

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: September 3, 2008

For the Period: 09/04/08 to 09/22/08 (08-248 – 08-266)

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

**SCIENCE**

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

**DSOT (1) 230-102**

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 Ludwig, R. (2)  
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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

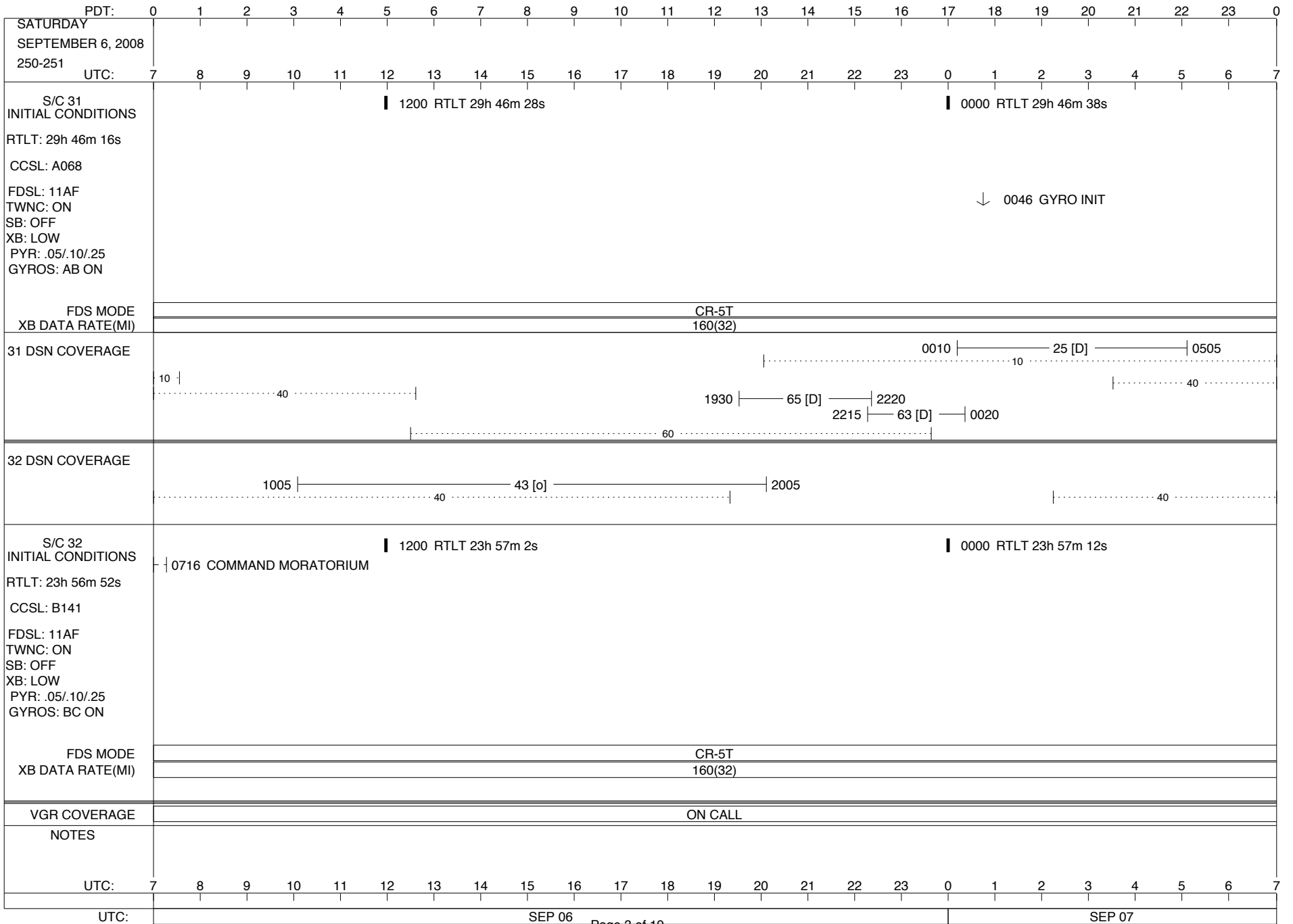
\*Electronic Copy Only  
 (17 – Dist/N: Paper Copies)  
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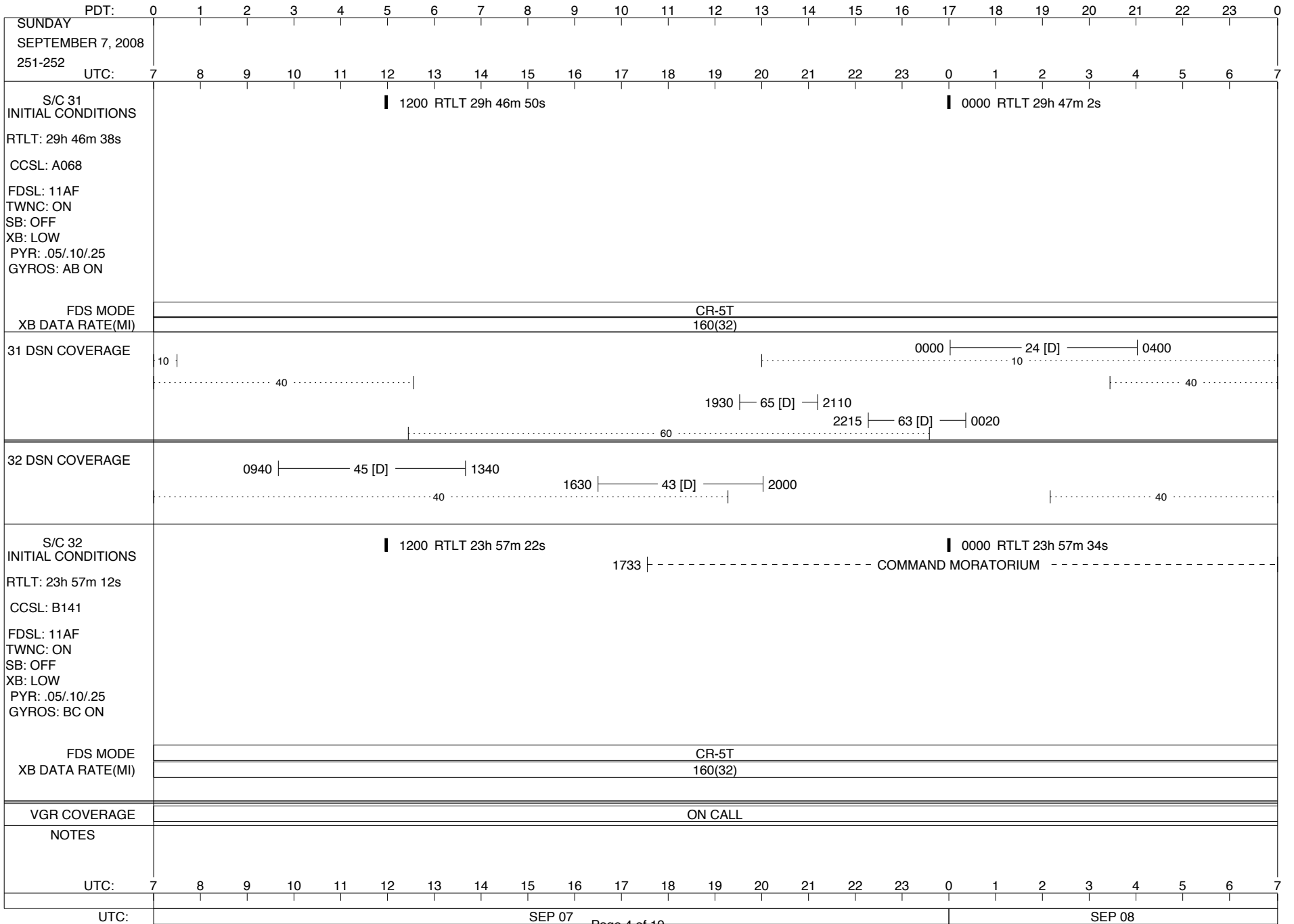
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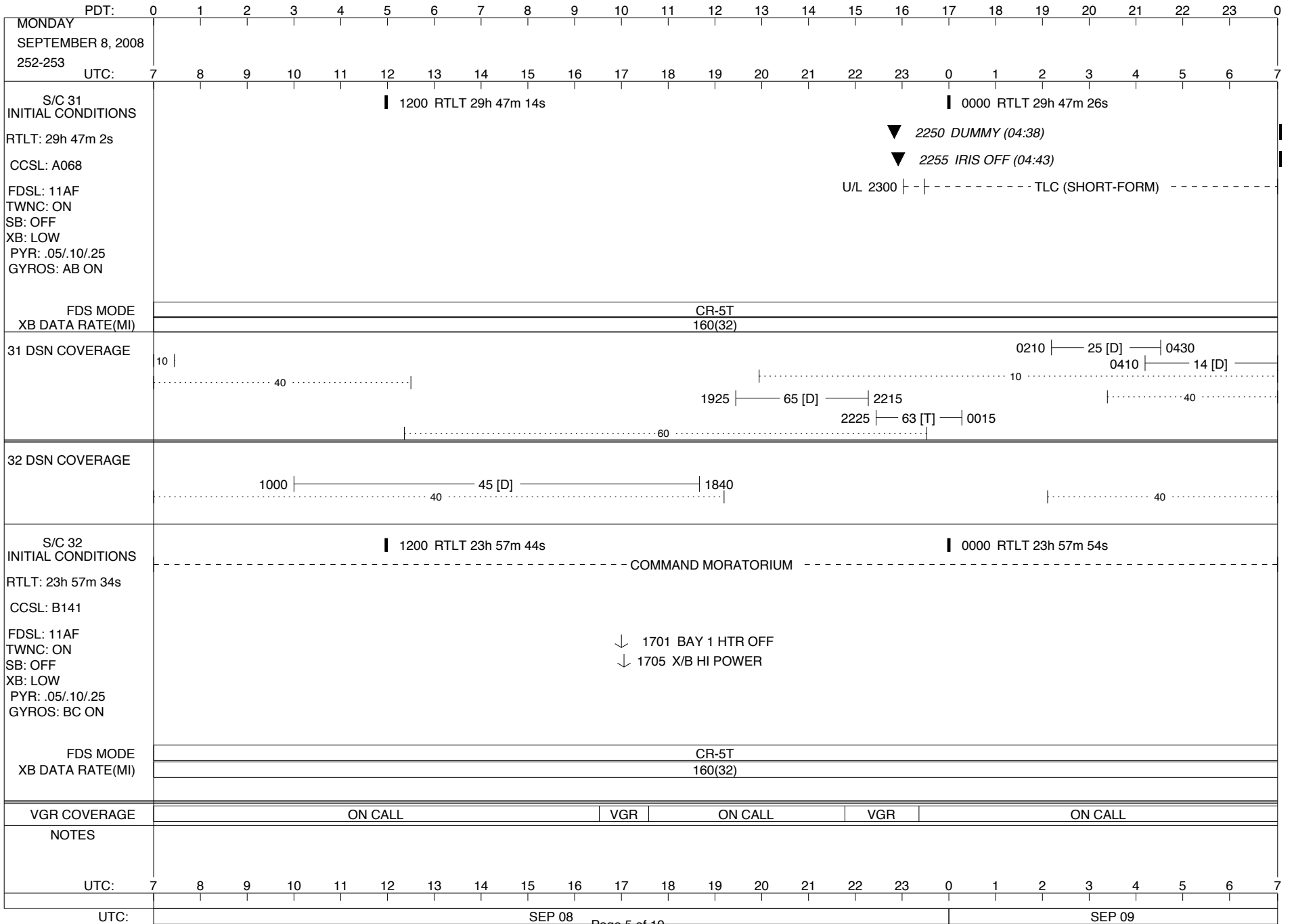
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FRIDAY SEPTEMBER 5, 2008 249-250																												
S/C 31 INITIAL CONDITIONS RTLTL: 29h 45m 52s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AB ON	1200 RTLTL 29h 46m 4s												0000 RTLTL 29h 46m 16s															
