

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: August 20, 2008

For the Period: 08/21/08 to 09/08/08 (08-234 – 08-252)

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**SCIENCE**

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

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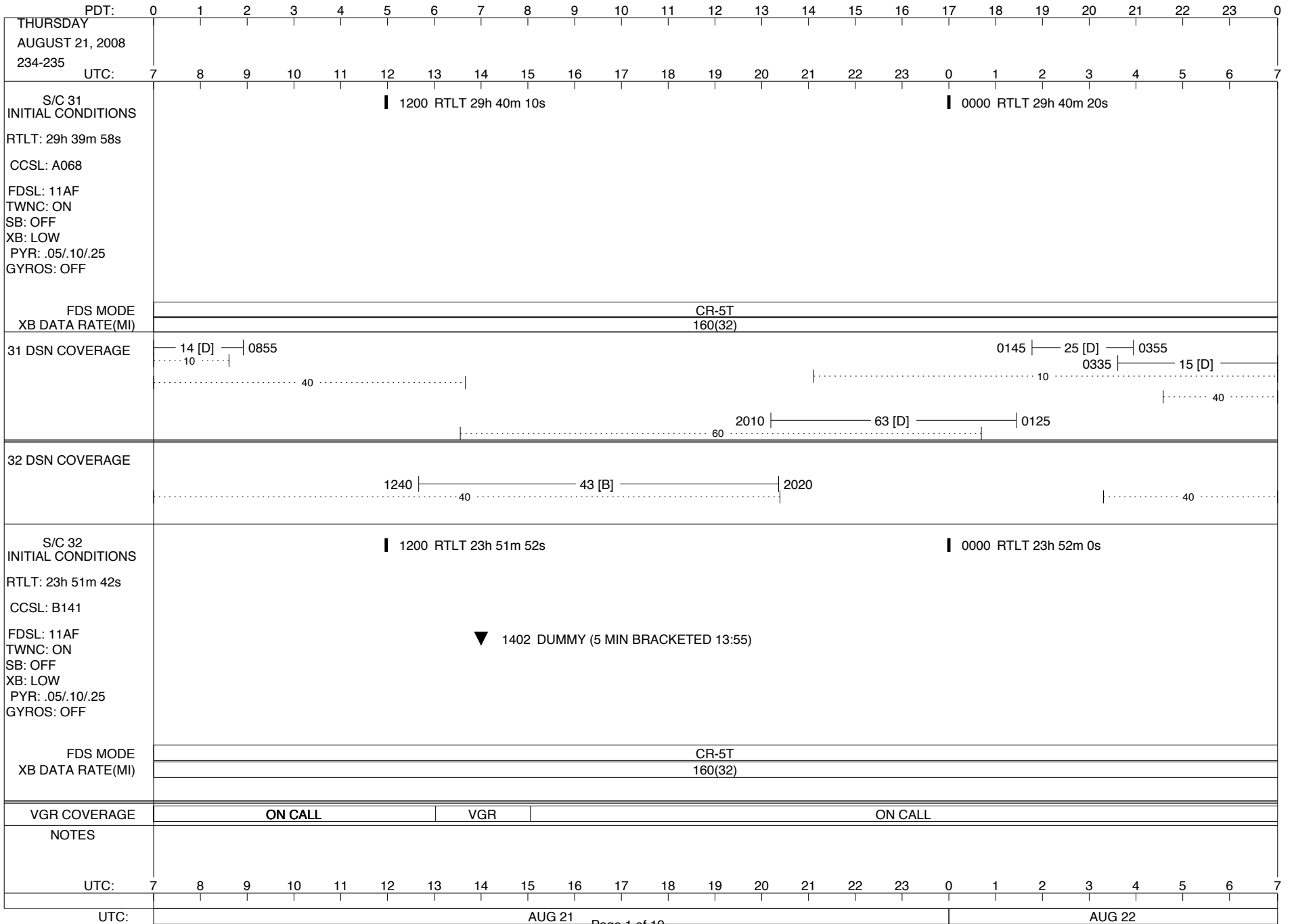
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 \* Peter.T.Poon@jpl.nasa.gov  
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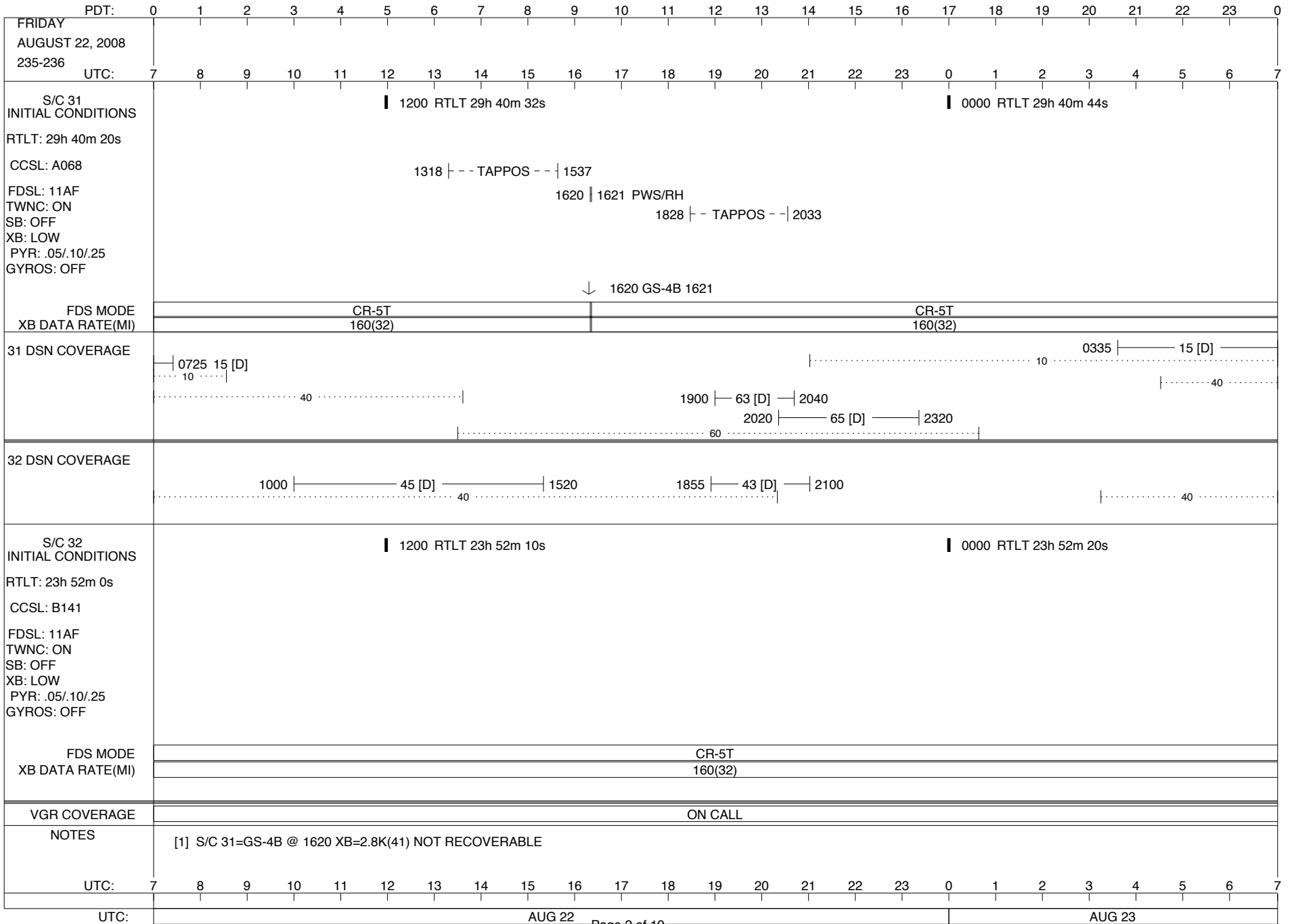
**LEGEND:** ▽ = R/T Command (Last chance or Contingency)  
 ▼ = R/T Command (Scheduled)  
 \* = Result of R/T Command  
 n = (where n = 1,2,3 ..) Special Note, see bottom of page  
 A = Arrayed station  
 B = 7-Point BLF  
 D = Downlink only pass  
 H = High Power Transmitter  
 R = Array Reference Antenna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

