

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: September 2, 2009

For the Period: 09/03/09 to 09/21/09 (09-246 – 09-264)

**DSN OPSCHIEF (1) 230-102**

**SCIENCE**

**FLIGHT TEAM (15) 600-100**

**DSOT (1) 230-102**

- \*Zsarina.Bulchand@jpl.nasa.gov
- \*gdyke@airmail.ftops.jpl.nasa.gov
- \*John.M.Grant@jpl.nasa.gov
- \*dmcclena@airmail.ftops.jpl.nasa.gov
- \*pquach@airmail.ftops.jpl.nasa.gov
- \*mrobles@airmail.ftops.jpl.nasa.gov
- \*rwilliam@airmail.ftops.jpl.nasa.gov

- CRS \*bryant@mail630.gsfc.nasa.gov
- LECP \*r.decker@jhupl.edu
- UVS \*holberg@argus.lpl.arizona.edu
- MAG \*u2mha@lepvox.gsfc.nasa.gov
- PLS \*vgr@space.mit.edu
- PWS \*wsk@space.physics.uiowa.edu
- \*Leonard.F.Burlaga@nasa.gov
- \*Donald-Gurnett@uiowa.edu

- Hall, J.
- Howard, S. (3)
- Ludwig, R. (2)
- Massey, Ed
- Matsumoto, S.
- Medina, E.
- Peralta, F.
- Poynter, R.
- Weeks, T.
- Wong, R.
- Yang, L
- Zottarelli, L.

\*odivers1@san.rr.com

**OTHER**

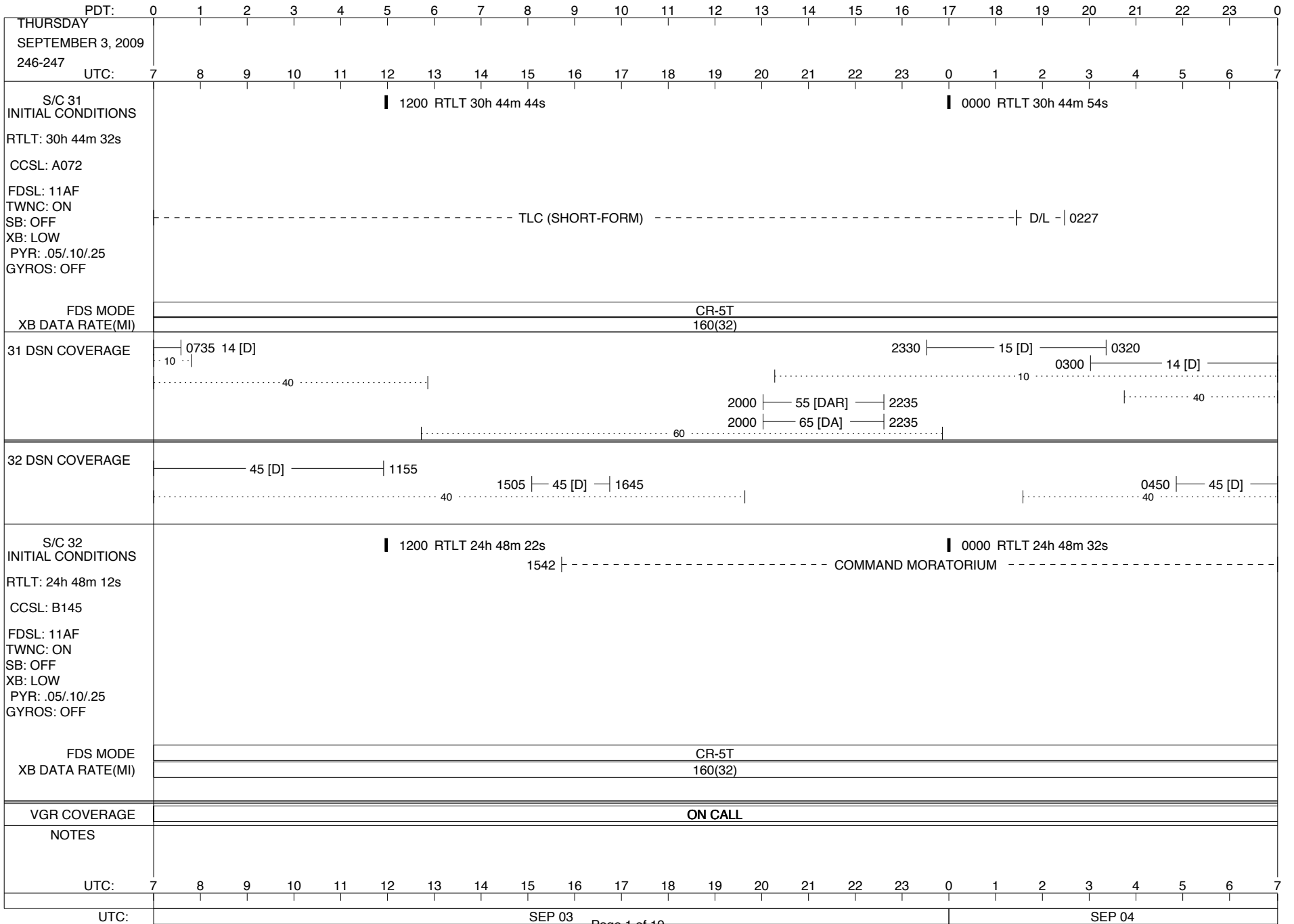
- \* KMassey@jgld.gdscc.nasa.gov
- \* Belinda.Arroyo@jpl.nasa.gov
- \* DSN-MPSETA@jjpl.jpl.nasa.gov

**LEGEND:**

- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- \* = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = 7-Point BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U = Uplink only pass
- [o] = Ramp-through

