

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: September 30, 2009

For the Period: 10/01/09 to 10/19/09 (09-274 – 09-292)

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

**SCIENCE**

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

**DSOT (1) 230-102**

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

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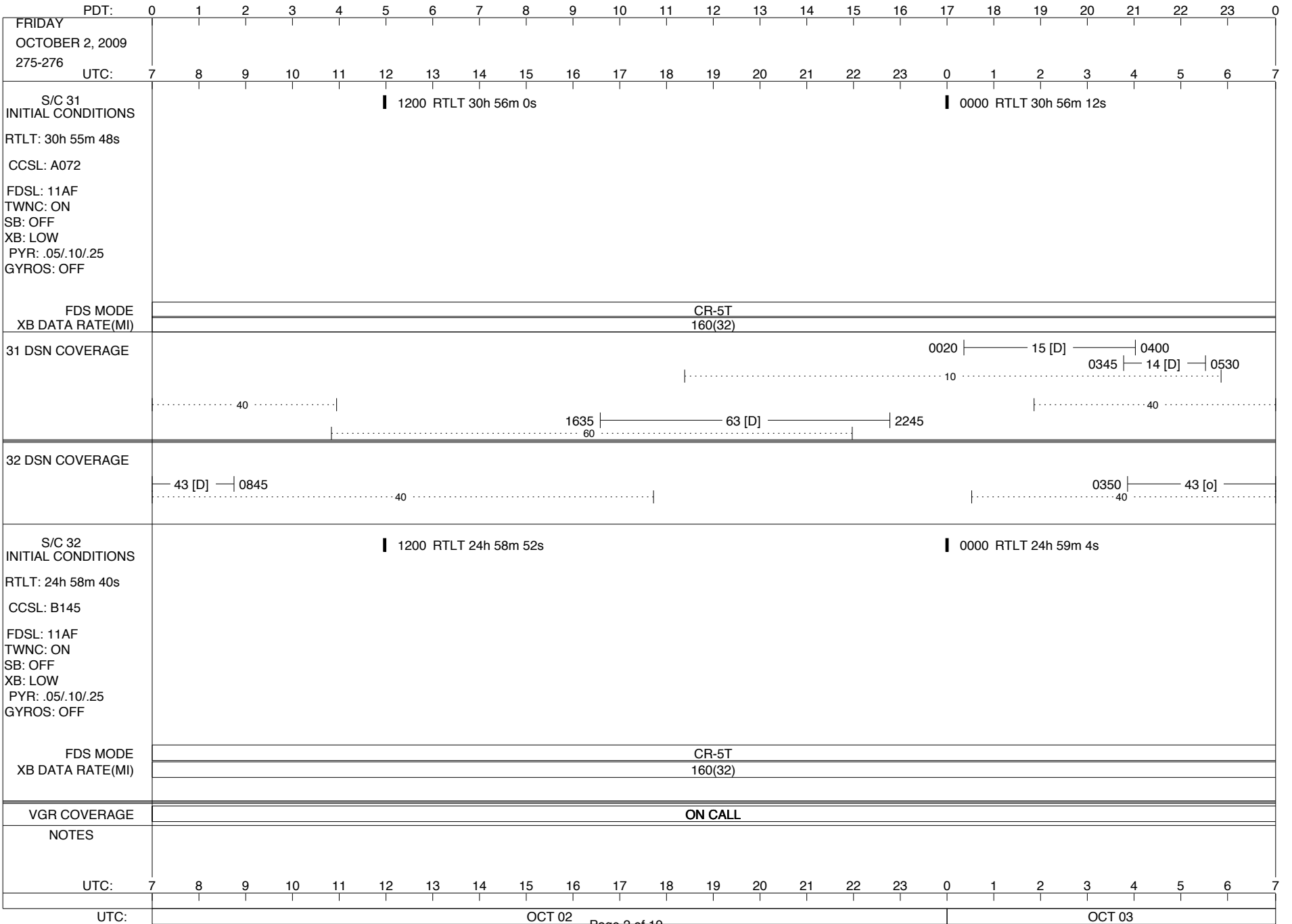
**LEGEND:**

- ▽ = 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

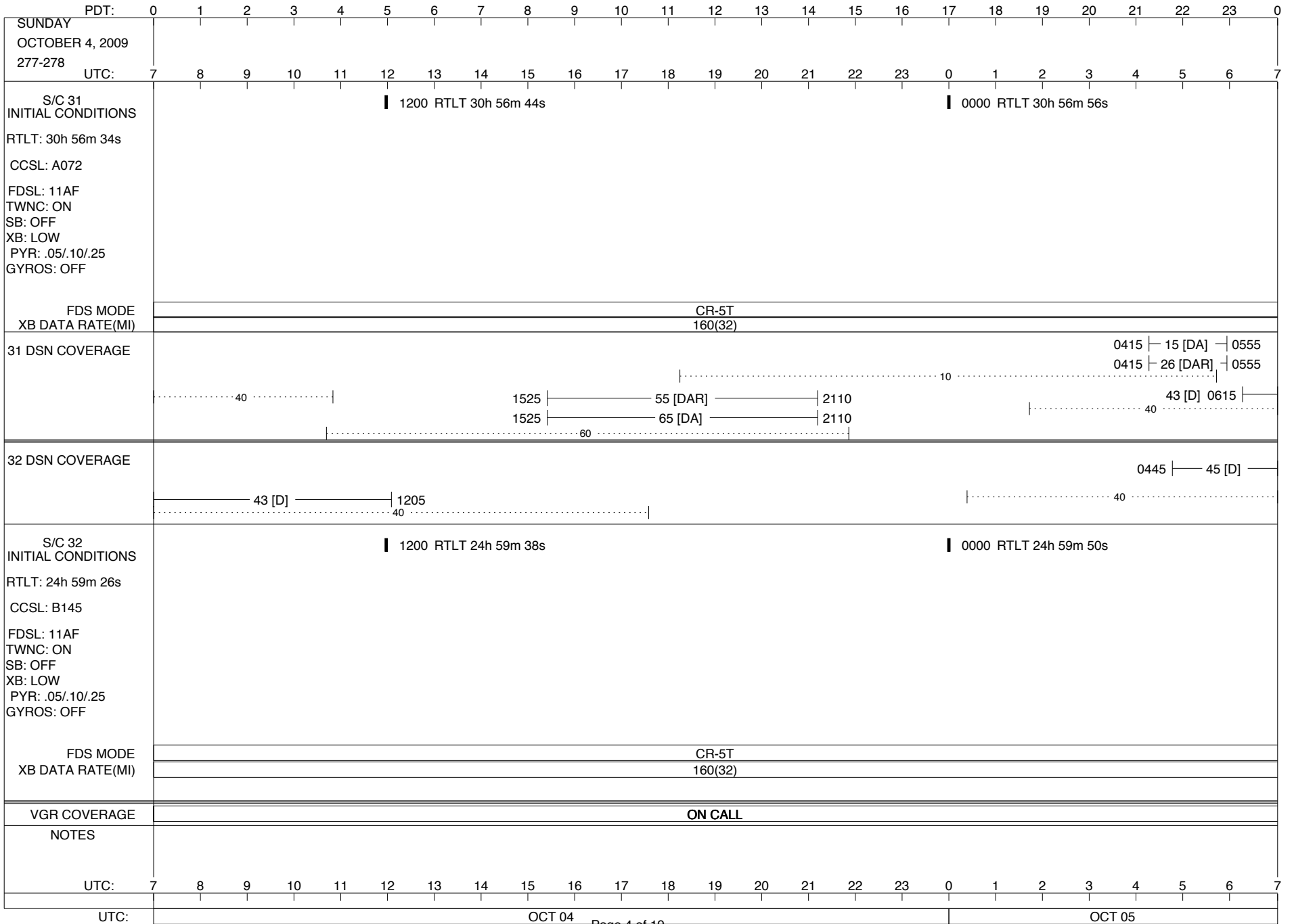
\*Electronic Copy Only  
(17 – Dist/N: Paper Copies)  
04/02/09

