


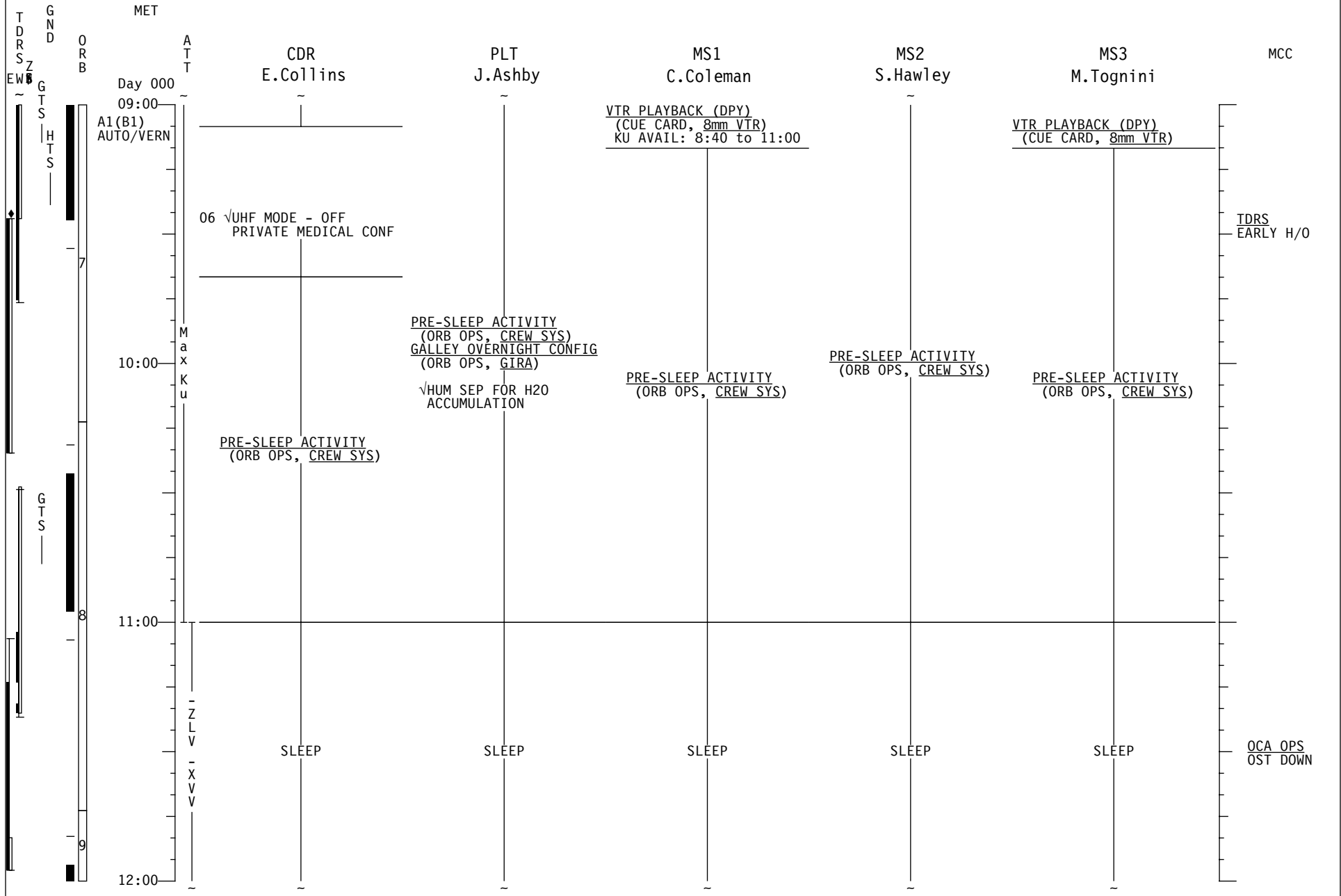
# STS-93 (FD01)



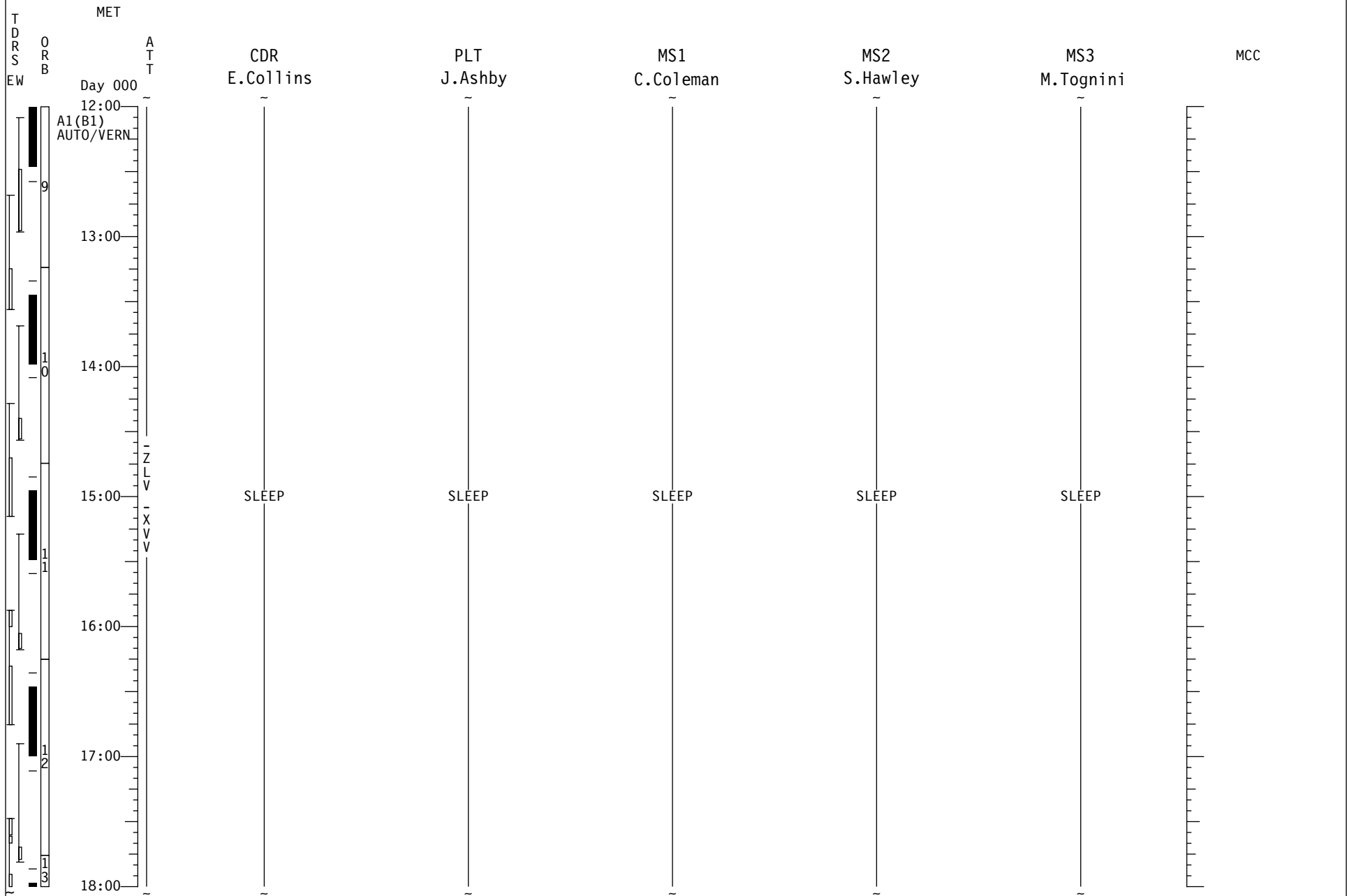




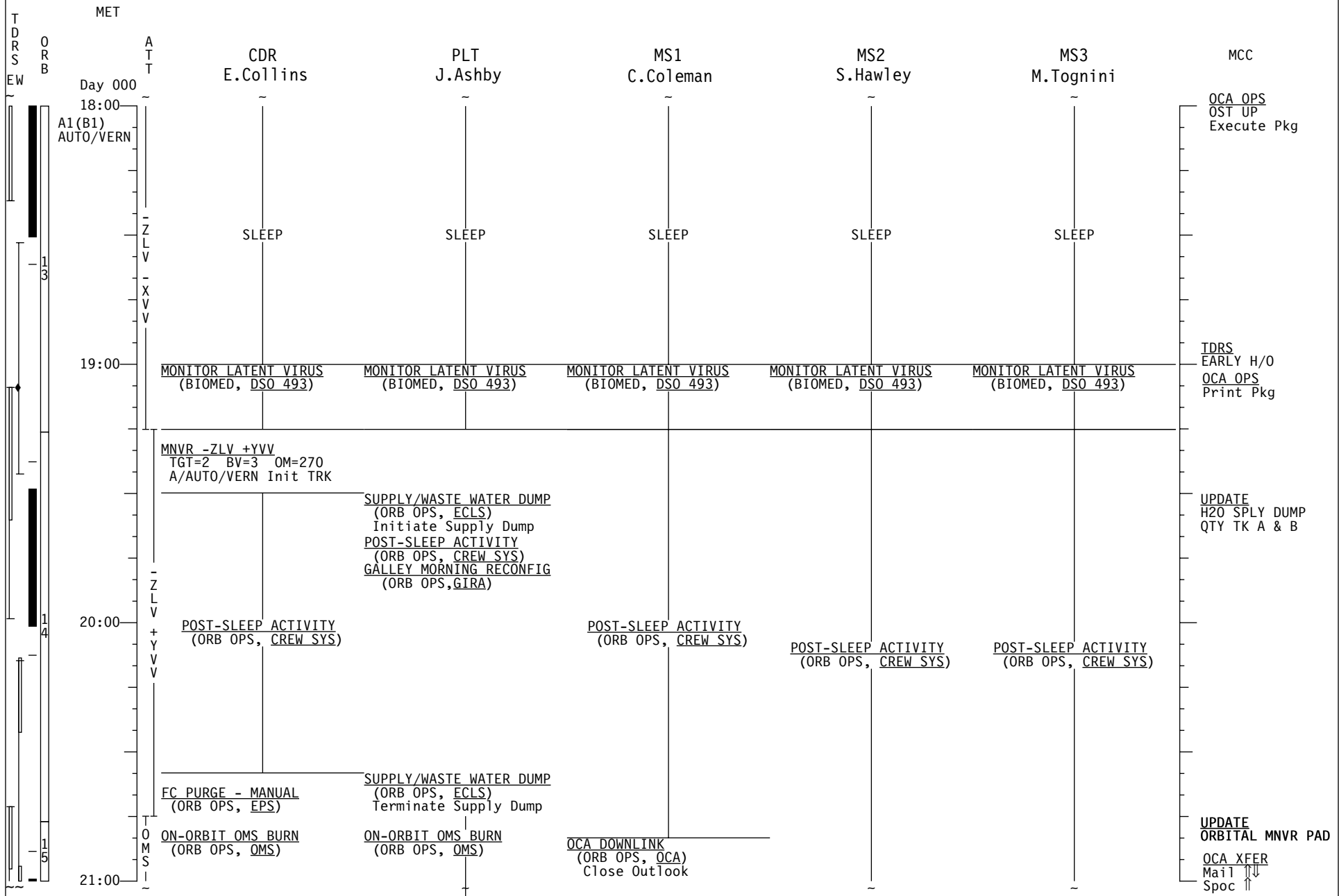
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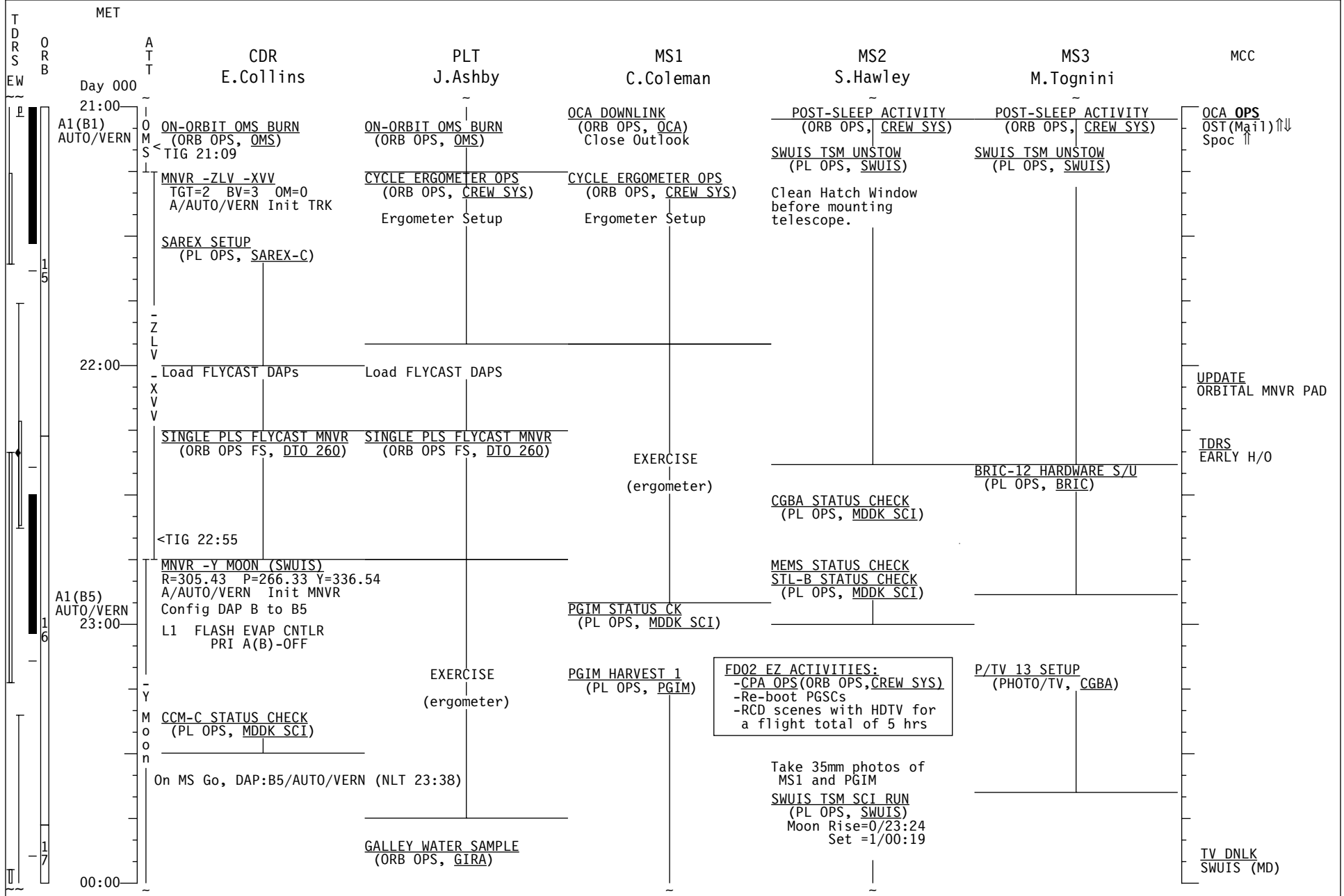
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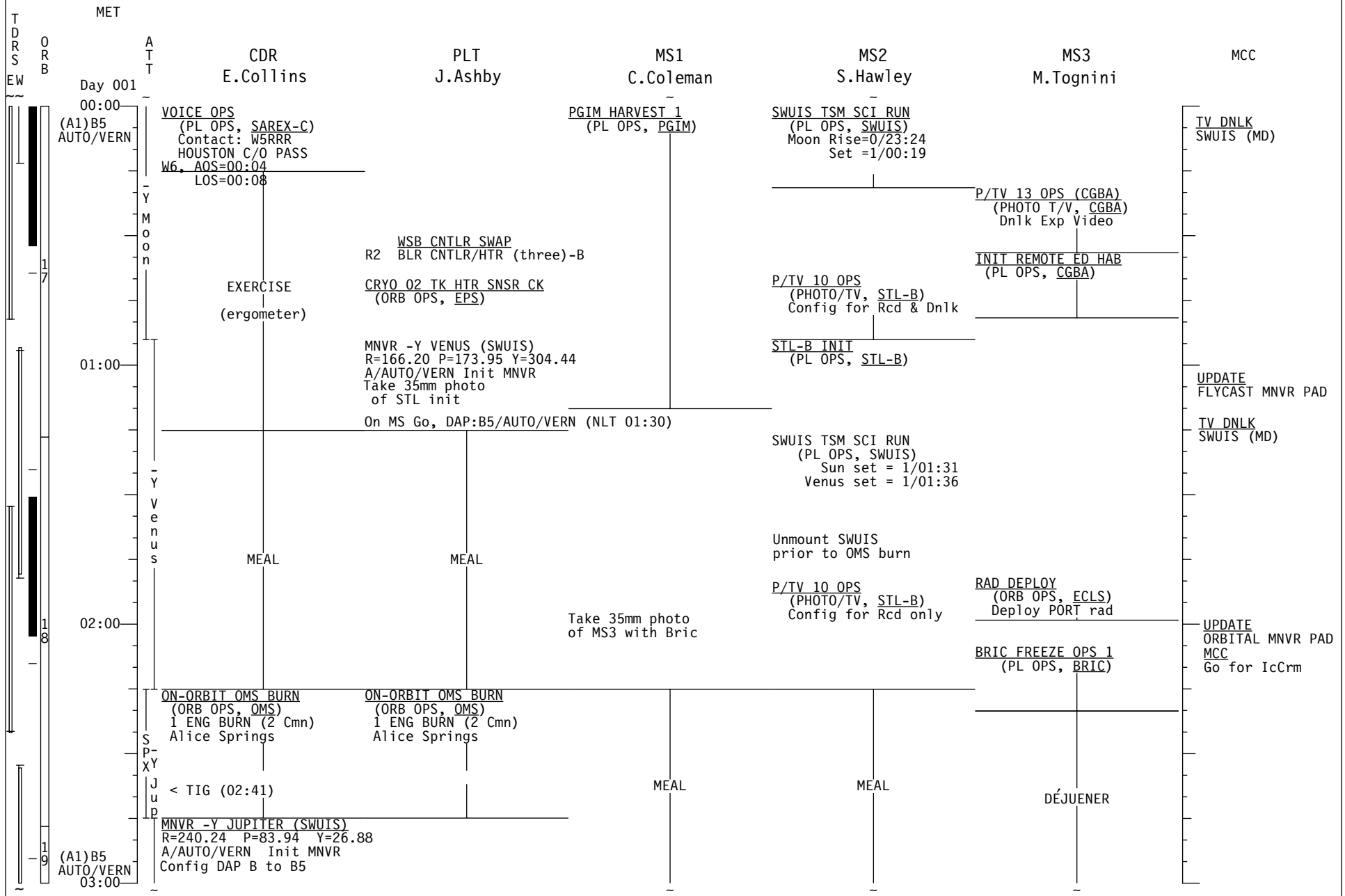
# STS-93 (FD02)



