

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: August 13, 2009

For the Period: 08/13/09 to 09/07/09 (09-225 – 09-250)

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)
- Massey, Ed
- Matsumoto, S.
- Medina, E.
- Peralta, F.
- Poynter, R.
- Weeks, T.
- Wong, R.
- Yang, L
- Zottarelli, L.

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LEGEND:

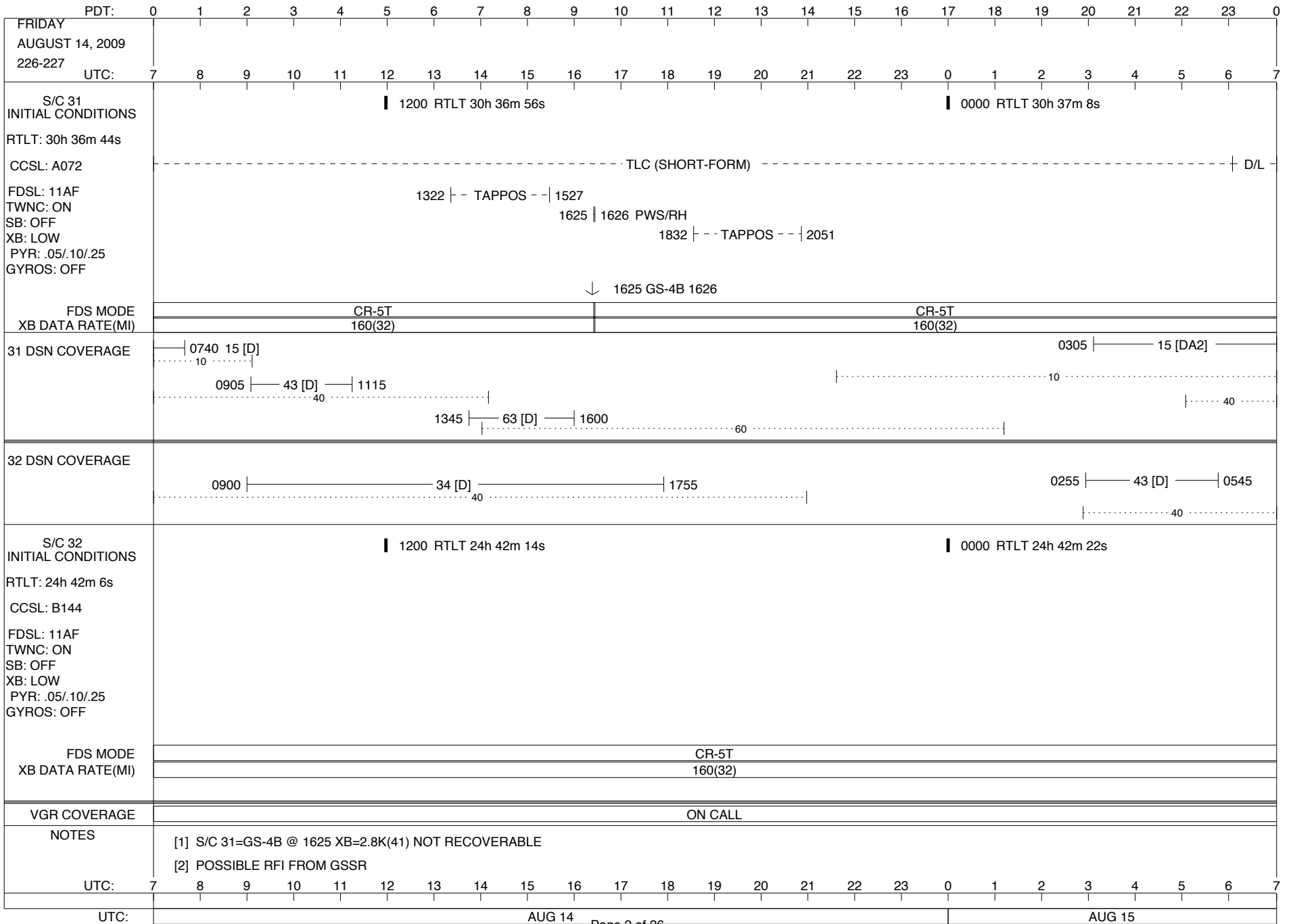
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = 7-Point BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink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

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04/02/09

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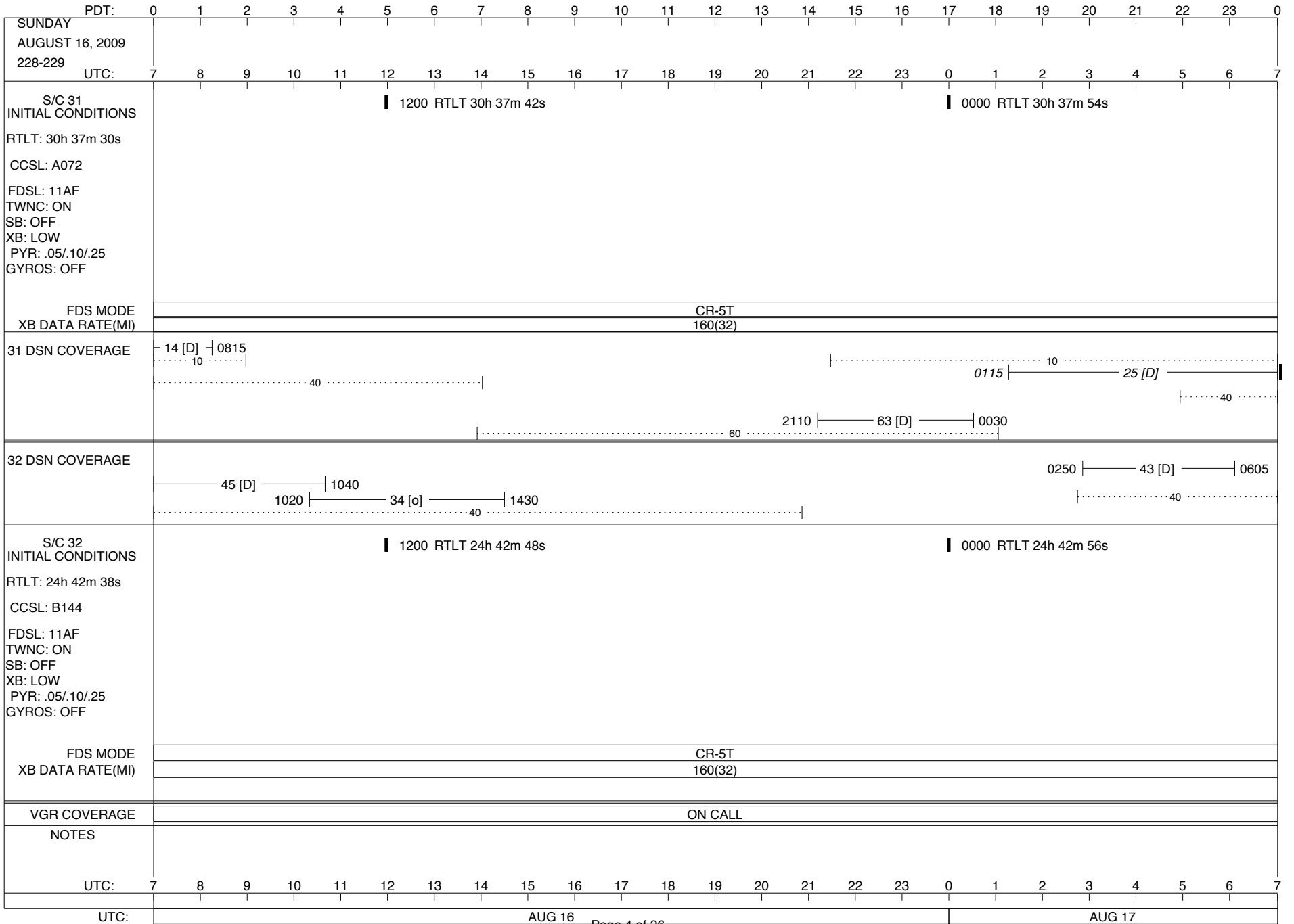
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S/C 31 INITIAL CONDITIONS RTLT: 30h 36m 22s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 36m 34s												0000 RTLT 30h 36m 44s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	15 [DA] 0700 - 0930 24 [DAR] 0730 - 0930 10												2345 15 [D] 10 40 1615 63 [T] 0005 60												