\*Electronic Copy Only  
(17 – Dist/N: Paper Copies)  
04/02/09

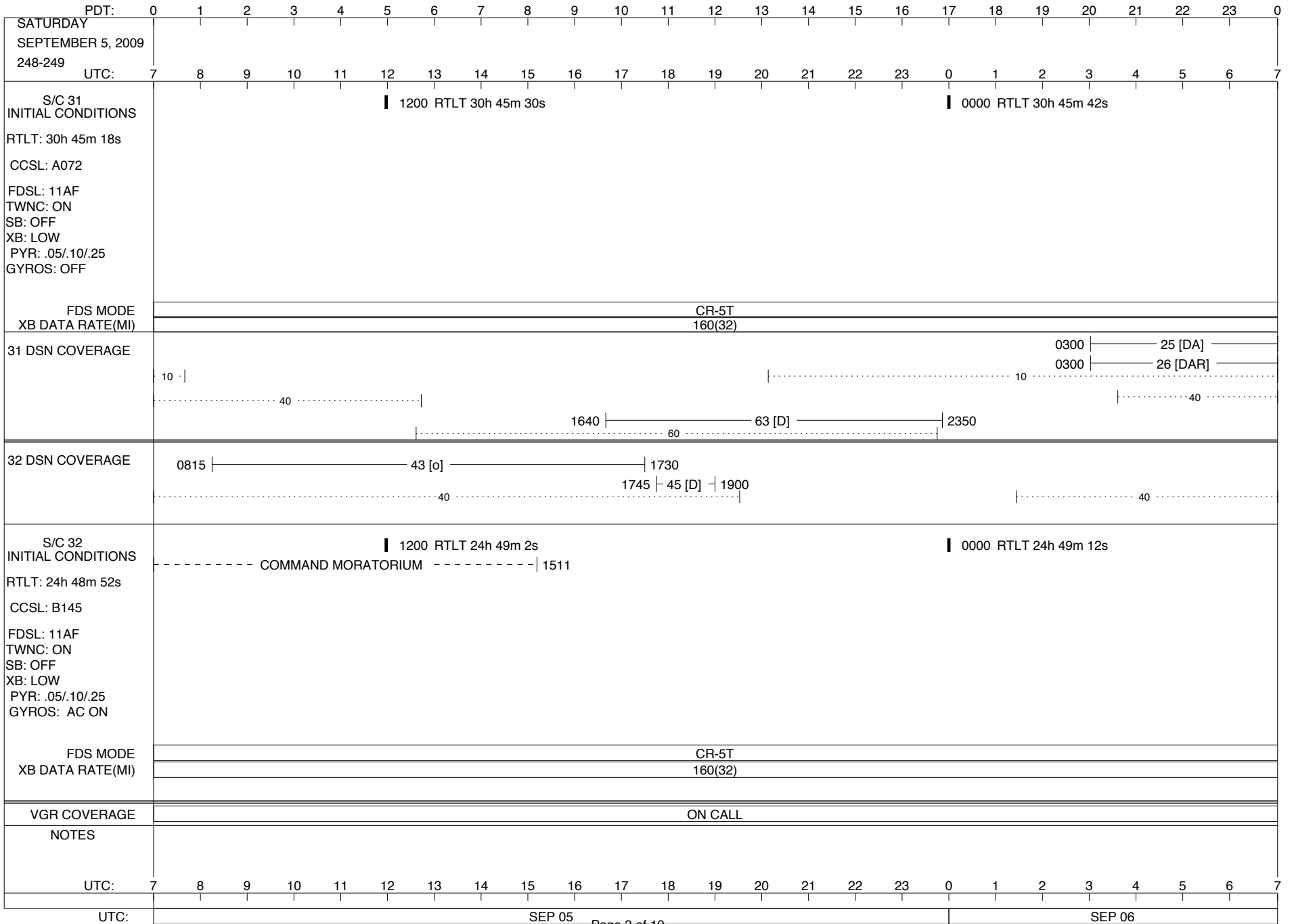
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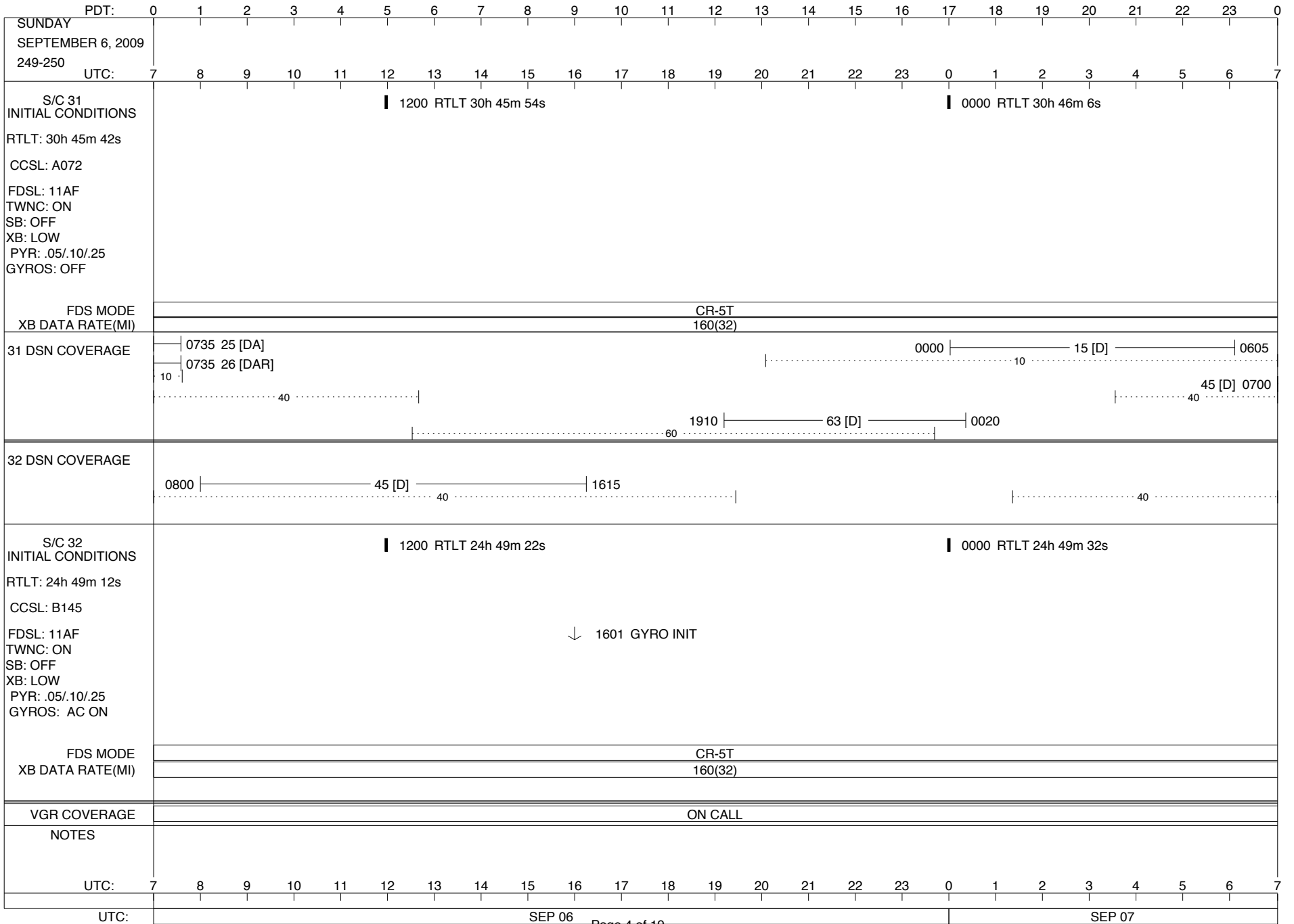
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S/C 31 INITIAL CONDITIONS RTLTL: 30h 44m 54s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 30h 45m 6s												0000 RTLTL 30h 45m 18s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0735 14 [D] 1010 43 [D] 1245 40												0010 15 [D] 0335 0315-0650 14 [D] 10 40 1705 63 [D] 0030 60												
32 DSN COVERAGE	45 [D] 1750 40												40												
S/C 32 INITIAL CONDITIONS RTLTL: 24h 48m 32s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 24h 48m 42s												0000 RTLTL 24h 48m 52s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1517 XB=2.8K(41) NOT RECOVERABLE																								
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
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ISSUE DATE: 09/08/09 22:11



