

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: May 27, 2009

For the Period: 05/28/09 to 06/22/09 (09-148– 09-173)

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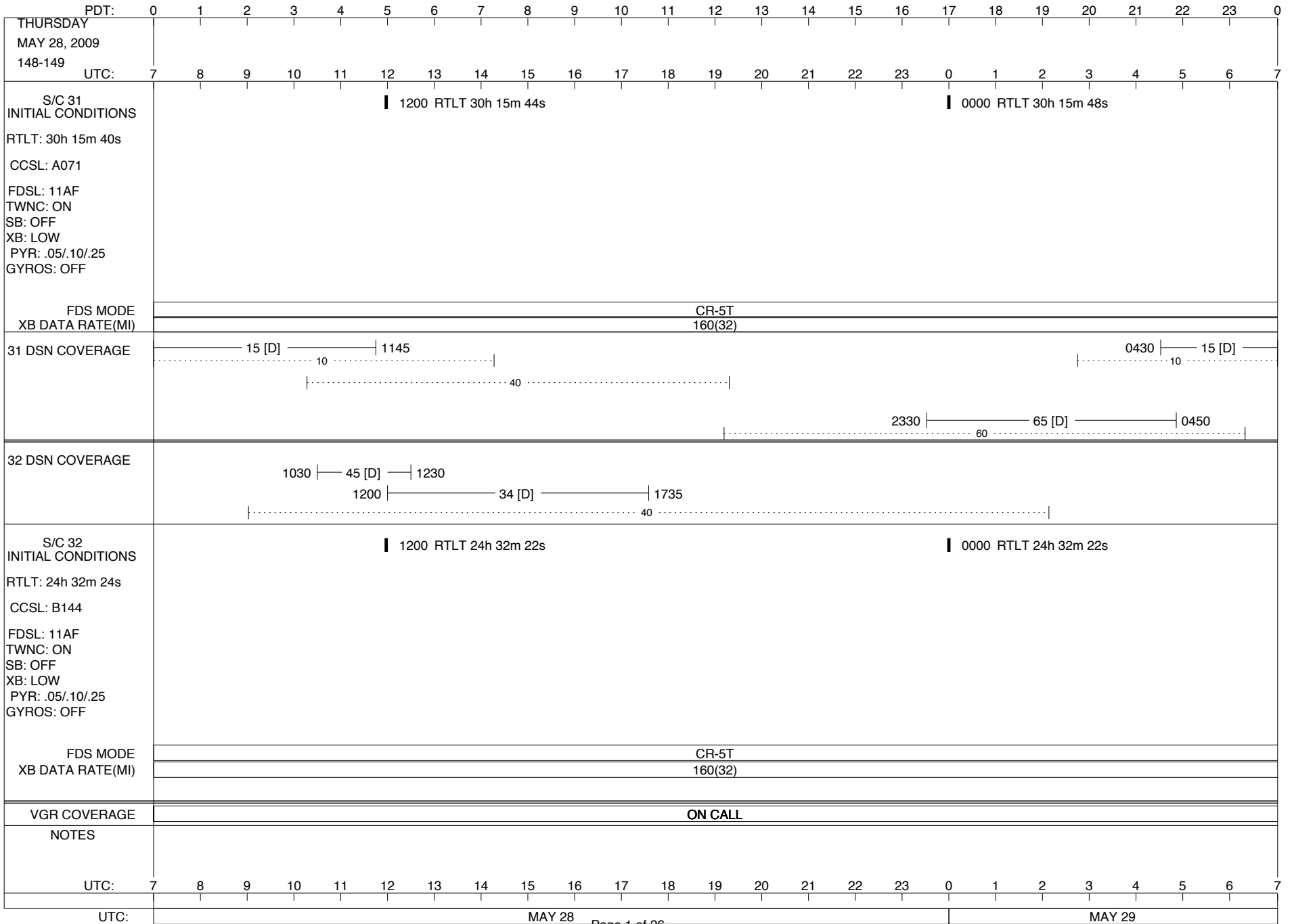
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LEGEND:

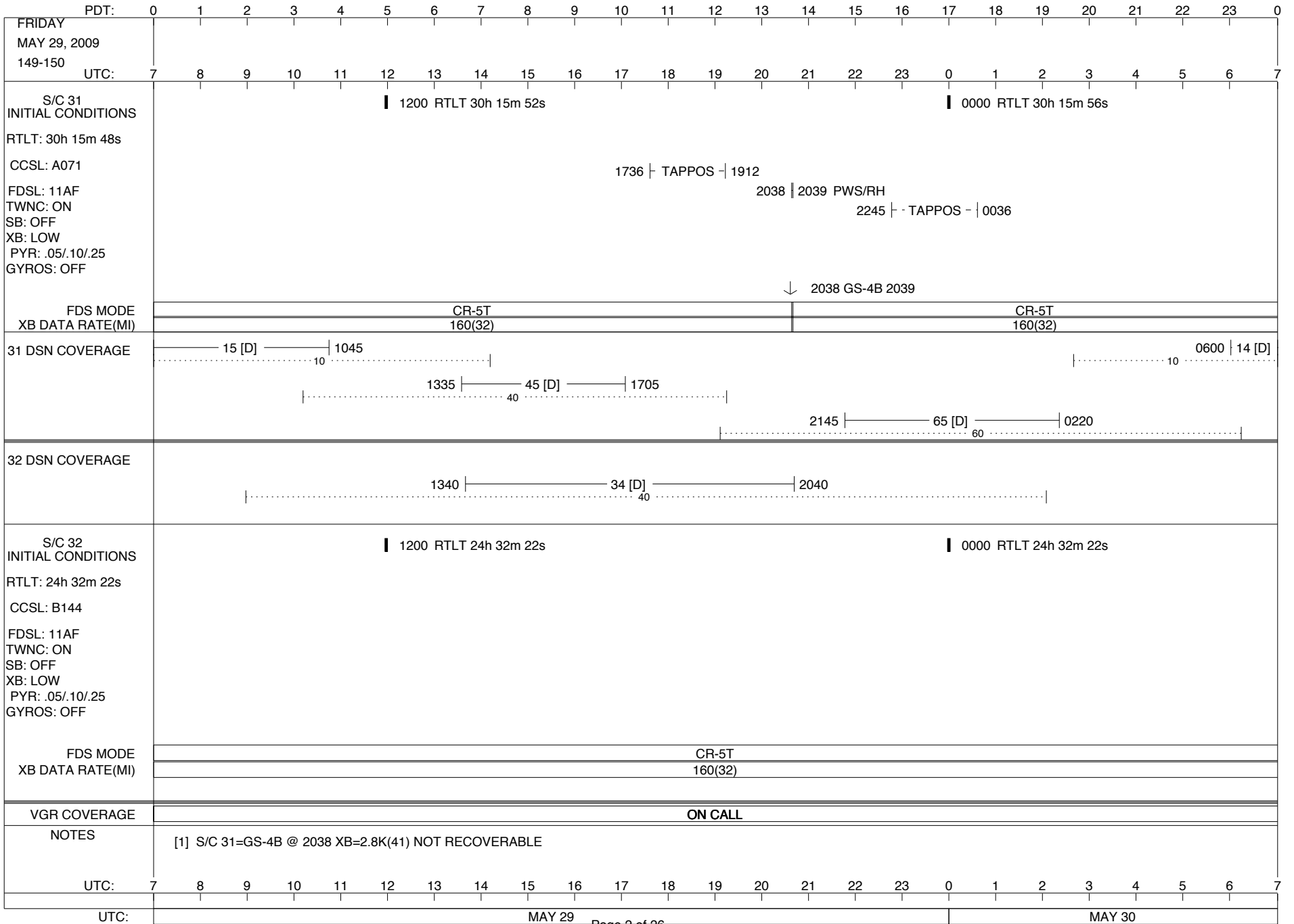
∇ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = 7-Point BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink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