32 DSN COVERAGE	43 [D1] 1645 40												40												
S/C 32 INITIAL CONDITIONS RTLT: 24h 41m 50s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 41m 58s												0000 RTLT 24h 42m 6s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL												VGR						ON CALL						
NOTES	[1] B145 U/L BACKUP TRACK																								
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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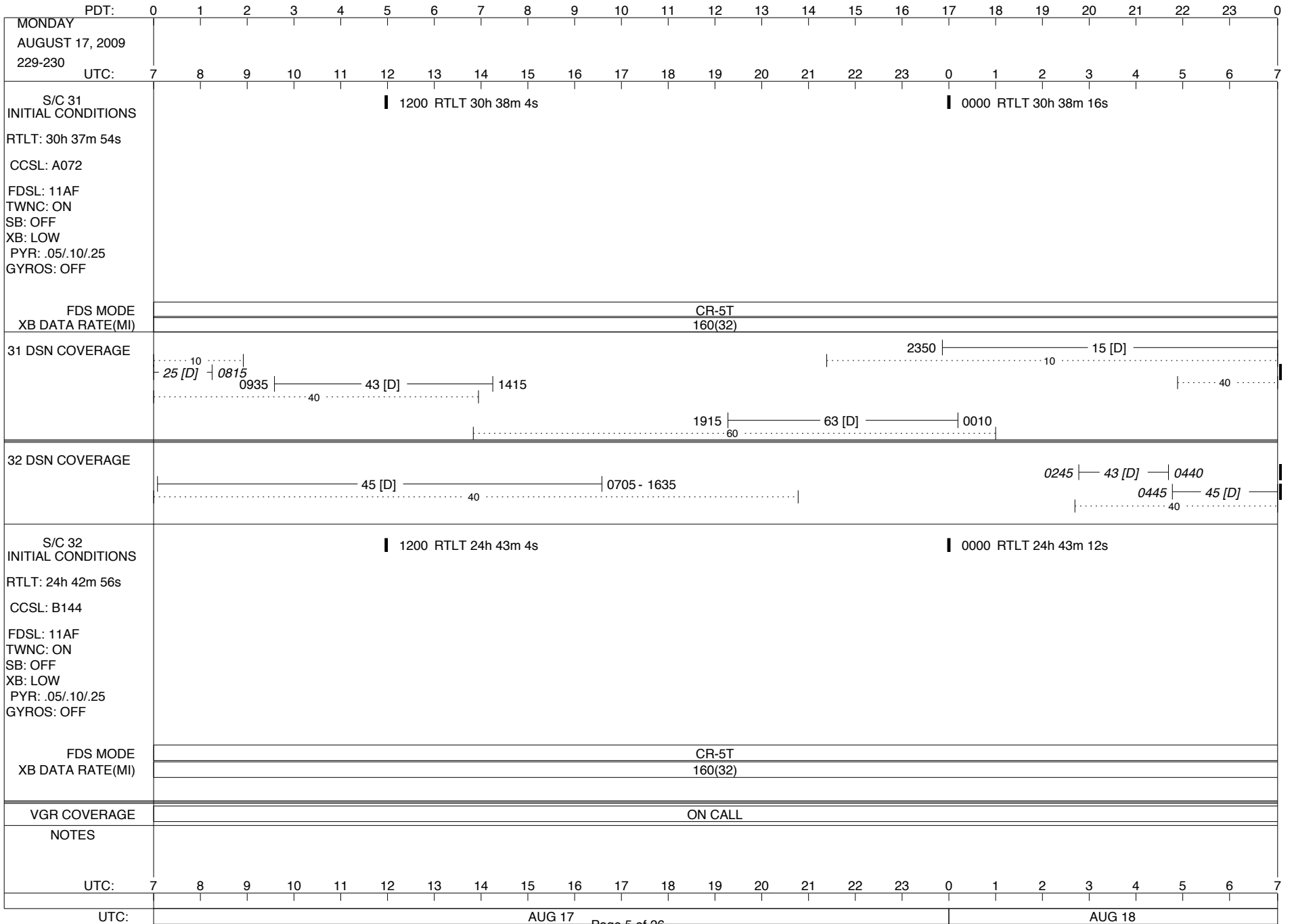


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S/C 31 INITIAL CONDITIONS RTLTL: 30h 37m 8s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 30h 37m 18s												0000 RTLTL 30h 37m 30s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	15 [DA2] 0920 26 [DAR] 0710 - 0920 10 40												2225 14 [D] 10 1905 63 [D] 2245 60													
32 DSN COVERAGE	1100 45 [D] 1420 1400 43 [D] 1830 40												0250 43 [D] 0505 0445 45 [D] 40													
S/C 32 INITIAL CONDITIONS RTLTL: 24h 42m 22s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 24h 42m 30s												0000 RTLTL 24h 42m 38s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