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THURSDAY OCTOBER 1, 2009 274-275																										
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	
S/C 31 INITIAL CONDITIONS RTLT: 30h 55m 26s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 55m 38s												0000 RTLT 30h 55m 48s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	43 [D] ————   1120 ..... 40 ..... ..... 60 .....												2330  ————— 14 [D] —————  0610 ..... 10 ..... ..... 40 .....													
32 DSN COVERAGE	0830  ————— 45 [D] —————  1255 ..... 40 .....												0210  ————— 43 [D] —————  ..... 40 .....													
S/C 32 INITIAL CONDITIONS RTLT: 24h 58m 18s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 58m 30s												0000 RTLT 24h 58m 40s													
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	
UTC:	OCT 01													OCT 02												

ISSUE DATE: 10/08/09 13:56



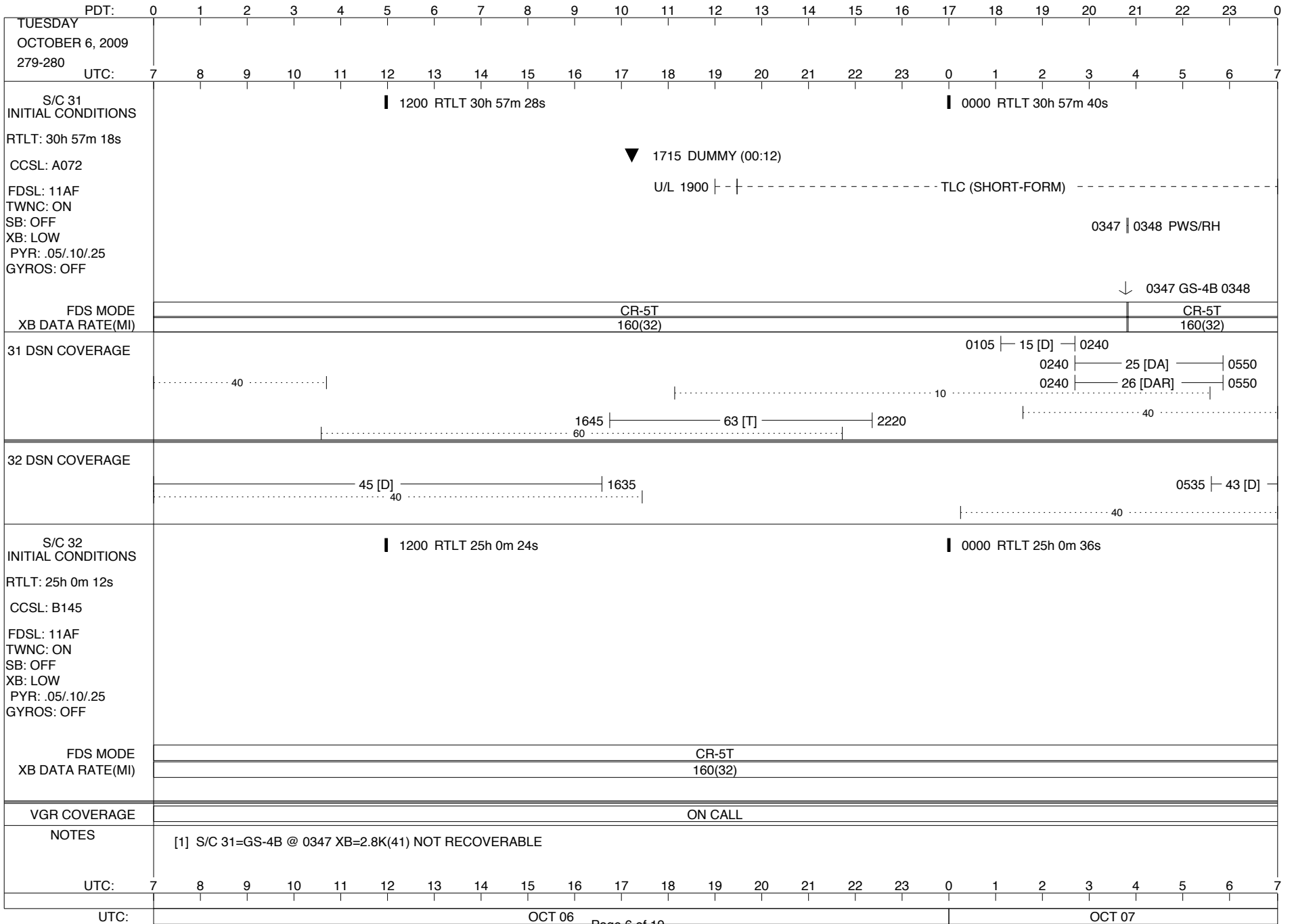
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SATURDAY OCTOBER 3, 2009 276-277	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 30h 56m 12s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 30h 56m 22s												0000 RTLT 30h 56m 34s												
	0708 - 0721 TAPPOS 1010   1011 PWS/RH 1218   -   1245 TAPPOS																								
	↓ 1010 GS-4B 1011																								
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	40												0335   15 [DA]   0605 0420   25 [DAR]   0605 1415   55 [DAR]   2230 1415   65 [DA]   2230 60												
32 DSN COVERAGE	43 [o]   1535 40												0145 - 0635   45 [D]   43 [D] 0615   40												
S/C 32 INITIAL CONDITIONS RTLTL: 24h 59m 4s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 24h 59m 16s												0000 RTLT 24h 59m 26s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 1010 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
UTC:	OCT 03												OCT 04												