	1233   TAPPOS   1356												1535   1536 PWS/RH 1742   - - - -   1852 TAPPOS															
	↓ 1535 GS-4B 1536																											
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	0755 14 [D]												2300   15 [D]   0230 0210   25 [D]   0510 1735   65 [D]   2225															
32 DSN COVERAGE	43 [D]   0700 - 1055												1145   45 [D]   1810															
S/C 32 INITIAL CONDITIONS RTLTL: 23h 56m 32s CCSL: B141 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	1200 RTLTL 23h 56m 42s												0000 RTLTL 23h 56m 52s															
	----- COMMAND MORATORIUM -----																											
	↓ 0713 GYROS BC ON ↓ 0714 GYRO INIT ↓ 0723 GYRO FAULT TEST												0817   0823 CCSTIM(B) FINE															
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
VGR COVERAGE	VGR												ON CALL															
NOTES	[1] S/C 31=GS-4B @ 1535 XB=2.8K(41) NOT RECOVERABLE																											
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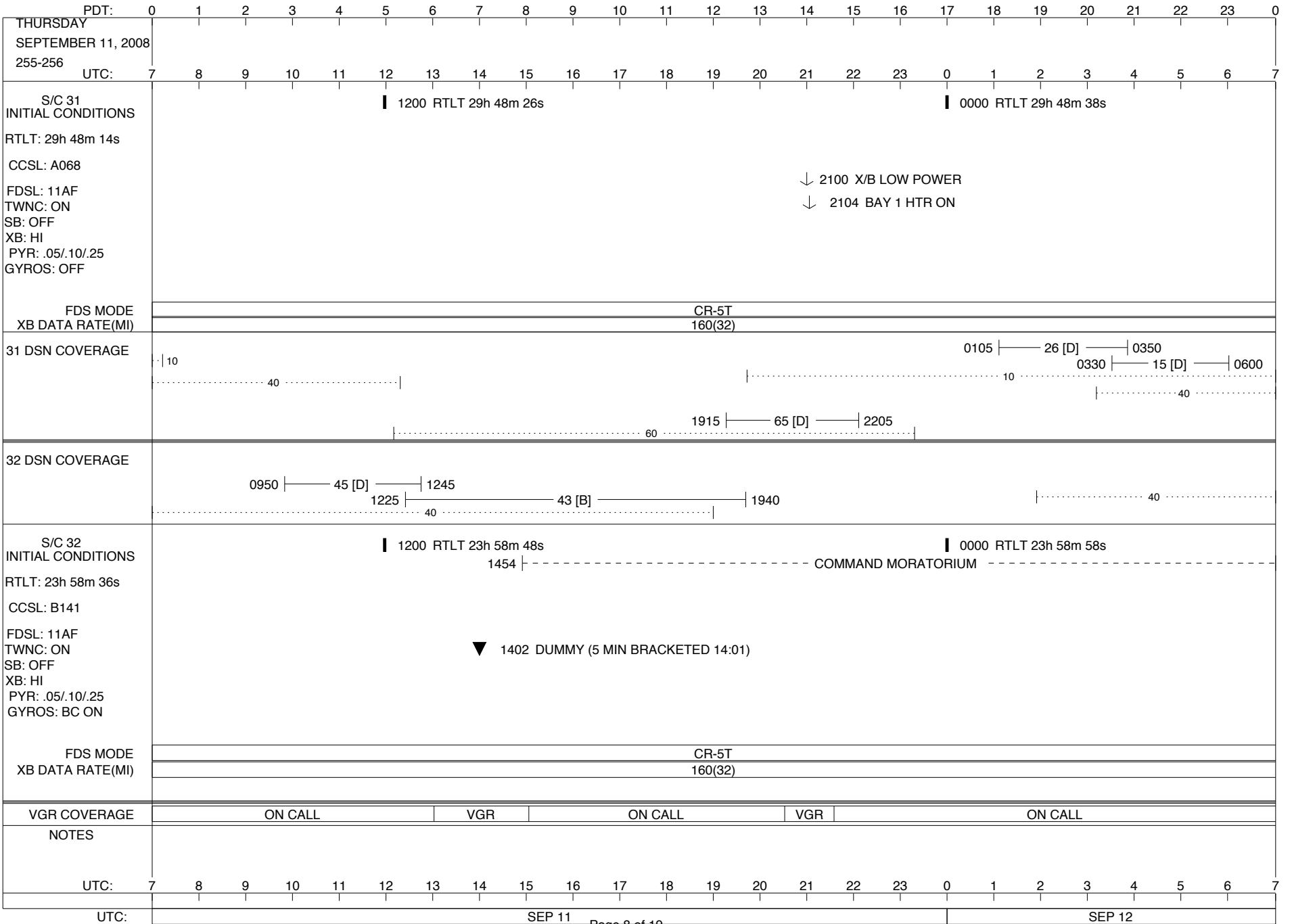