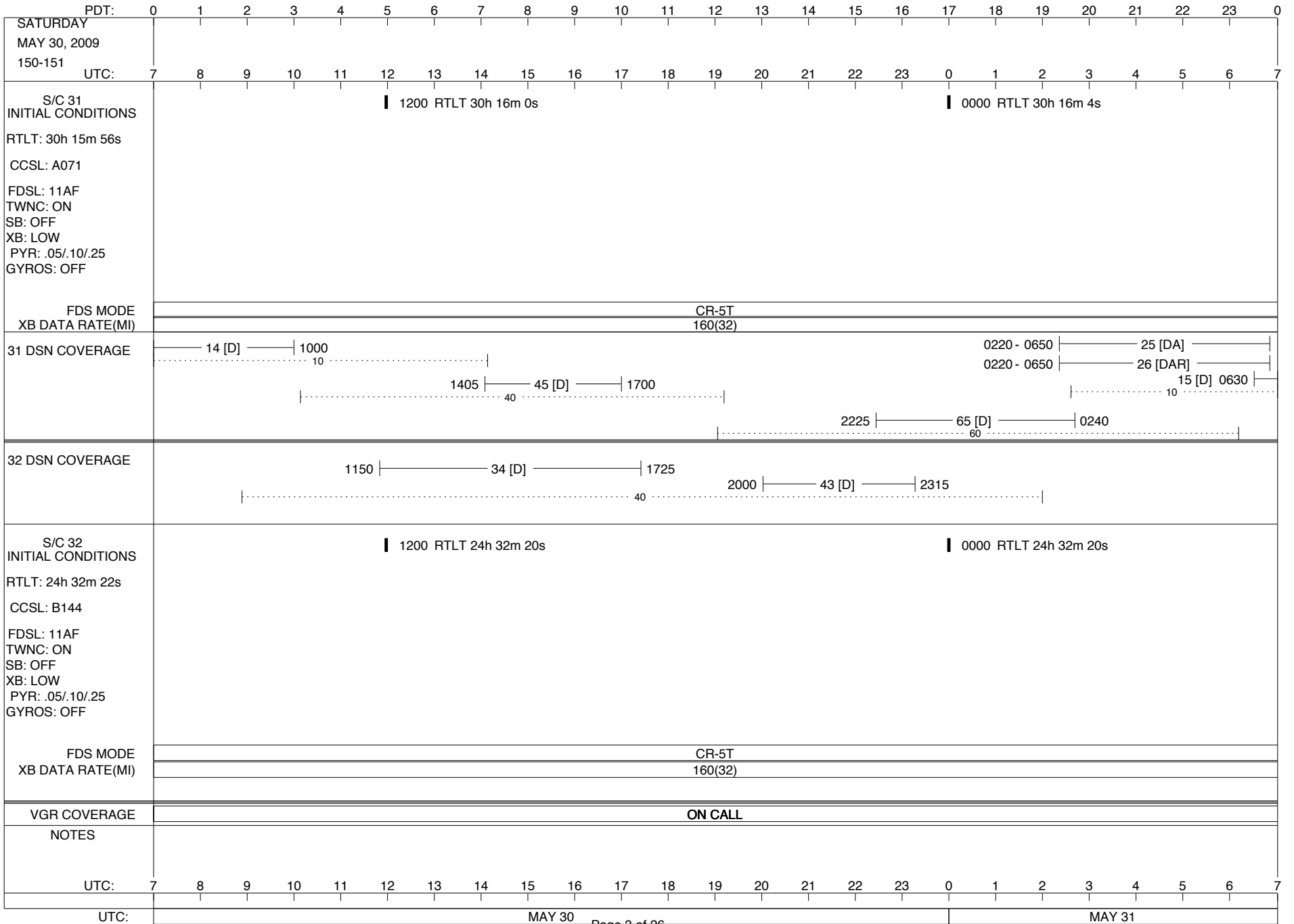
*Electronic Copy Only
 (17 – Dist/N: Paper Copies)
 04/02/09

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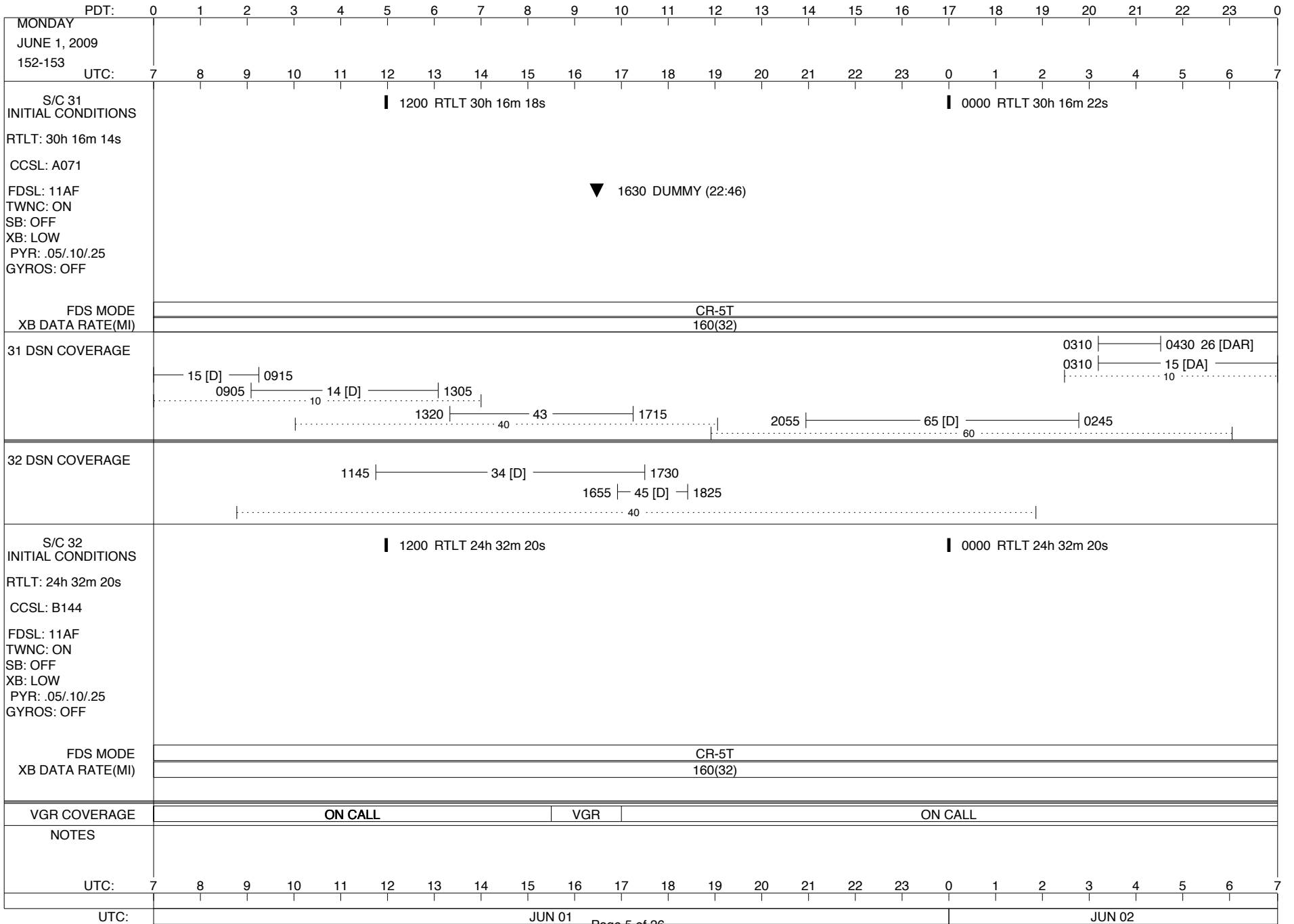