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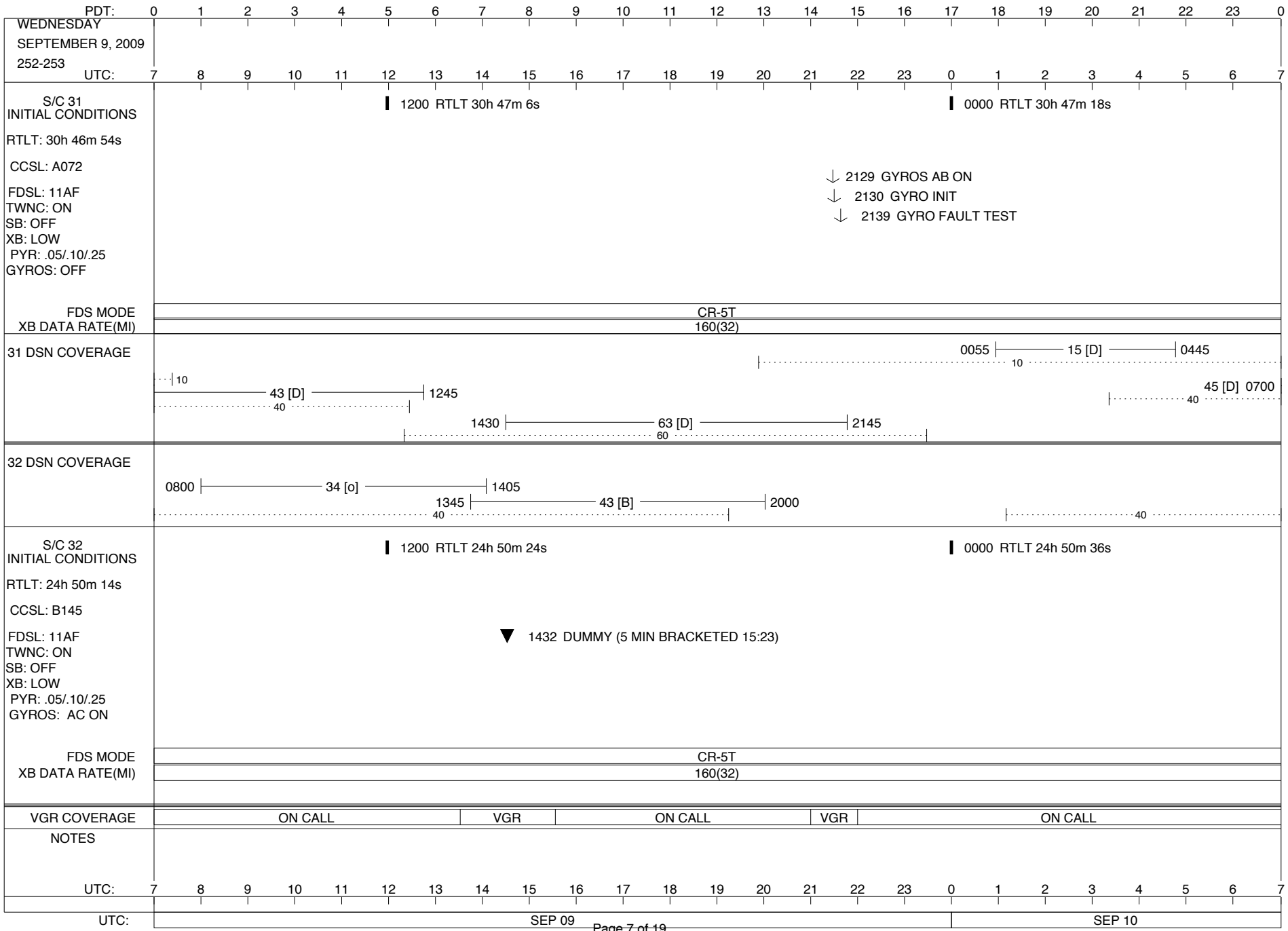
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S/C 31 INITIAL CONDITIONS RTLTL: 30h 46m 6s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLTL 30h 46m 18s												0000 RTLTL 30h 46m 30s														
FDS MODE																	CR-5T											
XB DATA RATE(MI)																	160(32)											
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLTL: 24h 49m 32s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON		1200 RTLTL 24h 49m 44s												0000 RTLTL 24h 49m 54s														
FDS MODE																	CR-5T											
XB DATA RATE(MI)																	160(32)											
VGR COVERAGE																	ON CALL											
NOTES		<b>JPL HOLIDAY!</b>																										
UTC:		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
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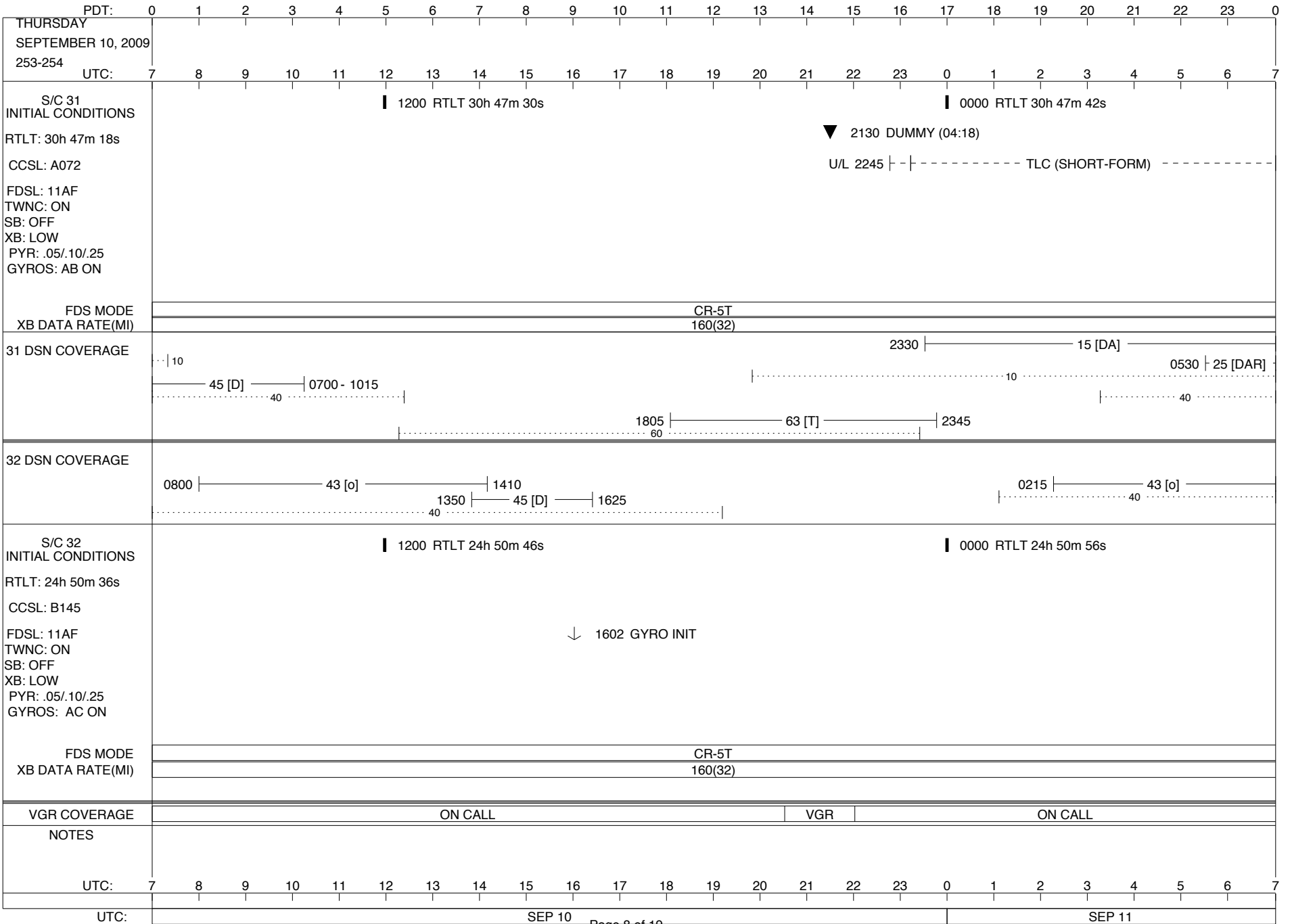
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SEPTEMBER 8, 2009																													
251-252																													
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S/C 31 INITIAL CONDITIONS		1200 RTLT 30h 46m 42s														0000 RTLT 30h 46m 54s													
RTLT: 30h 46m 30s																													
CCSL: A072		0853   0854 PWS/RH																											
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/.10/.25																													
GYROS: OFF																													
FDS MODE		CR-5T														CR-5T													
XB DATA RATE(MI)		160(32)														160(32)													
31 DSN COVERAGE																													