VGR COVERAGE													ON CALL													
NOTES																										
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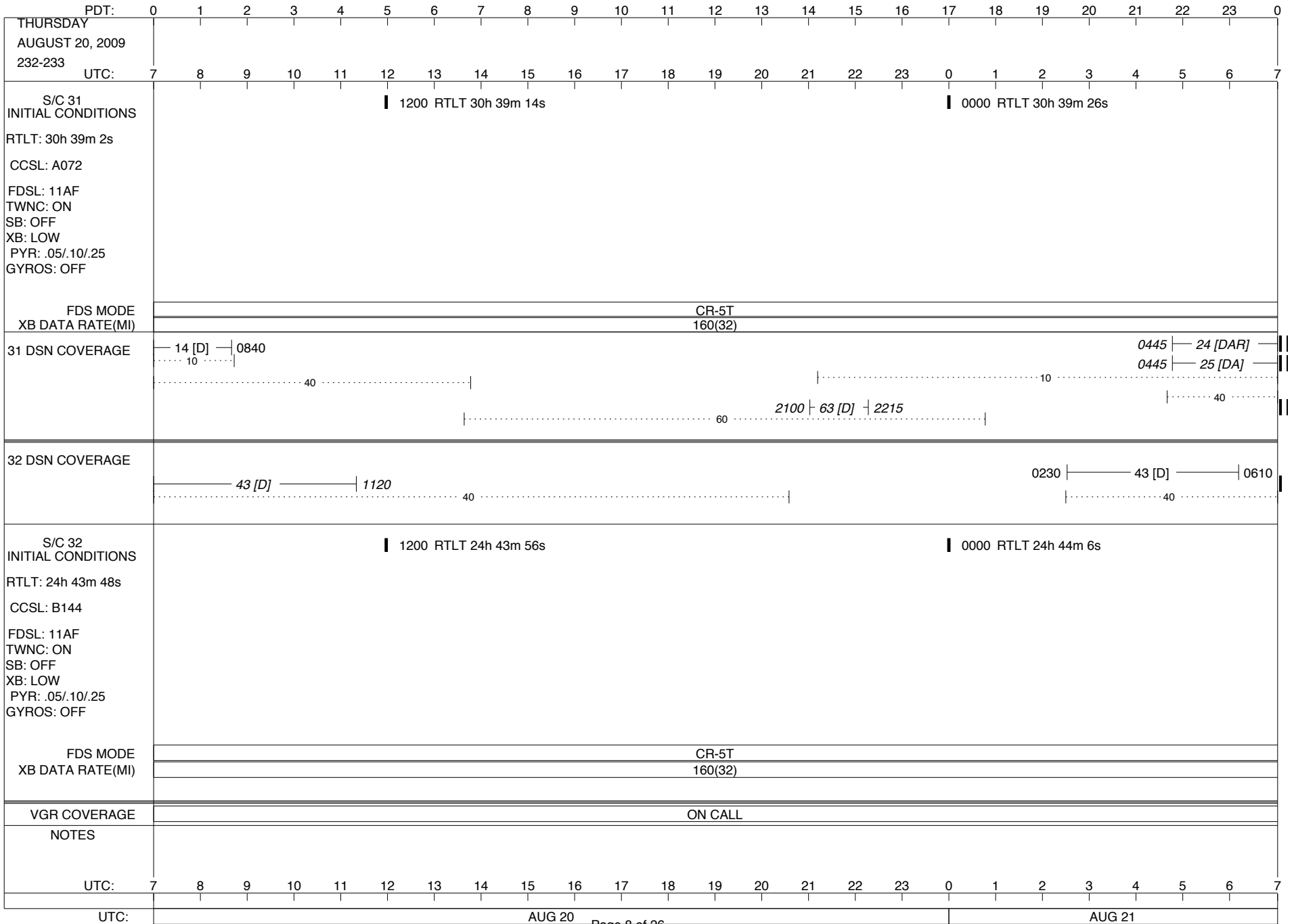


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S/C 31 INITIAL CONDITIONS RTLT: 30h 38m 16s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 38m 28s												0000 RTLT 30h 38m 40s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	0725 15 [D]10.....												0000 15 [D] 025010..... 0230 14 [D]												
32 DSN COVERAGE	45 [D]												1655												
S/C 32 INITIAL CONDITIONS RTLT: 24h 43m 12s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 43m 22s												0000 RTLT 24h 43m 30s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1001 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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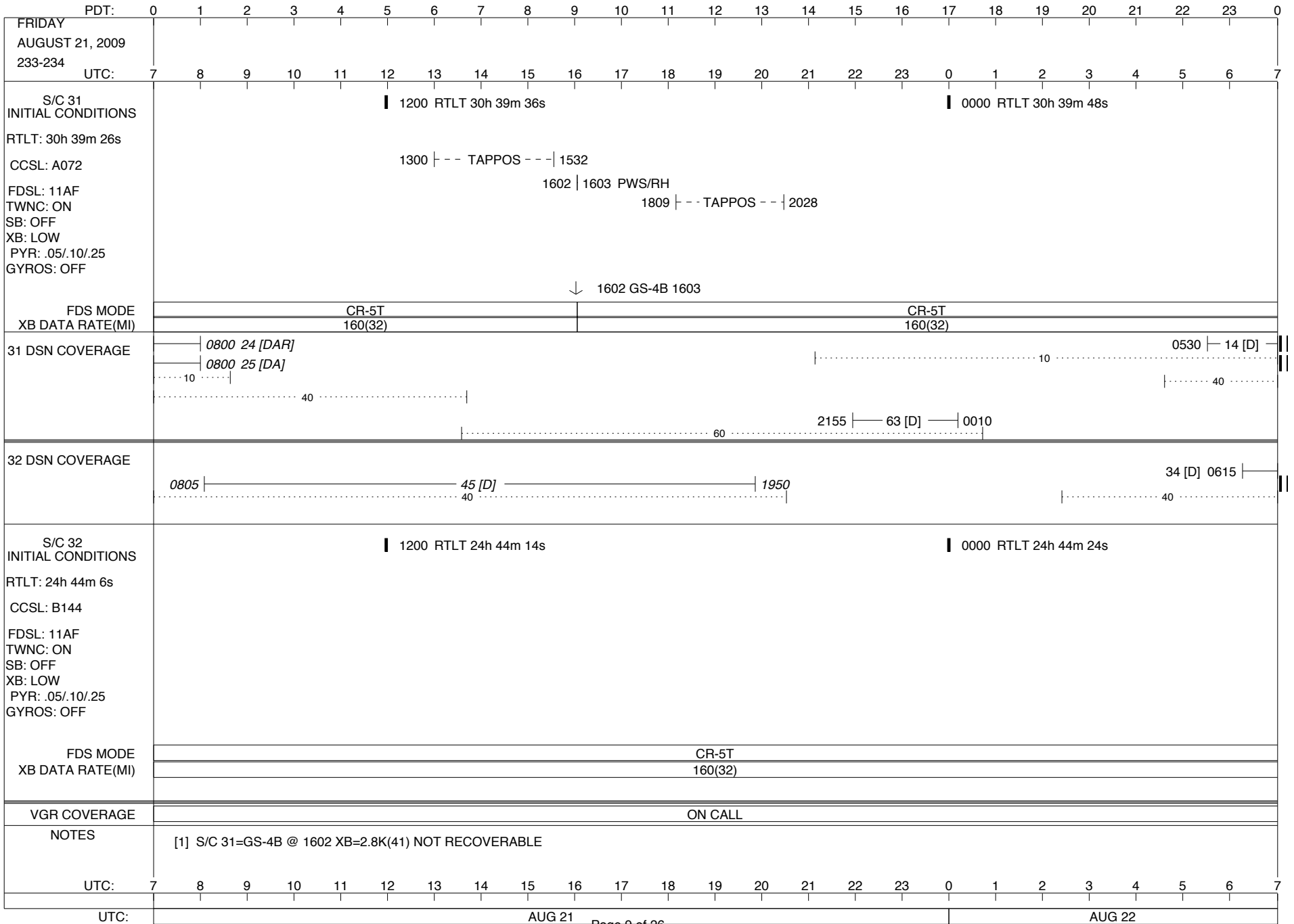
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S/C 31 INITIAL CONDITIONS RTLT: 30h 38m 40s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF																												
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