\*Electronic Copy Only  
 (17 – Dist/N: Paper Copies)  
 02/21/08

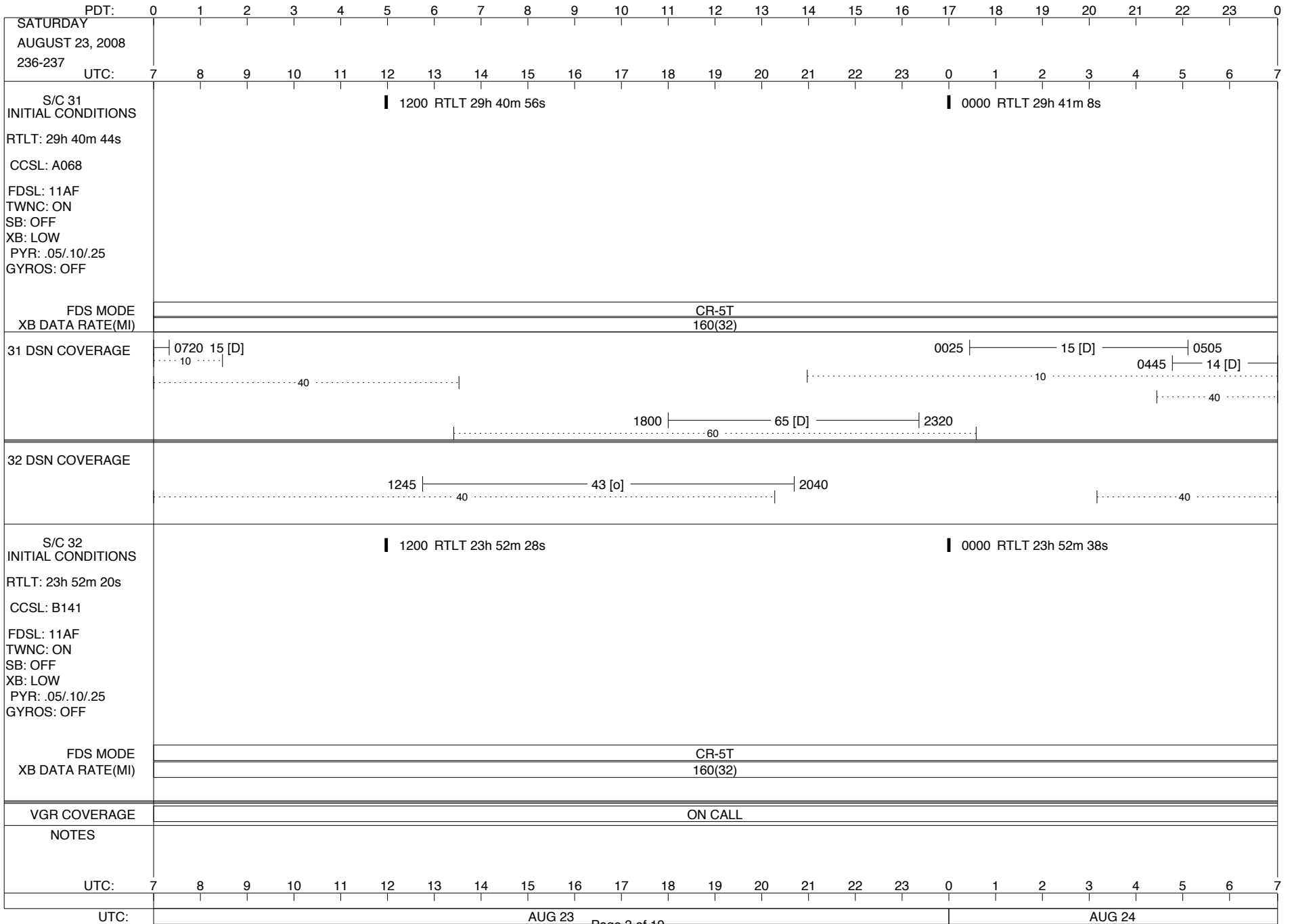
ISSUE DATE: 08/20/08 17:13

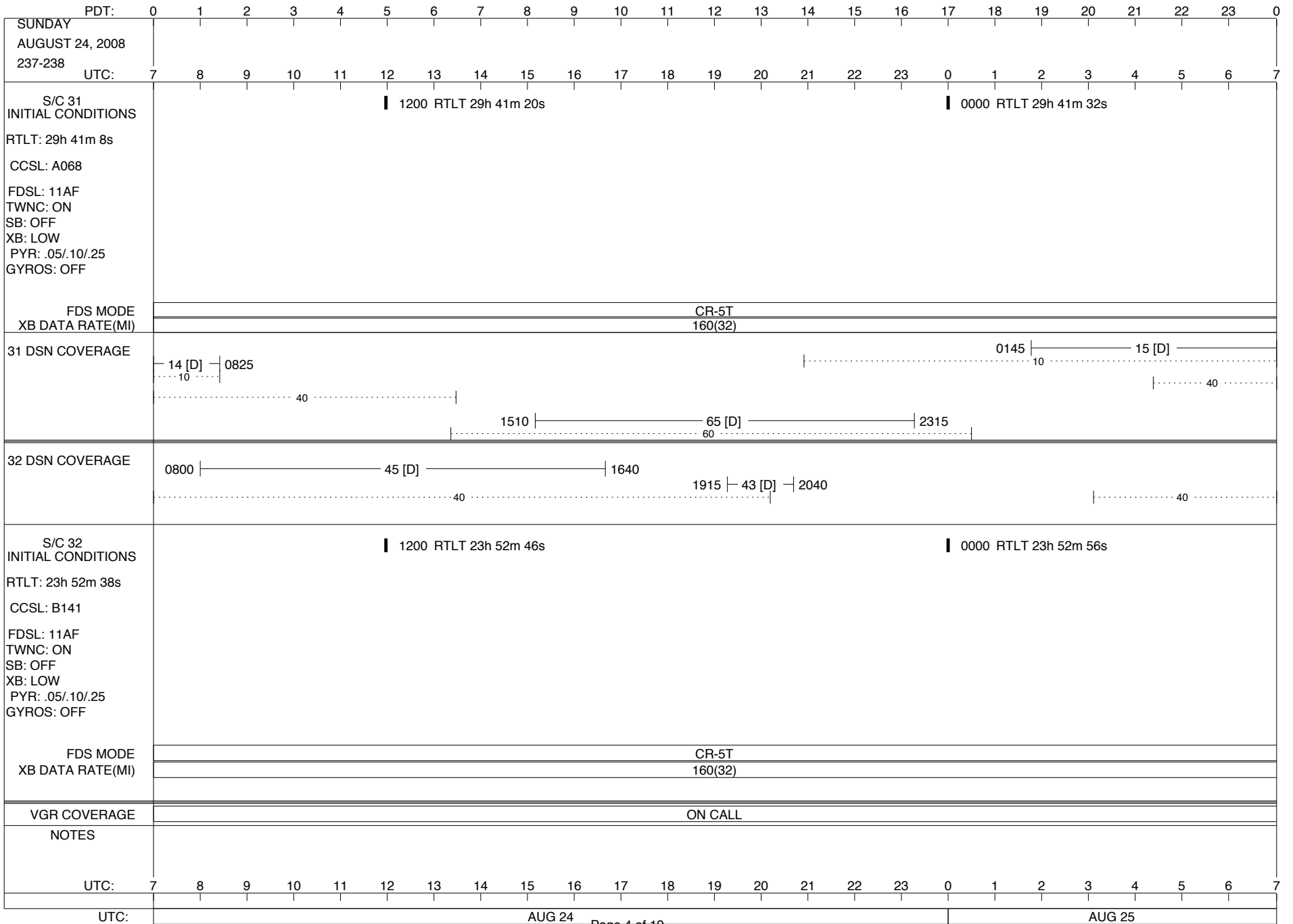


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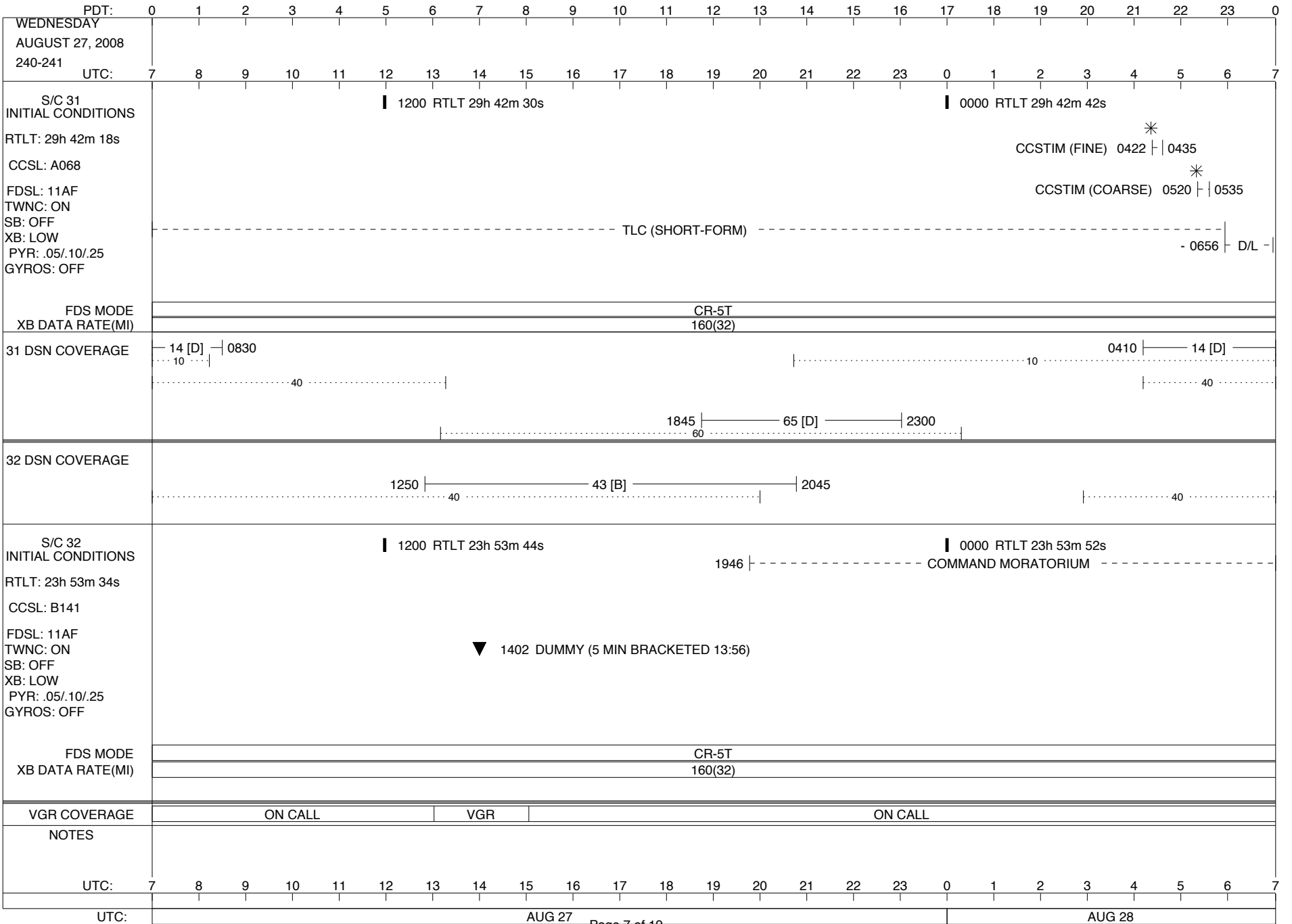


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MONDAY AUGUST 25, 2008 238-239																											
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S/C 31 INITIAL CONDITIONS RTLT: 29h 41m 32s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF																											
FDS MODE													CR-5T														
XB DATA RATE(MI)													160(32)														
31 DSN COVERAGE	0710 15 [D] ..... 10 .....													..... 10 ..... 0400   ..... 14 [D]													
	..... 40 .....													..... 40 .....													
														..... 60 ..... 1955   ..... 65 [D]   ..... 2310													
32 DSN COVERAGE	0800   ..... 45 [D]   ..... 1935													..... 40 .....													
	..... 40 .....																										
S/C 32 INITIAL CONDITIONS RTLT: 23h 52m 56s CCSL: B141 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																											
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:	AUG 25													AUG 26													