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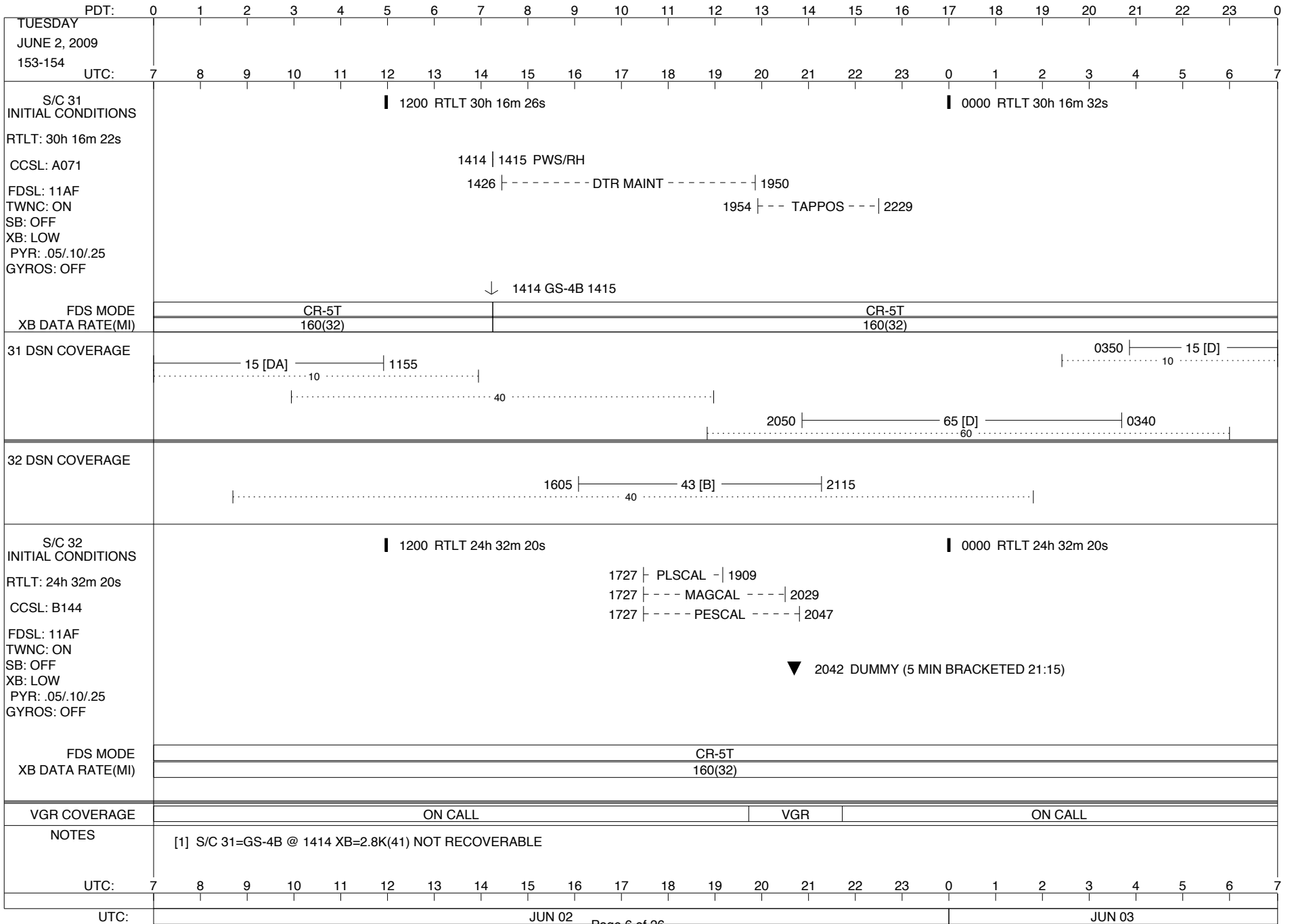




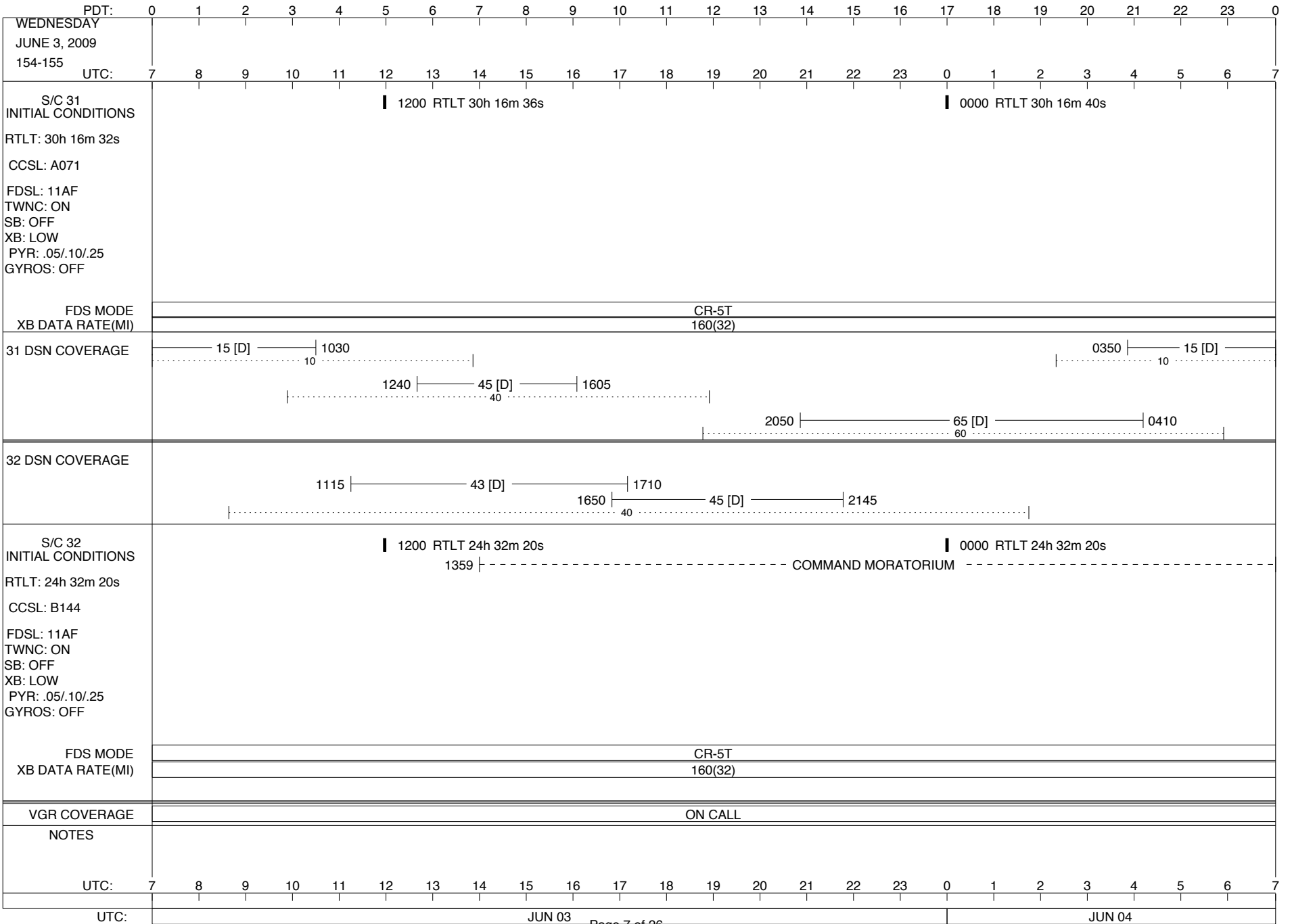
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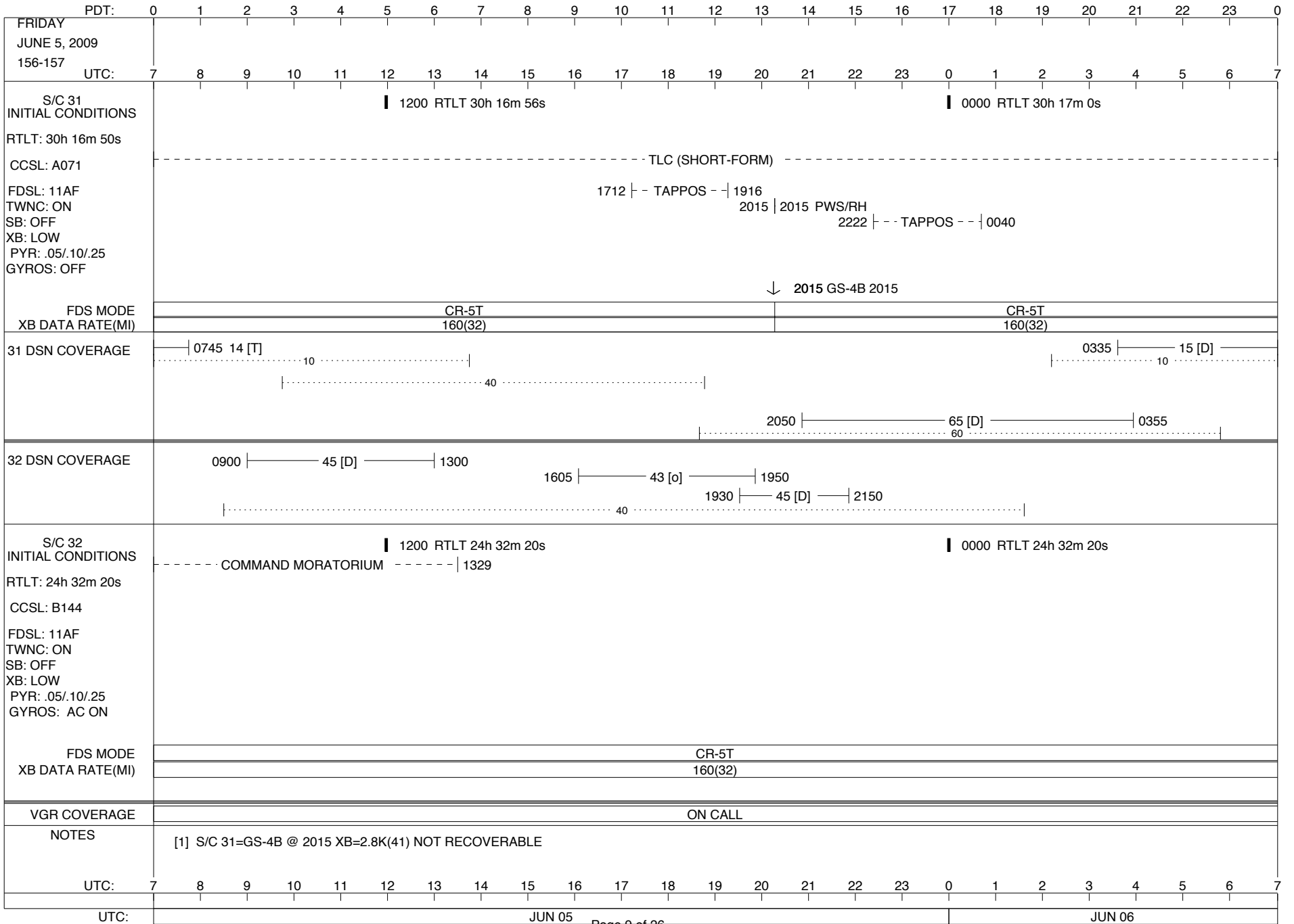