31 DSN COVERAGE	14 [D] 0905 10 40												0230 14 [D] 10 40 1935 63 [cancelled, released to MAP] 0010 60															
32 DSN COVERAGE	34 [D] 1715 40												0250 43 [D] 40															
S/C 32 INITIAL CONDITIONS RTLT: 24h 43m 30s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF																												
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
VGR COVERAGE													ON CALL															
NOTES																												
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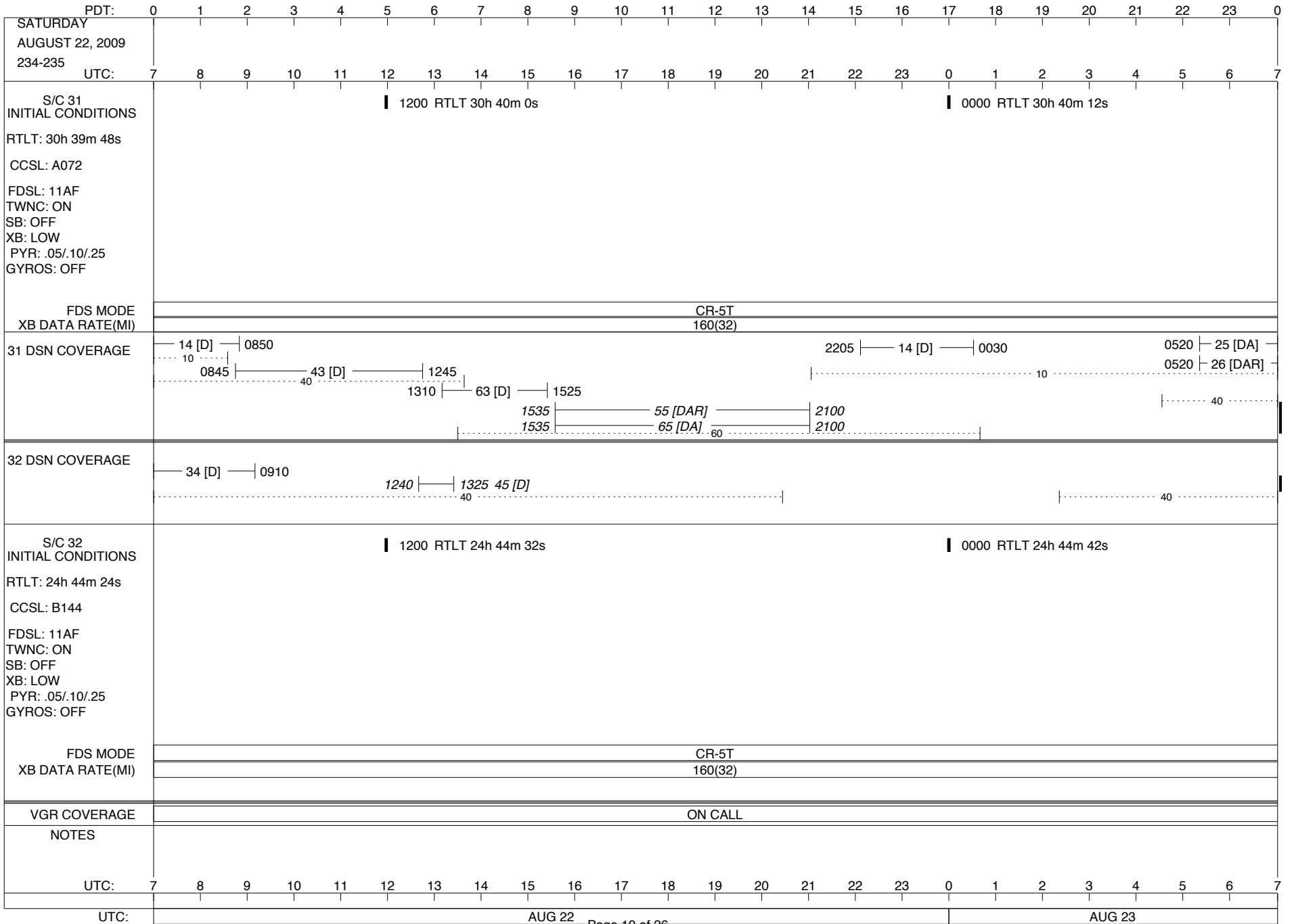
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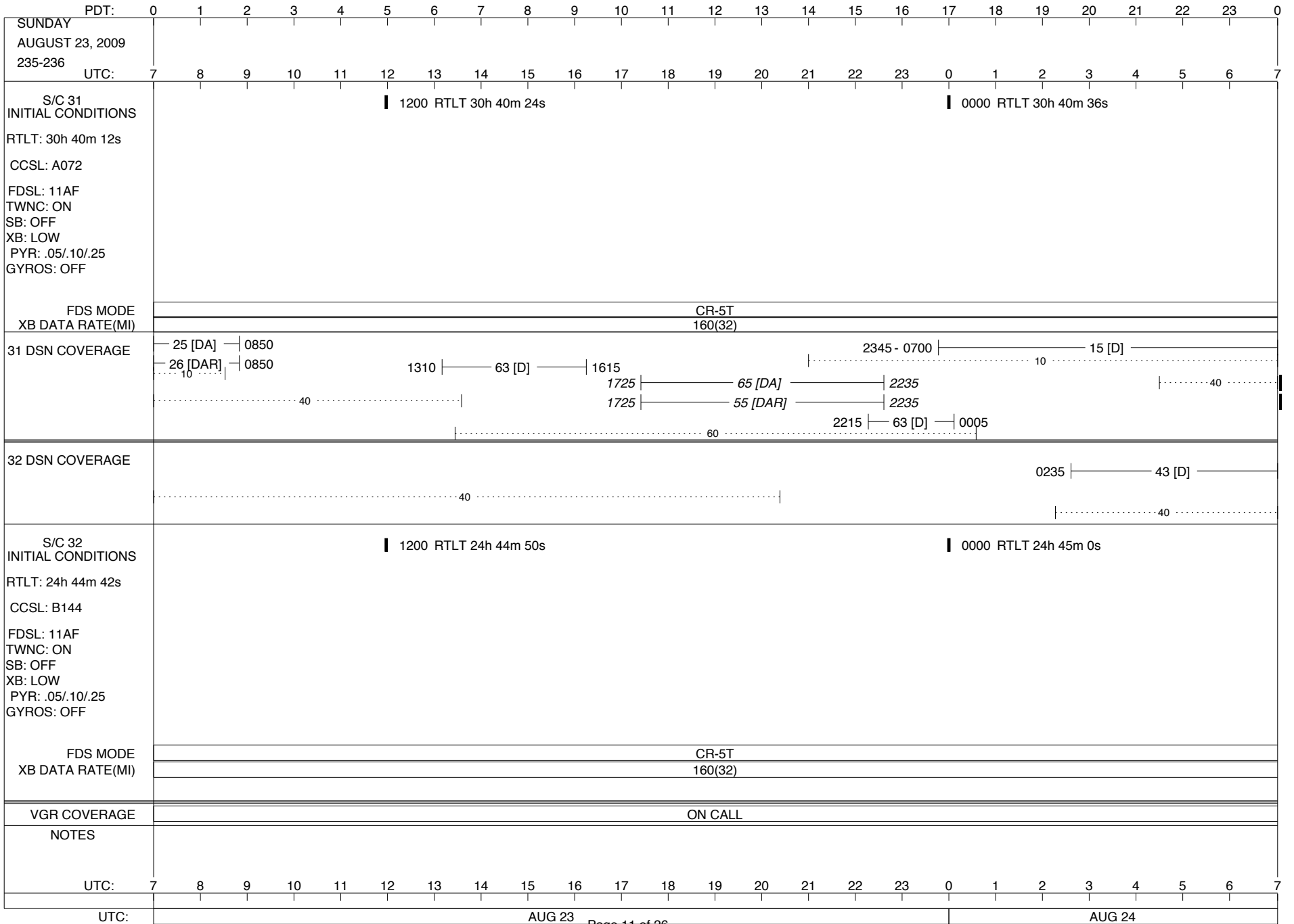
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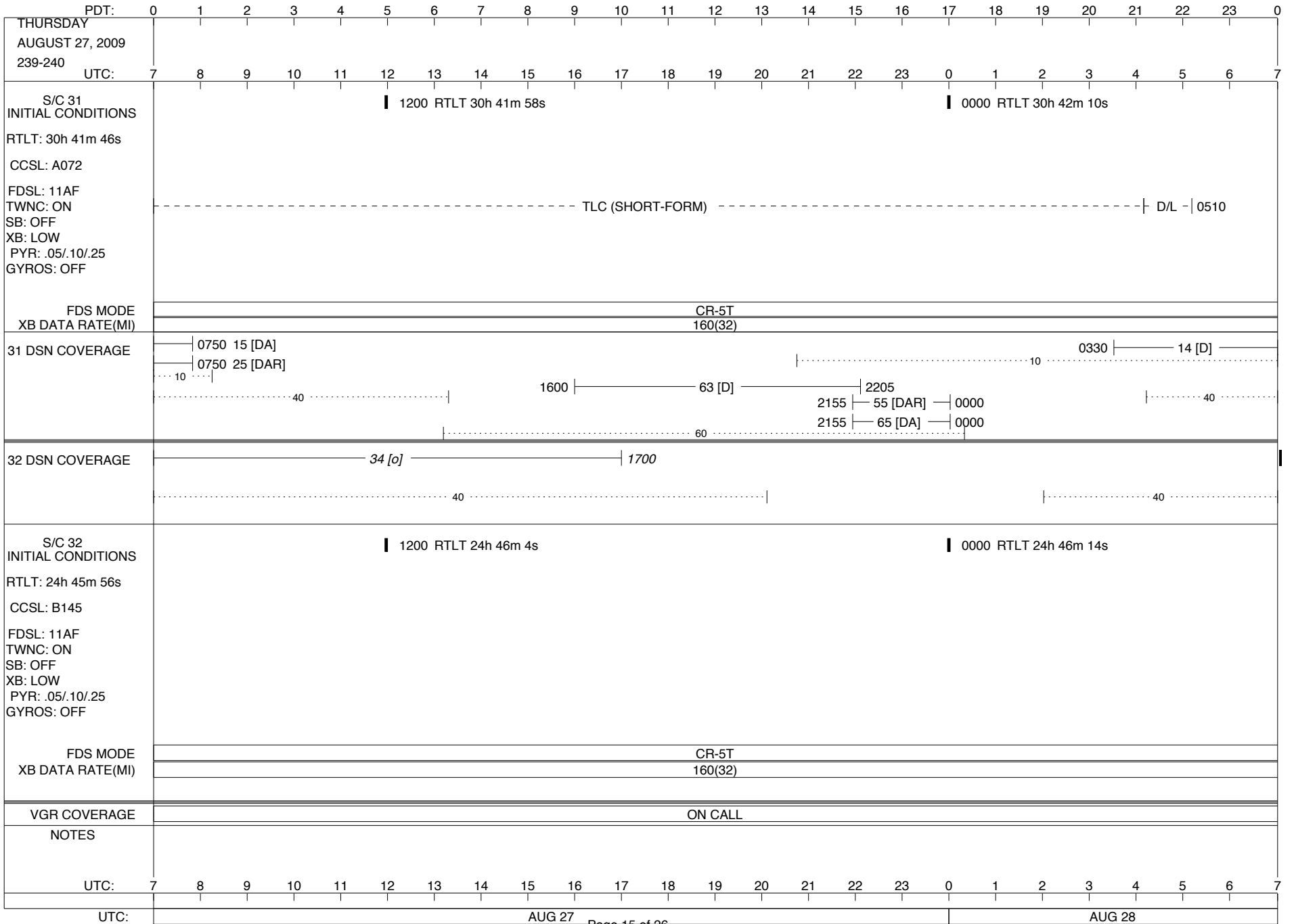
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S/C 31 INITIAL CONDITIONS RTLT: 30h 40m 36s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 40m 46s												0000 RTLT 30h 40m 58s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	0700 15 [D]10..... 40.....												0215 15 [D] 0405 0345 14 [D] 10..... 60..... 40.....													