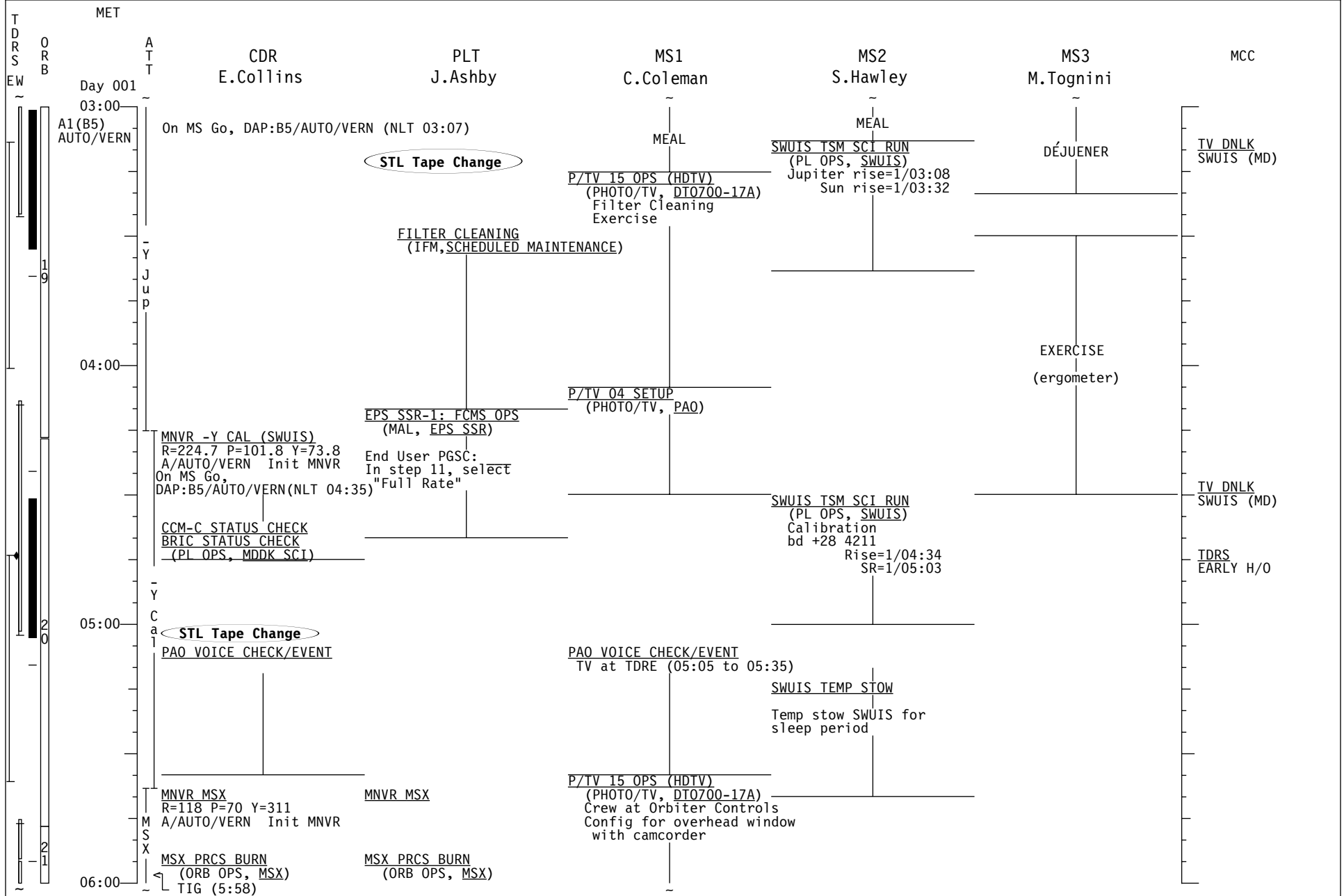
# STS-93 (FD02)



# STS-93 (FD02)



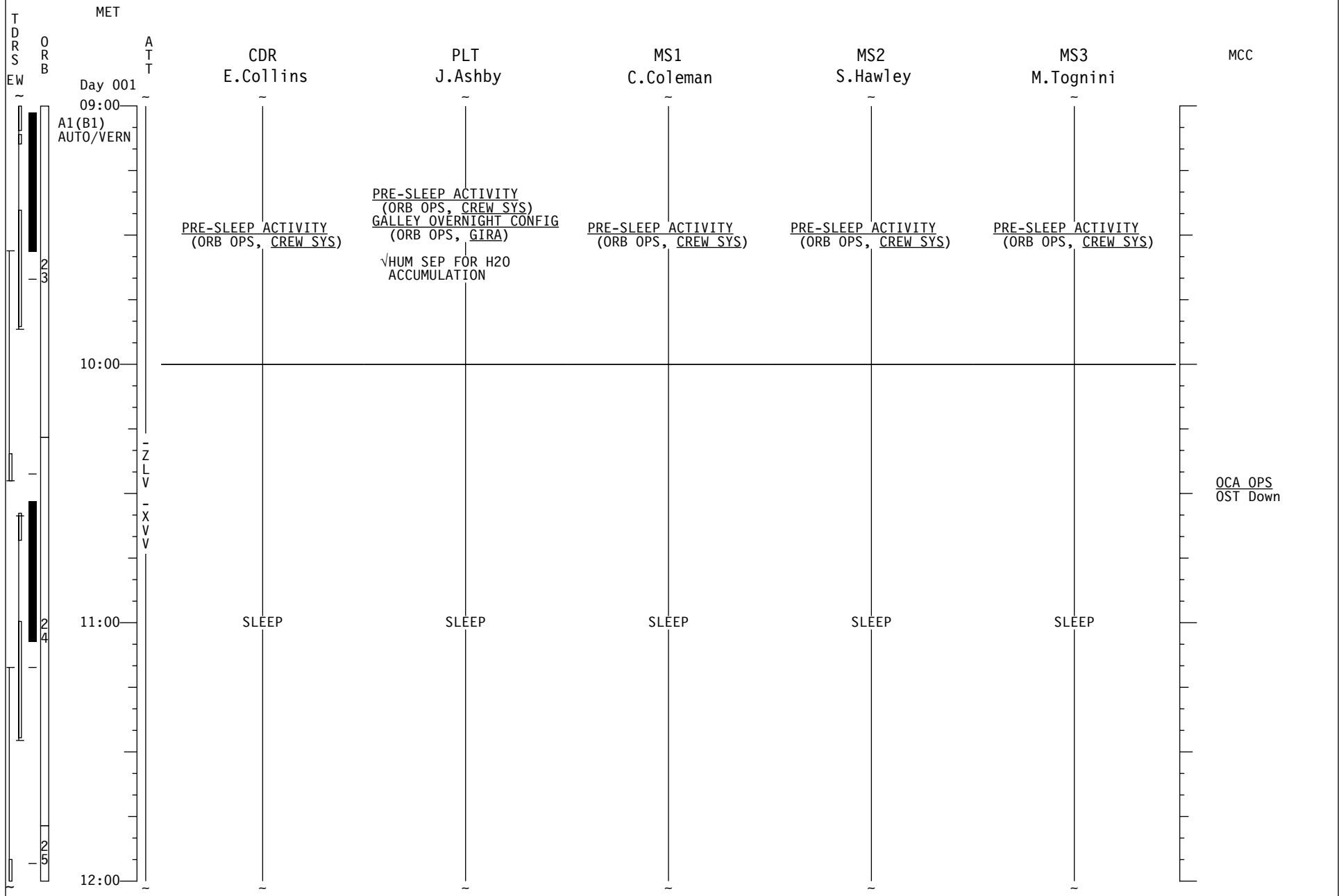
# STS-93 (FD02)