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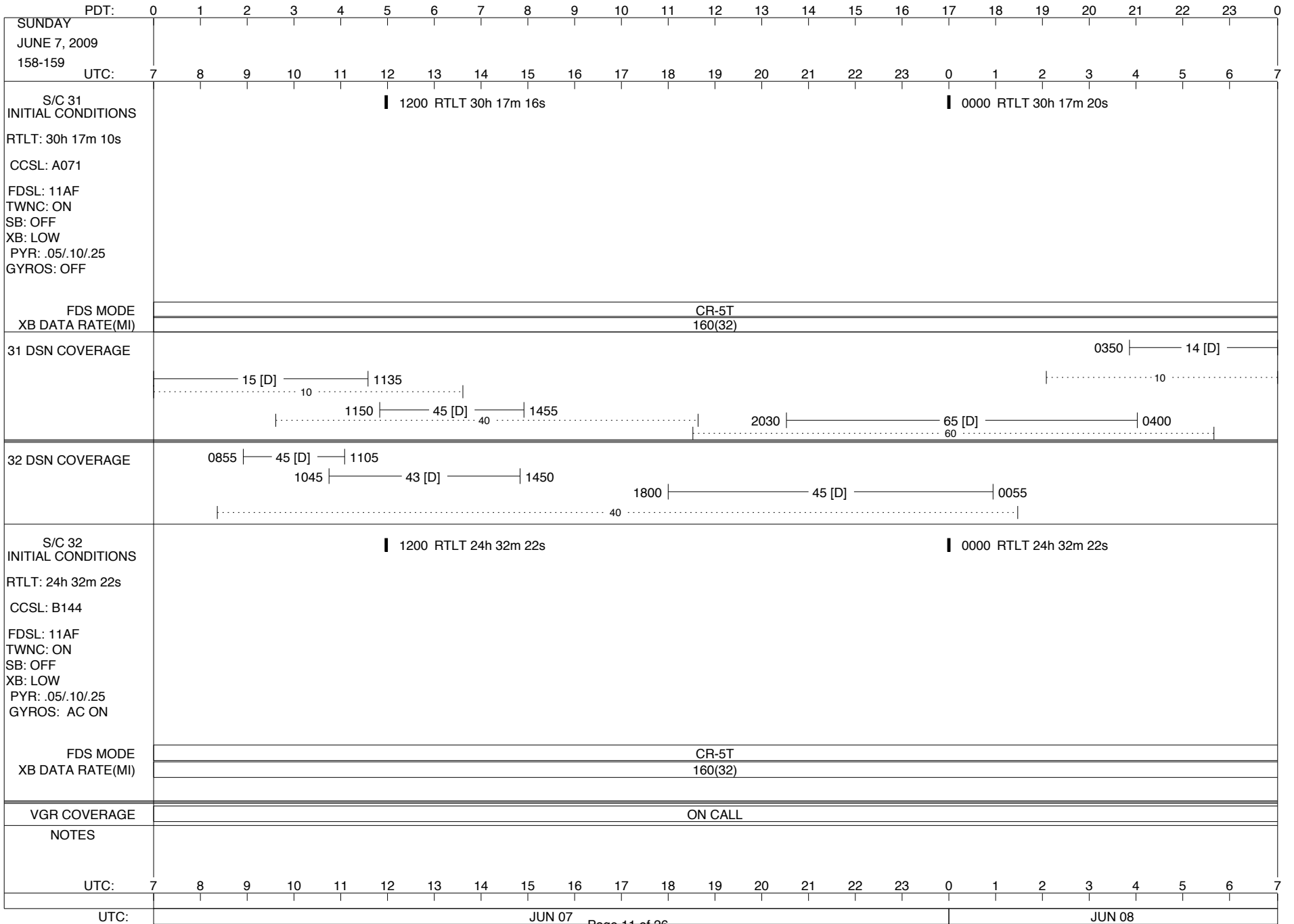


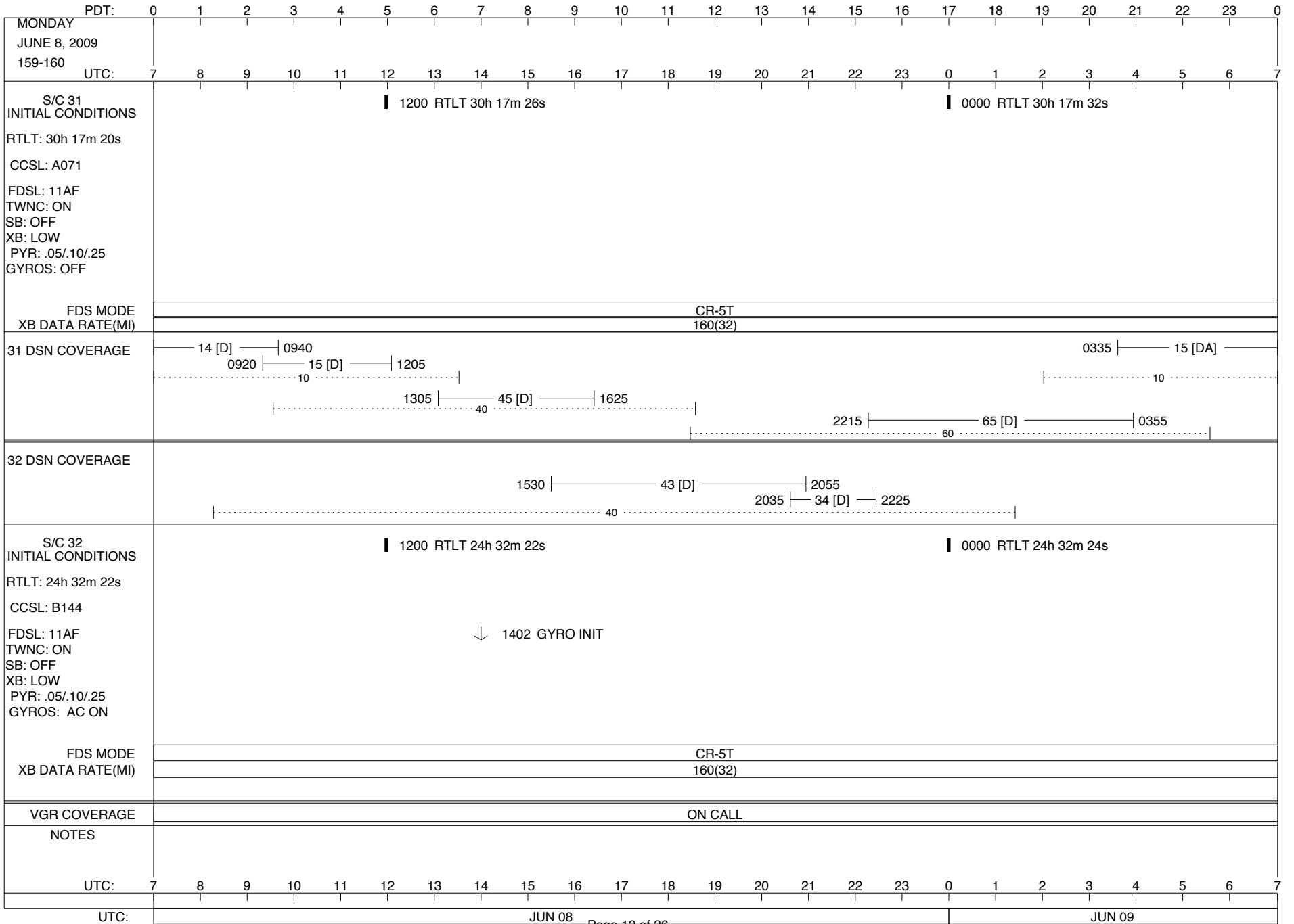
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THURSDAY JUNE 4, 2009 155-156																									
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S/C 31 INITIAL CONDITIONS RTLT: 30h 16m 40s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 16m 46s												0000 RTLT 30h 16m 50s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	15 [D] 1020 ----- 10										0335 ----- 14 [T] ----- 10														
	1200 ----- 45 [D] 1410 ----- 40										2040 ----- 65 [D] 0355 ----- 60														
32 DSN COVERAGE	1105 ----- 43 [D] 1515 ----- 40										1455 ----- 45 [D] 1945 ----- 40														
S/C 32 INITIAL CONDITIONS RTLT: 24h 32m 20s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 32m 20s												0000 RTLT 24h 32m 20s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	<p style="text-align: center;">----- COMMAND MORATORIUM -----</p> <p style="text-align: center;">↓ 1402 GYROS AC ON ↓ 1402 GYRO INIT ↓ 1411 GYRO FAULT TEST</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:	JUN 04												JUN 05												