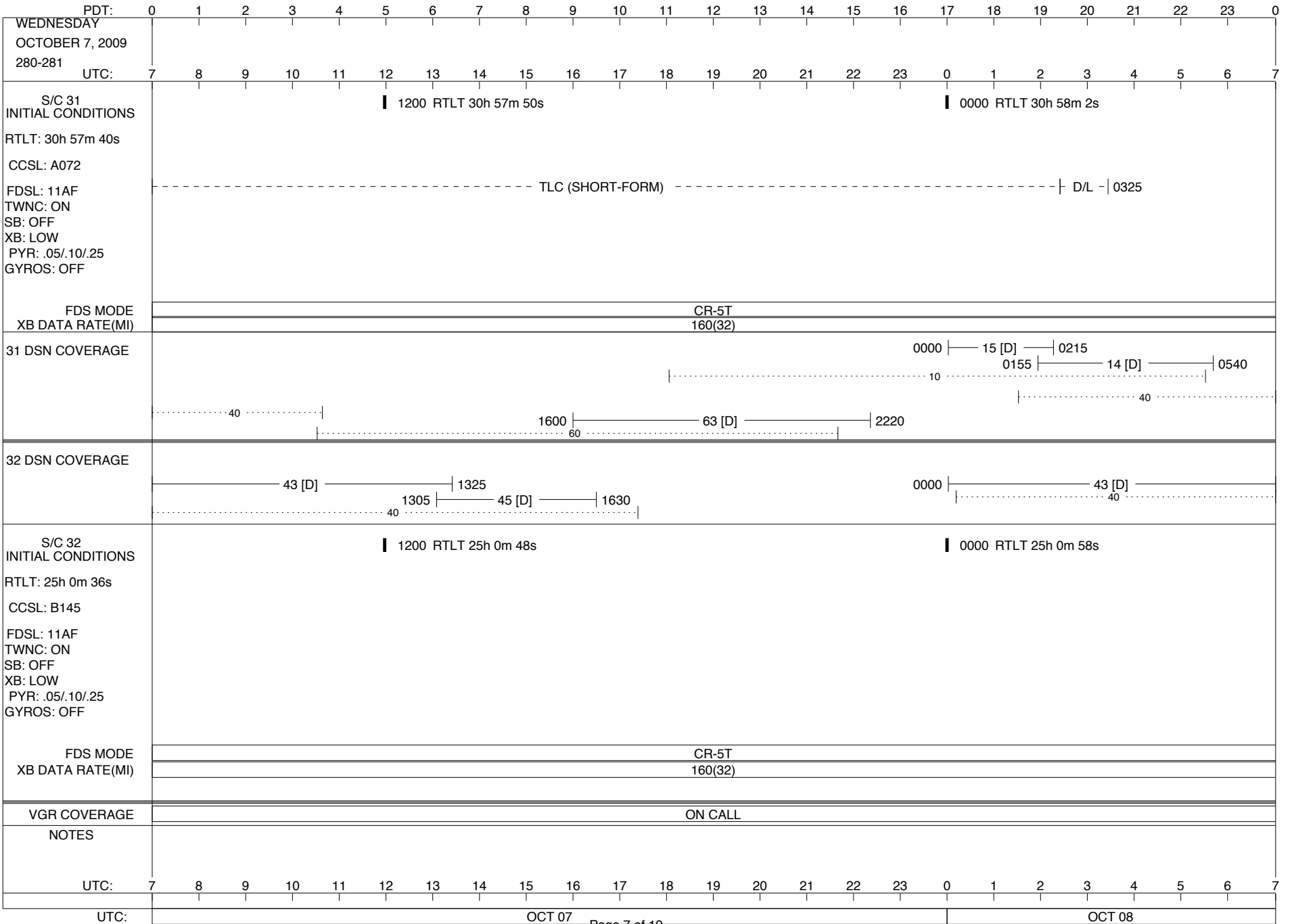
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MONDAY OCTOBER 5, 2009 278-279																									
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S/C 31 INITIAL CONDITIONS RTLT: 30h 56m 56s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						█ 1200												█ 0000							
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 24h 59m 50s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						█ 1200												█ 0000							
FDS MODE XB DATA RATE(MI)																									
VGR COVERAGE																									
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:																									