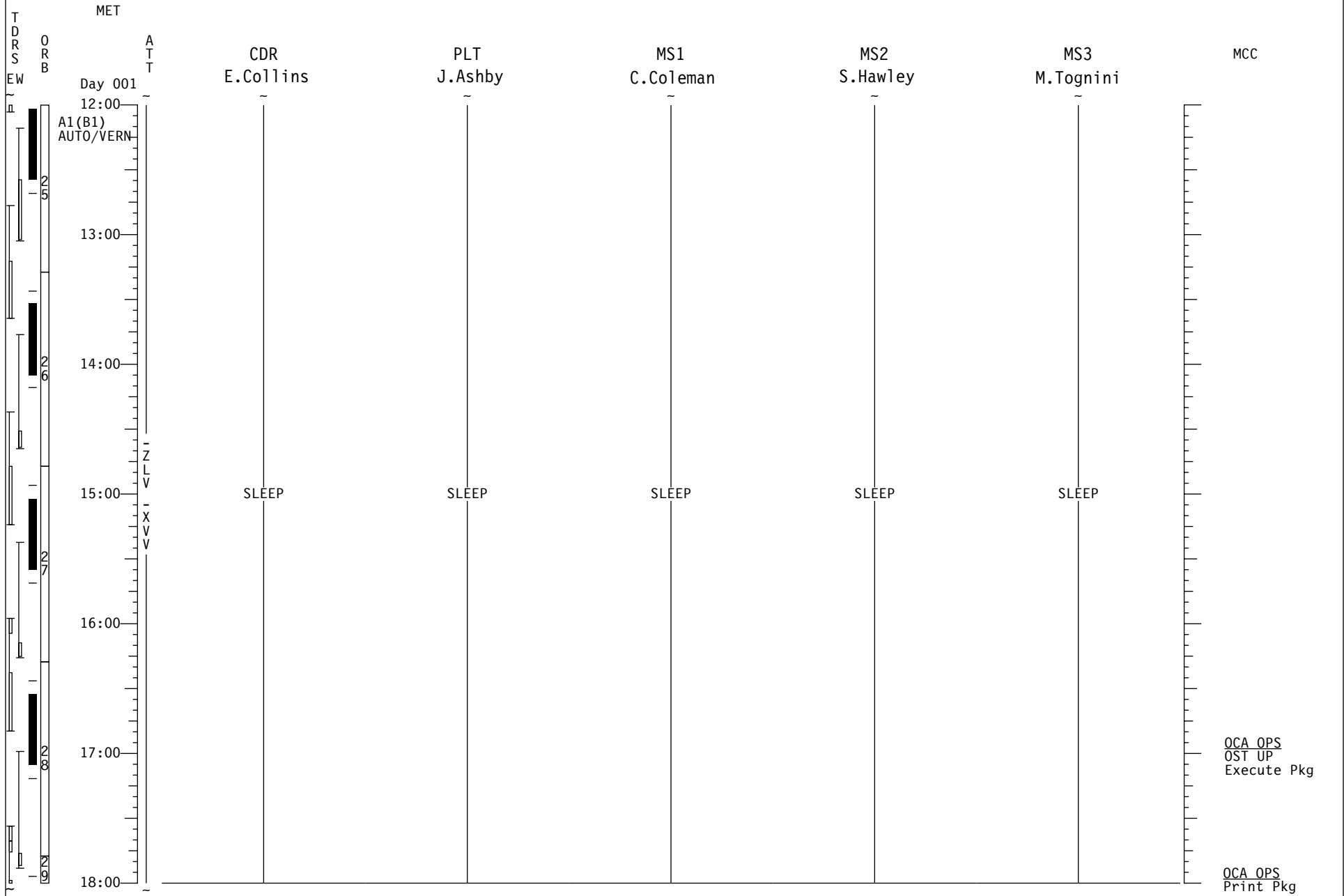
# STS-93 (FD02)

TDRS ORB EW	MET Day 001	CDR	PLT	MS1	MS2	MS3	MCC
		E. Collins	J. Ashby	C. Coleman	S. Hawley	M. Tognini	
1 2 3 A1(B1) AUTO/VERN S P X Z L V X V V 06 07 08 09	06:00	<u>MSX PRCS BURN</u> (ORB OPS, MSX)  <u>ON-ORBIT OMS BURN</u> (ORB OPS, OMS) 1 ENG BURN (2 Cmn) Jicamarca  < TIG (06:38)  <u>MNVR -ZLV -XVV</u> TGT=2 BV=3 OM=0 A/AUTO/VERN Init TRK  <u>VOICE OPS</u> (PL OPS, SAREX-C) Contact: ZS6BTD W6, AOS=07:03:11 LOS=07:09:36	<u>MSX PRCS BURN</u> (ORB OPS, MSX)  <u>ON-ORBIT OMS BURN</u> (ORB OPS, OMS) 1 ENG BURN (2 Cmn) Jicamarca	<u>P/TV 15 OPS (HDTV)</u> (PHOTO/TV, DT0700-17A) Crew at Orbiter Controls Config for overhead window with camcorder  <u>PGIM STATUS CK</u> (PL OPS, MDDK SCI)	EXERCISE (ergometer)	<u>P/TV 13 SETUP</u> (PHOTO/TV, CGBA)  <u>P/TV 13 OPS (CGBA)</u> (PHOTO T/V, CGBA) Dnlk Exp Video  <u>CGBA STATUS CHECK</u> (PL OPS, MDDK SCI) Leave CGBA P/TV Configured for TV dnlk during sleep <u>BRIC FREEZE OPS 2</u> (PL OPS, BRIC)	<u>UPDATE</u> ORBITAL MNVR PAD  TDRS EARLY H/O  <u>CGBA TV</u> Dnlk camr views of CGBA
	07:00		<u>TOPPING FES STARTUP</u> (ORB OPS, ECLS) <u>STL Tape Change</u>	When in attitude, <u>AEROGEL ACTIVATION</u> (PL OPS, AEROGEL)	MEMS STATUS CHECK <u>STL-B STATUS CHECK</u> (PL OPS, MDDK SCI)		
			<u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>OCA DOWNLINK</u> (ORB OPS, OCA) Close Outlook			<u>OCA XFER</u> Mail ↓↓ FCMS Data ↓
	08:00		06 VUHF MODE = OFF PRIVATE MEDICAL CONF  <u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS) <u>GALLEY OVERNIGHT CONFIG</u> (ORB OPS, GIRA)  √HUM SEP FOR H2O ACCUMULATION	<u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)	<u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)
09:00		<u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)		<u>PRE-SLEEP ACTIVITY</u> (ORB OPS, CREW SYS)			

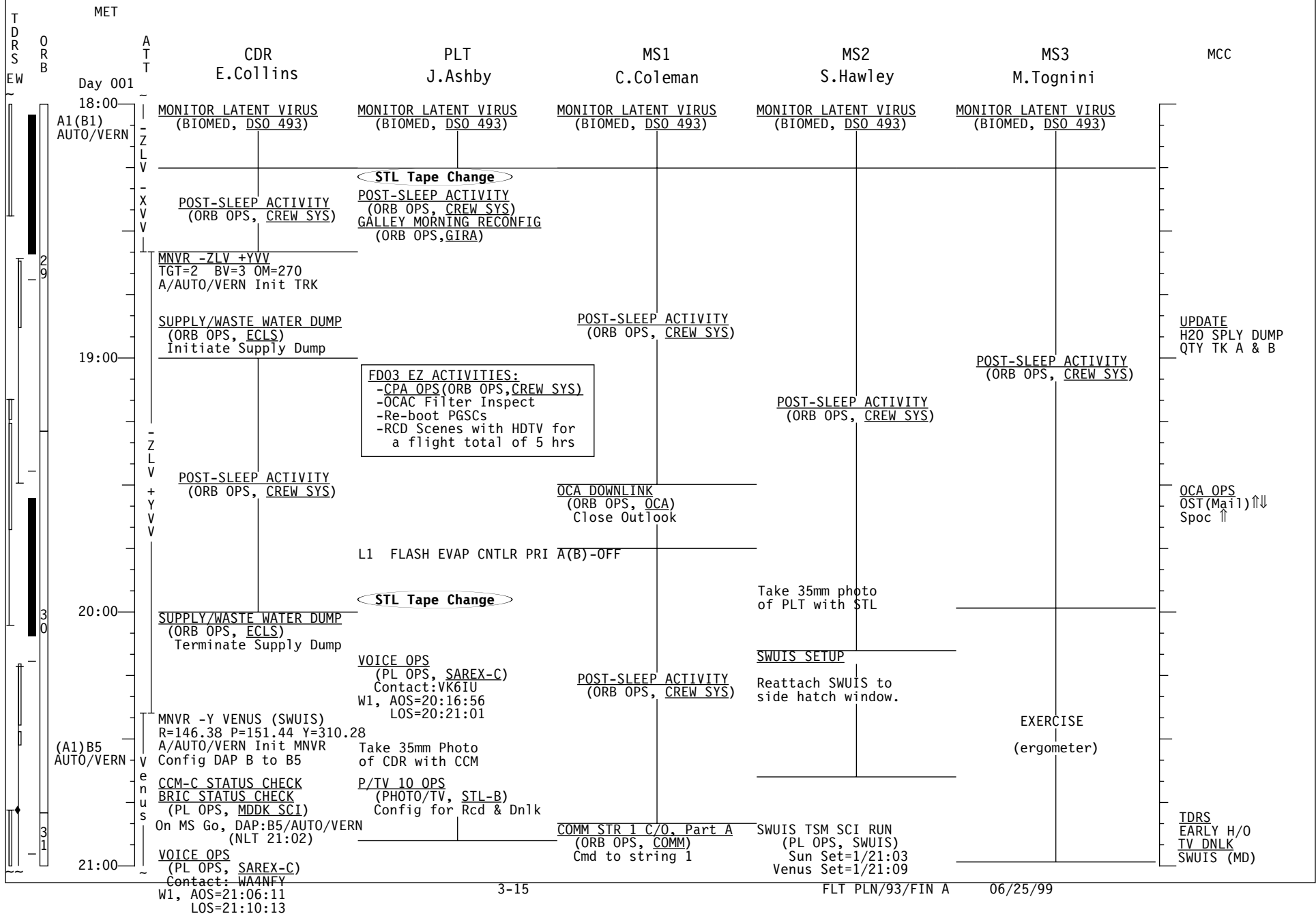
# STS-93 (FD02)