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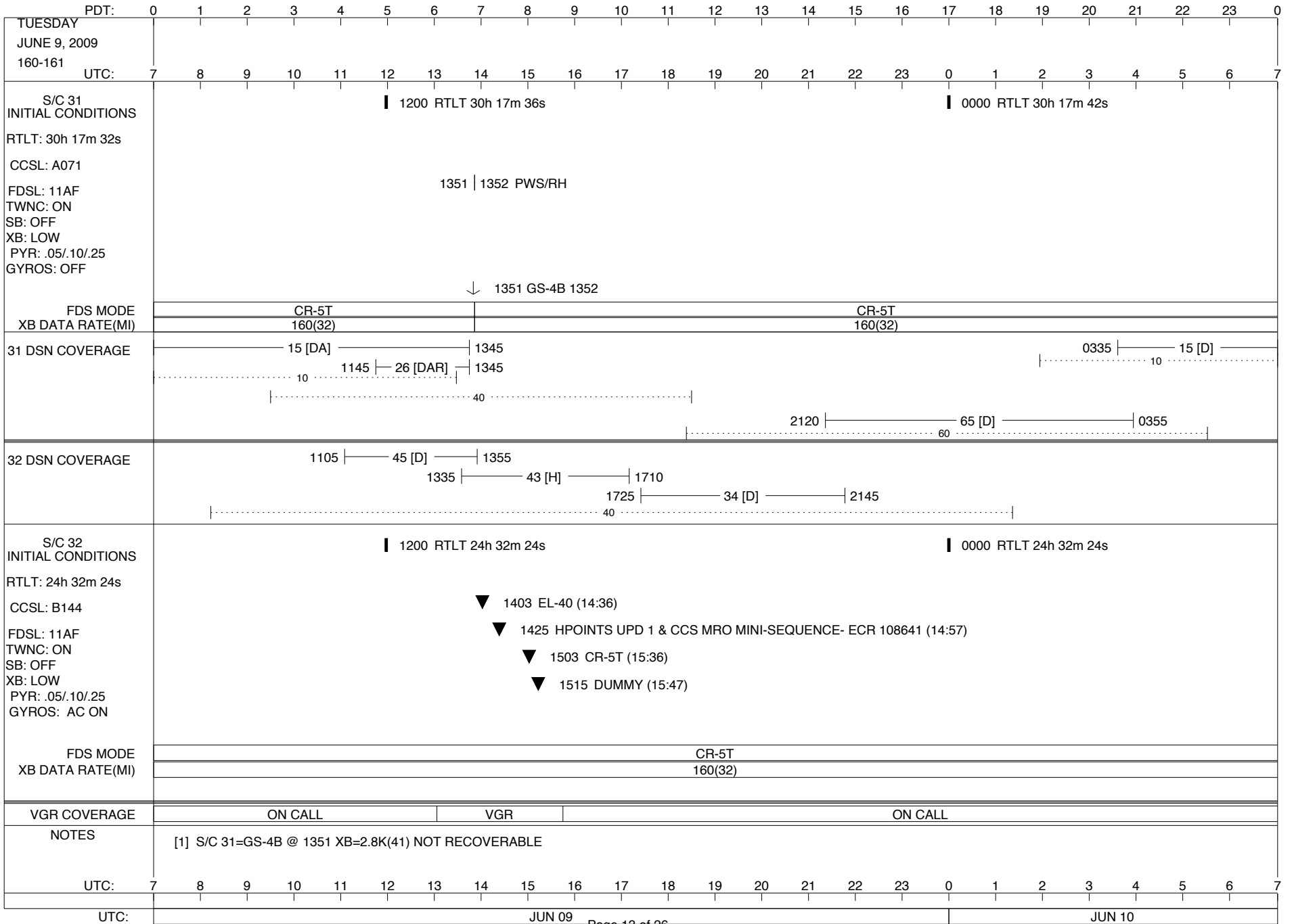


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SATURDAY JUNE 6, 2009 157-158	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 30h 17m 0s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 17m 6s												0000 RTLT 30h 17m 10s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	15 [D] 0945 10												0205 25 [DAR] 0420 0205 26 [DA] 0420 0400 15 [D] 10												
	1150 45 [D] 1630 40												2050 65 [D] 0225 60												
32 DSN COVERAGE	1100 43 [o] 1715 40												1710 34 [o] 2120												
S/C 32 INITIAL CONDITIONS RTLT: 24h 32m 20s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	1200 RTLT 24h 32m 20s												0000 RTLT 24h 32m 22s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE													ON CALL												
NOTES													↓ 1402 GYRO INIT												
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:	JUN 06												JUN 07												