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TUESDAY SEPTEMBER 9, 2008 253-254																										
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S/C 31 INITIAL CONDITIONS RTLTL: 29h 47m 26s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AB ON	1200 RTLTL 29h 47m 38s												0000 RTLTL 29h 47m 50s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	0740   14 [D]												2330   25 [D]   0435   0415   15 [D]   0610													
32 DSN COVERAGE	0815   43 [o]   1655																									
S/C 32 INITIAL CONDITIONS RTLTL: 23h 57m 54s CCSL: B141 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 23h 58m 4s												0000 RTLTL 23h 58m 16s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
VGR COVERAGE	VGR ON CALL												VGR ON CALL													
NOTES	[1] S/C 32 = D/L AGC & SNR VARIATIONS EXPECTED DURING ASCAL (0846-0923) [2] S/C 32=EL-40 @ 0814 XB=40(30)																									
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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WEDNESDAY SEPTEMBER 10, 2008 254-255																									
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S/C 31 INITIAL CONDITIONS RTLT: 29h 47m 50s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: AB ON						█ 1200												█ 0000							
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 23h 58m 16s CCSL: B141 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON						█ 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:																									



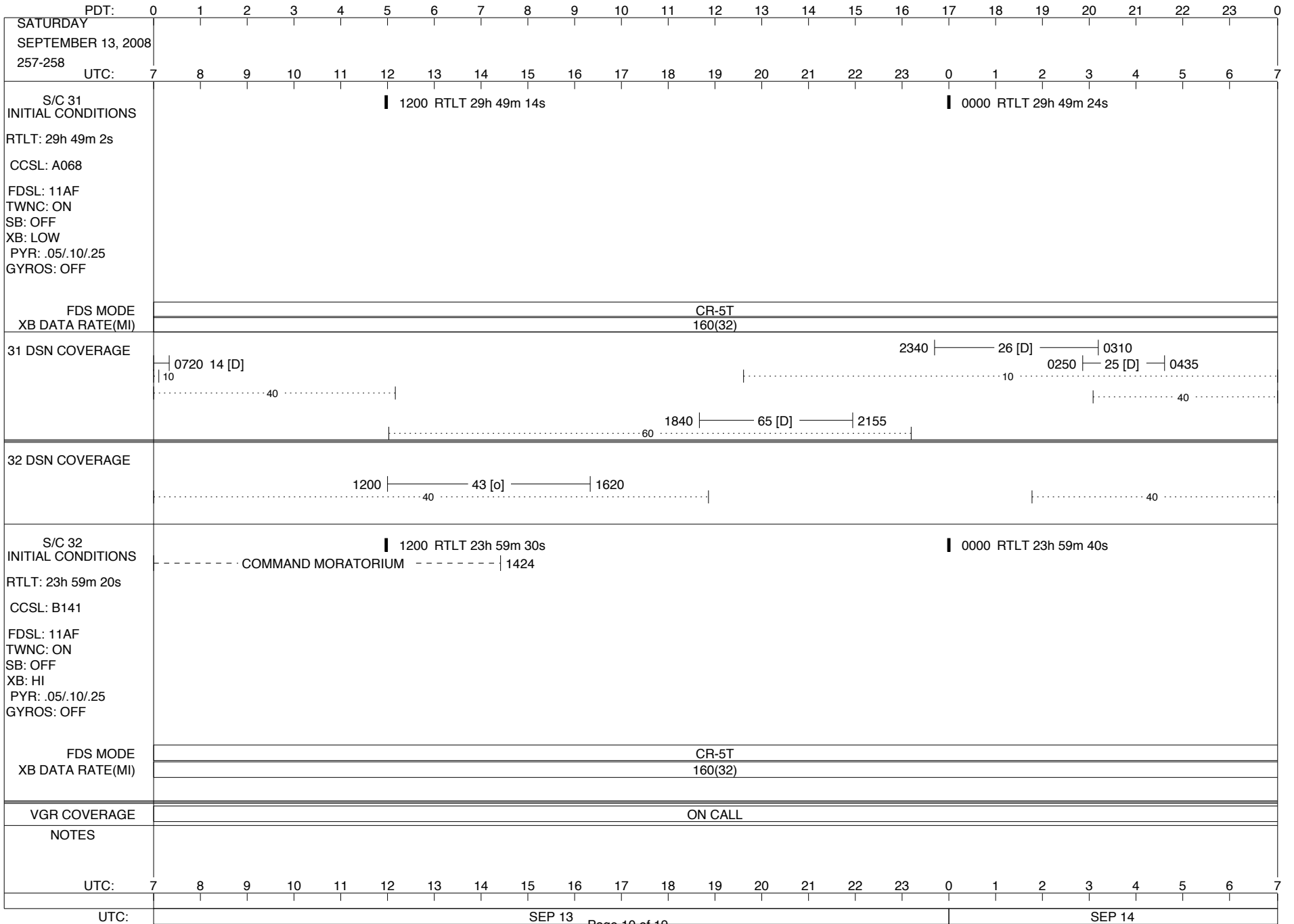
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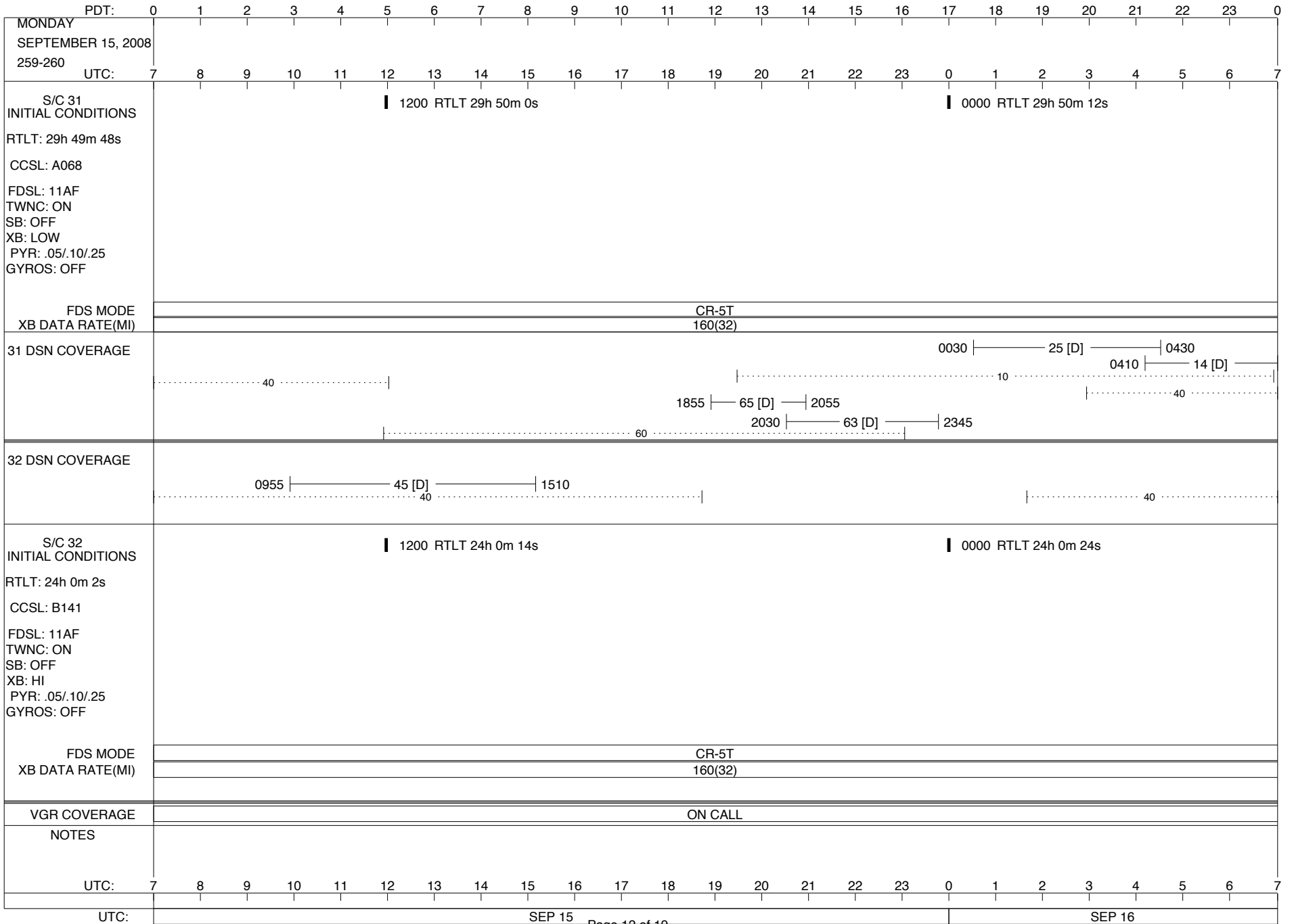
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S/C 31 INITIAL CONDITIONS RTLTL: 29h 48m 38s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLTL 29h 48m 50s														0000 RTLTL 29h 49m 2s													
FDS MODE XB DATA RATE(MI)																CR-5T 160(32)													
31 DSN COVERAGE		<p>Timeline for 31 DSN COVERAGE:</p> <ul style="list-style-type: none"> <li>0135 - 0430: 25 [D], 0410 - 0430: 14 [D]</li> <li>10: 40</li> <li>1750 - 2200: 65 [D], 1750 - 2200: 60</li> <li>40</li> </ul>																											