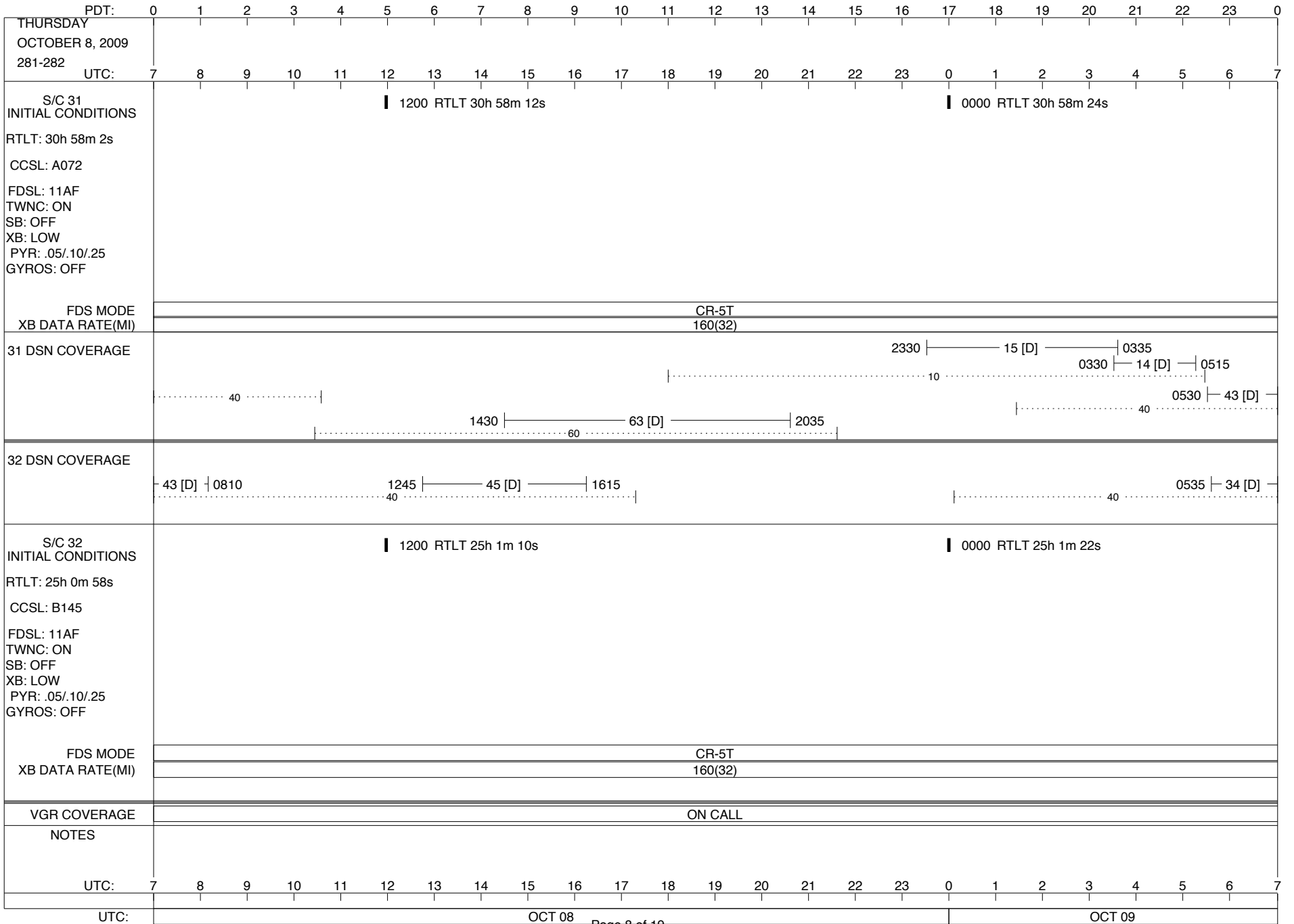
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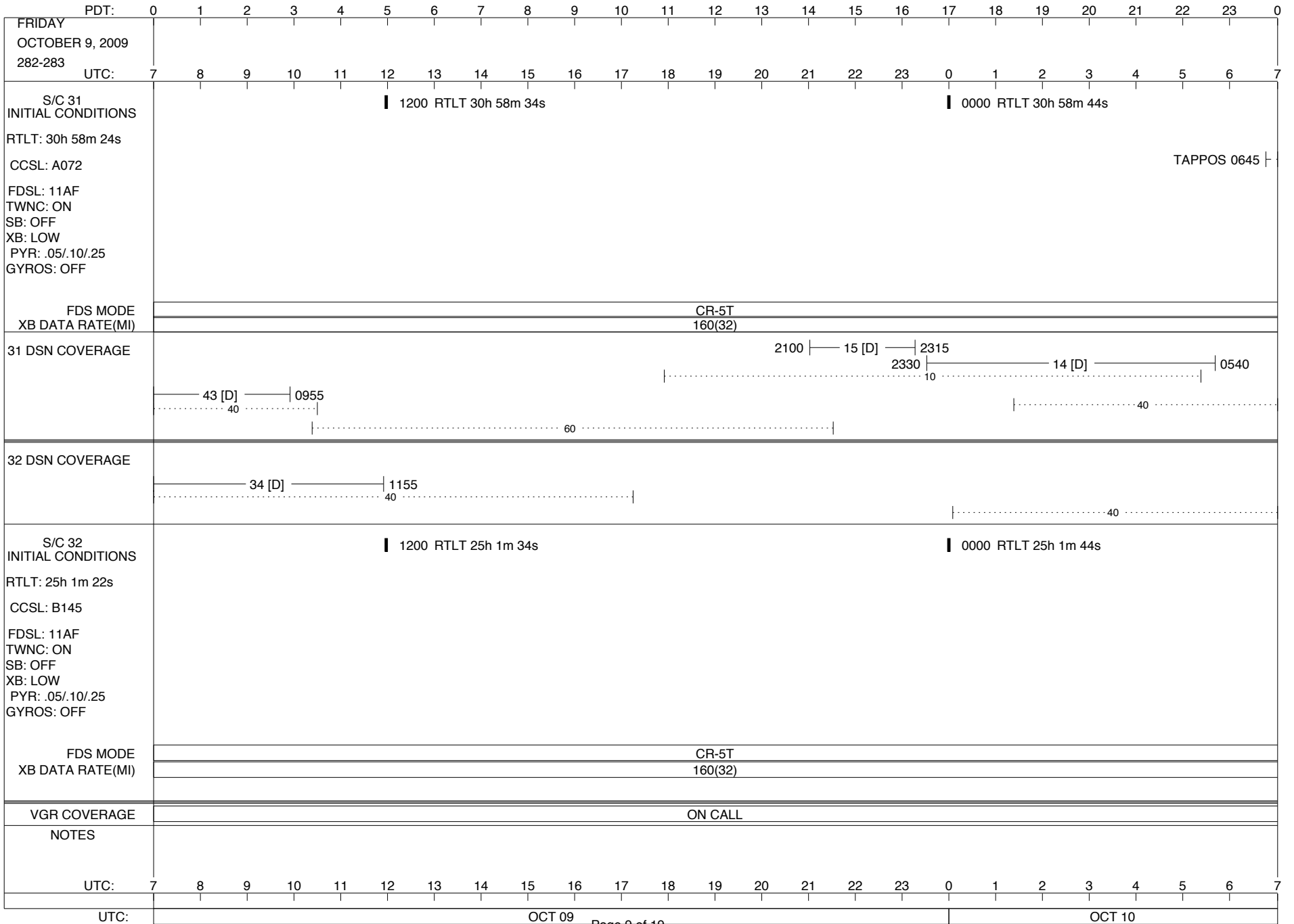