32 DSN COVERAGE																													
S/C 32 INITIAL CONDITIONS		1200 RTLT 24h 50m 4s														0000 RTLT 24h 50m 14s													
RTLT: 24h 49m 54s																													
CCSL: B145		1602 GYRO INIT																											
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/.10/.25																													
GYROS: AC ON																													
FDS MODE																CR-5T													
XB DATA RATE(MI)																160(32)													
VGR COVERAGE		ON CALL																											
NOTES		[1] S/C 31=GS-4B @ 0853 XB=2.8K(41) NOT RECOVERABLE																											
UTC:		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
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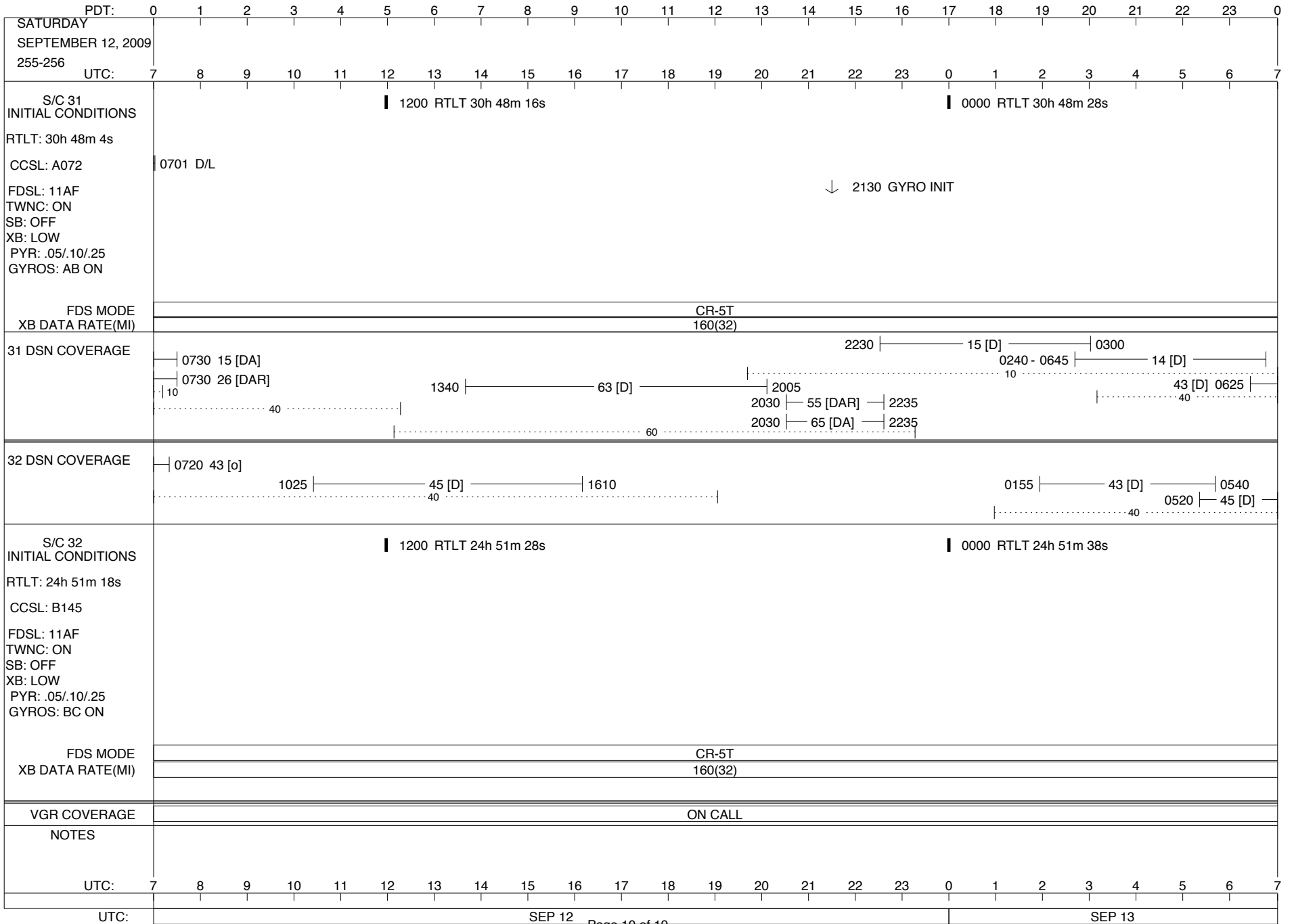
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S/C 31 INITIAL CONDITIONS RTLT: 30h 47m 42s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AB ON		1200 RTLT 30h 47m 52s														0000 RTLT 30h 48m 4s													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)														CR-5T 160(32)													
31 DSN COVERAGE																													
32 DSN COVERAGE																													
S/C 32 INITIAL CONDITIONS RTLT: 24h 50m 56s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON		1200 RTLT 24h 51m 6s														0000 RTLT 24h 51m 18s													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																											
VGR COVERAGE		VGR ON CALL																											
NOTES		[1] S/C 31=GS-4B @ 1454 XB=2.8K(41) NOT RECOVERABLE																											
UTC:		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