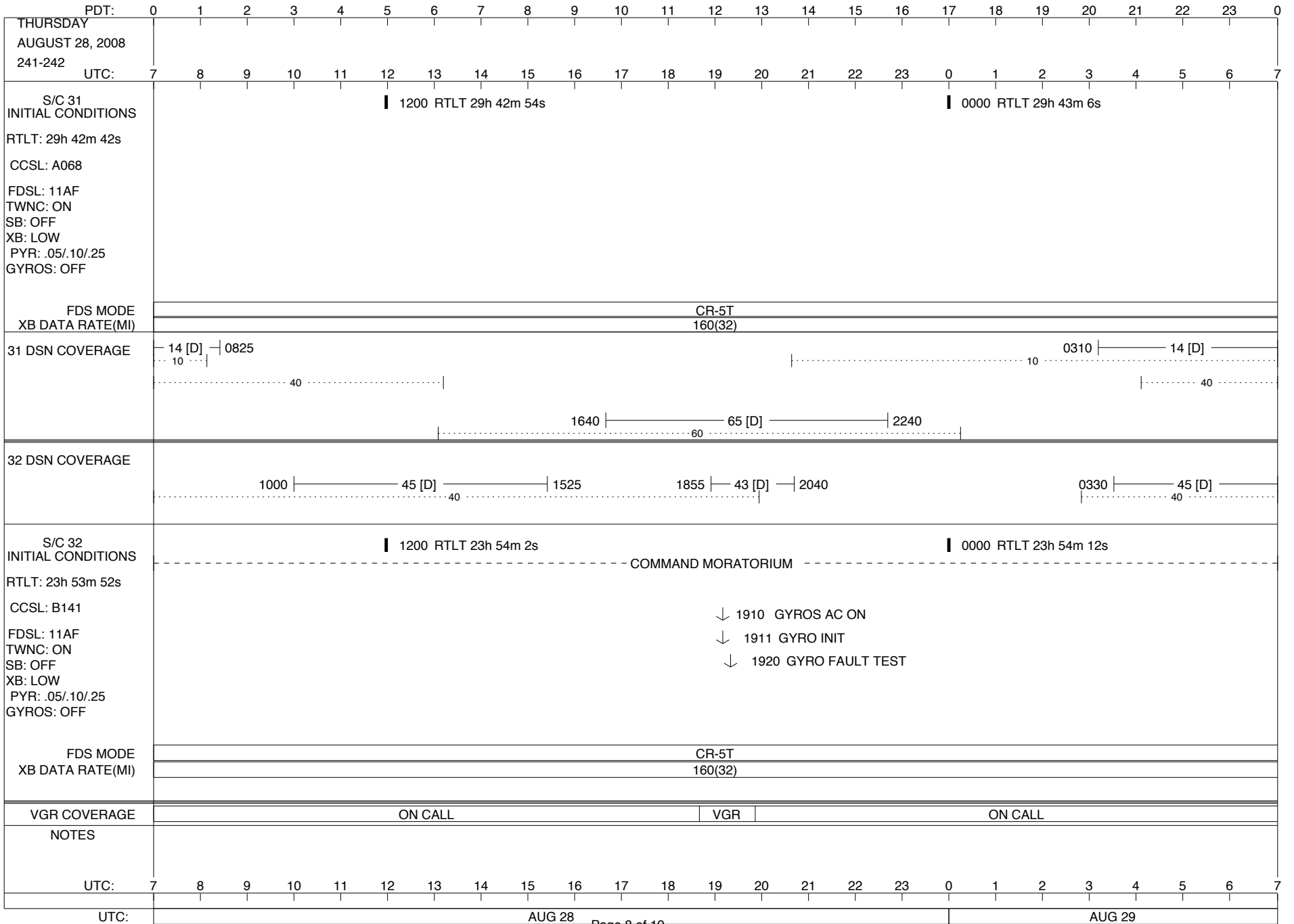
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TUESDAY AUGUST 26, 2008 239-240	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 29h 41m 54s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 42m 6s												0000 RTLT 29h 42m 18s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	14 [D]   0830 ..... 10 .....												0245   14 [D]   ..... 10 .....												
32 DSN COVERAGE	1005   45 [D]   1555 ..... 40 .....												2055   63 [T]   0105 ..... 60 .....												
S/C 32 INITIAL CONDITIONS RTLT: 23h 53m 14s CCSL: B141 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 23h 53m 24s												0000 RTLT 23h 53m 34s												
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 31=GS-4B @ 0957 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:	AUG 26												Page 6 of 19						AUG 27						