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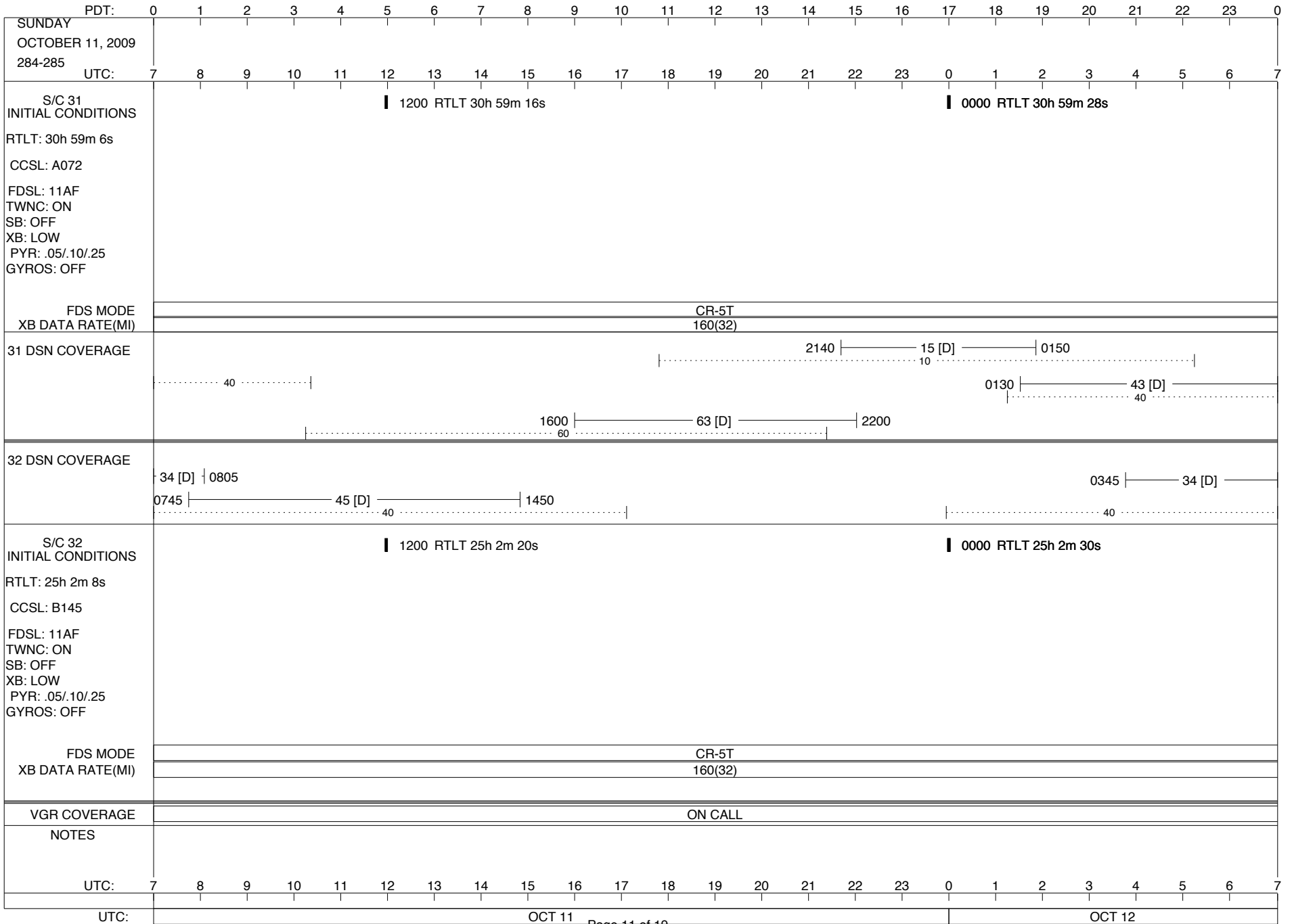