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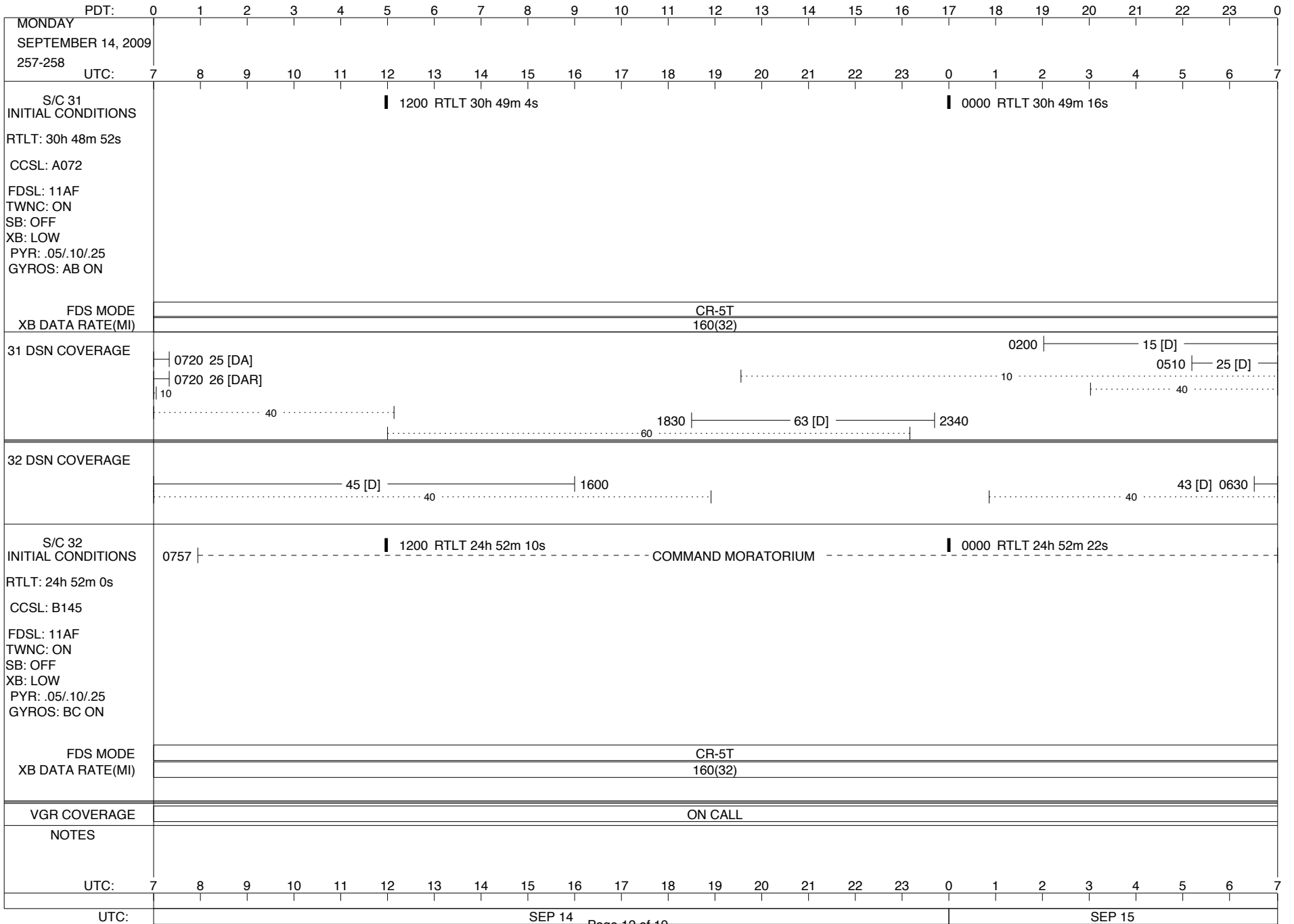
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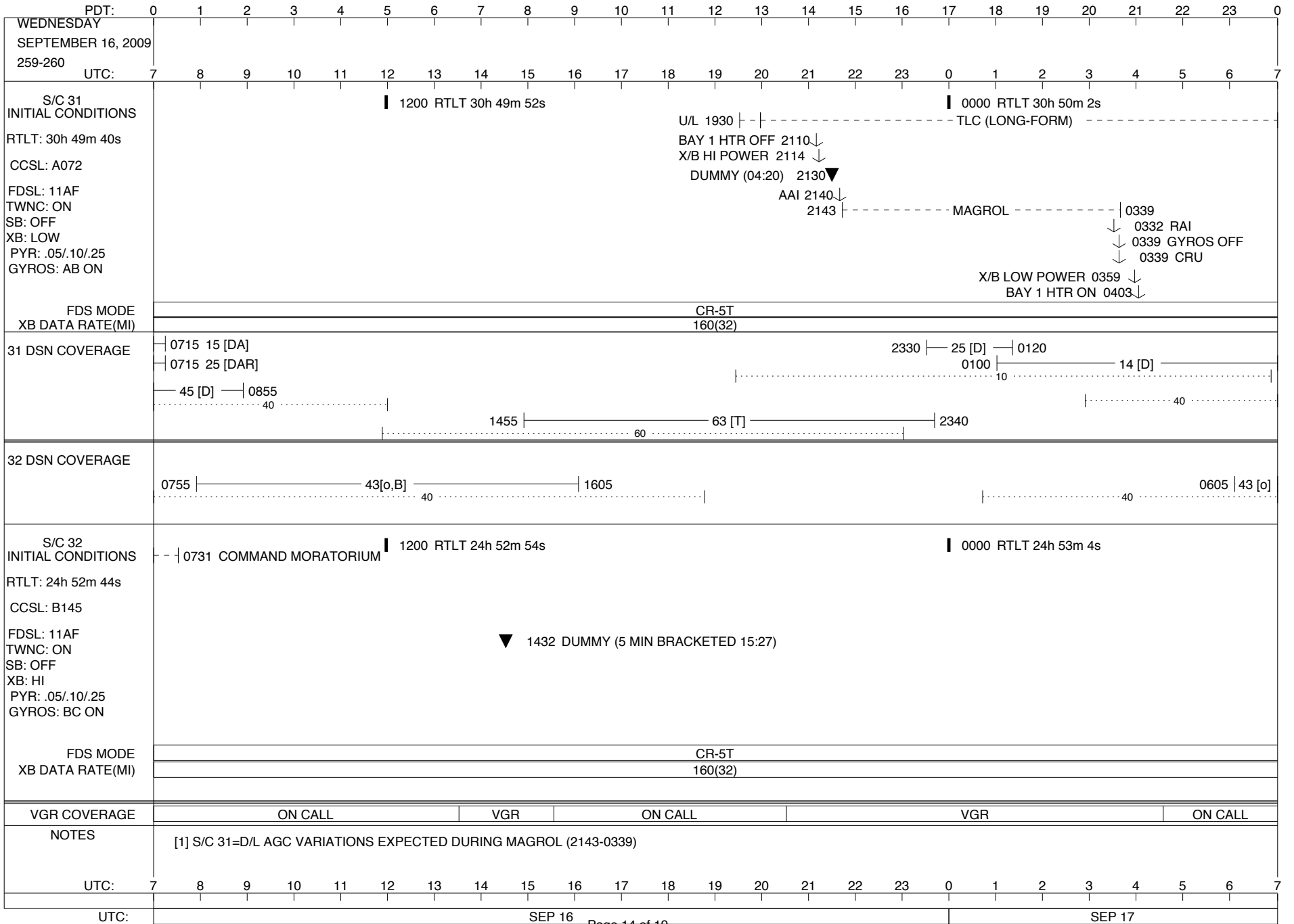
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SUNDAY SEPTEMBER 13, 2009 256-257																									
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S/C 31 INITIAL CONDITIONS RTLTL: 30h 48m 28s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: AB ON	1200 RTLTL 30h 48m 40s												0000 RTLTL 30h 48m 52s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	10   43 [D]   0805 ..... 40 ..... 1740   ..... 60 ..... 2140   ..... 40 ..... 2120   ..... 15 [D] ..... 0535   ..... 25 [DA] ..... 0510   ..... 26 [DAR] .....																								
32 DSN COVERAGE	45 [D]   0800 ..... 40 ..... 1130   ..... 43 [o] ..... 1525   ..... 40 ..... 0545   ..... 45 [D] .....																								
S/C 32 INITIAL CONDITIONS RTLTL: 24h 51m 38s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: BC ON	1200 RTLTL 24h 51m 50s												0000 RTLTL 24h 52m 0s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL																								
NOTES																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
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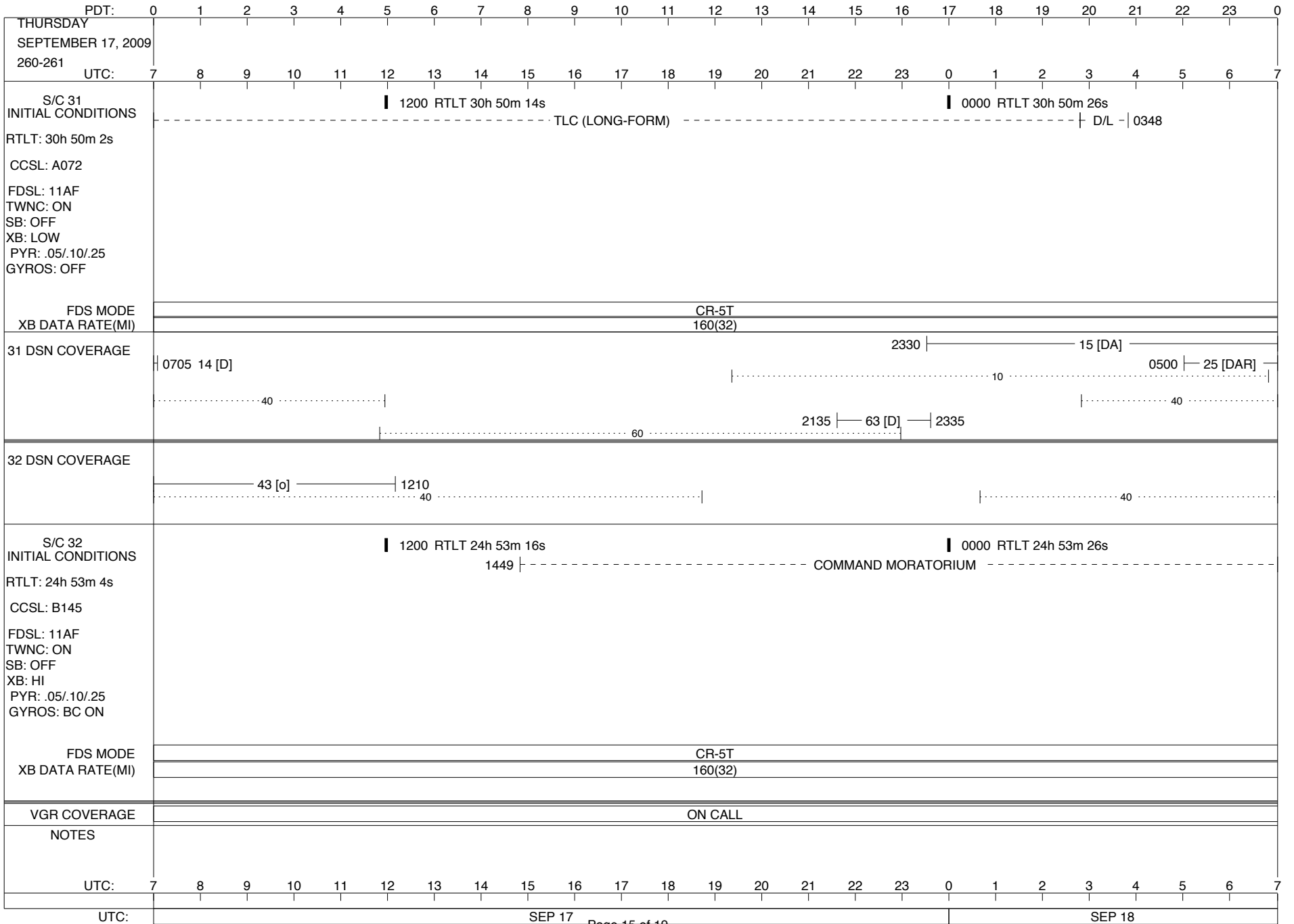
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TUESDAY SEPTEMBER 15, 2009 258-259																										
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S/C 31 INITIAL CONDITIONS RTLTL: 30h 49m 16s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AB ON	1200 RTLT 30h 49m 28s												0000 RTLT 30h 49m 40s													
