

<b>VOYAGER</b> <b>Space Flight Operations Schedule (SFOS)</b>
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Issue Date: June 28, 2017

For the Period: 06/29/17 to 07/23/17 (17/180 – 17/204)

DSN OPSCHIEF	230-102	SCIENCE	FLIGHT TEAM	600-100
DSOT	230-102	CRS bryant@mail630.gsfc.nasa.gov LECP r.decker@jhuapl.edu MAG u2mha@lepvax.gsfc.nasa.gov PLS vgr@space.mit.edu PWS wsk@space.physics.uiowa.edu Leonard.F.Burlaga@nasa.gov Donald-Gurnett@uiowa.edu	Dodd, S. Hall, J. Howard, S. Ko, A. Ledeboer, W. Ludwig, R. Matsumoto, S. Medina, E. Peralta, F. Weeks, T. Yang, L.	

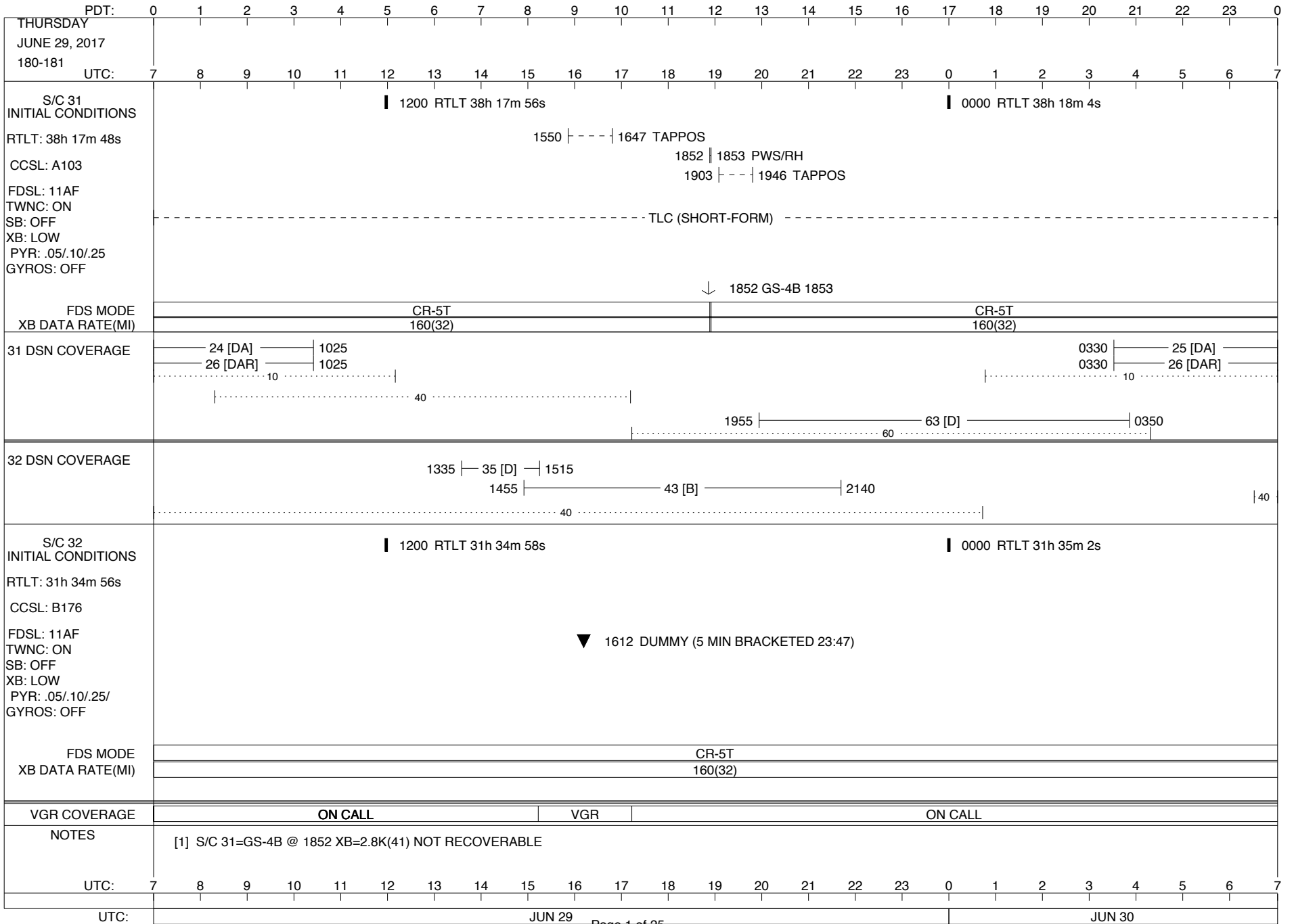
**LEGEND:**

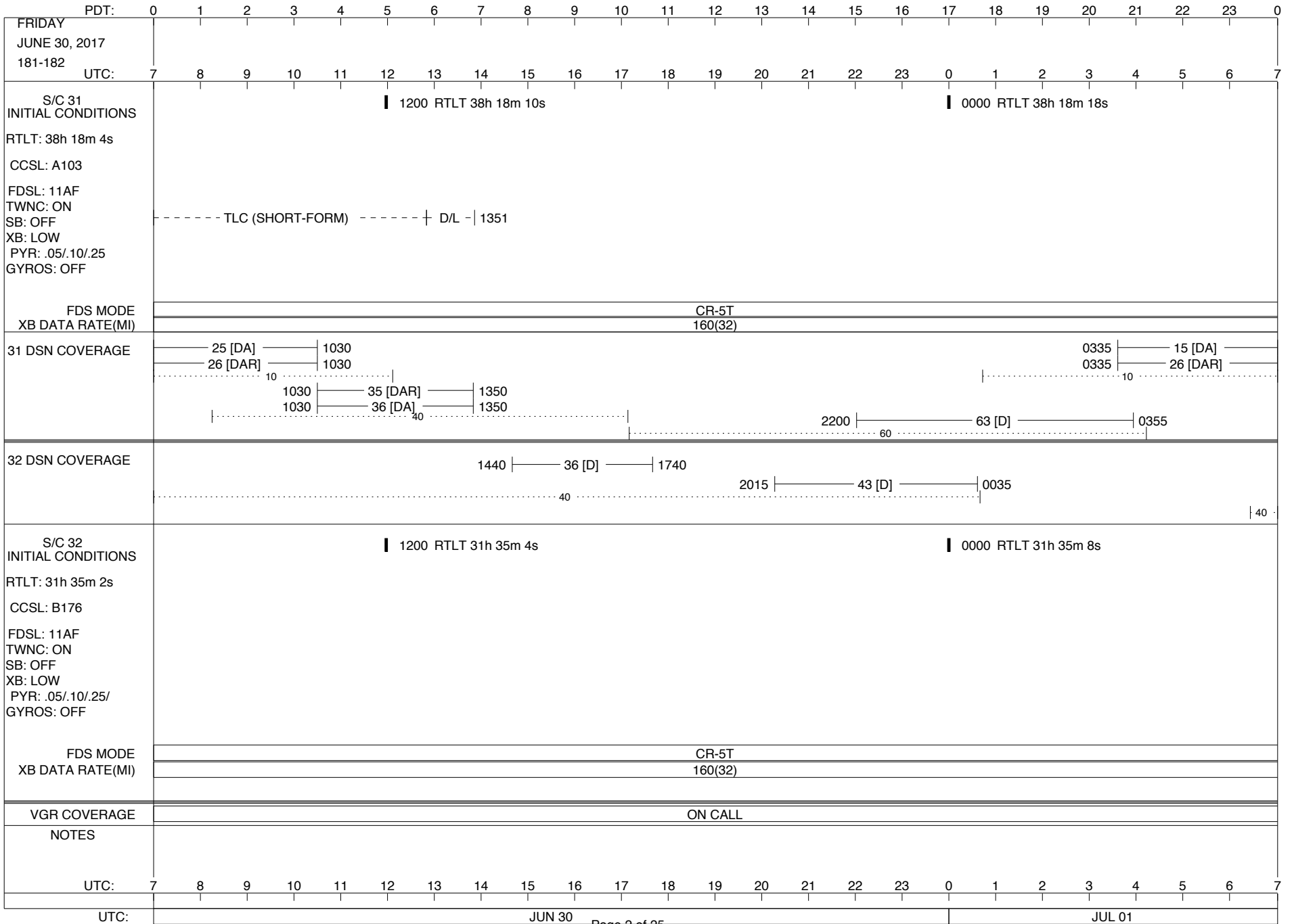
- ∇ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- \* = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
-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