32 DSN COVERAGE	43 [D] 080040.....												45 [D] 0555 - 0655 40.....													
S/C 32 INITIAL CONDITIONS RTLT: 24h 45m 0s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 45m 8s												0000 RTLT 24h 45m 18s													
FDS MODE	CR-5T												↓ 2157 BEGIN SEQUENCE B145													
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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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
TUESDAY AUGUST 25, 2009 237-238	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 40m 58s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 41m 10s												0000 RTLT 30h 41m 22s												
	0939 0940 PWS/RH																								
	↓ 0939 GS-4B 0940																								
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	14 [D] 084010.....												0015 ----- 25 [DA] ----- 0015 ----- 26 [DAR] ----- 1855 ----- 63 [D] ----- 220540..... 2155 ----- 55 [DAR] ----- 0000 2155 ----- 65 [DA] ----- 000060.....												
32 DSN COVERAGE40.....												----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLT: 24h 45m 18s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 45m 28s												0000 RTLT 24h 45m 36s												
	1245 - PLSCAL - 1437																								
	1245 - - - MAGCAL - - - 1548																								
	1245 - - - - PESCAL - - - - 1605																								
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0939 XB=2.8K(41) NOT RECOVERABLE																								
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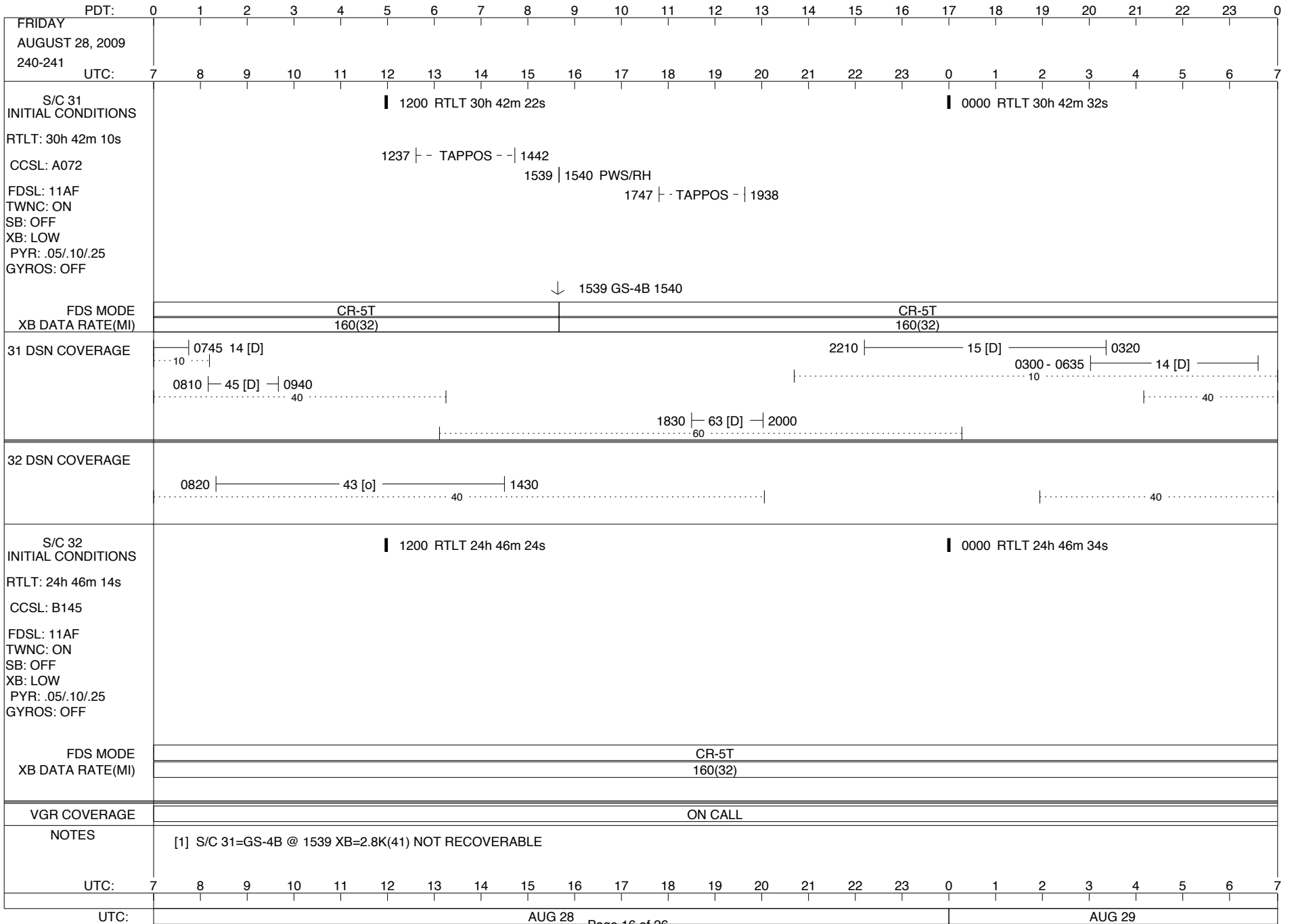
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WEDNESDAY AUGUST 26, 2009 238-239																												