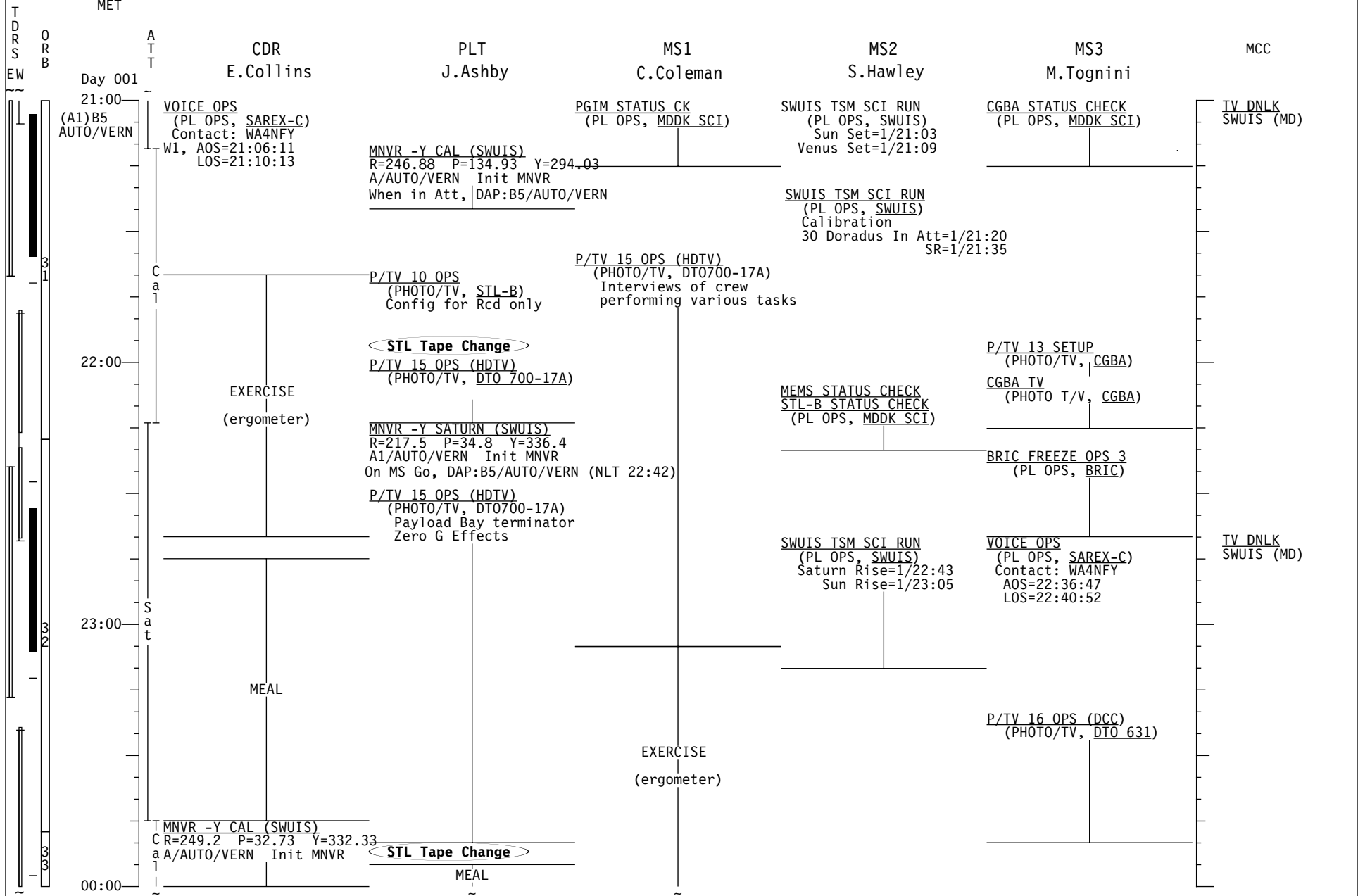
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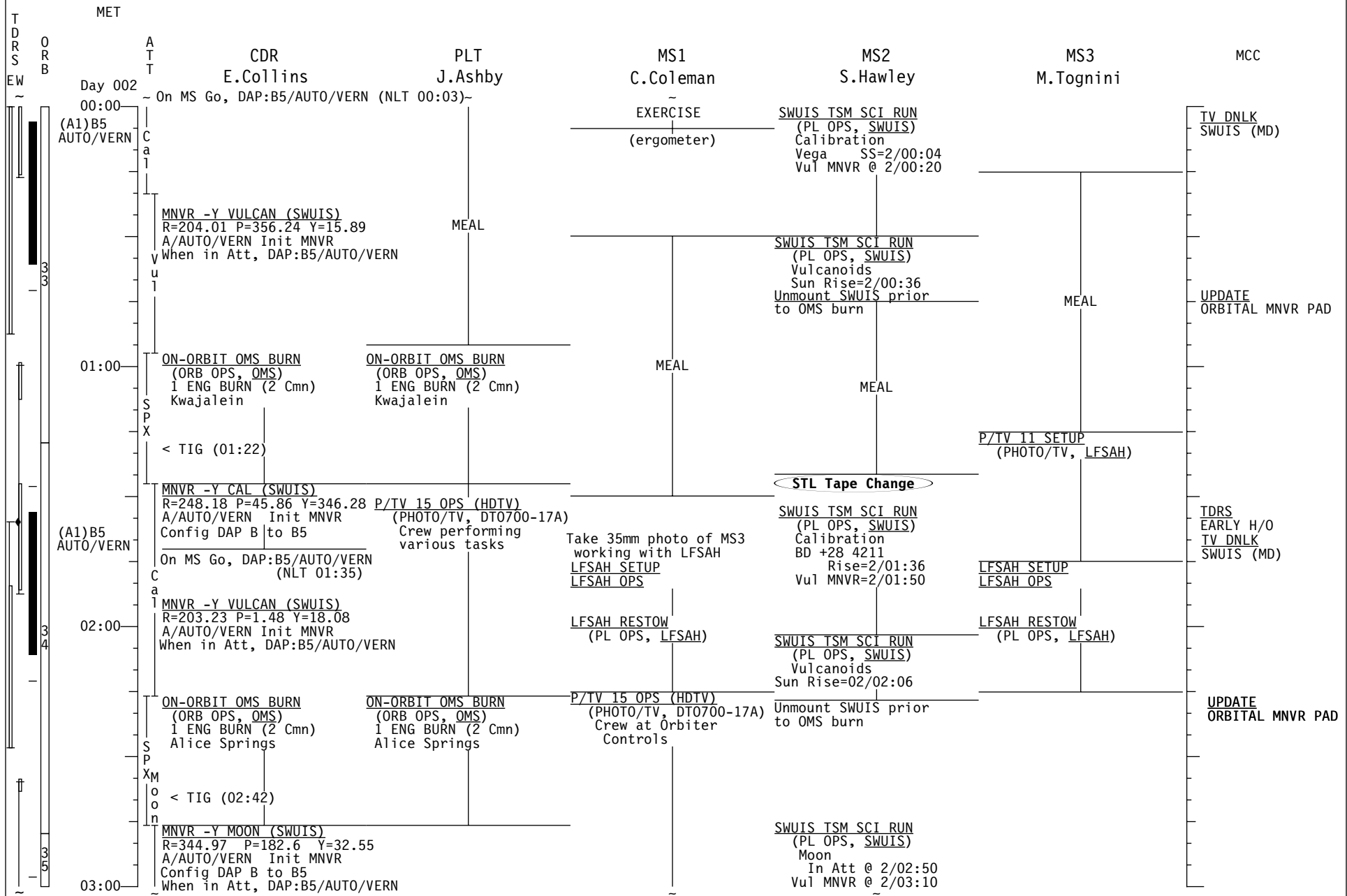
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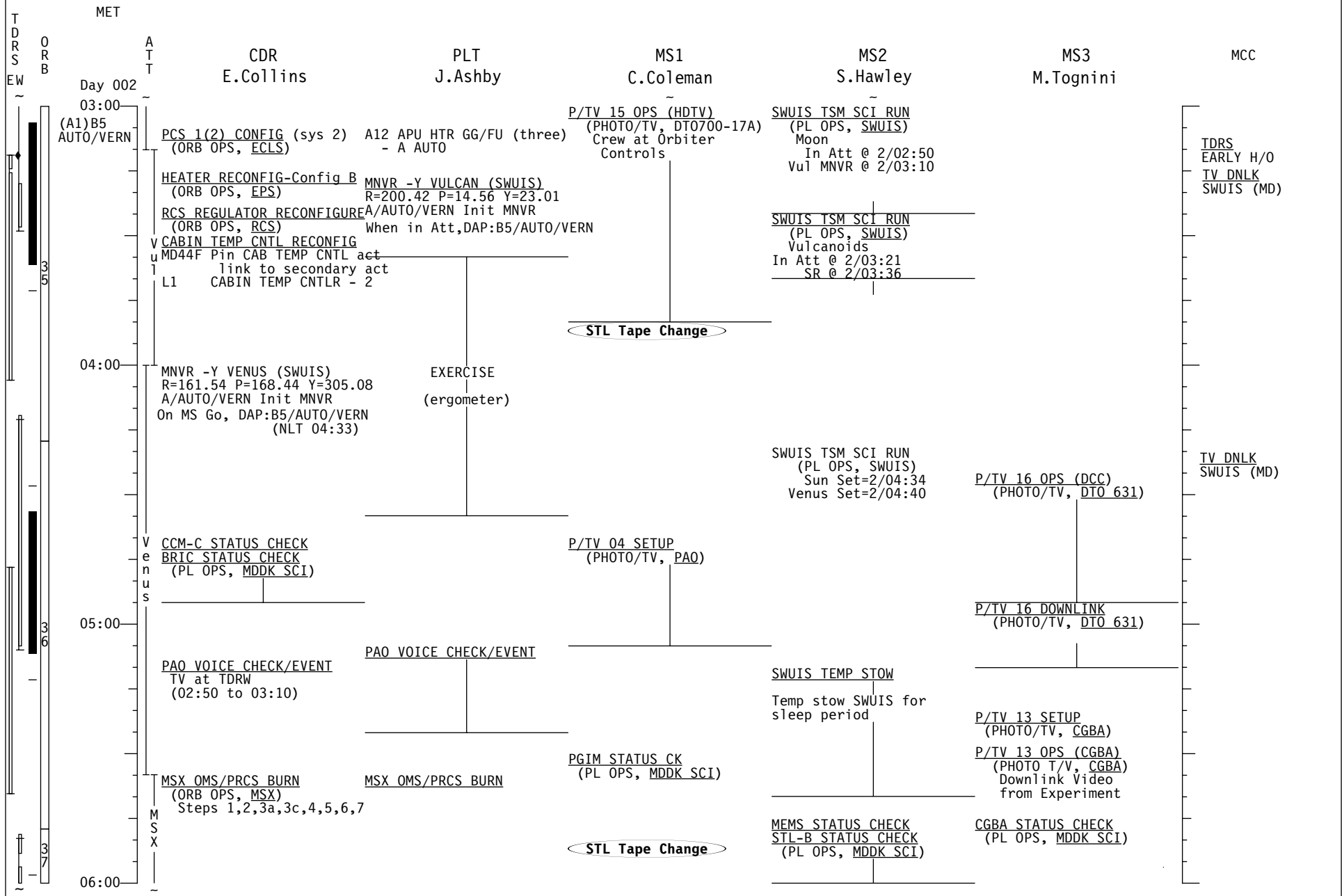
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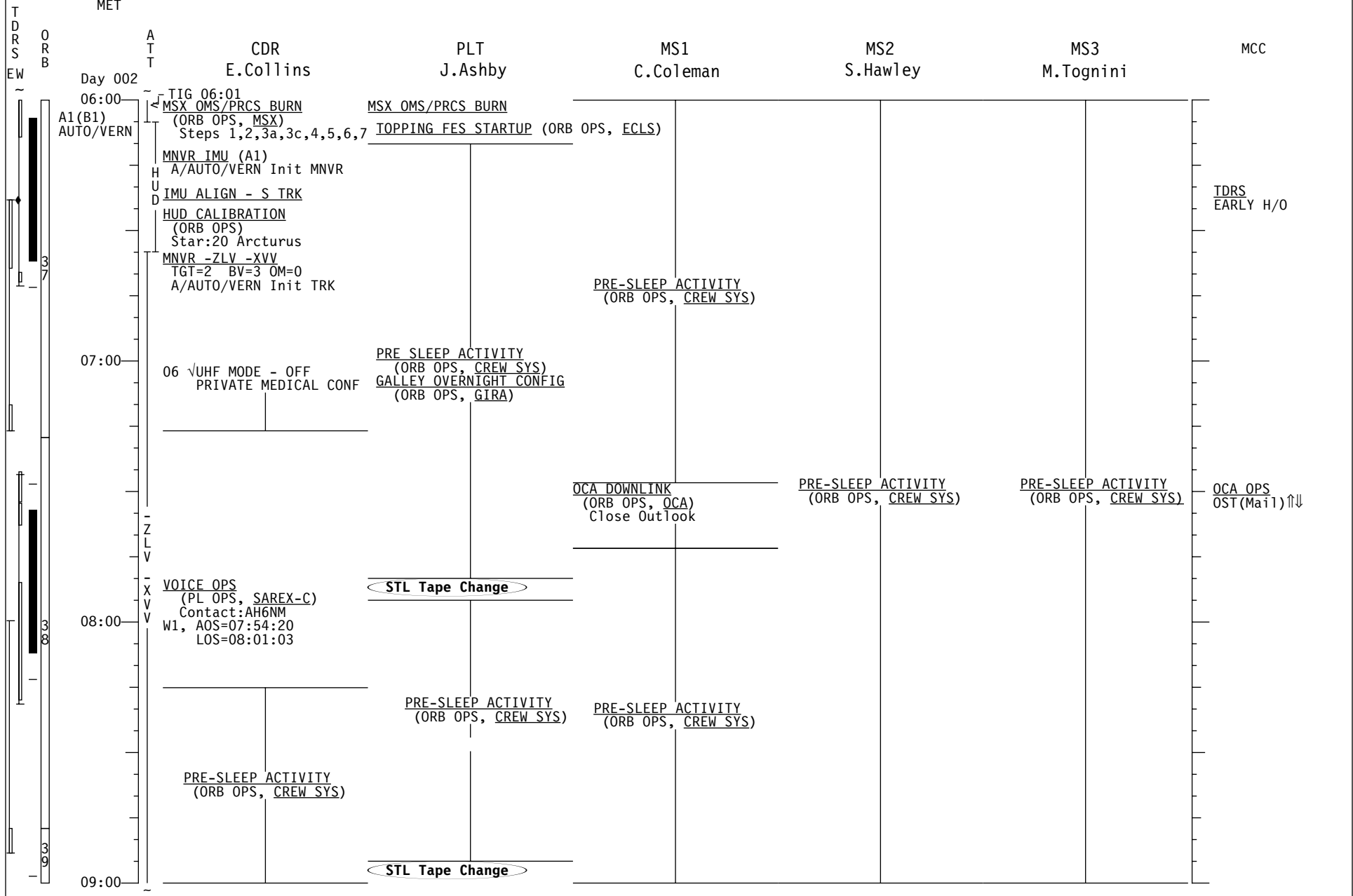
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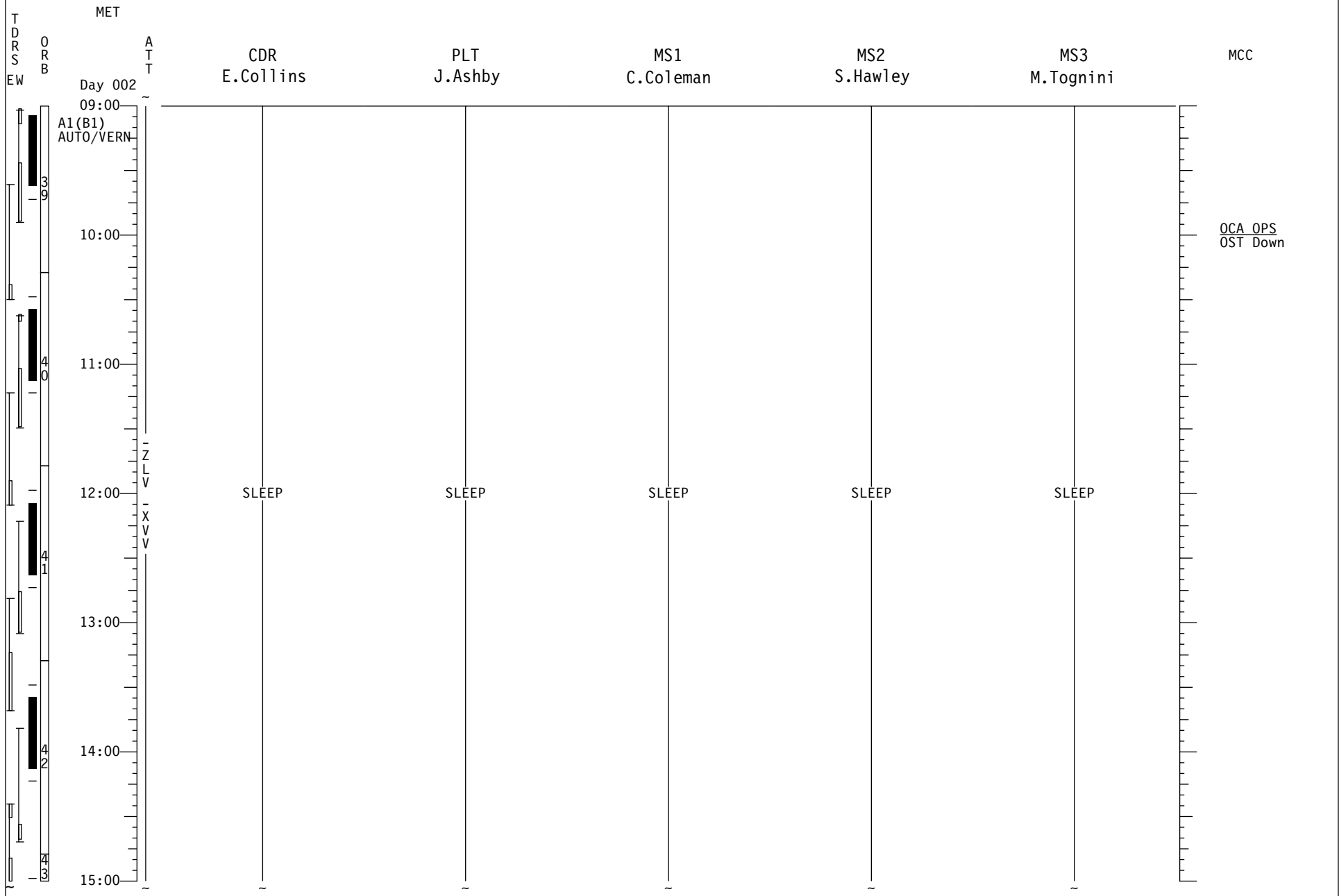
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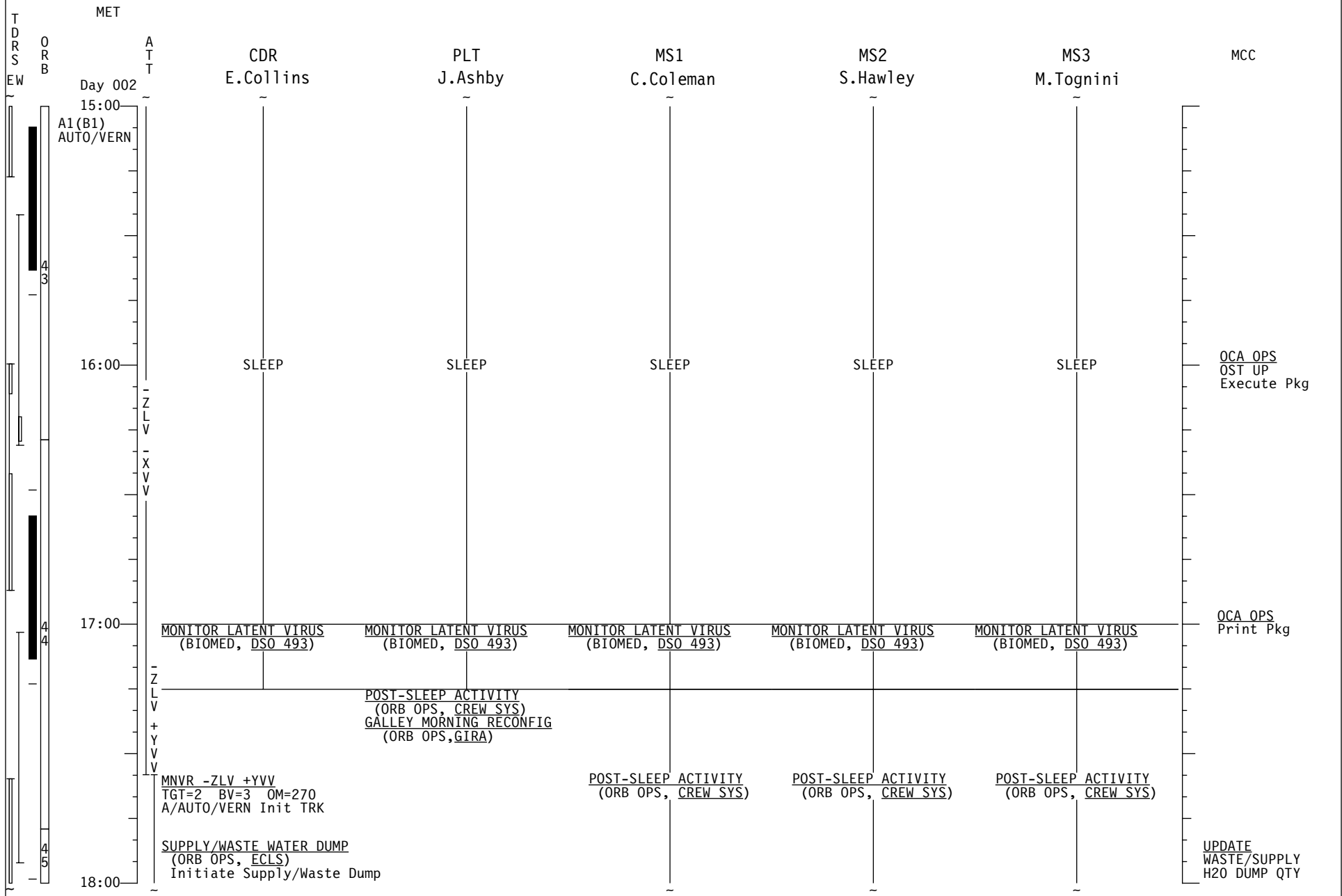
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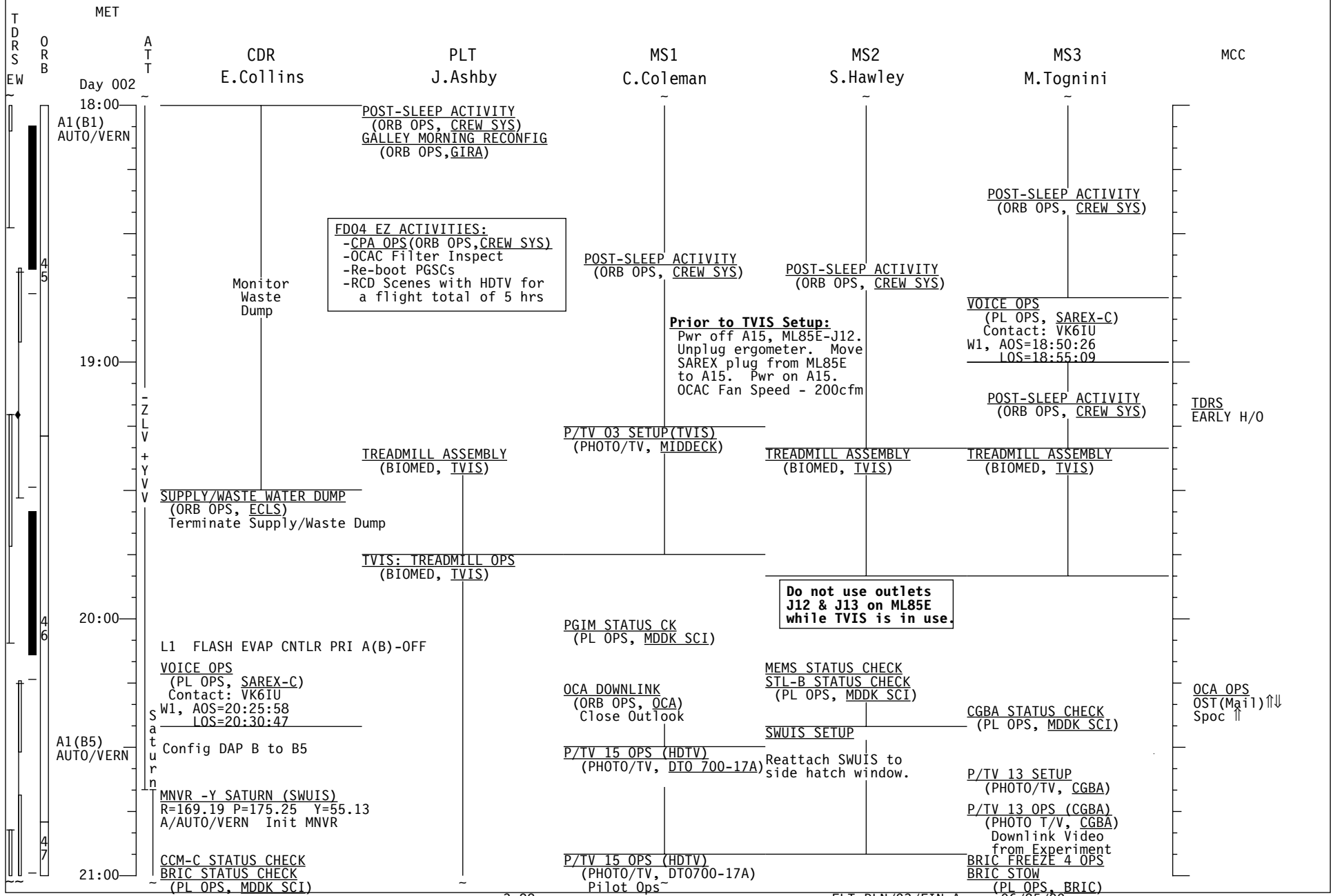
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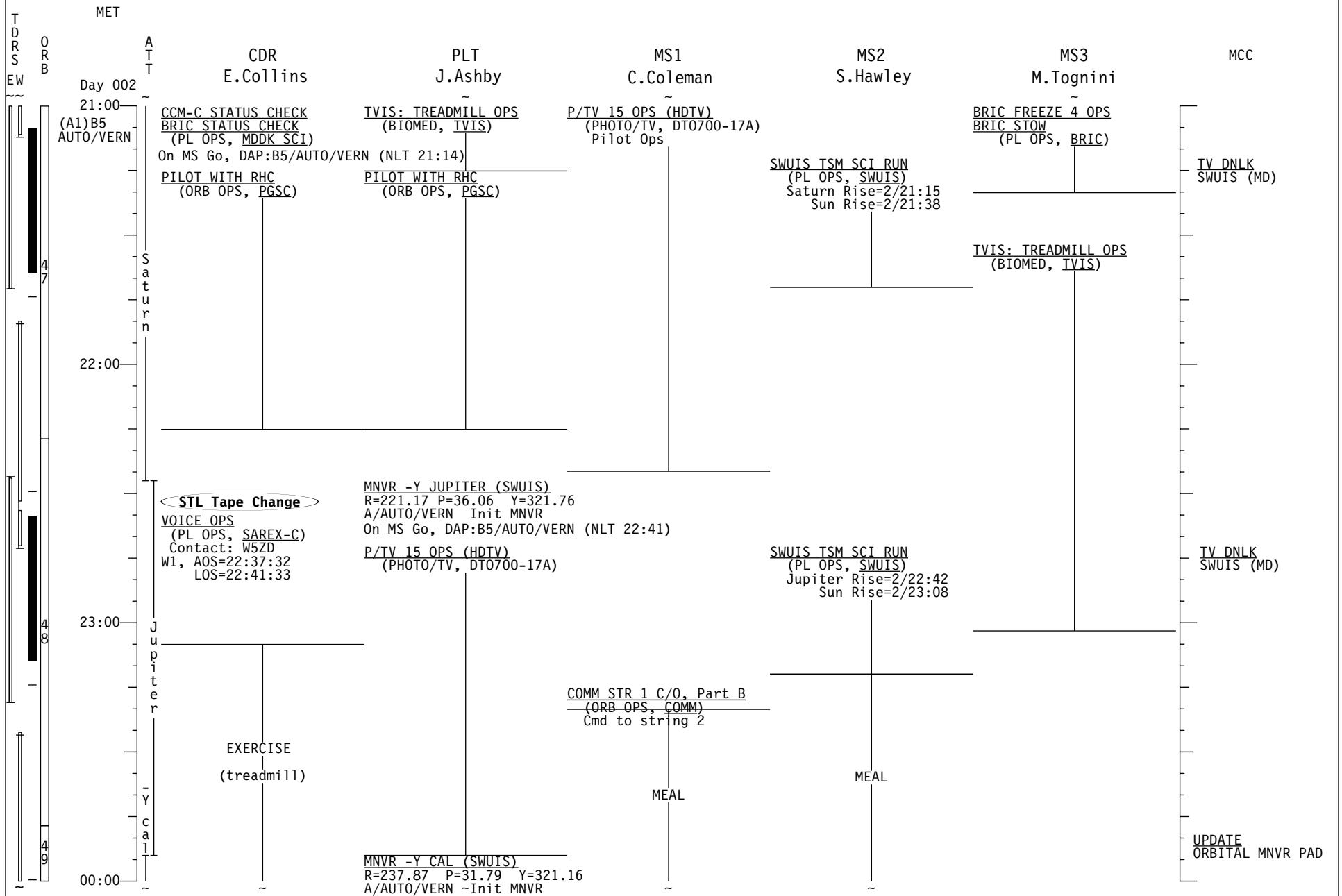
# STS-93 (FD04)