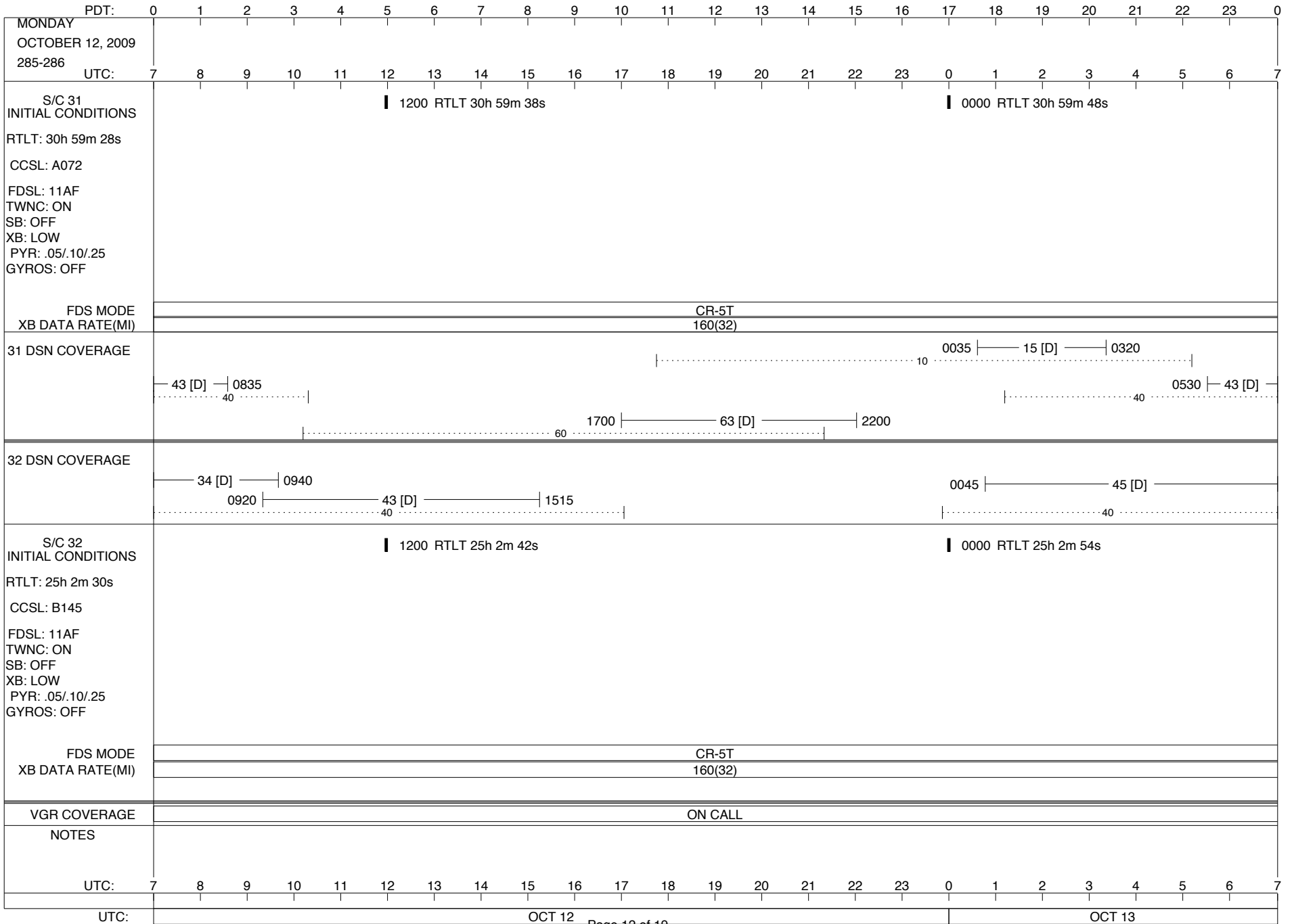


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SATURDAY OCTOBER 10, 2009 283-284	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 30h 58m 44s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 58m 56s												0000 RTLT 30h 59m 6s												
0726 TAPPOS 0948   0948 PWS/RH 1155   - - -   1250 TAPPOS  ↓ 0948 GS-4B 0948																									
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 RTLTL: 25h 1m 44s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 25h 1m 56s												0000 RTLT 25h 2m 8s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0948 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
UTC:	OCT 10												OCT 11												