S/C 31 INITIAL CONDITIONS RTLTL: 30h 41m 22s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 30h 41m 34s												0000 RTLTL 30h 41m 46s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	<p>0710 25 [DA] 0245 15 [DA] 0710 26 [DAR] 0245 25 [DAR] 10 1445 63 [T] 2205 10 2145 55 [DAR] 0020 40 2145 65 [DA] 0020 40 60</p>																											
32 DSN COVERAGE	<p>1500 43 [D] 1855 40 0555 34 [o]</p>																											
S/C 32 INITIAL CONDITIONS RTLTL: 24h 45m 36s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 24h 45m 46s												0000 RTLTL 24h 45m 56s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
VGR COVERAGE	ON CALL							VGR							ON CALL													
NOTES	1519 MEMUPD EOYWAIT=6D23H02M24S - ECR 108728 1519 - 1544 DMRO - EOYWAIT 1619 - 1644 DMRO EOYWAIT 1719 MEMUPD - WD6YR=7D00H00M00S 1719 - 1744 DMRO - WD6YR 1819 - 1844 DMRO - WD6YR																											
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UTC:	AUG 26														AUG 27													

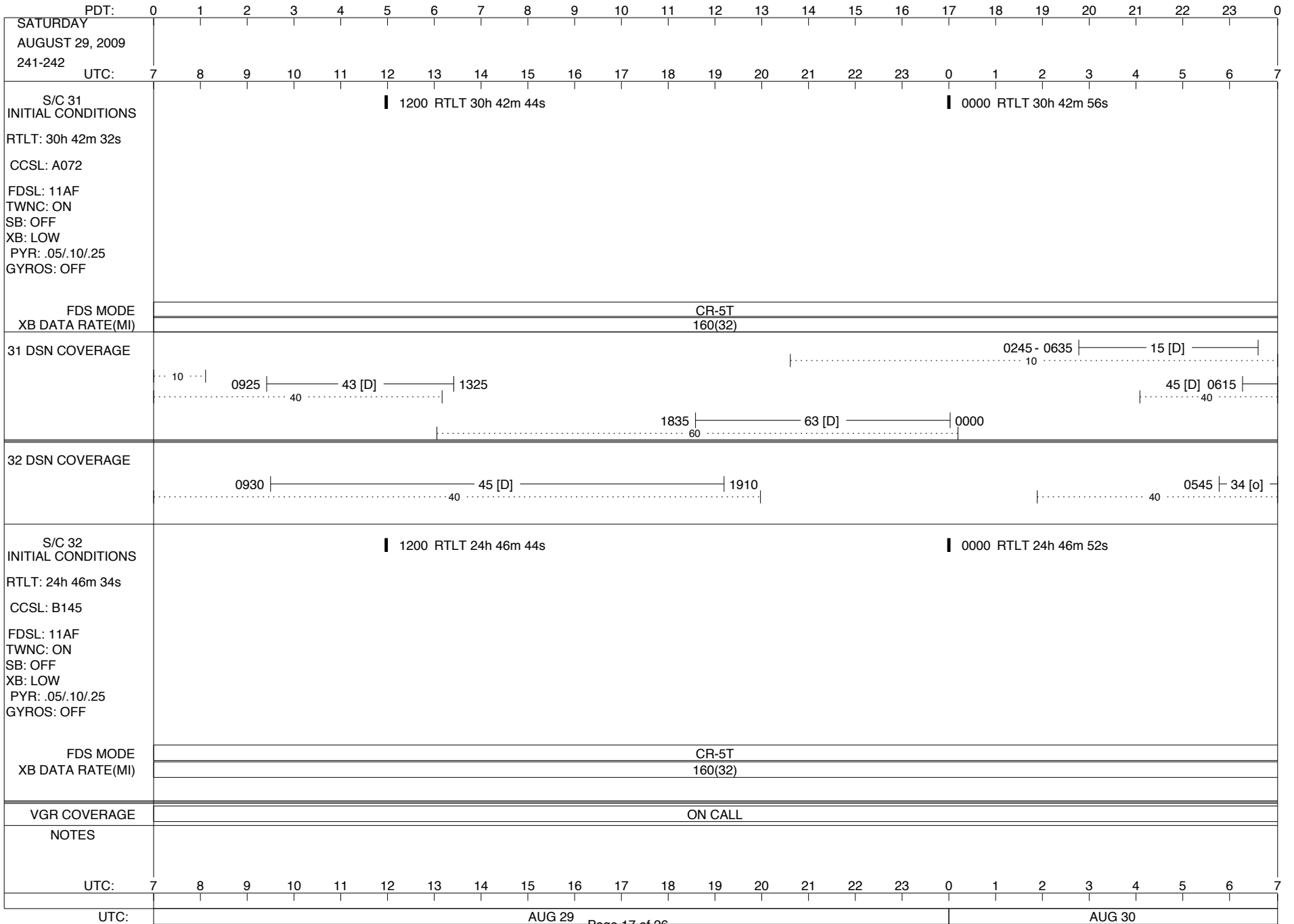
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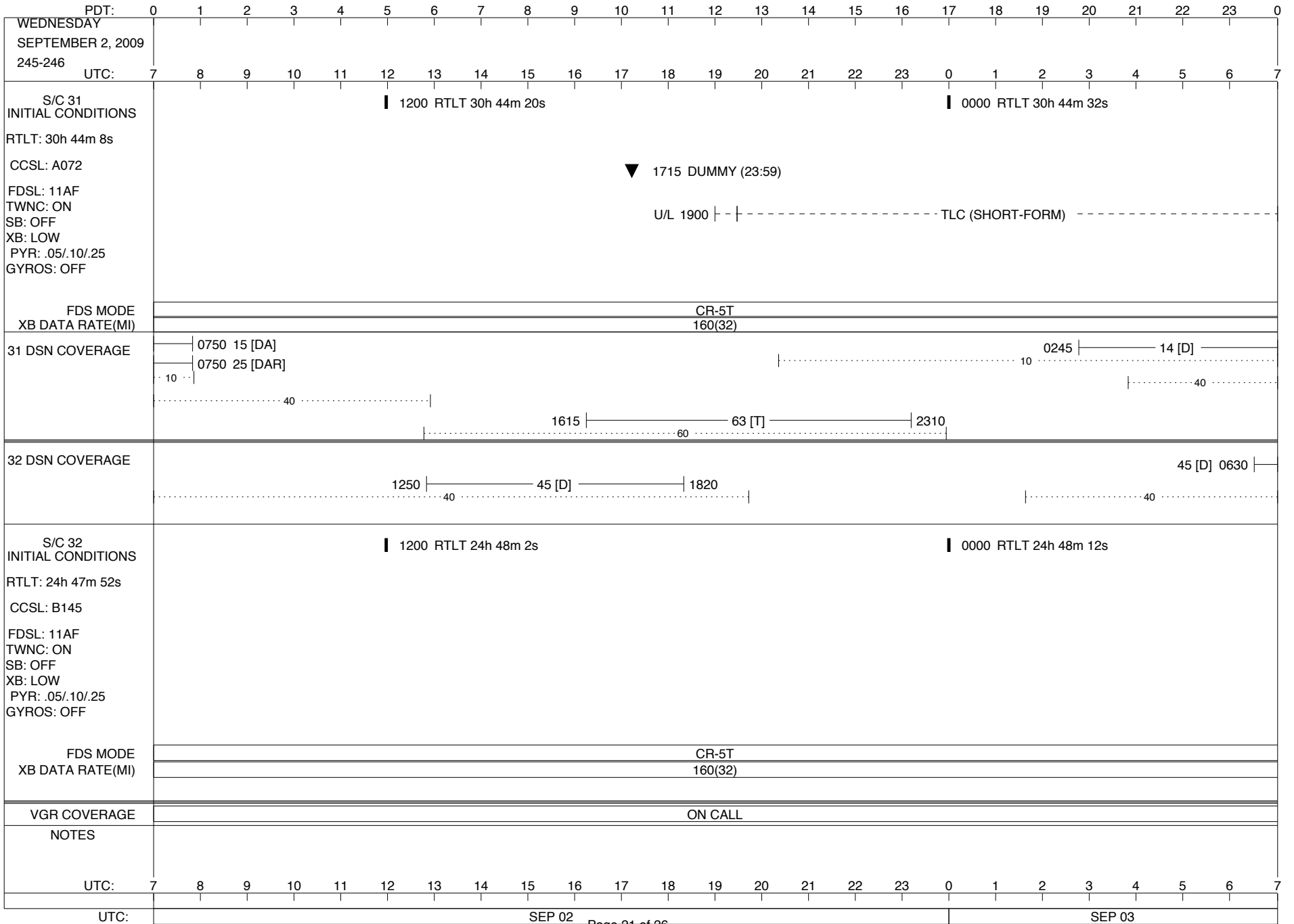
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S/C 31 INITIAL CONDITIONS RTLTL: 30h 42m 56s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 30h 43m 8s												0000 RTLTL 30h 43m 20s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	<p>10 45 [D] 40 1100 1835 60 63 [D] 0000 2340 15 [D] 0250 0245 14 [D] 10 40</p>																								
32 DSN COVERAGE	<p>34 [o] 40 1655 0255 43 [H] 40</p>																								
S/C 32 INITIAL CONDITIONS RTLTL: 24h 46m 52s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 24h 47m 2s												0000 RTLTL 24h 47m 12s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL																					VGR			