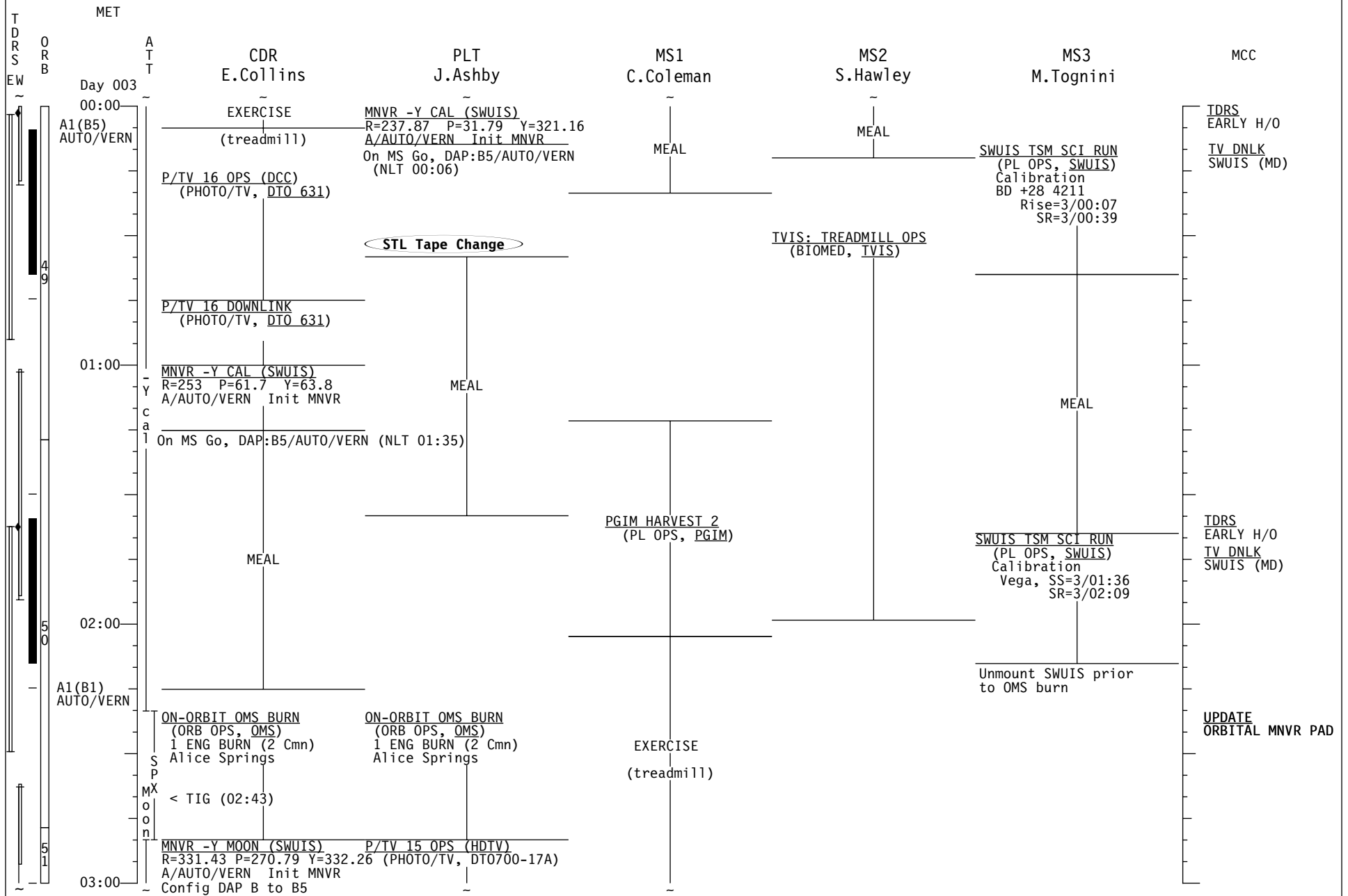
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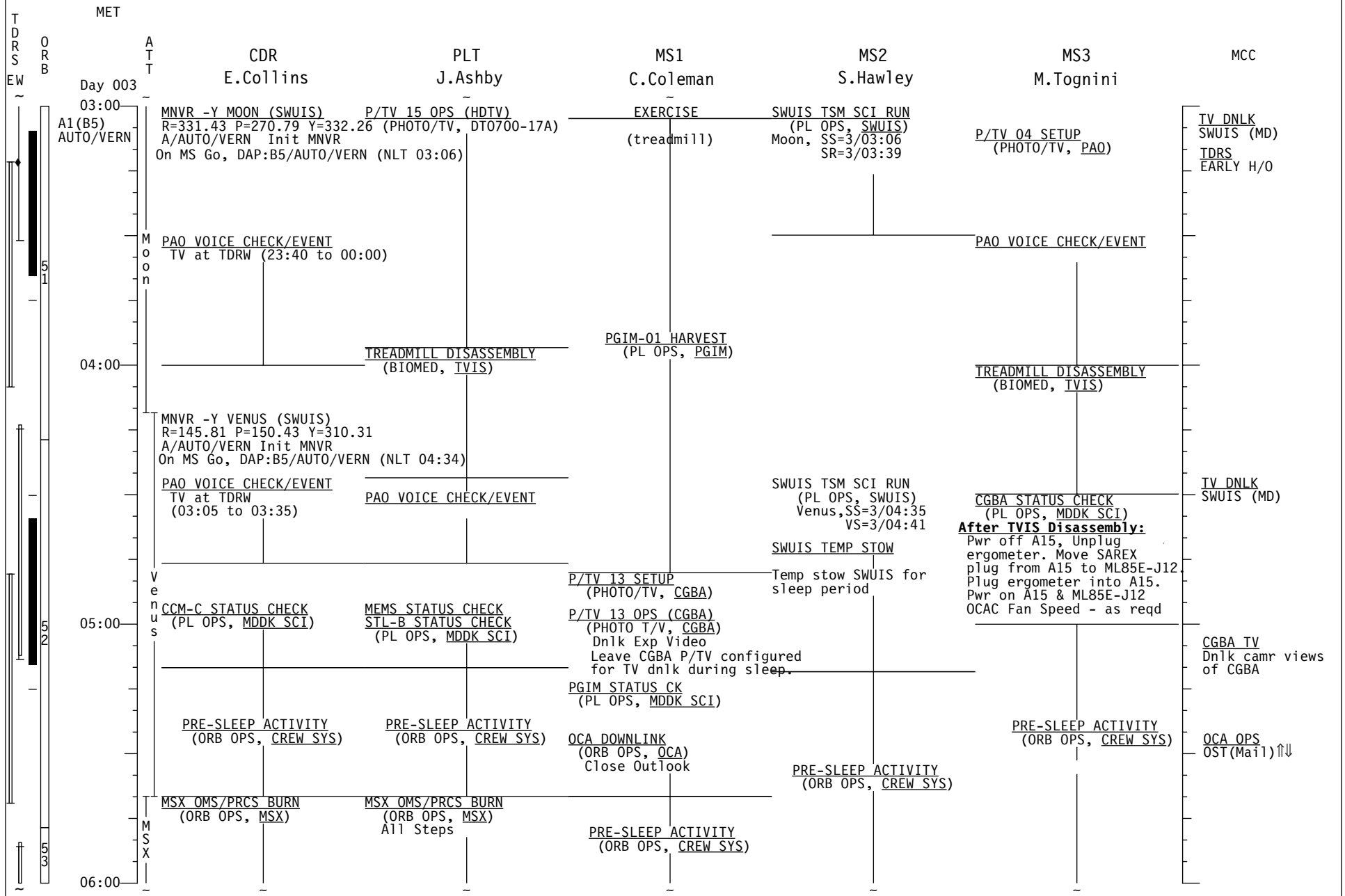
STS-93 (FD04)