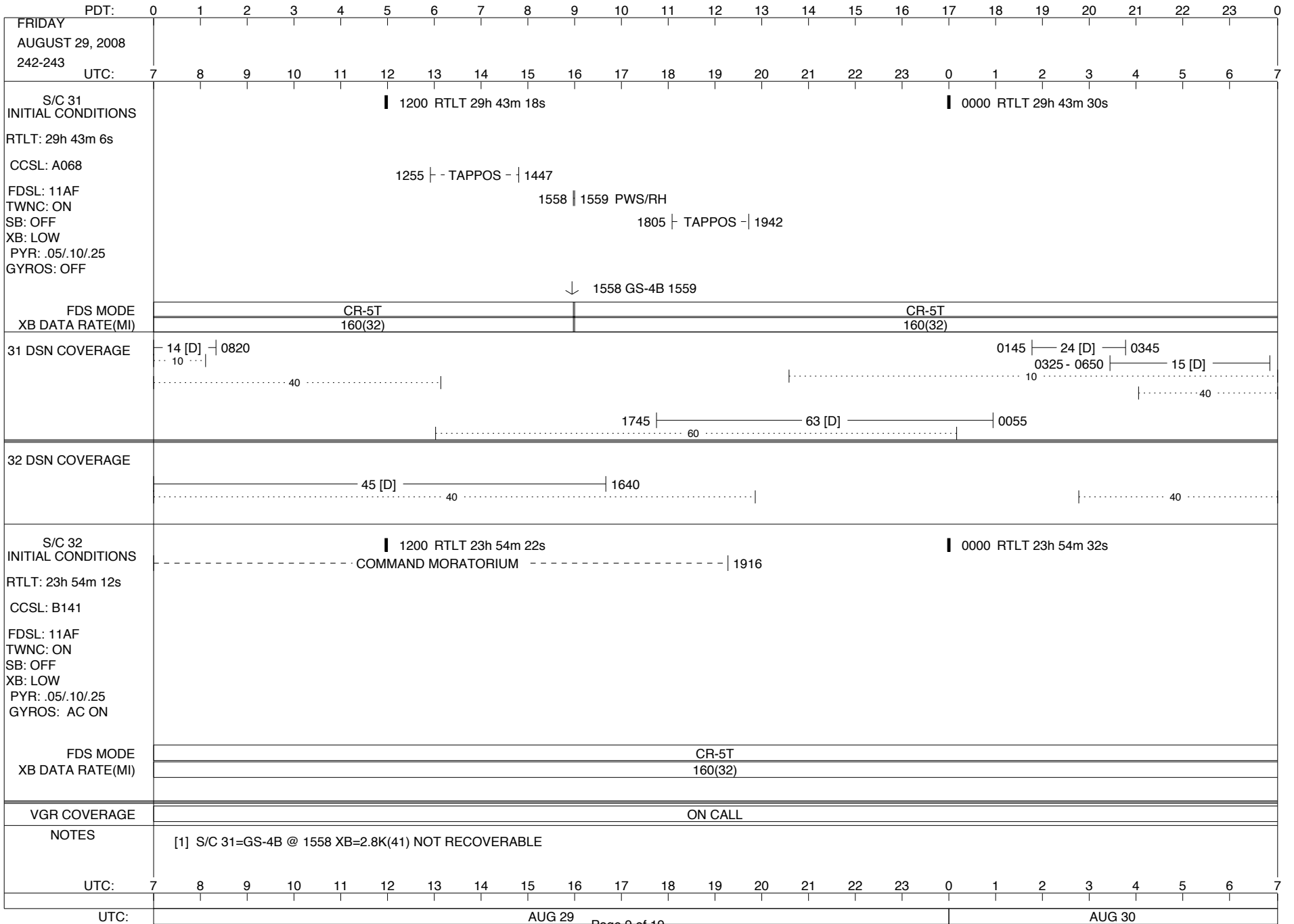
ISSUE DATE: 08/20/08 17:13

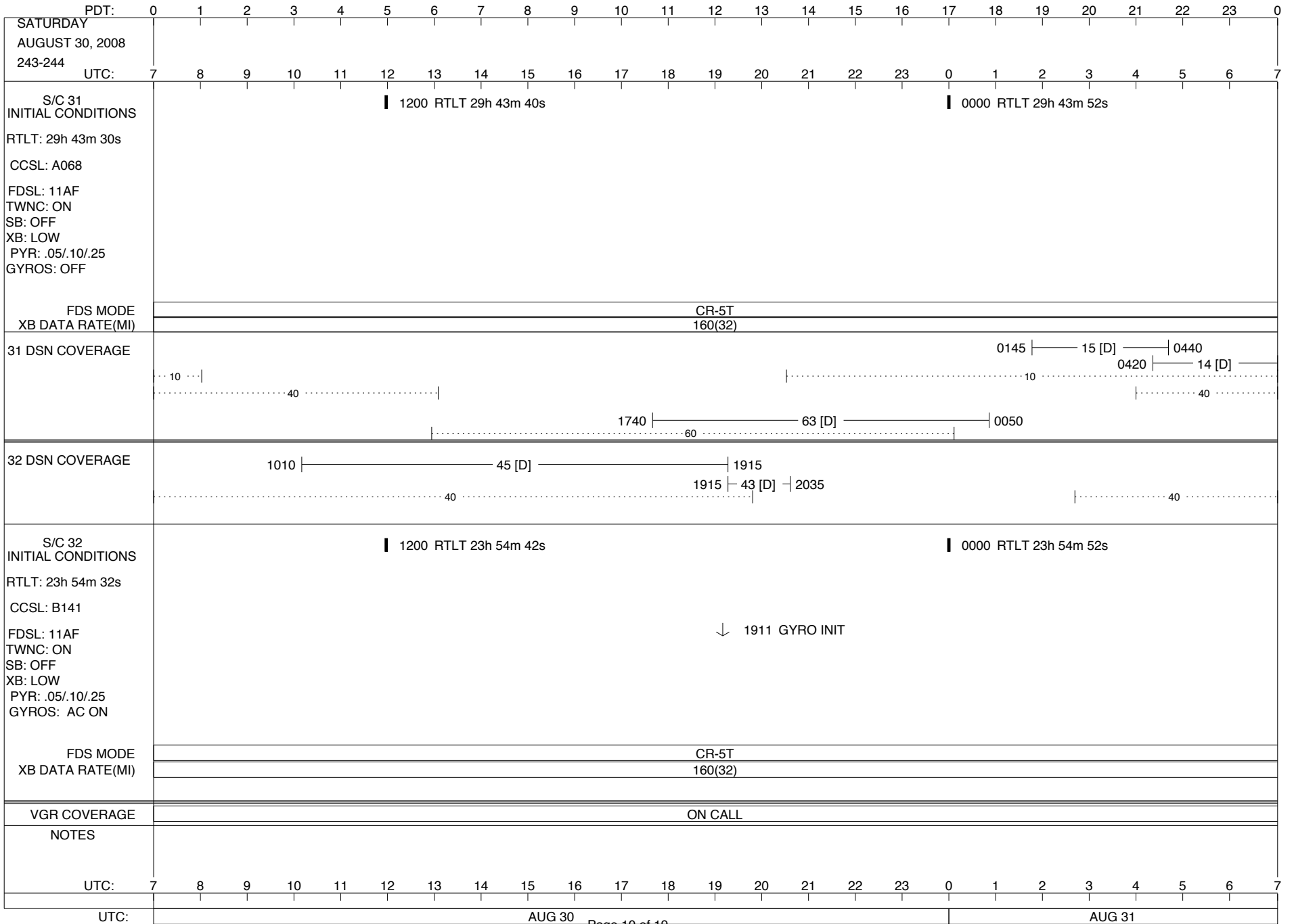




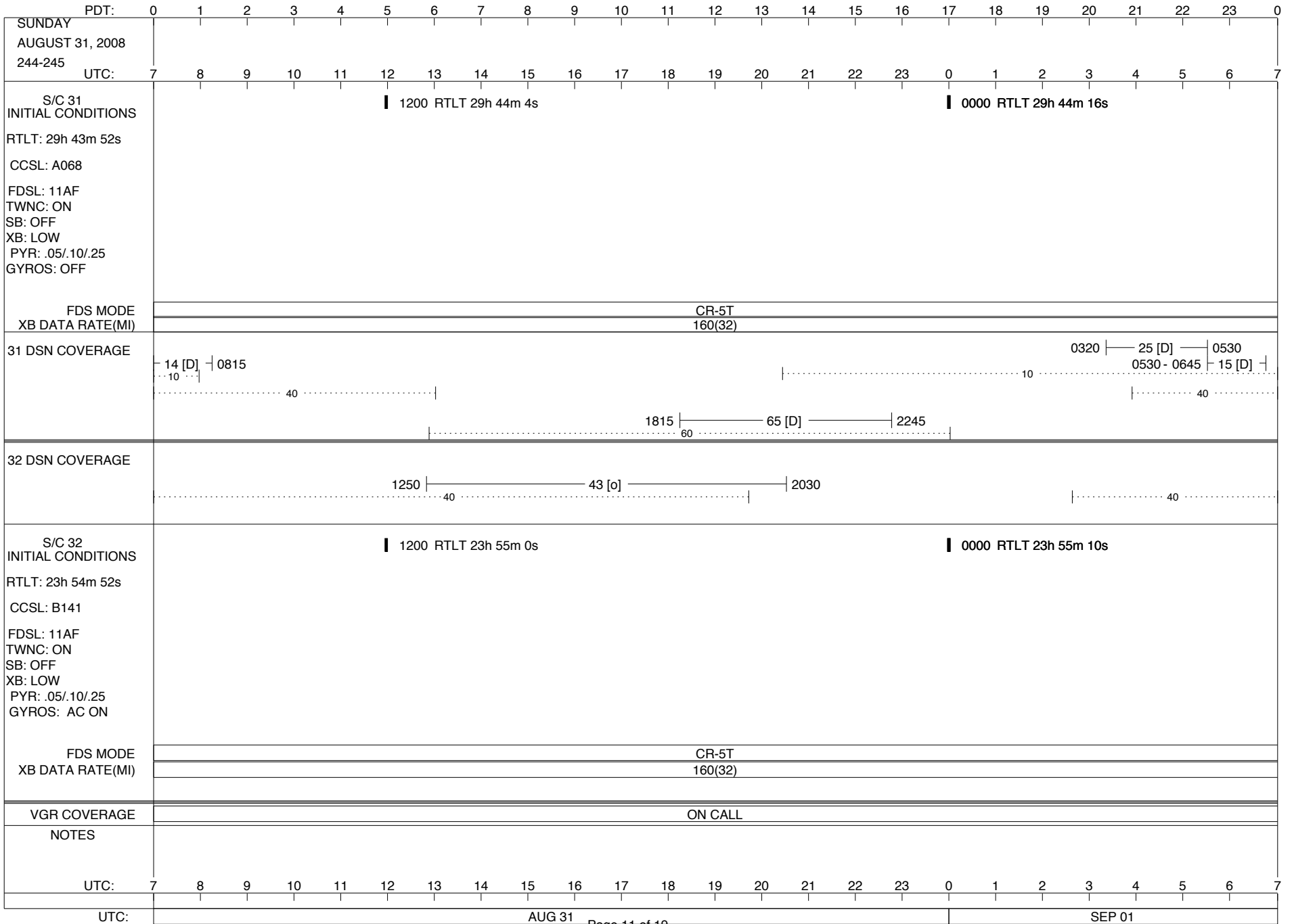
ISSUE DATE: 08/20/08 17:13



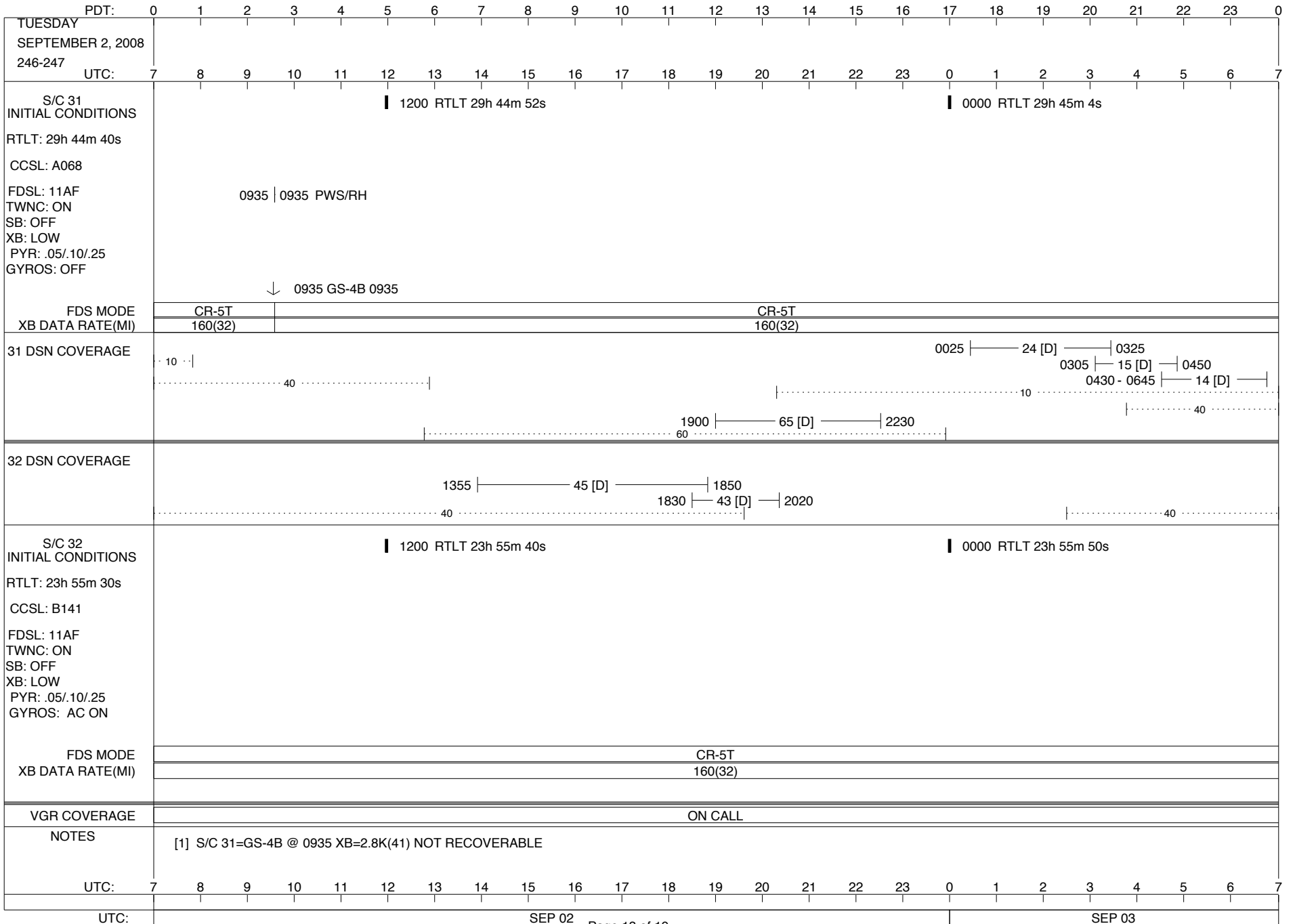




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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	
MONDAY SEPTEMBER 1, 2008 245-246																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 29h 44m 16s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200															█ 0000					
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE																					0025 - 0640					
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS RTLTL: 23h 55m 10s CCSL: B141 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON						█ 1200																█ 0000				
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	
UTC:	SEP 01													SEP 02												



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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

WEDNESDAY  
 SEPTEMBER 3, 2008  
 247-248

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 45m 4s  
 CCSL: A068  
 FDSL: 11AF  
 TWNC: ON  
 SB: OFF  
 XB: LOW  
 PYR: .05/.10/.25  
 GYROS: OFF

1200 RTLT 29h 45m 16s  
 0000 RTLT 29h 45m 28s

2145 DUMMY (03:31)

U/L 2320 | - | - - - - - TLC (SHORT-FORM) - - - - -

↓ 0045 GYROS AB ON  
 ↓ 0046 GYRO INIT  
 ↓ 0055 GYRO FAULT TEST

FDS MODE  
 XB DATA RATE(MI)