NOTES																									
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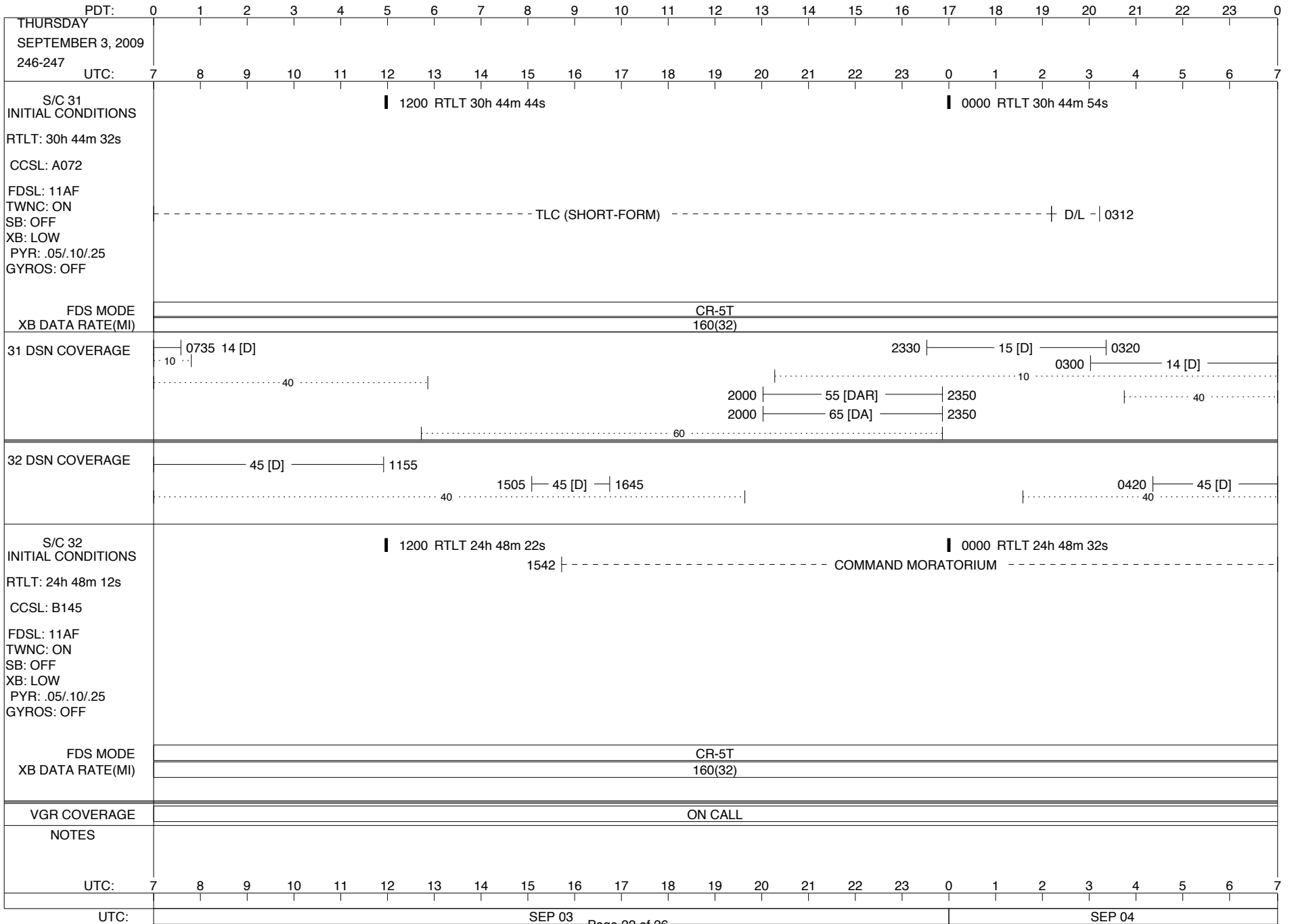
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MONDAY AUGUST 31, 2009 243-244																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 30h 43m 20s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 43m 32s												0000 RTLT 30h 43m 44s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	0750 14 [D] 10 40												0135 15 [DA] 26 [DAR] 0610 10 40												
	1505 63 [D] 60												2355												
32 DSN COVERAGE	43 [H] 40												1420 34 [D] 0605 40												
S/C 32 INITIAL CONDITIONS RTLT: 24h 47m 12s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 47m 22s												0000 RTLT 24h 47m 32s												
	▼ 1215 EL-40 (13:02)																								
	▼ 1235 TLMPRG (13:22) - ECR 108662																								
	▼ 1255 CR-5T (13:42)																								
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL												VGR												
NOTES	[1] S/C 32=EL-40 @ 0643 XB=40(30)																								
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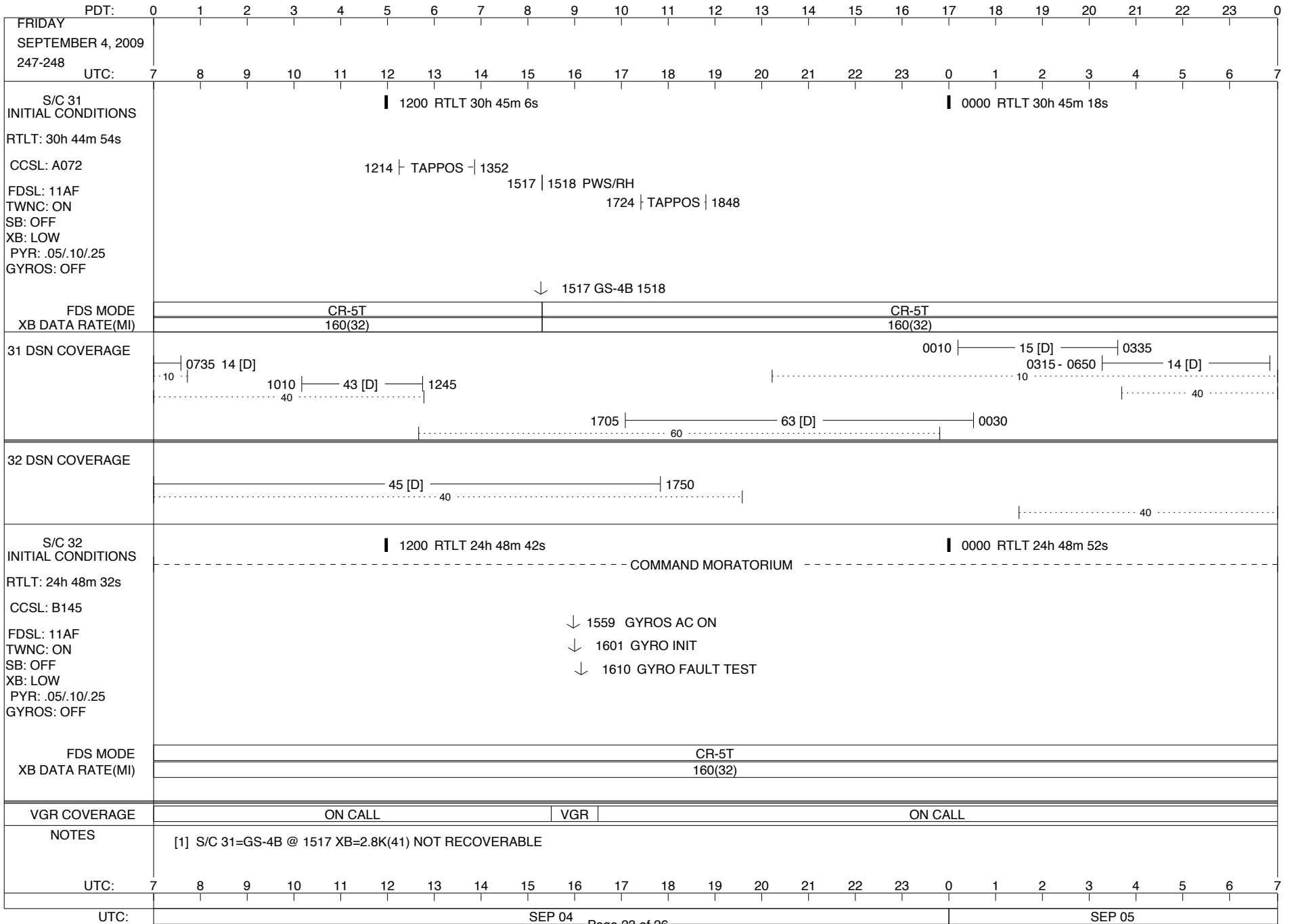
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TUESDAY																													
SEPTEMBER 1, 2009																													
244-245																													
UTC:		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS		1200 RTLT 30h 43m 56s														0000 RTLT 30h 44m 8s													
RTLTL: 30h 43m 44s																													
CCSL: A072																													
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		<p>15 [DA] 0810 2315 15 [DA]</p> <p>.....10..... 0810 26 [DAR]10..... 25 [DAR] 0600 </p> <p>.....40..... 40.....</p> <p>.....1815 63 [D] 2335</p> <p>.....60..... 40.....</p>																											