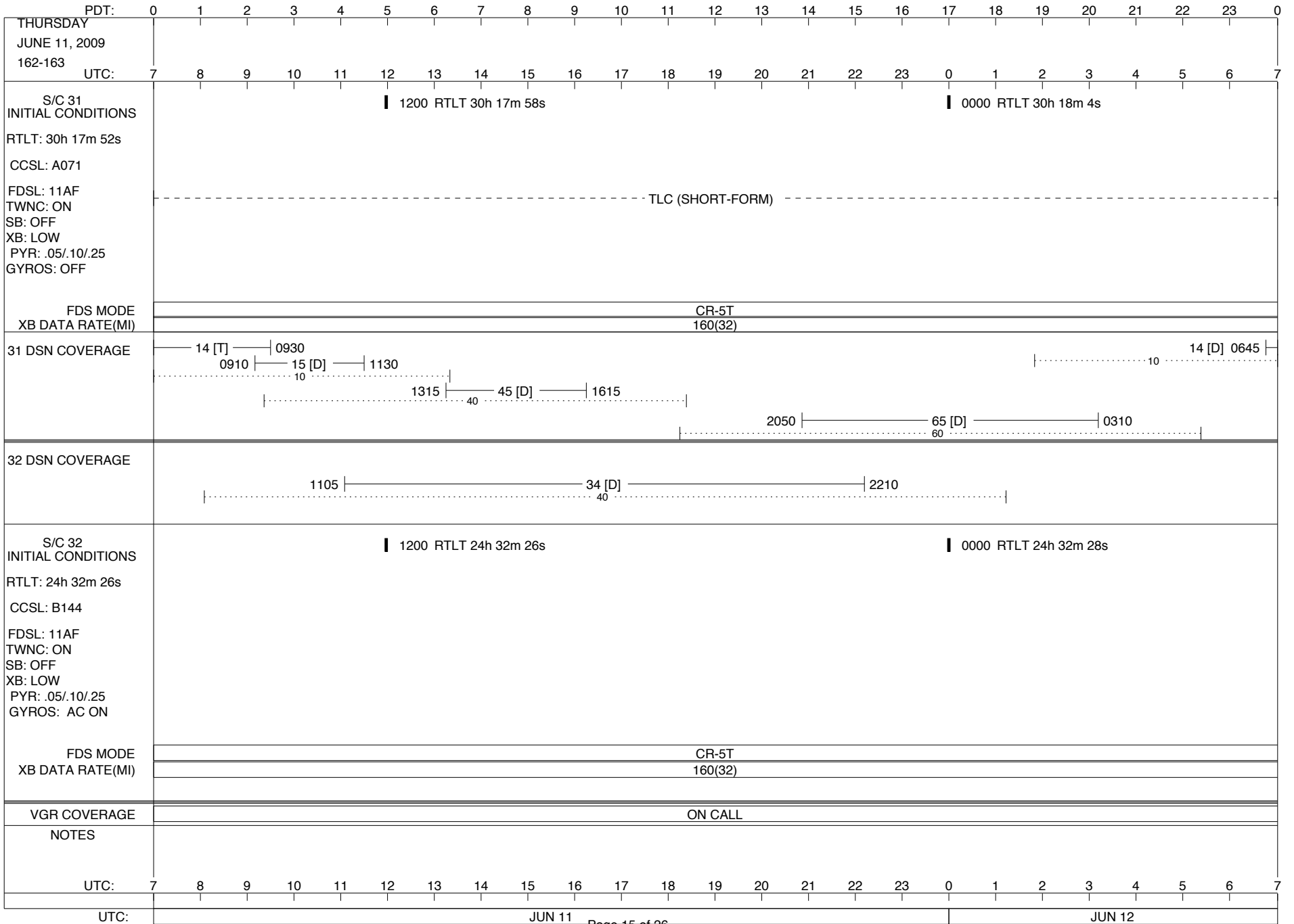




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WEDNESDAY JUNE 10, 2009 161-162																									
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S/C 31 INITIAL CONDITIONS RTLTL: 30h 17m 42s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 30h 17m 48s												0000 RTLTL 30h 17m 52s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	15 [D] 1145												0530 14 [T]												
												
40.....											10.....												
												2130 65 [D] 0235												
60.....												
32 DSN COVERAGE	1315 43 [D3] 1800																								
												1740 34 [D] 2215												
40.....																							
S/C 32 INITIAL CONDITIONS RTLTL: 24h 32m 24s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: AC ON	1200 RTLTL 24h 32m 26s												0000 RTLTL 24h 32m 26s												
	↓ 1402 GYRO INIT																								
	1521 1526 HPOINTS UPD 1 & CCS MRO MINI-SEQUENCE CHKSUM - ECR 108641																								
	1437↓ ↓ 1537																								
FDS MODE	CR-5T						EL-40						CR-5T												
XB DATA RATE(MI)	160(32)						40(30)						160(32)												
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 32=EL-40 @ 1336 XB=40(30) [2] S/C 32=CR-5T @ 1437 XB=160(32) [3] HPOINTS BACKUP U/L TRACK																								
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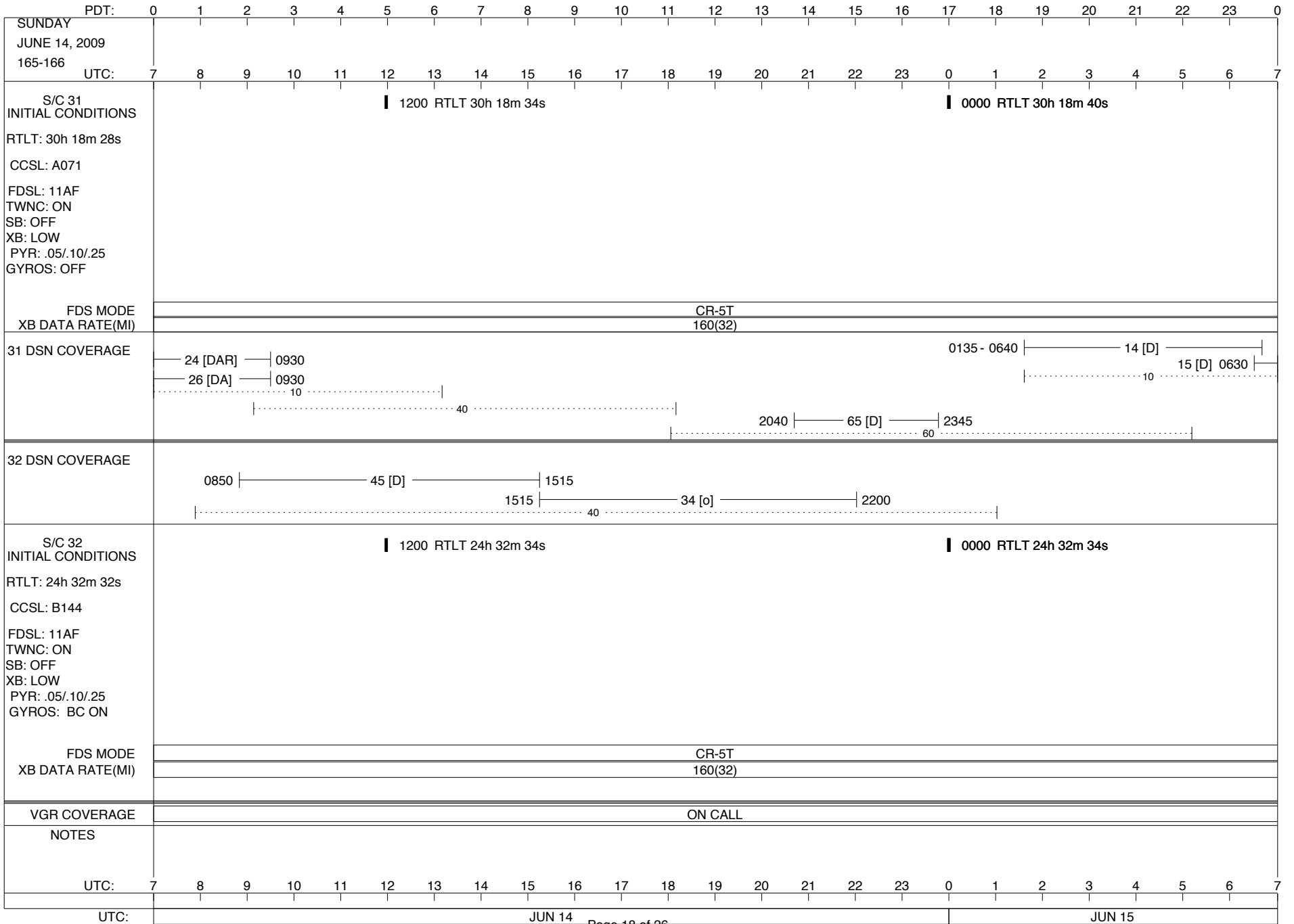
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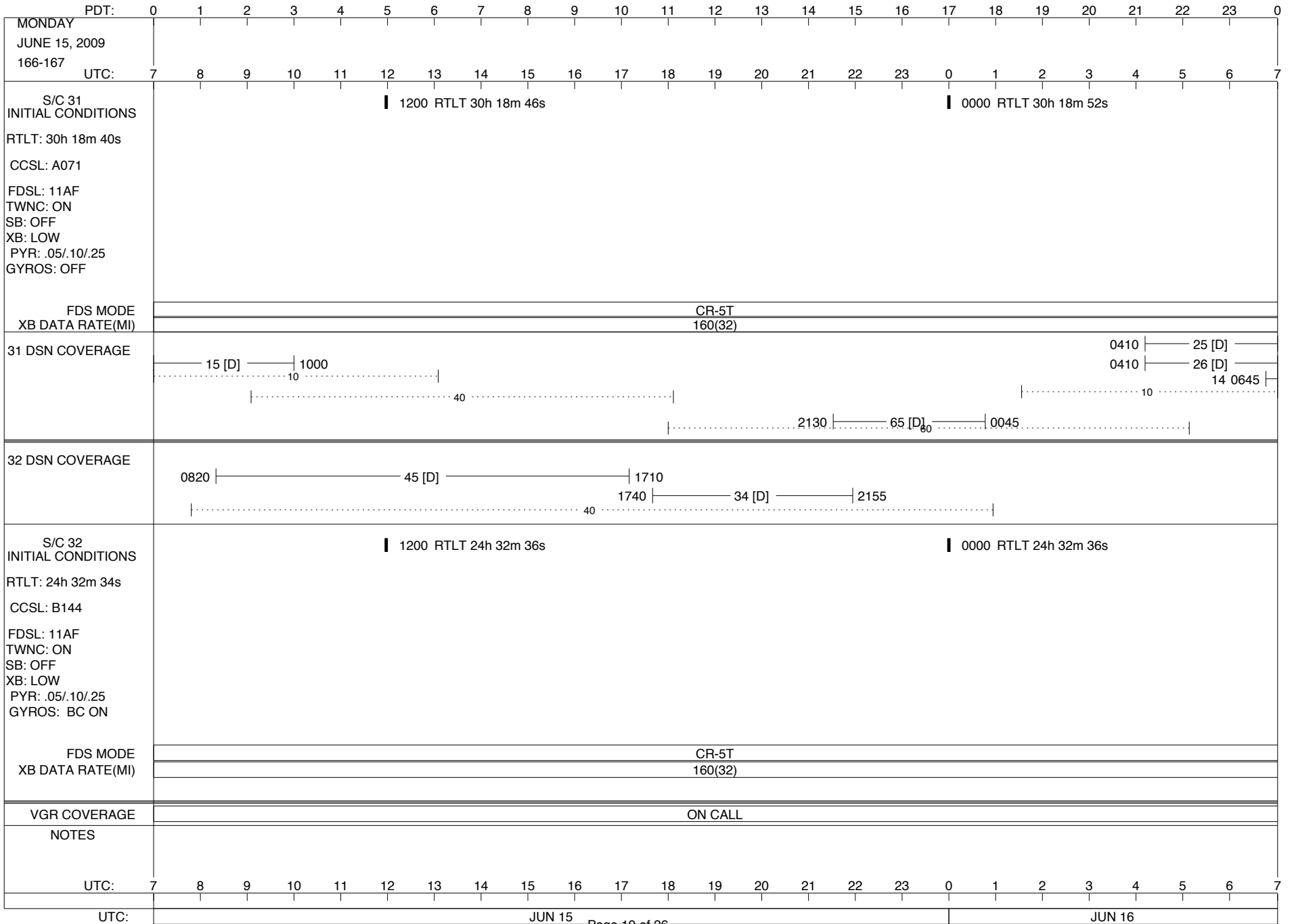
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FRIDAY JUNE 12, 2009 163-164	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 30h 18m 4s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 30h 18m 10s												0000 RTLTL 30h 18m 16s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	14 [D] 1330 10 40												0335 15 [D] 10 0345 60												
32 DSN COVERAGE	0845 45 [D] 2000 40 1940 34 [D] 2210																								
S/C 32 INITIAL CONDITIONS RTLTL: 24h 32m 28s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	1200 RTLTL 24h 32m 28s												0000 RTLTL 24h 32m 30s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL												VGR ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1951 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: 05/27/09 18:57