32 DSN COVERAGE		<p>Timeline for 32 DSN COVERAGE:</p> <ul style="list-style-type: none"> <li>0720 - 1655: 43 [D], 40</li> <li>40</li> </ul>																											
S/C 32 INITIAL CONDITIONS RTLTL: 23h 58m 58s CCSL: B141 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON		1200 RTLTL 23h 59m 8s														0000 RTLTL 23h 59m 20s													
FDS MODE XB DATA RATE(MI)																CR-5T 160(32)													
VGR COVERAGE		VGR														ON CALL													
NOTES		[1] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0814-1423)																											
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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S/C 31 INITIAL CONDITIONS RTLTL: 29h 50m 12s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 29h 50m 24s												0000 RTLTL 29h 50m 36s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	<p>0710   14 [D]   0125 0105   24 [D]   0300 0240   15 [D]   0455 1605   65 [D]   2135 2005   63 [D]   2135 2345   14 [D]   0125</p>																								
32 DSN COVERAGE	<p>1010   45 [D]   1245 1525   43 [o]   1925</p>																								
S/C 32 INITIAL CONDITIONS RTLTL: 24h 0m 24s CCSL: B141 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 24h 0m 34s												0000 RTLTL 24h 0m 46s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0449 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:	SEP 16												SEP 17												



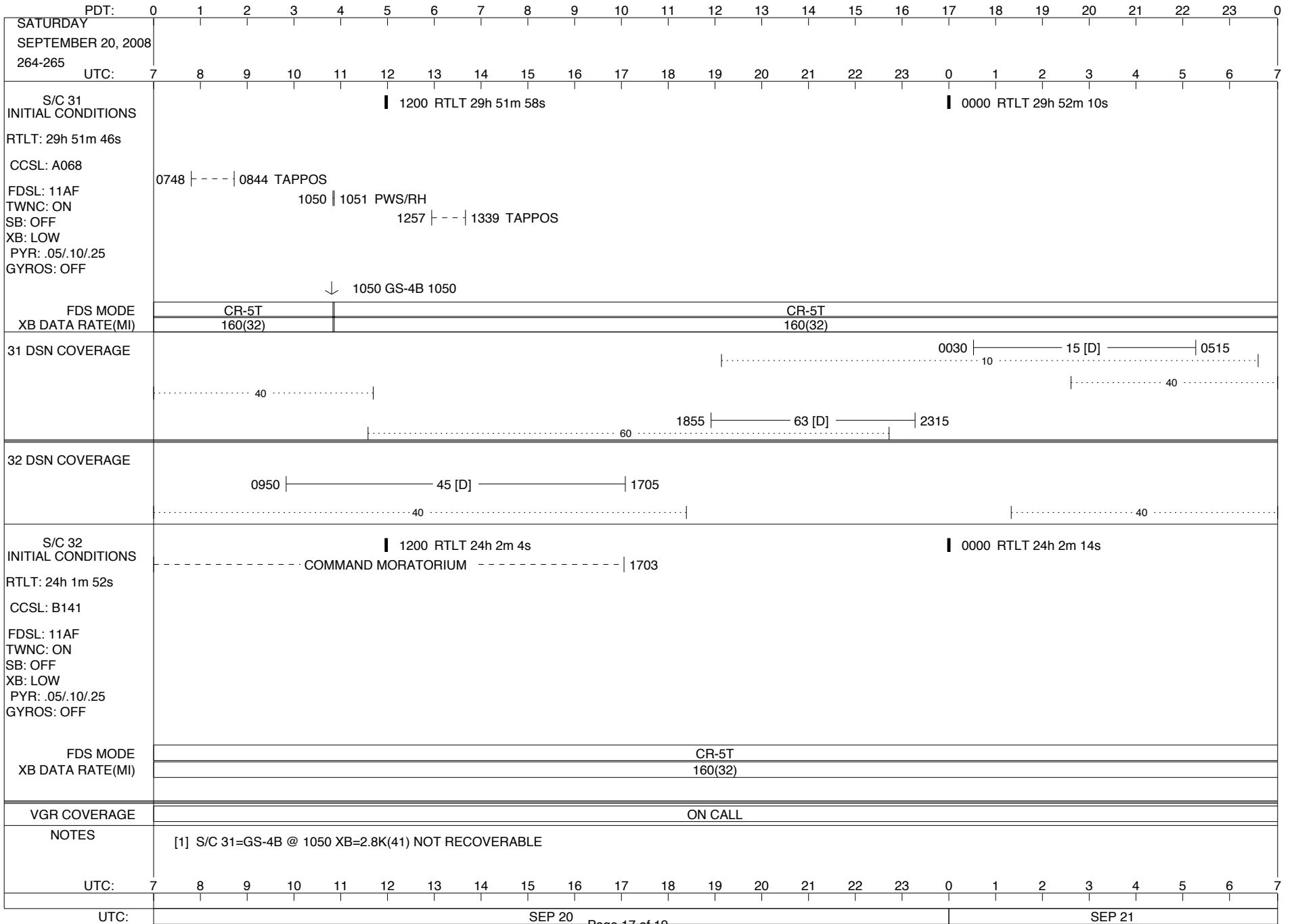
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UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 29h 51m 0s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						1200																			
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLTL: 24h 1m 8s CCSL: B141 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF						1200																			
FDS MODE XB DATA RATE(MI)																									
VGR COVERAGE																									
NOTES																									