32 DSN COVERAGE		<p>34 [D] 0905 1210 45 [D] 1915</p> <p>.....40..... 40.....</p>																											
S/C 32 INITIAL CONDITIONS		1200 RTLT 24h 47m 42s														0000 RTLT 24h 47m 52s													
RTLTL: 24h 47m 32s		* 0727 - 0732 HPOINTS UPD 2 & CCS MRO MINI-SEQUENCE CHKSUM - ECR 108641																											
CCSL: B145																													
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)													
VGR COVERAGE		VGR							ON CALL							VGR							ON CALL						
NOTES		<p>[1] S/C 32=CR-5T @ 0740 XB=160(32) [3] S/C 32=EL-40 @ 1303 XB=40(30)</p> <p>[2] S/C 31=GS-4B @ 0916 XB=2.8K(41) NOT RECOVERABLE [4] S/C 32=CR-5T @ 1343 XB=160(32)</p>																											
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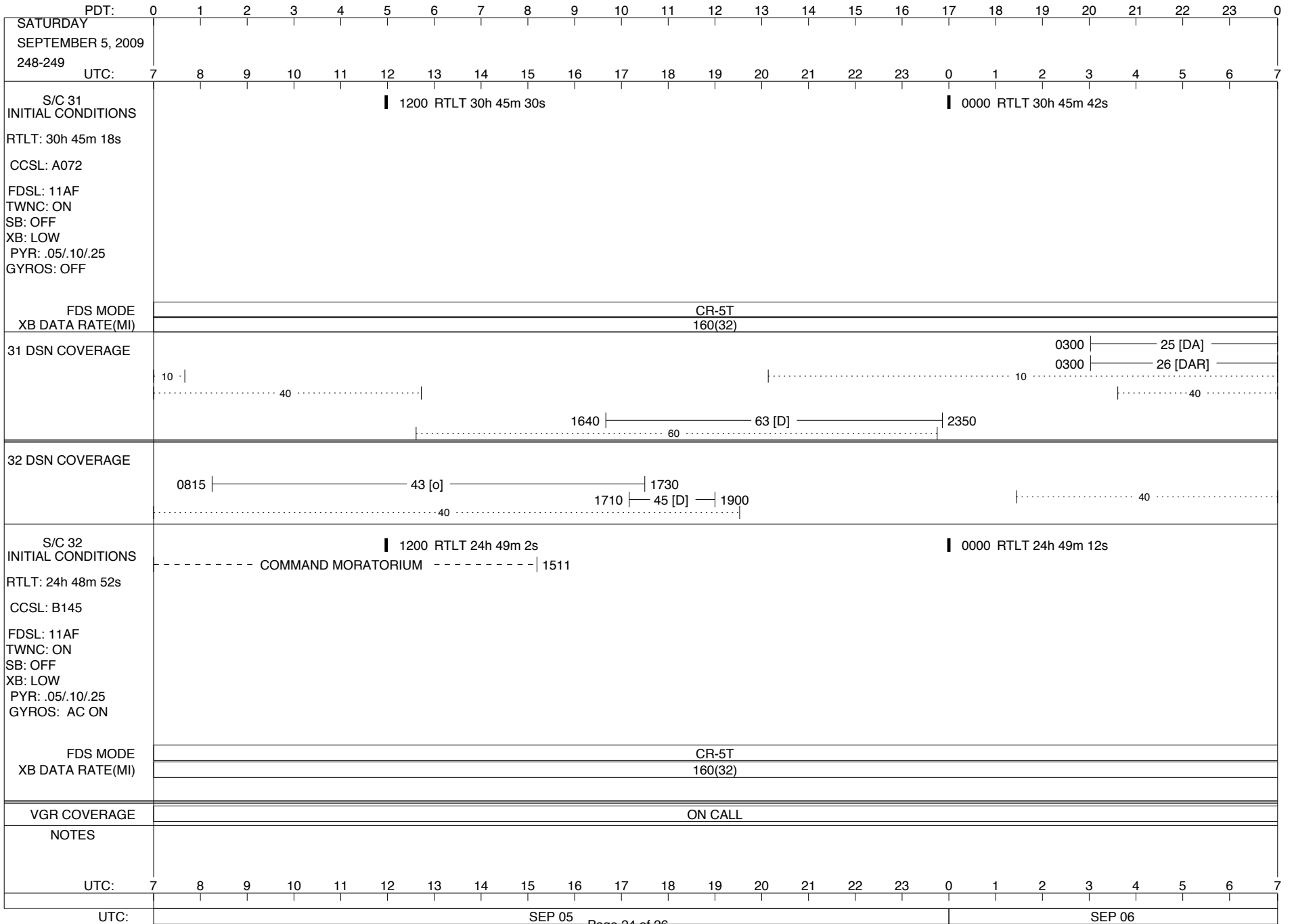


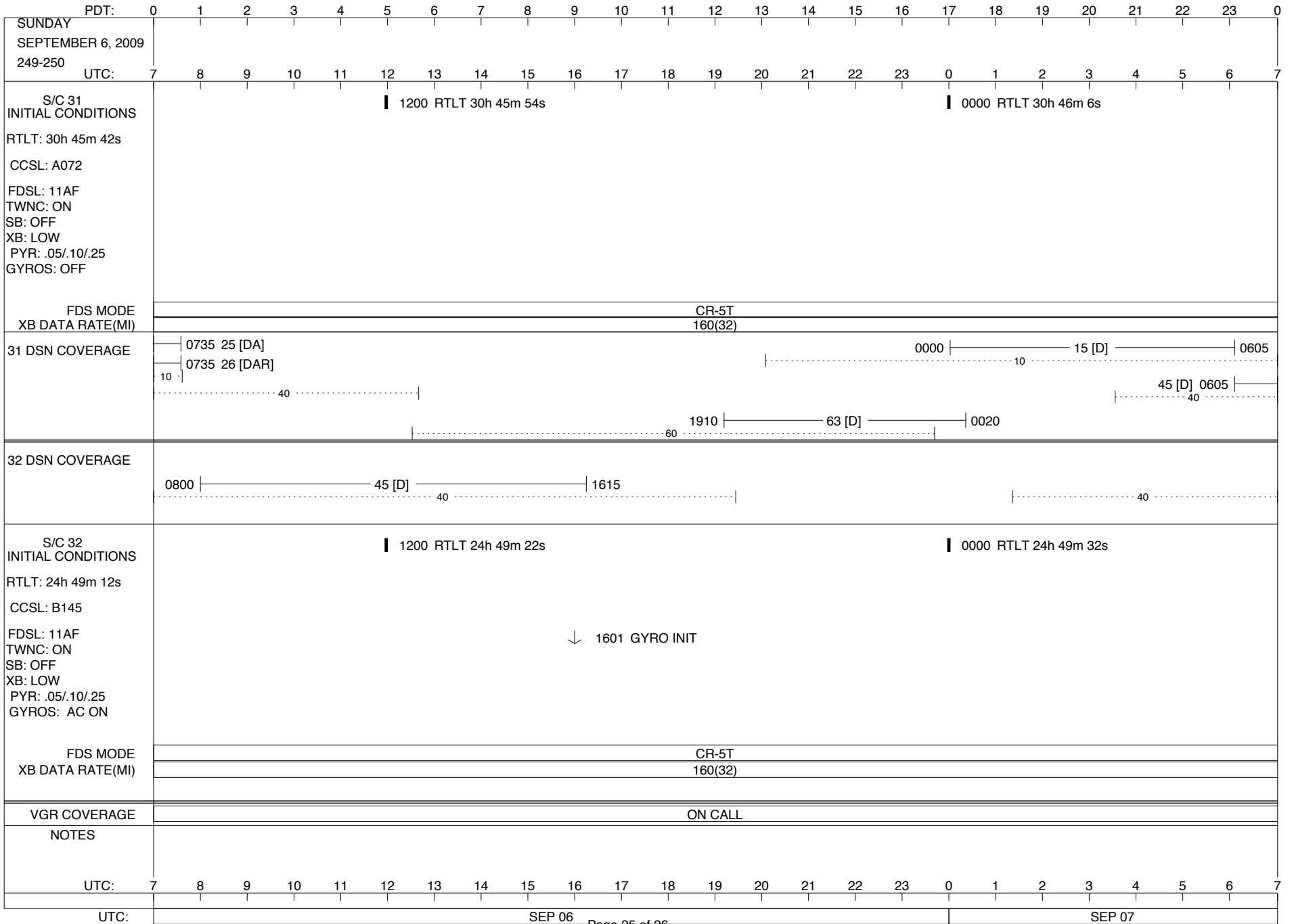


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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0		
MONDAY SEPTEMBER 7, 2009 250-251																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 30h 46m 6s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;"> 1200 RTLT 30h 46m 18s</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE																											
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLT: 24h 49m 32s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	<p style="text-align: center;"> 1200 RTLT 24h 49m 44s</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
VGR COVERAGE	ON CALL																										
NOTES	<p>JPL HOLIDAY!</p>																										
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 07													Page 26 of 26											SEP 08		