													2130 GYRO INIT													
													0455 GS-4B 0455 ↓													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	0715 15 [D] 0715 25 [D] 10 40												2315 15 [DA] 0510 25 [DAR] 10 45 [D] 0615 40													
	1750 63 [D] 60												2340													
32 DSN COVERAGE	43 [D] 40												1400 40													
S/C 32 INITIAL CONDITIONS RTLTL: 24h 52m 22s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 24h 52m 32s												0000 RTLT 24h 52m 44s													
	↓ 0820 BAY 1 HTR OFF												COMMAND MORATORIUM													
	↓ 0824 X/B HI POWER																									
	↓ 0920 ALL DB=.05																									
	AAI 0936 ↓																									
	ASCAL 0937   - -   1014																									
	RAI 1011 ↓																									
	CRU 1014 ↓												1217   1225 3 CCSA FULL MRO'S													
	YAW=.10 1022 ↓																									
	ROLL=.25 1022 ↓																									
	1024 GYRO FAULT TEST																									
	↓ 0905 ↓ 1017 ↓ 1157 EH-12 1227																									
FDS MODE	CR-5T			EL-40			CR-5T						CR-5T													
XB DATA RATE(MI)	160(32)			40(30)			160(32)						160(32)													
VGR COVERAGE	VGR												ON CALL													
NOTES	[1] S/C 31=GS-4B @ 0455 XB=2.8K(41) NOT RECOVERABLE												[4] S/C 32=CR-5T @ 1017 XB=160(32)													
	[2] S/C 32=D/L /SNR VARIATIONS EXPECTED DURING ASCAL (0936-1013)												[5] S/C 32=EH-12 @ 1157 XB=1.2K(39)													
	[3] S/C 32=EL-40 @ 0905 XB=40(30)												[6] S/C 32=CR-5T @ 1227 XB=160(32)													
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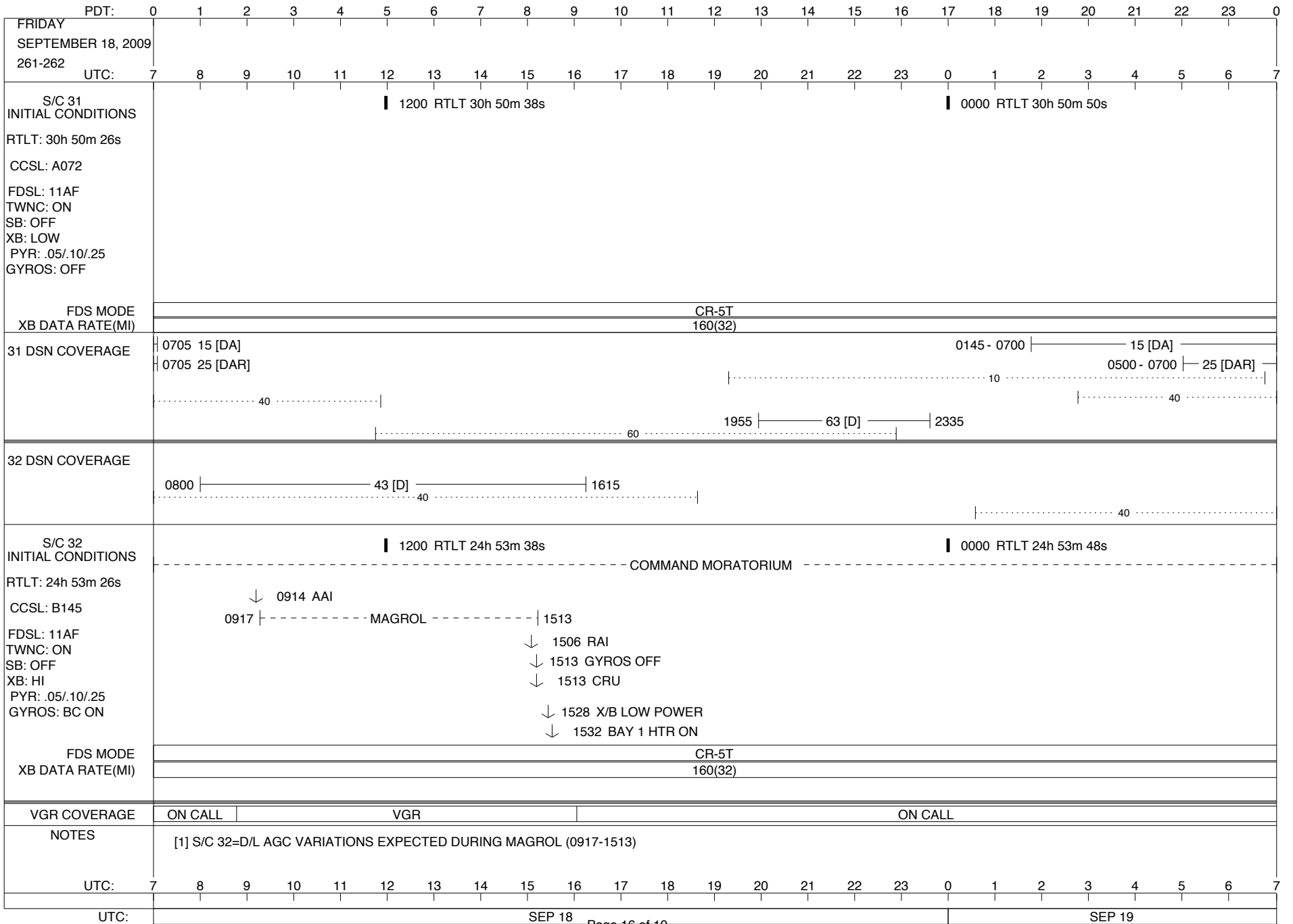