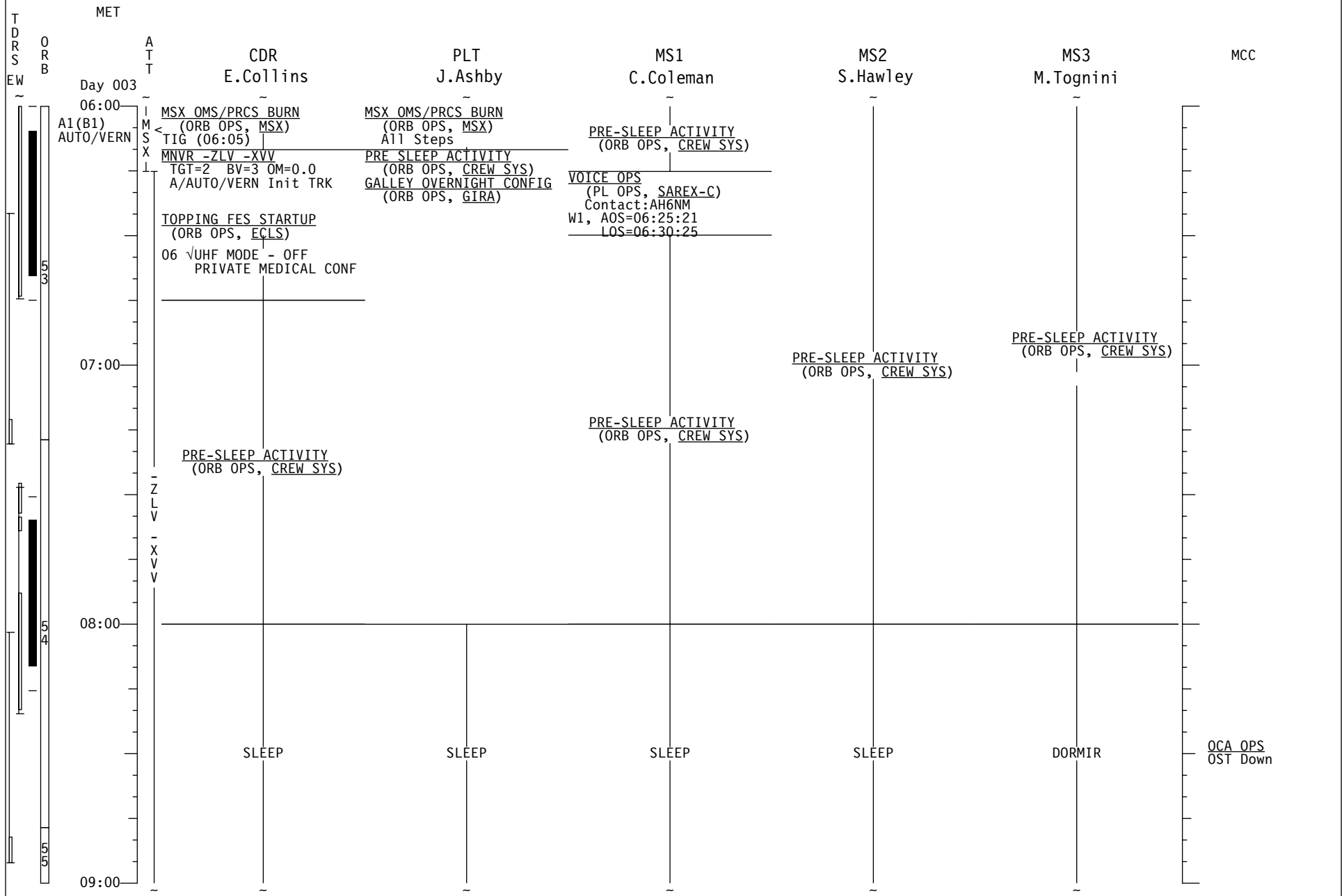
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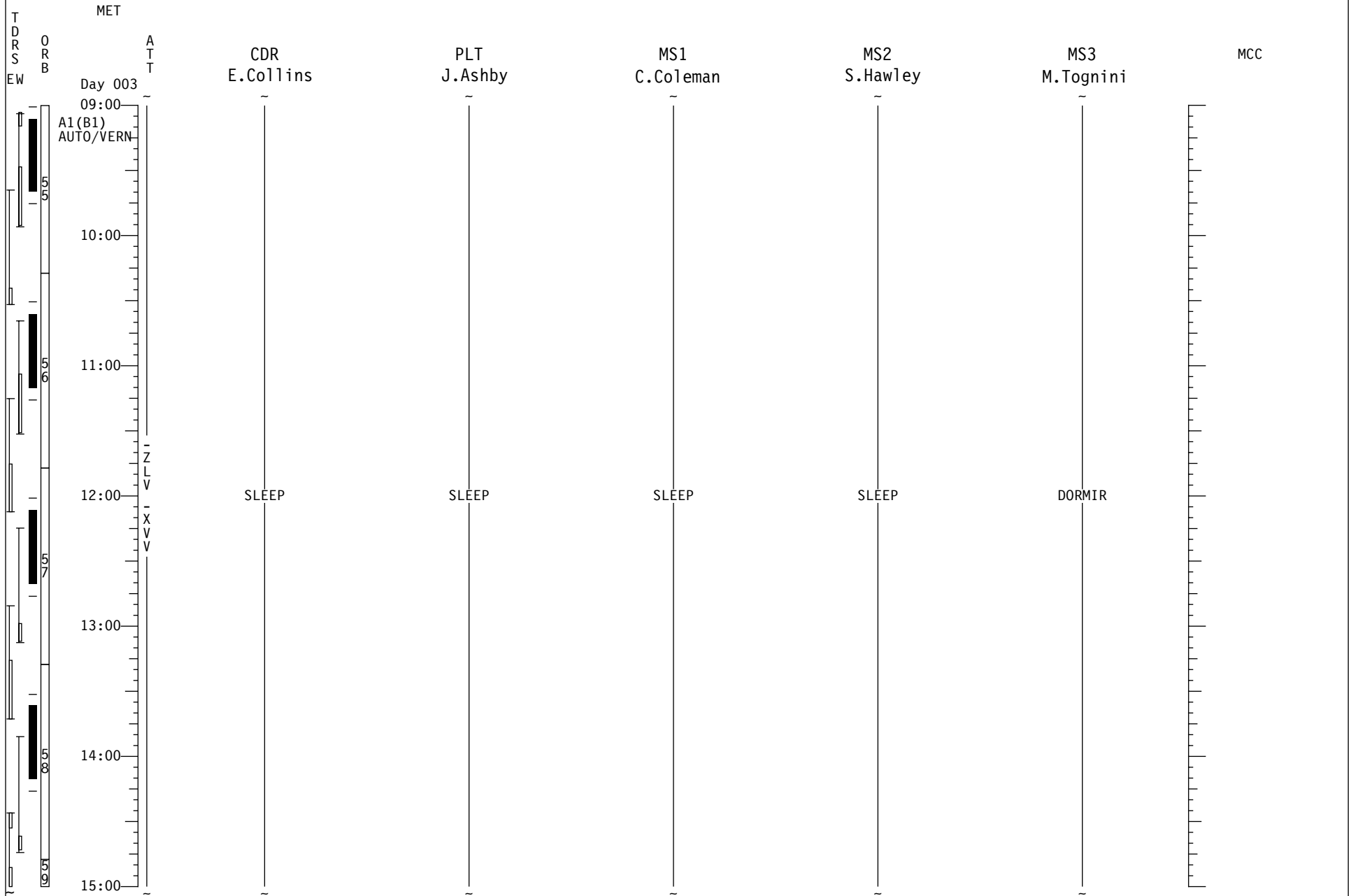
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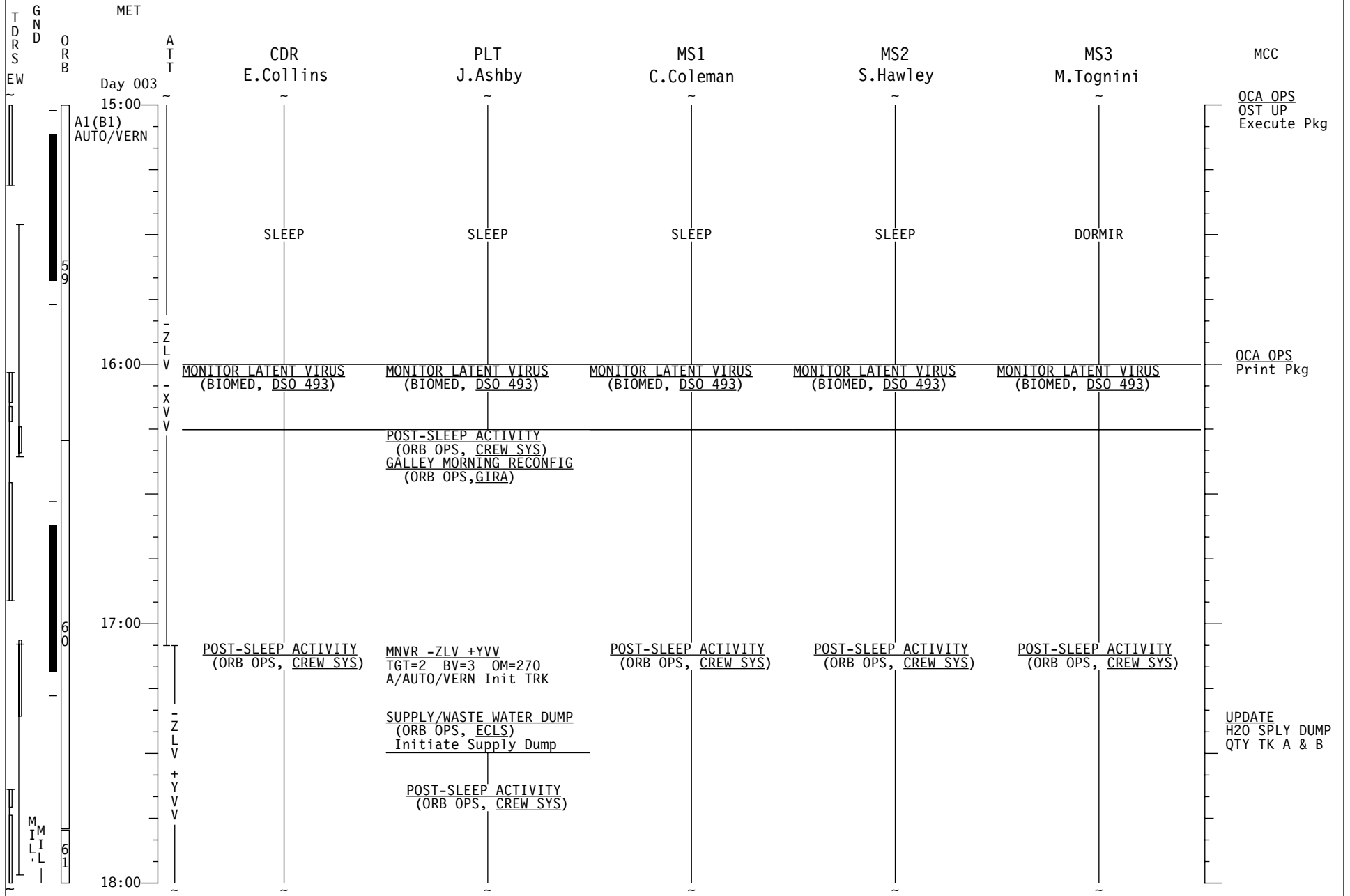
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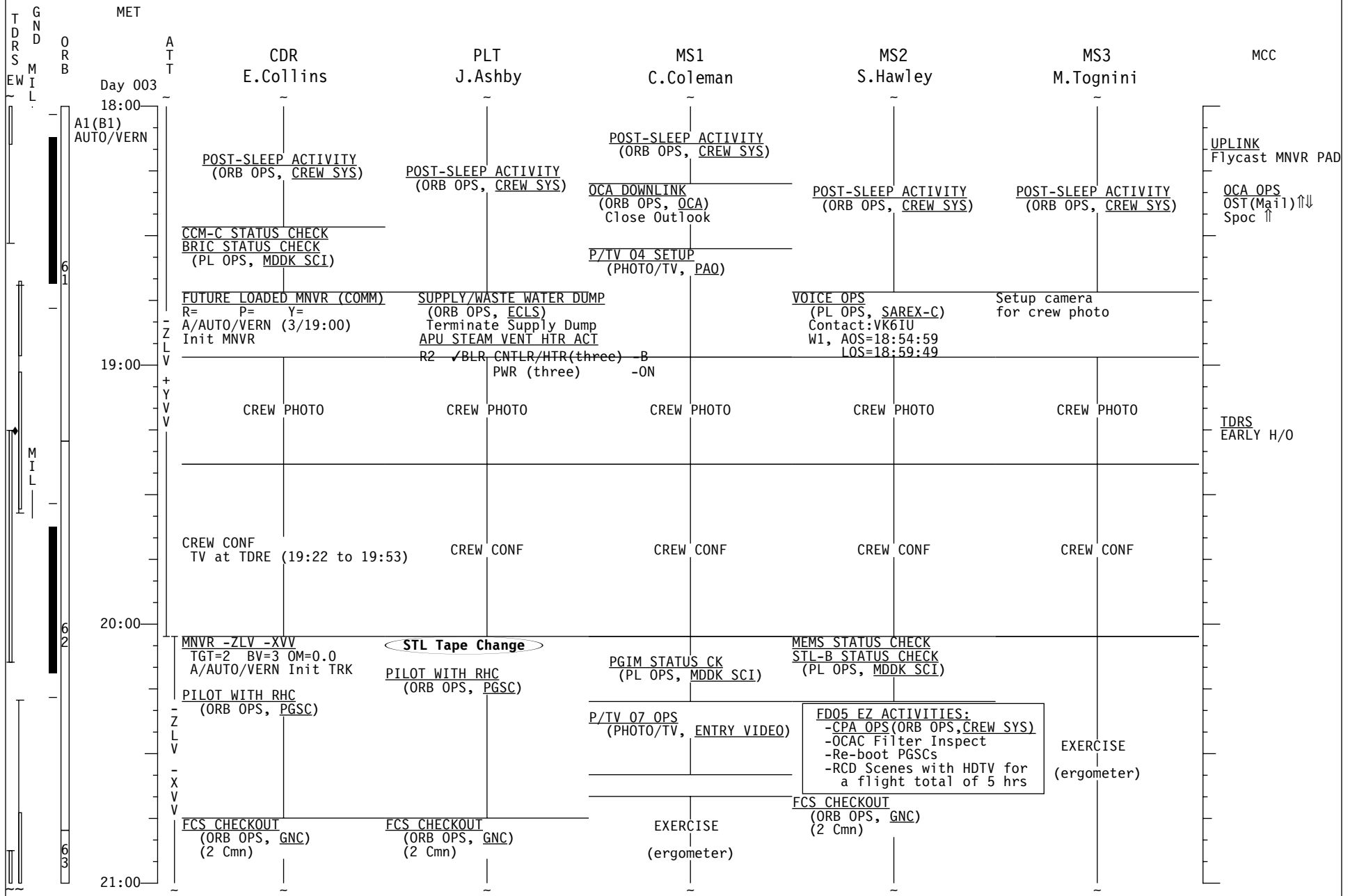
# STS-93 (FD04)