CR-5T  
 160(32)

31 DSN COVERAGE

10 40 1835 65 [D] 2105 2100 63 [T] 0035 2330 25 [D] 0515 40

32 DSN COVERAGE

1005 45 [D] 1805 1800 43 [B] 2020 40

S/C 32  
 INITIAL CONDITIONS  
 RTLT: 23h 55m 50s  
 CCSL: B141  
 FDSL: 11AF  
 TWNC: ON  
 SB: OFF  
 XB: LOW  
 PYR: .05/.10/.25  
 GYROS: AC ON

1200 RTLT 23h 56m 0s  
 0000 RTLT 23h 56m 12s

1857 DUMMY (5 MIN BRACKETED 18:54)

↓ 1912 GYRO INIT

FDS MODE  
 XB DATA RATE(MI)

CR-5T  
 160(32)

VGR COVERAGE

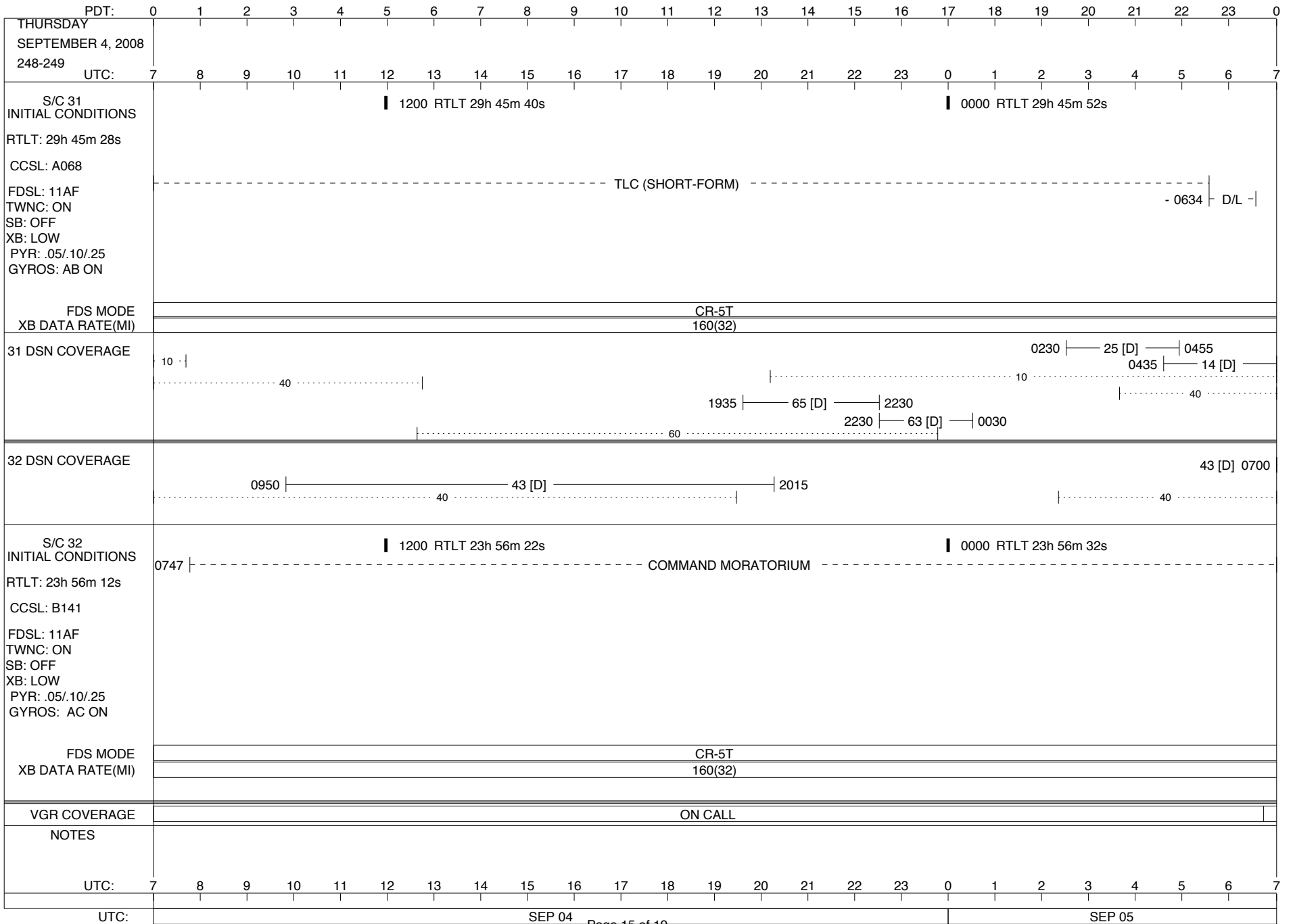
ON CALL VGR VGR ON CALL VGR ON CALL

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 03 SEP 04

ISSUE DATE: 08/20/08 17:13

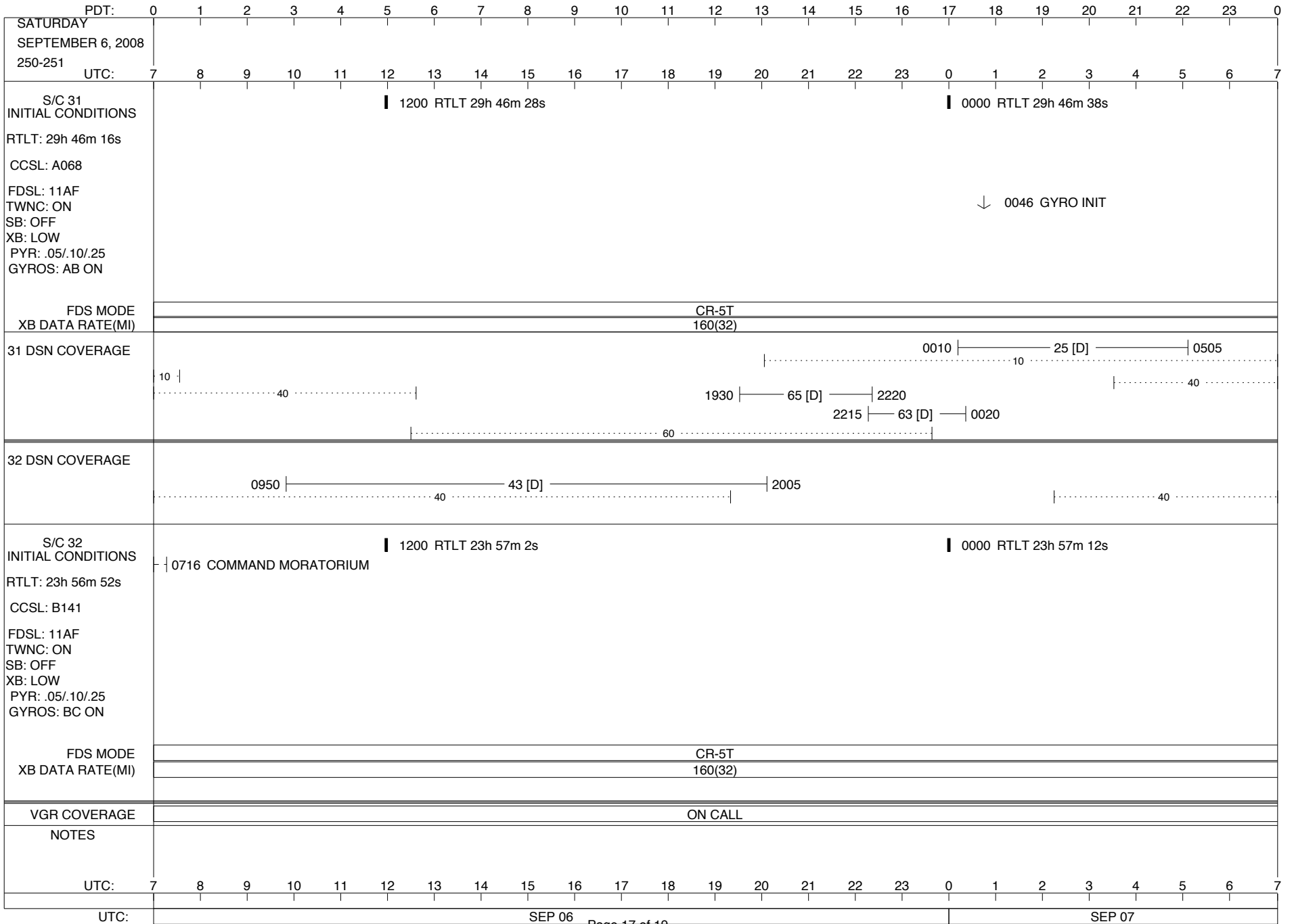


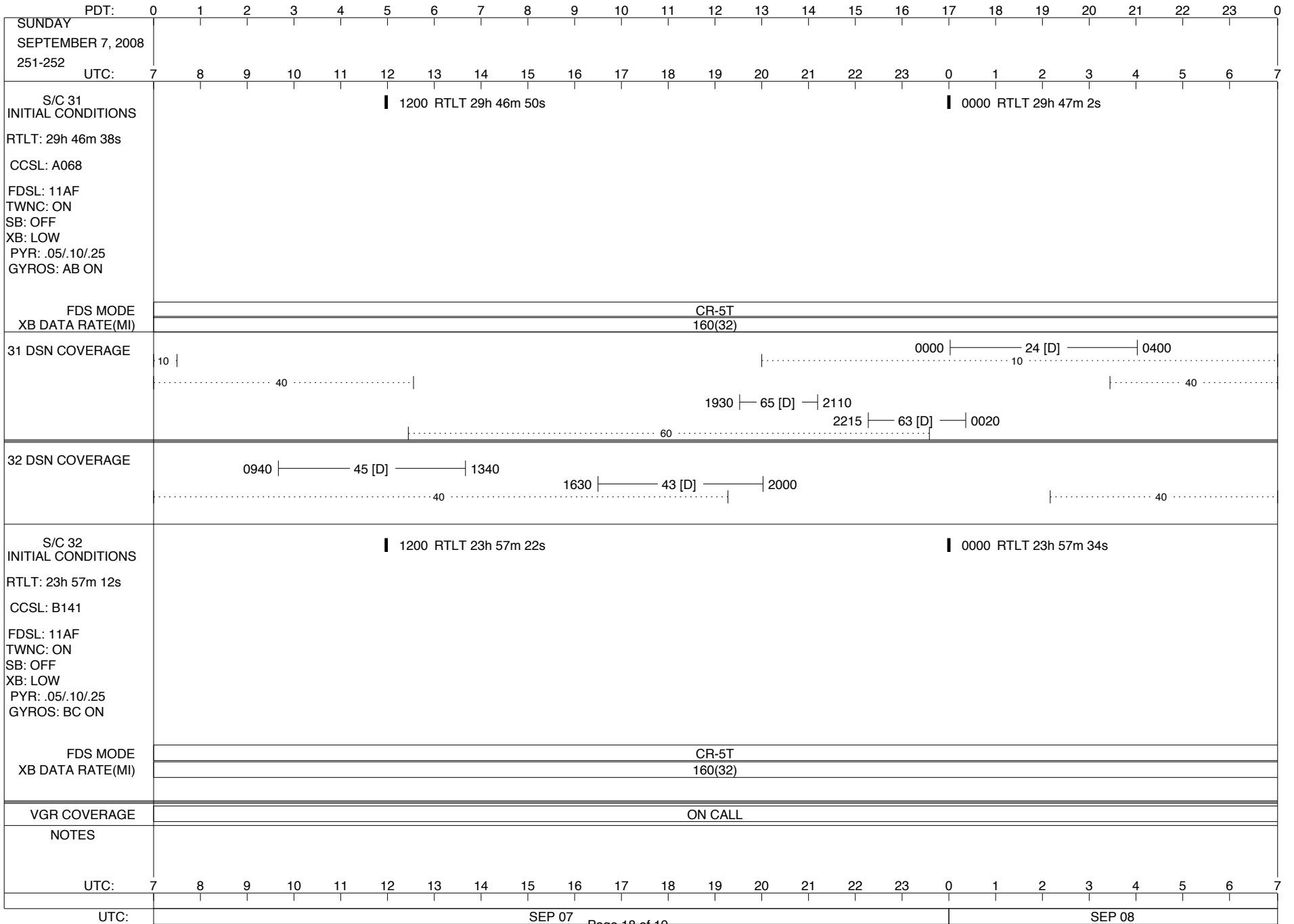


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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
FRIDAY SEPTEMBER 5, 2008 249-250																									
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S/C 31 INITIAL CONDITIONS RTLTL: 29h 45m 52s CCSL: A068 FDSL: 11AF TWNC: 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													
	10   40											1735   65 [D]   2225 60													
32 DSN COVERAGE	43 [D]   0700 - 1055											1145   45 [D]   1810													
	40											40													
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																								
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																								
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 05																	SEP 06							

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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 8, 2008 252-253																											
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 47m 2s CCSL: A068 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AB ON	<p style="text-align: center;">█ 1200 RTLT 29h 47m 14s</p>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<p>10  </p> <p>..... 40 .....</p> <p>..... 1925  ----- 65 [D] -----  2215</p> <p>..... 60 .....</p>																										
32 DSN COVERAGE	<p>1000  ----- 45 [D] -----  1840</p> <p>..... 40 .....</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 23h 57m 34s CCSL: B141 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	<p style="text-align: center;">█ 1200 RTLT 23h 57m 44s</p> <p style="text-align: center;">↓ 1701 BAY 1 HTR OFF ↓ 1705 X/B HI POWER</p>																										
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:	SEP 08													SEP 09													