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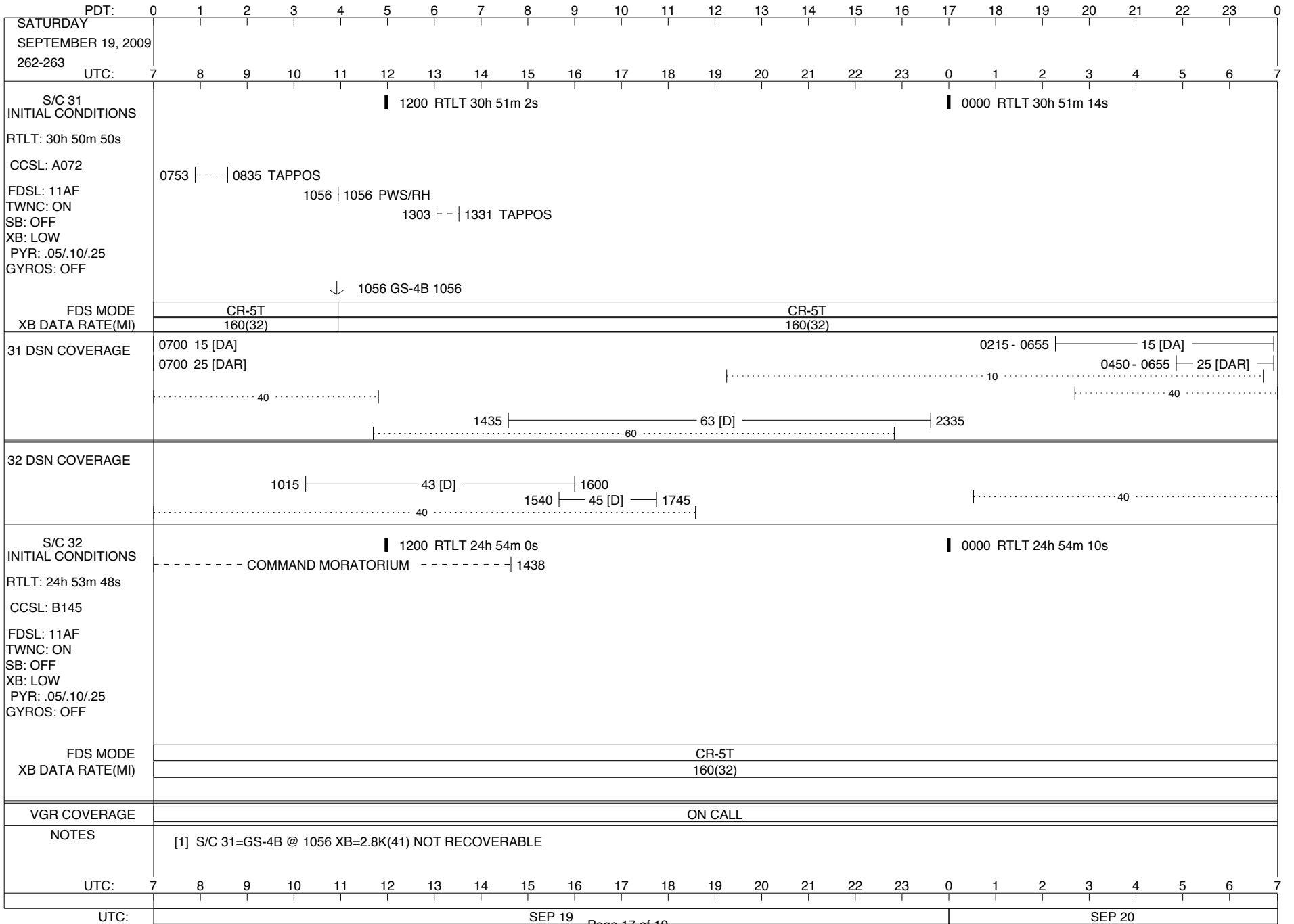