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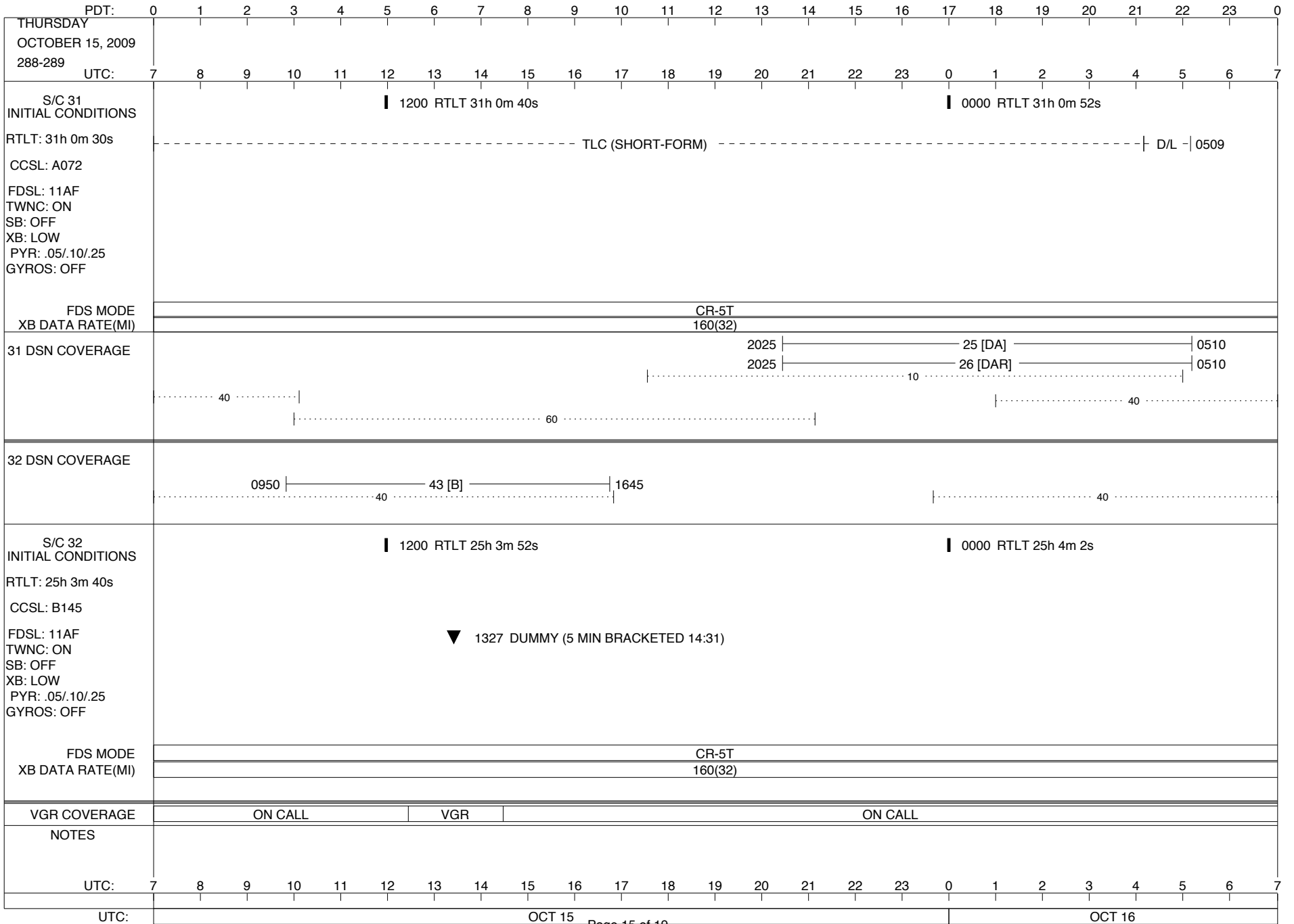
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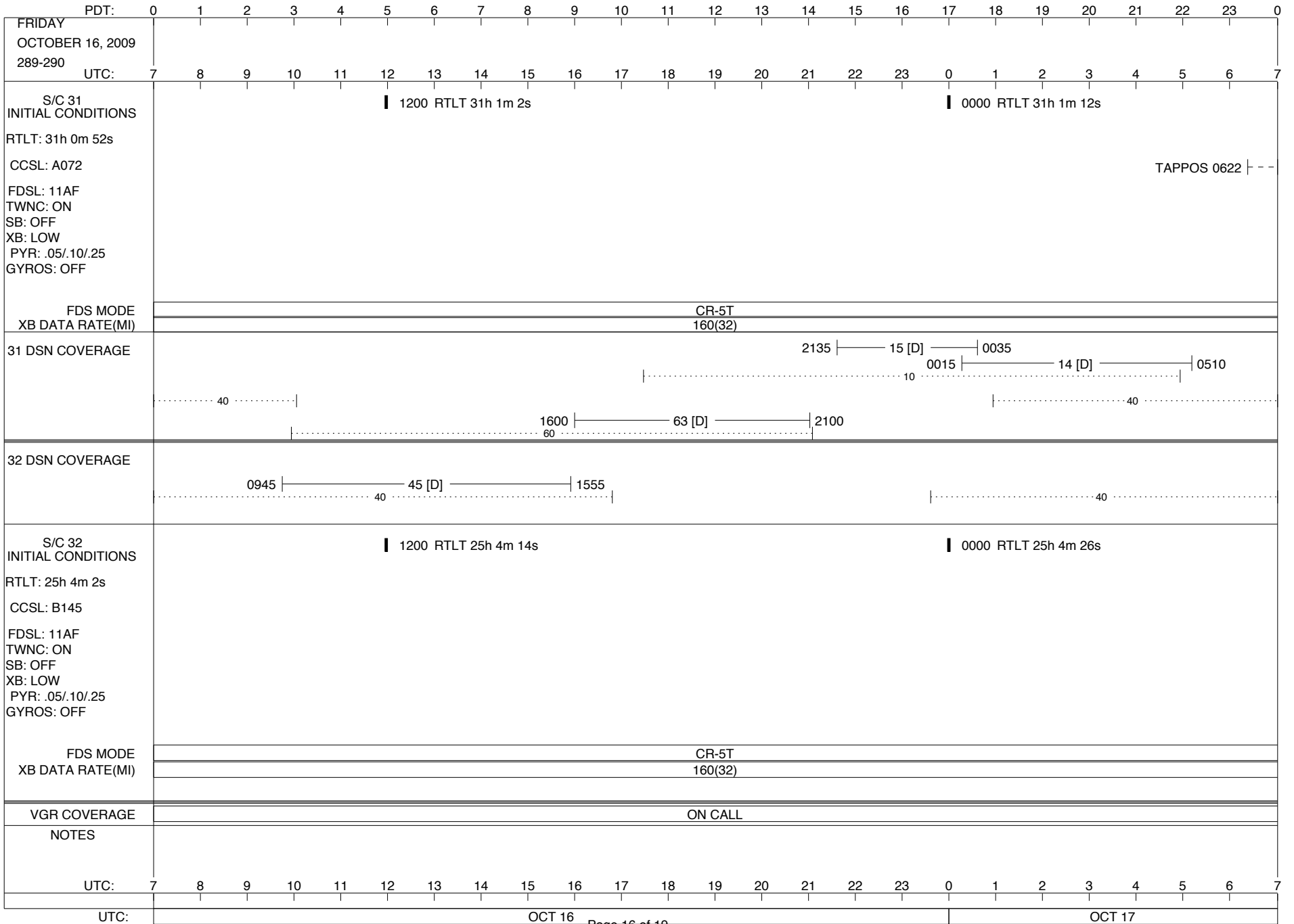
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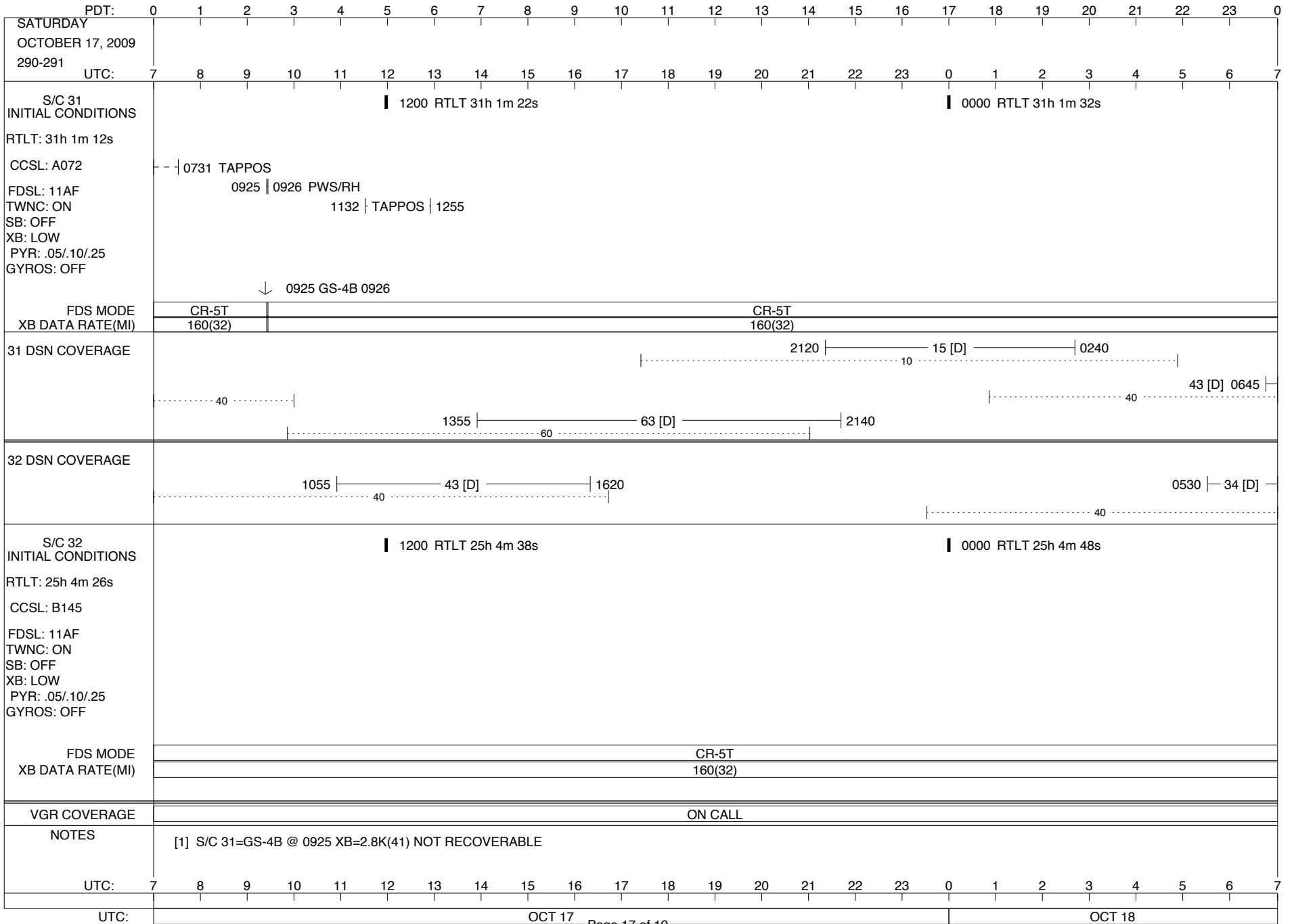
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UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
<b>WEDNESDAY</b> <b>OCTOBER 14, 2009</b> <b>287-288</b>																												
<b>S/C 31</b> <b>INITIAL CONDITIONS</b> RTLT: 31h 0m 10s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<b>1200 RTLT 31h 0m 20s</b>														<b>0000 RTLT 31h 0m 30s</b>													
<b>FDS MODE</b> <b>XB DATA RATE(MI)</b>	<b>CR-5T</b> 160(32)														<b>EL-40</b> 40(30)				<b>CR-5T</b> 160(32)									
<b>31 DSN COVERAGE</b>																												
<b>32 DSN COVERAGE</b>																												
<b>S/C 32</b> <b>INITIAL CONDITIONS</b> RTLT: 25h 3m 16s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<b>1200 RTLT 25h 3m 28s</b>														<b>0000 RTLT 25h 3m 40s</b>													
<b>FDS MODE</b> <b>XB DATA RATE(MI)</b>	<b>CR-5T</b> 160(32)																											
<b>VGR COVERAGE</b>	<b>ON CALL</b>														<b>VGR</b>				<b>ON CALL</b>									
<b>NOTES</b>	1] A073 BACKUP UPLINK TRACK 2] S/C 31=EL-40 XB=40(30) @ 0225 3] S/C 32=CR-5T XB=160(32) @ 0325																											
<b>UTC:</b>	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			
<b>UTC:</b>	<b>OCT 14</b>														<b>OCT 15</b>													