# STS-93 (FD05)

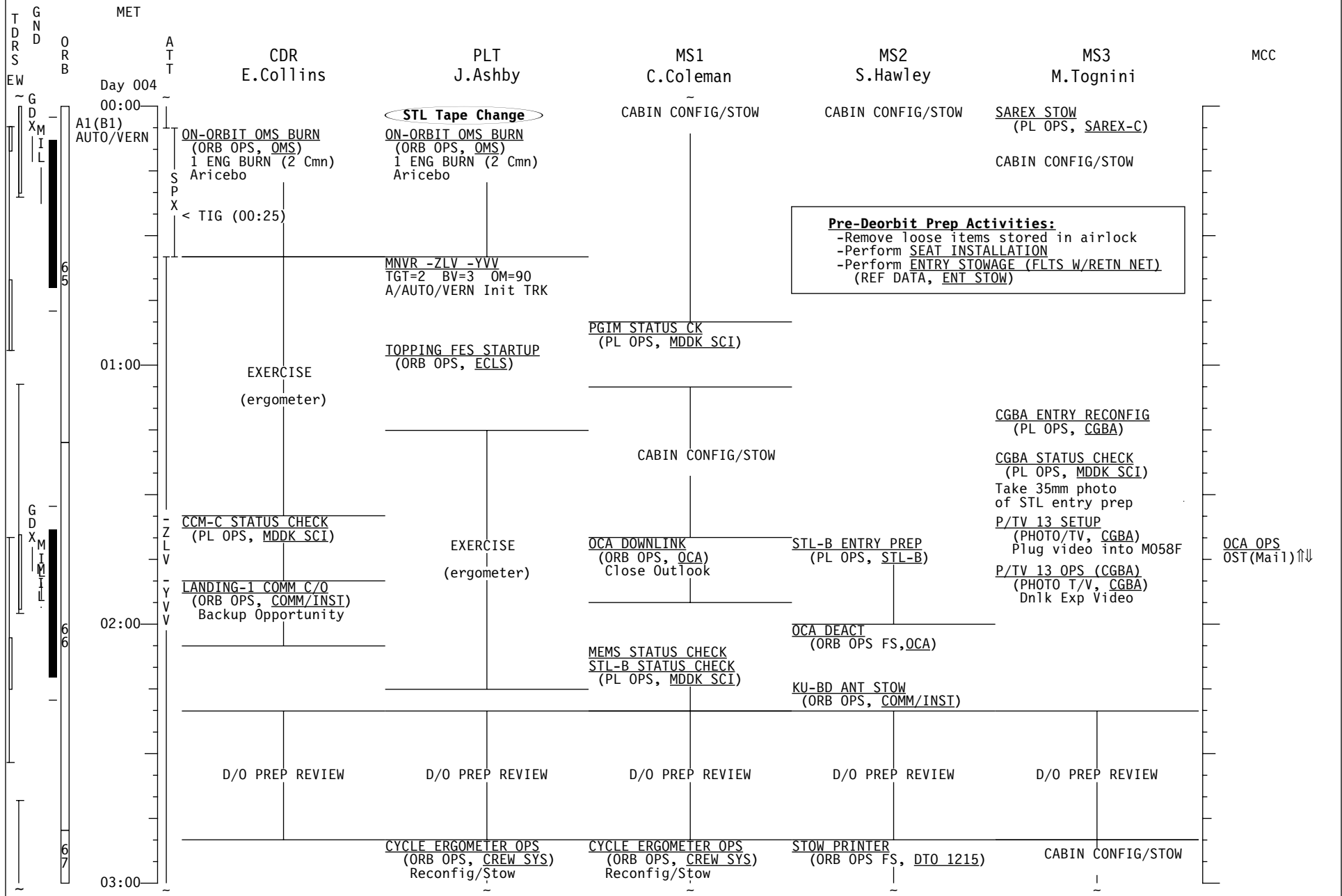


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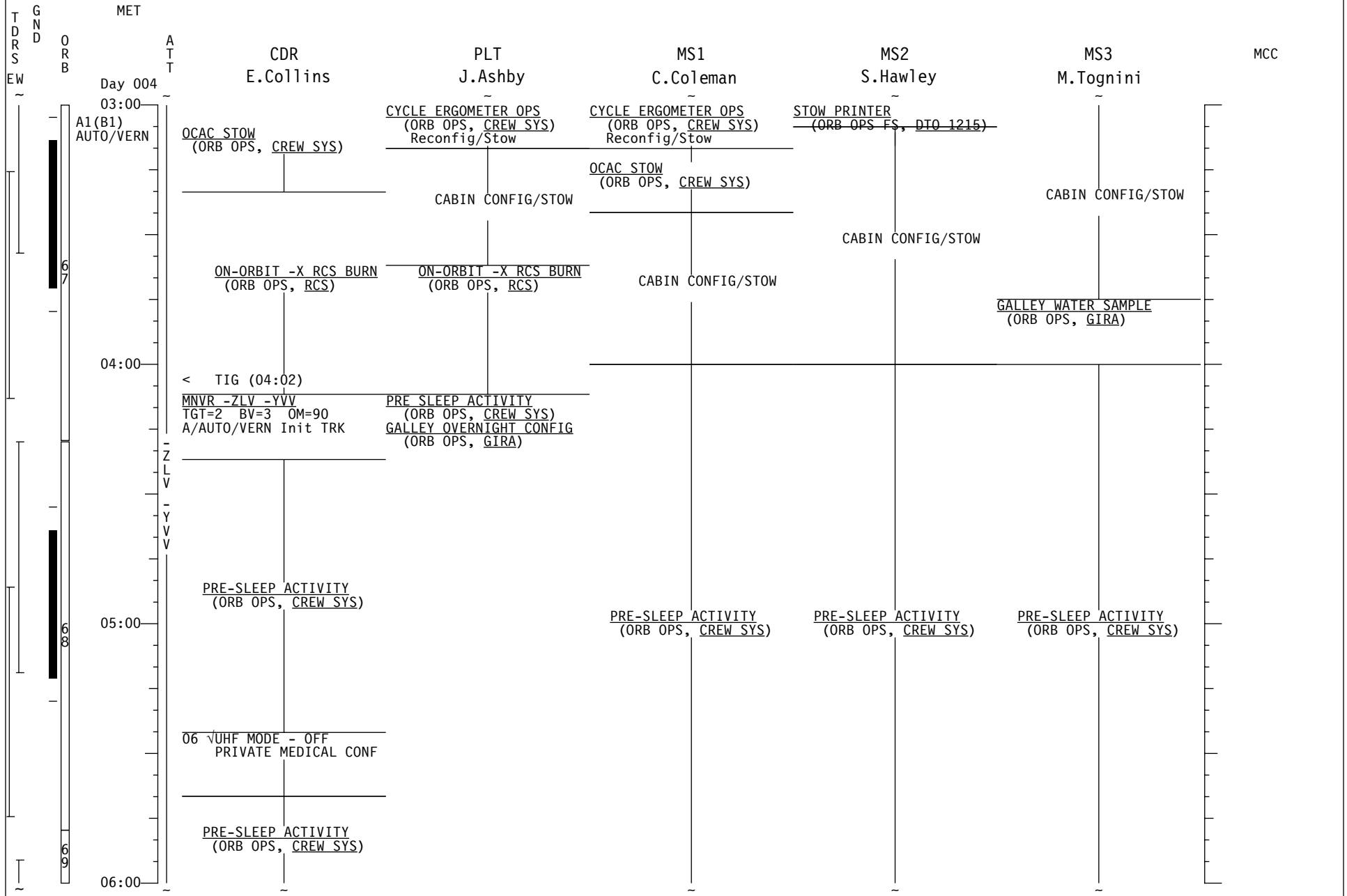