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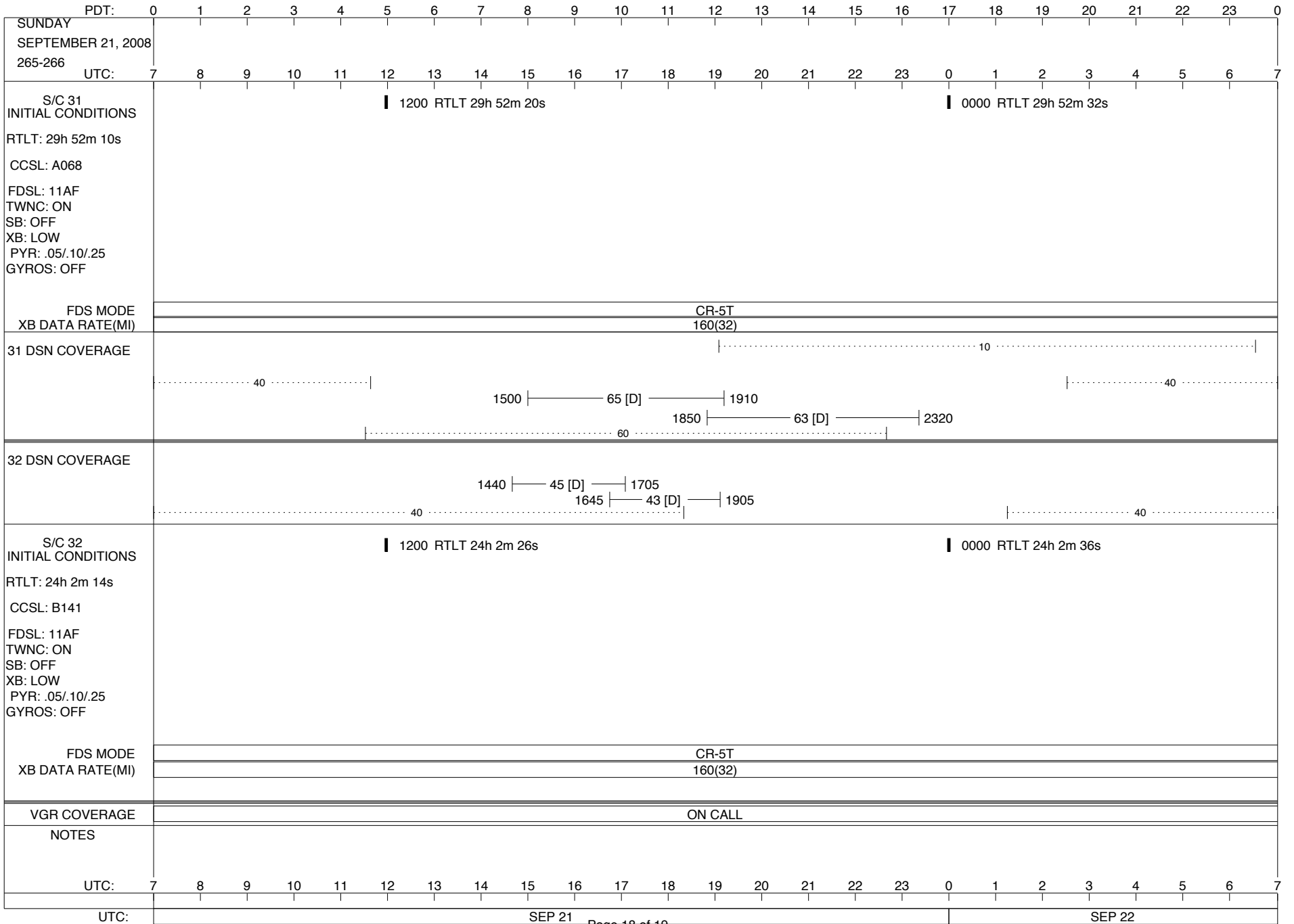


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S/C 31 INITIAL CONDITIONS RTLT: 29h 51m 22s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 29h 51m 34s												0000 RTLT 29h 51m 46s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	.....40.....												2330  ----- 25 [D] -----  0410  ----- 10 -----  0405 - 0650  ----- 14 [D] -----   ----- 40 -----													
32 DSN COVERAGE	0940  ----- 45 [D] -----  1755  ----- 40 -----  1455  ----- 1555 43 [3D] -----												----- 60 -----  1740  ----- 65 [D] -----  2130  ----- 40 -----													
S/C 32 INITIAL CONDITIONS RTLT: 24h 1m 30s CCSL: B141 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 1m 40s												0000 RTLT 24h 1m 52s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
VGR COVERAGE	ON CALL						VGR						ON CALL													
NOTES	[1] S/C 32=EL-40 @ 1441 XB=40(30) [2] S/C 32=CR-5T @ 1521 XB=160(32) [3] 70M BACKUP FOR EL-40 ACQUISITION																									
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UTC:	SEP 19												SEP 20													

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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 22, 2008 266-267																											
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: 29h 52m 32s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 29h 52m 44s</p> </div>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<div style="text-align: center;"> <p>.....40..... </p> <p>1850   65 [D]   2020</p> <p>2000   63 [D]   2320</p> <p>.....60..... </p> </div>																										
32 DSN COVERAGE	<div style="text-align: center;"> <p>0935   45 [D]   1520</p> <p>1500   43   1700</p> <p>.....40..... </p> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 24h 2m 36s CCSL: B141 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 24h 2m 48s</p> </div>																										
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 22													SEP 23													