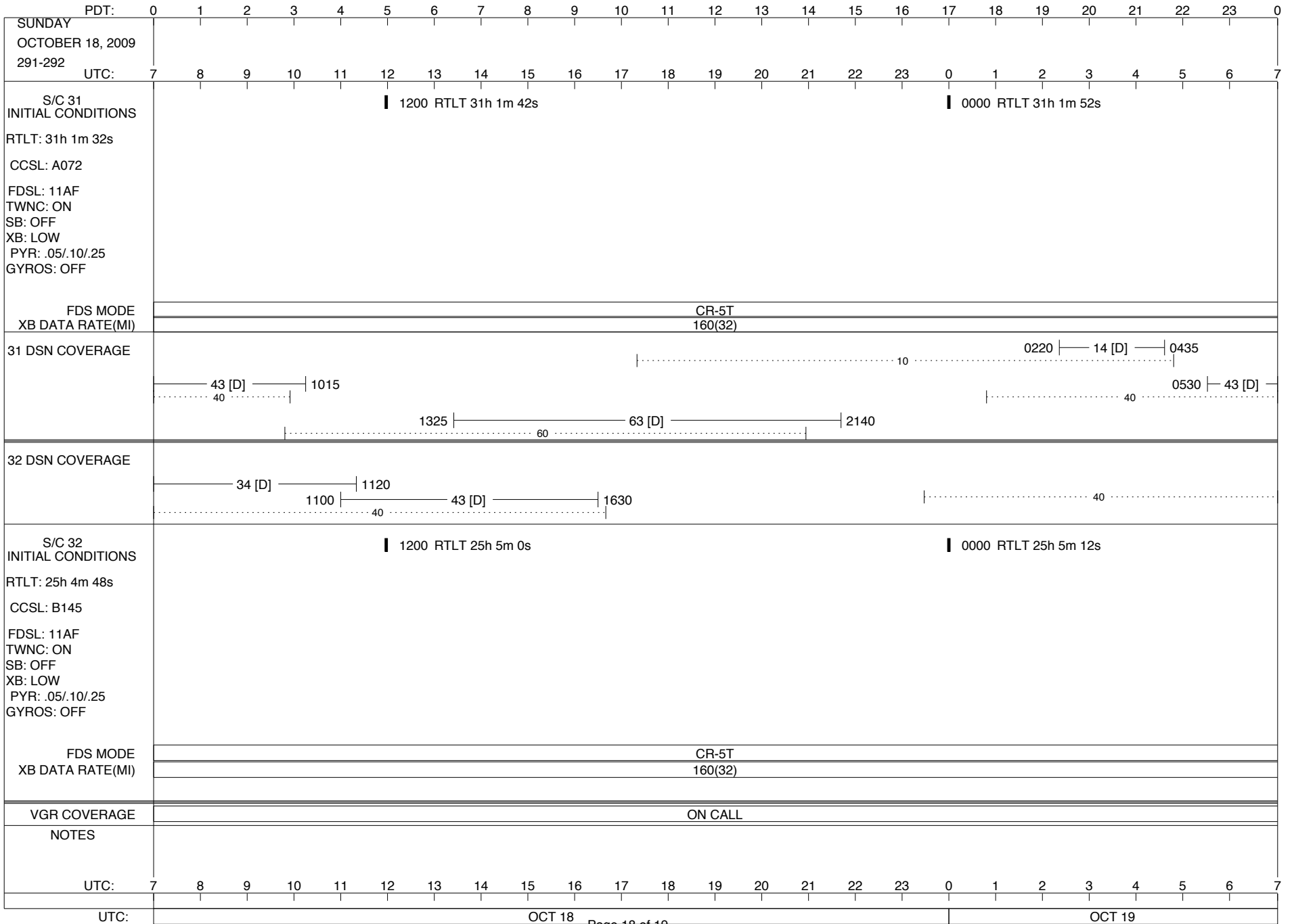


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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0		
MONDAY OCTOBER 19, 2009 292-293																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 31h 1m 52s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 31h 2m 2s																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<p>43 [D]   0900 40 1600   63 [D]   2135 60</p>																										
32 DSN COVERAGE	<p>0945   43 [D]   1500 40</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 25h 5m 12s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 25h 5m 24s																										
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		
UTC:	OCT 19													OCT 20													