# STS-93 (FD05)

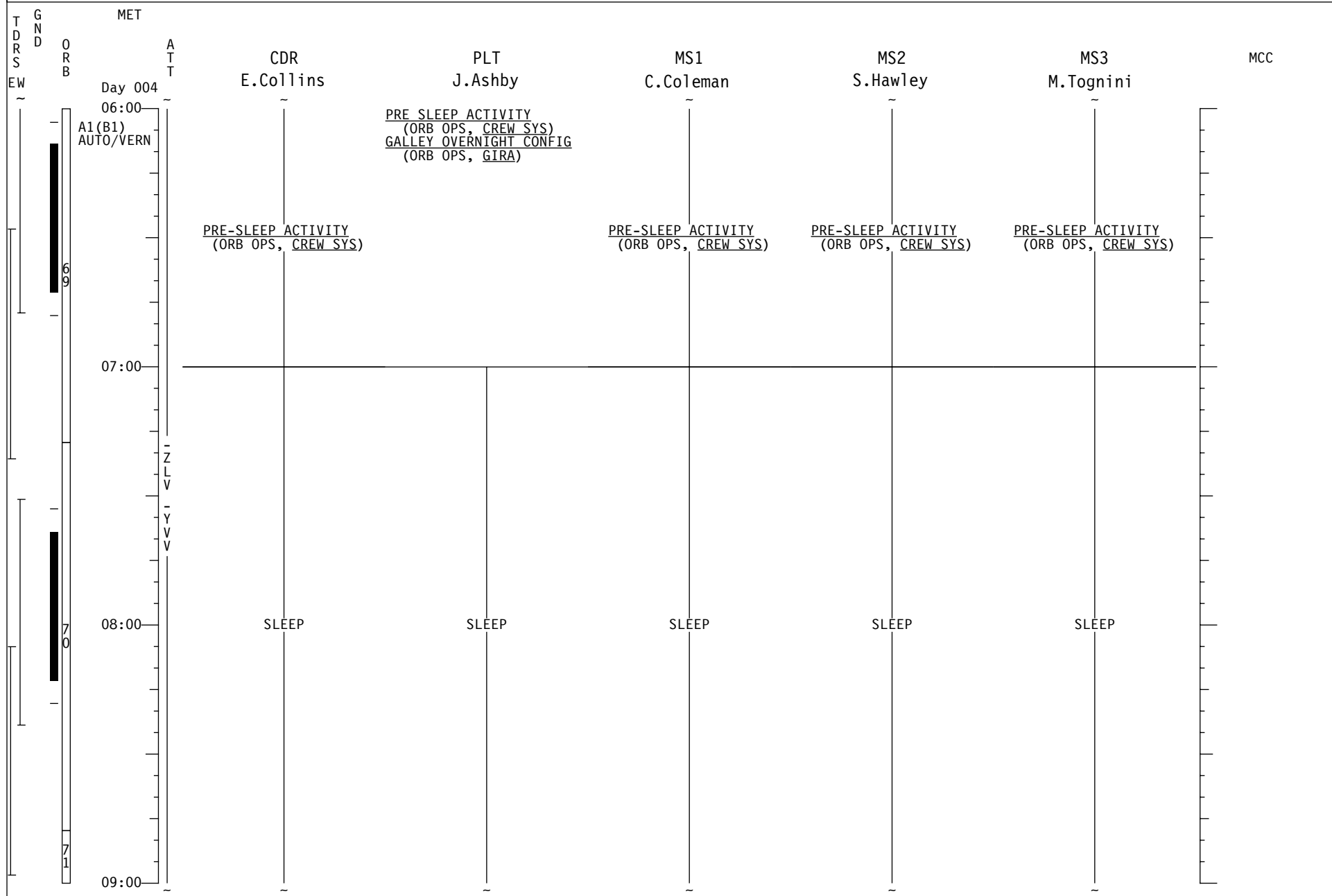


**Pre-Deorbit Prep Activities:**  
 -Remove loose items stored in airlock  
 -Perform SEAT INSTALLATION  
 -Perform ENTRY STOWAGE (FLTS W/RETN NET)  
 (REF DATA, ENT STOW)

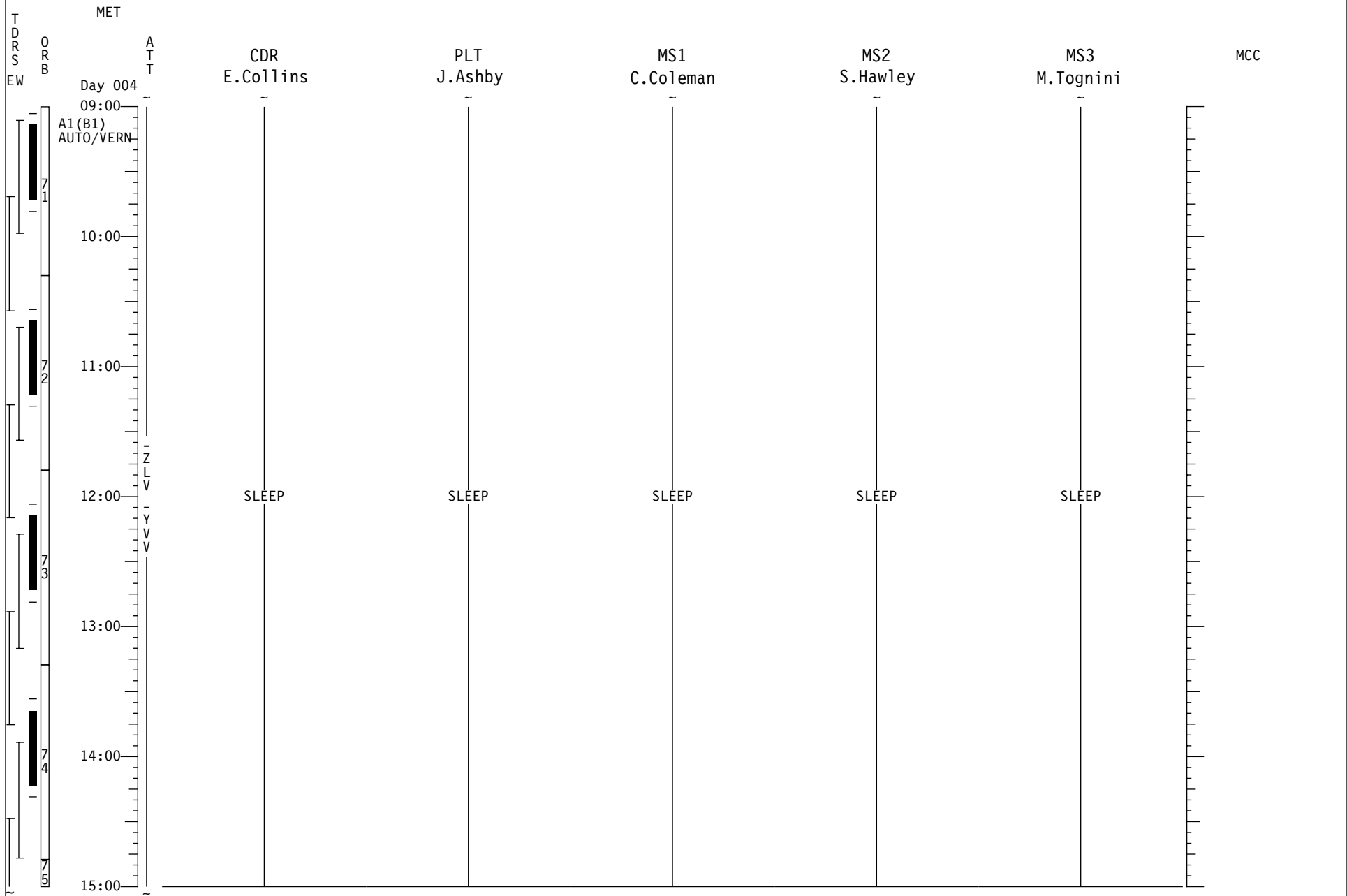
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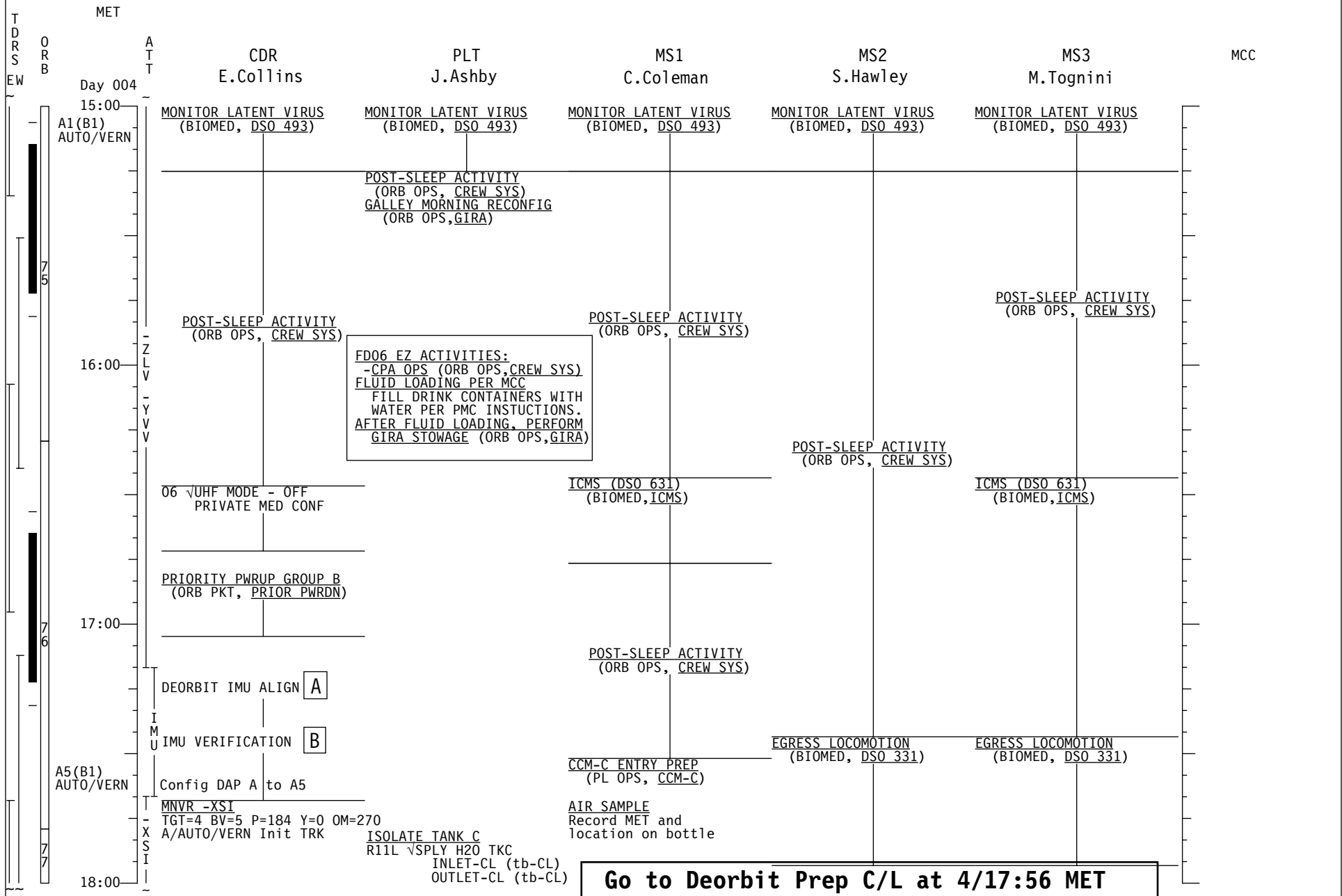
# STS-93 (FD05)



# STS-93 (FD05)



# STS-93 (FD06)



**Go to Deorbit Prep C/L at 4/17:56 MET**

# STS-93 (FD06)

T D R S E W	O R B	MET Day 004	A T T	CDR E.Collins	PLT J.Ashby	MS1 C.Coleman	MS2 S.Hawley	MS3 M.Tognini	MCC				
77	77	18:00	A	<p><b>IMU STAR ALIGN:</b></p> <p><u>MNVR TO DUAL S TRK ALIGN ATT</u> R=172 P=151 Y=16 A/AUTO/VERN Init MNVR</p> <p>Perform <u>IMU ALIGN-S TRK</u> (ORB OPS, <u>GNC</u>)</p> <p>Star Pair B1 ID: -Y: 23, BETELGEUSE MET: 4/17:03-17:51</p> <p style="padding-left: 40px;">-Z: 16, ACHERNAR MET: 4/16:51-17:39</p> <p>ANG DIFF: 82.9</p> <p>2nd Attitude (Single S TRK)</p> <p>-Z: 23    -Y: 16 R=86    R=258 P=162   P=140 Y=6     Y=6</p>			<p><b>IMU ALIGN VERIFICATION:</b></p> <p><u>MNVR TO DUAL S TRK ALIGN ATT</u> R=115 P=133 Y=299 A/AUTO/VERN Init MNVR</p> <p>Perform <u>IMU ALIGN-S TRK</u> (ORB OPS, <u>GNC</u>) Step 5</p> <p>Star Pair C2 ID: -Y: 41, DENEbola MET: 4/17:31-18:18</p> <p style="padding-left: 40px;">-Z: 50, AVIOR MET: 4/17:05-17:54</p> <p>ANG DIFF: 84.9</p> <p>2nd Attitude (Single S TRK)</p> <p>-Z: 41    -Y: 50 R=24    R=179 P=126   P=108 Y=285   Y=305</p>			78	78	19:00	X S I
78	78	20:00	C O M M	<p>REQD ID: -Y: _____, -Z: _____, ANG ERR _____, _____</p> <p>ANG:            1                            2                            3</p> <p><math>\Delta X</math> ( ) _____, _____ ( ) _____, _____ ( ) _____, _____</p> <p><math>\Delta Y</math> ( ) _____, _____ ( ) _____, _____ ( ) _____, _____</p> <p><math>\Delta Z</math> ( ) _____, _____ ( ) _____, _____ ( ) _____, _____</p> <p>EXECUTION TIME: ___/ ___:___:___ MET</p>			<p>REQD ID: -Y: _____, -Z: _____, ANG ERR _____, _____</p> <p>ANG:            1                            2                            3</p> <p><math>\Delta X</math> ( ) _____, _____ ( ) _____, _____ ( ) _____, _____</p> <p><math>\Delta Y</math> ( ) _____, _____ ( ) _____, _____ ( ) _____, _____</p> <p><math>\Delta Z</math> ( ) _____, _____ ( ) _____, _____ ( ) _____, _____</p> <p><b>If any <math>\Delta X</math>, <math>\Delta Y</math>, or <math>\Delta Z</math> &gt; 0.1 Check MCC</b></p> <p>EXECUTION TIME: ___/ ___:___:___ MET</p>			79	79	21:00	