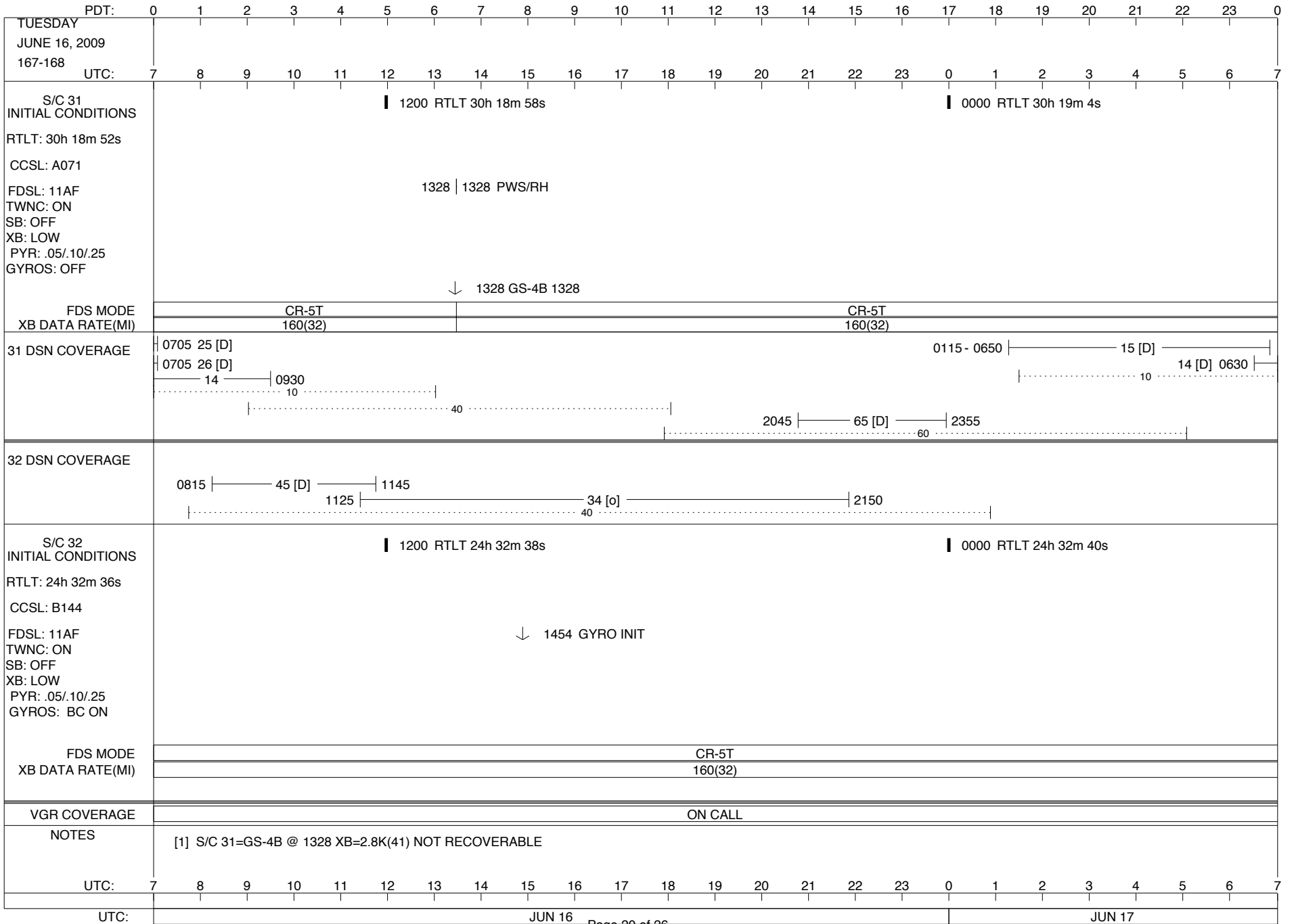
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SATURDAY JUNE 13, 2009 164-165	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 30h 18m 16s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 18m 22s												0000 RTLT 30h 18m 28s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	15 [D] 111540.....												0320 15 [D] 0555 0535 24 [DAR] 0535 26 [DA] 2050 65 [D] 034060.....													
32 DSN COVERAGE	0830 45 [D] 1630 40.....																									
S/C 32 INITIAL CONDITIONS RTLTL: 24h 32m 30s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 24h 32m 30s												0000 RTLT 24h 32m 32s													
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	
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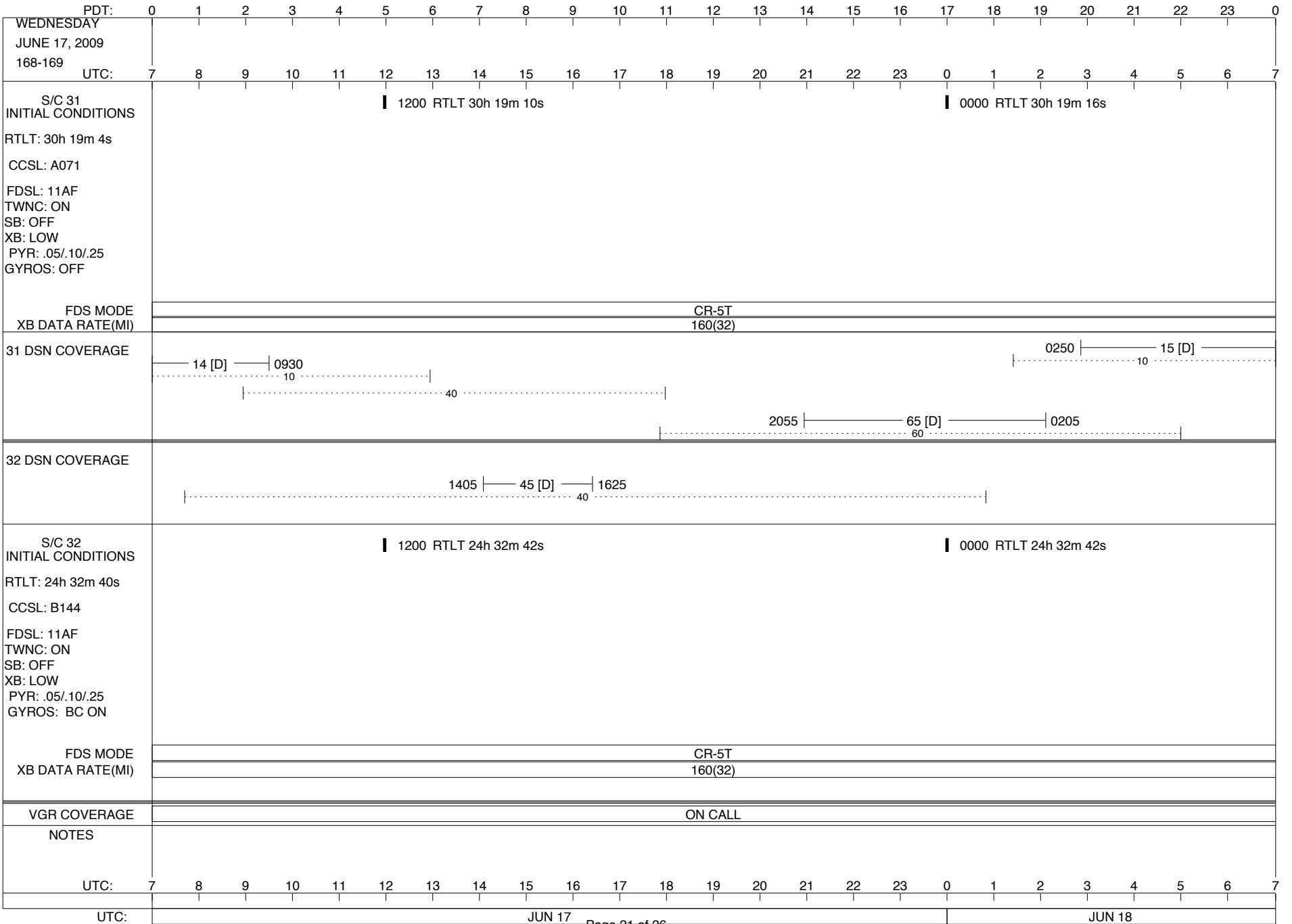