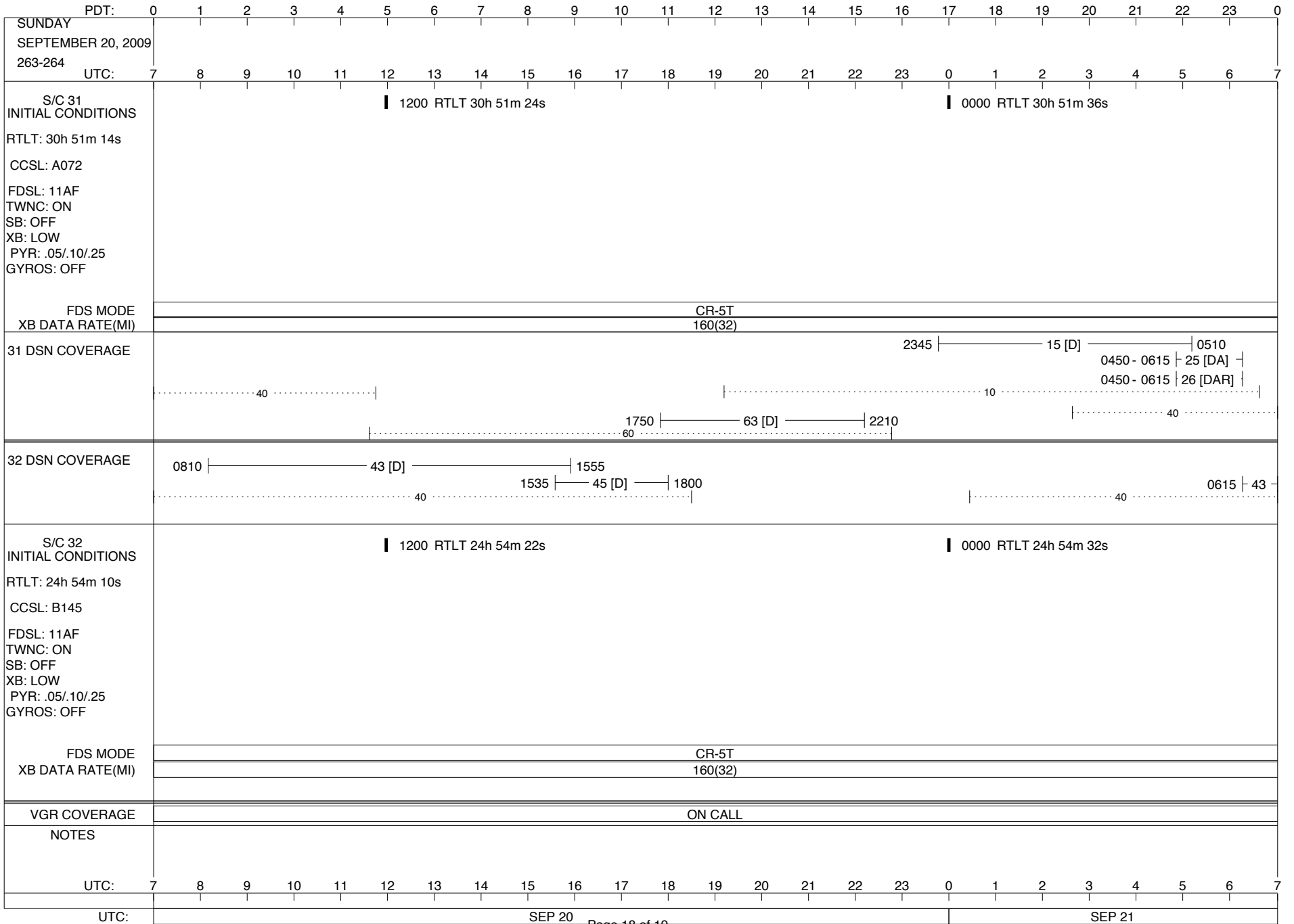
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FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p style="text-align: center;">..... 40 .....   ..... 60 .....   ..... 1920 .....   ..... 63 [D] .....   ..... 2325</p>																										
32 DSN COVERAGE	<p style="text-align: center;">..... 43 .....   ..... 1100 .....   ..... 40 .....</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 24h 54m 32s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">  1200 RTLT 24h 54m 44s</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
VGR COVERAGE	ON CALL																										
NOTES																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
UTC:	SEP 21													SEP 22													