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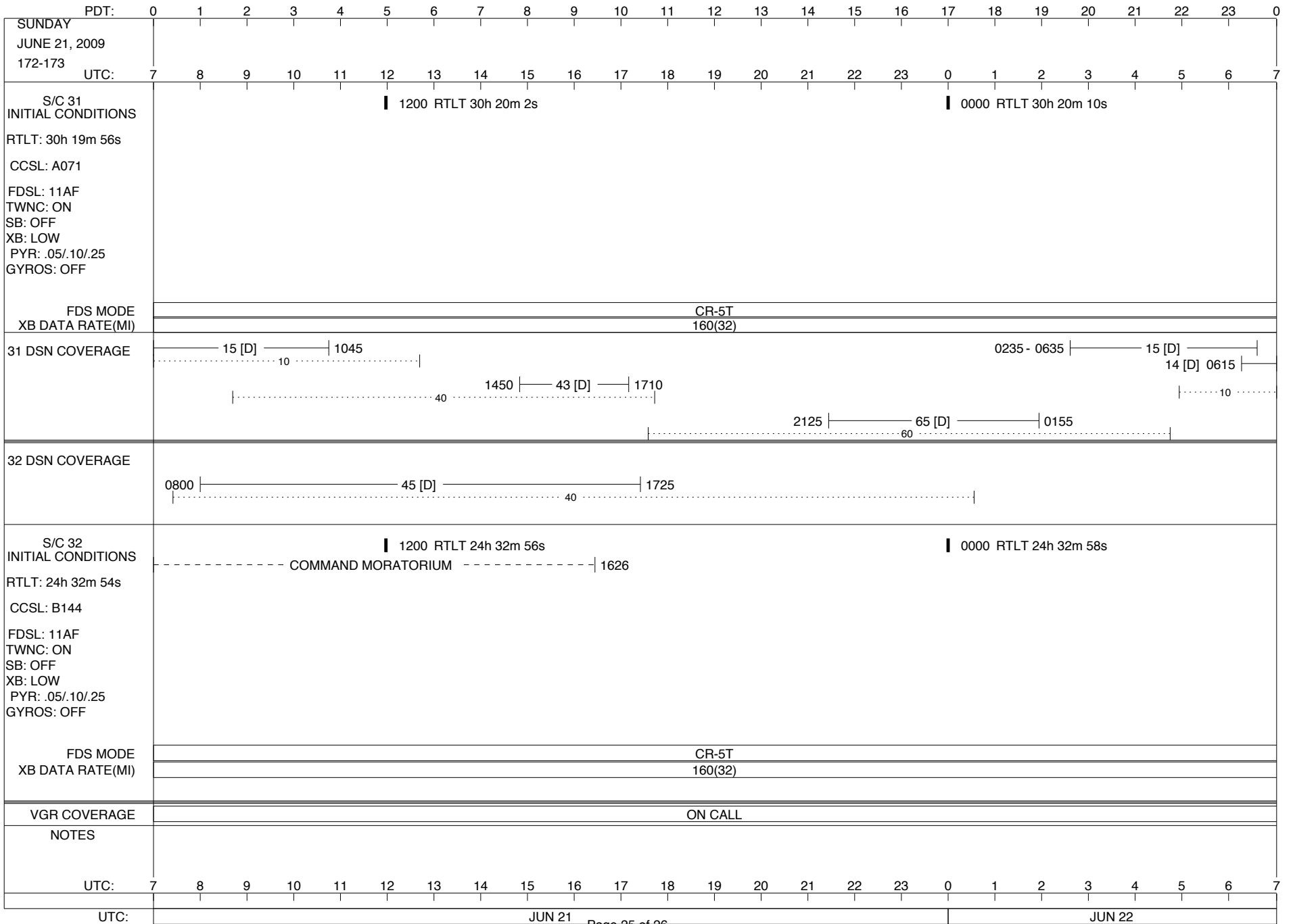
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S/C 31 INITIAL CONDITIONS RTLTL: 30h 19m 16s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						1200															0000				
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLTL: 24h 32m 42s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW 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
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FRIDAY JUNE 19, 2009 170-171																													
S/C 31 INITIAL CONDITIONS RTLT: 30h 19m 30s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 30h 19m 36s														0000 RTLT 30h 19m 42s													
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 32m 46s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON		1200 RTLT 24h 32m 48s														0000 RTLT 24h 32m 50s													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																											
VGR COVERAGE		ON CALL														VGR							ON CALL						
NOTES		[1] S/C 31=GS-4B @ 1928 XB=2.8K(41) NOT RECOVERABLE [2] S/C 32 D/L AGC & SNR VARIATIONS EXPECTED DURING MAGROL (1507-2103)																											
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UTC:		JUN 19														JUN 20													

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SATURDAY JUNE 20, 2009 171-172	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 19m 42s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 30h 19m 50s												0000 RTLT 30h 19m 56s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	14 [D] 0825 0805 15 [D] 1120 10												0240 15 [D] 10 1950 54 [DAR] 2305 1950 55 [DA] 2305 2245 65 [D] 0205 60												
32 DSN COVERAGE	1105 43 [DA] 1620 1515 45 [DAR] 1950 40																								
S/C 32 INITIAL CONDITIONS RTLTL: 24h 32m 50s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	1200 RTLT 24h 32m 52s												0000 RTLT 24h 32m 54s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	ON CALL												VGR						ON CALL						
NOTES	[1] S/C 32=EH-12@1548 XB=1.2K(39) [2] S/C 32-CR-5T@1616 XB=160(32)																								
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UTC:	JUN 20												JUN 21												

ISSUE DATE: 05/27/09 18:57



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MONDAY JUNE 22, 2009 173-174																											
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 20m 10s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 30h 20m 16s																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE																											
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLT: 24h 32m 58s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 24h 33m 0s																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
VGR COVERAGE														ON CALL													
NOTES																											
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