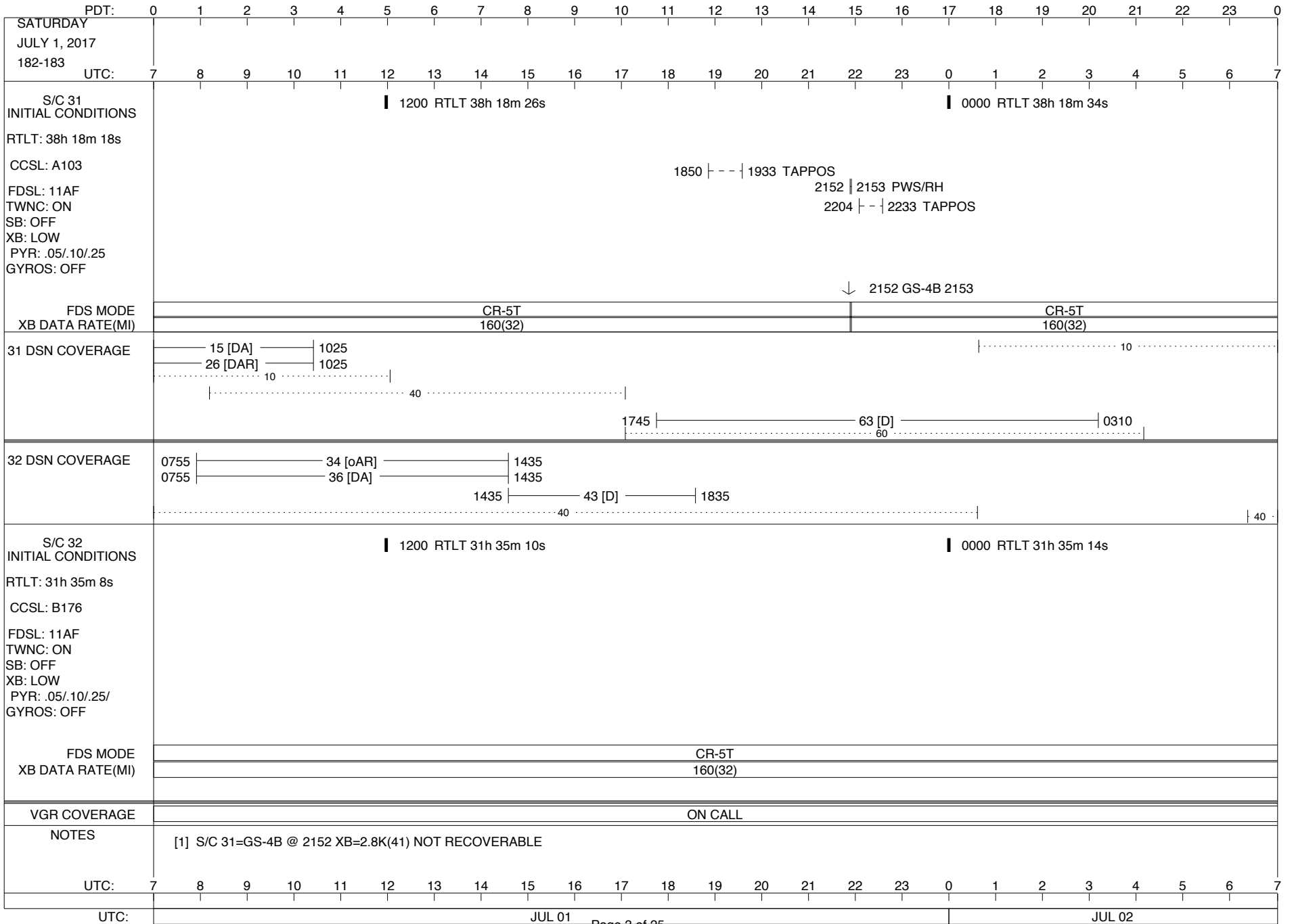
Posted at [http://voyager.jpl.nasa.gov/mission/soesfos/tracking\\_schedule.html](http://voyager.jpl.nasa.gov/mission/soesfos/tracking_schedule.html)

02/27/17

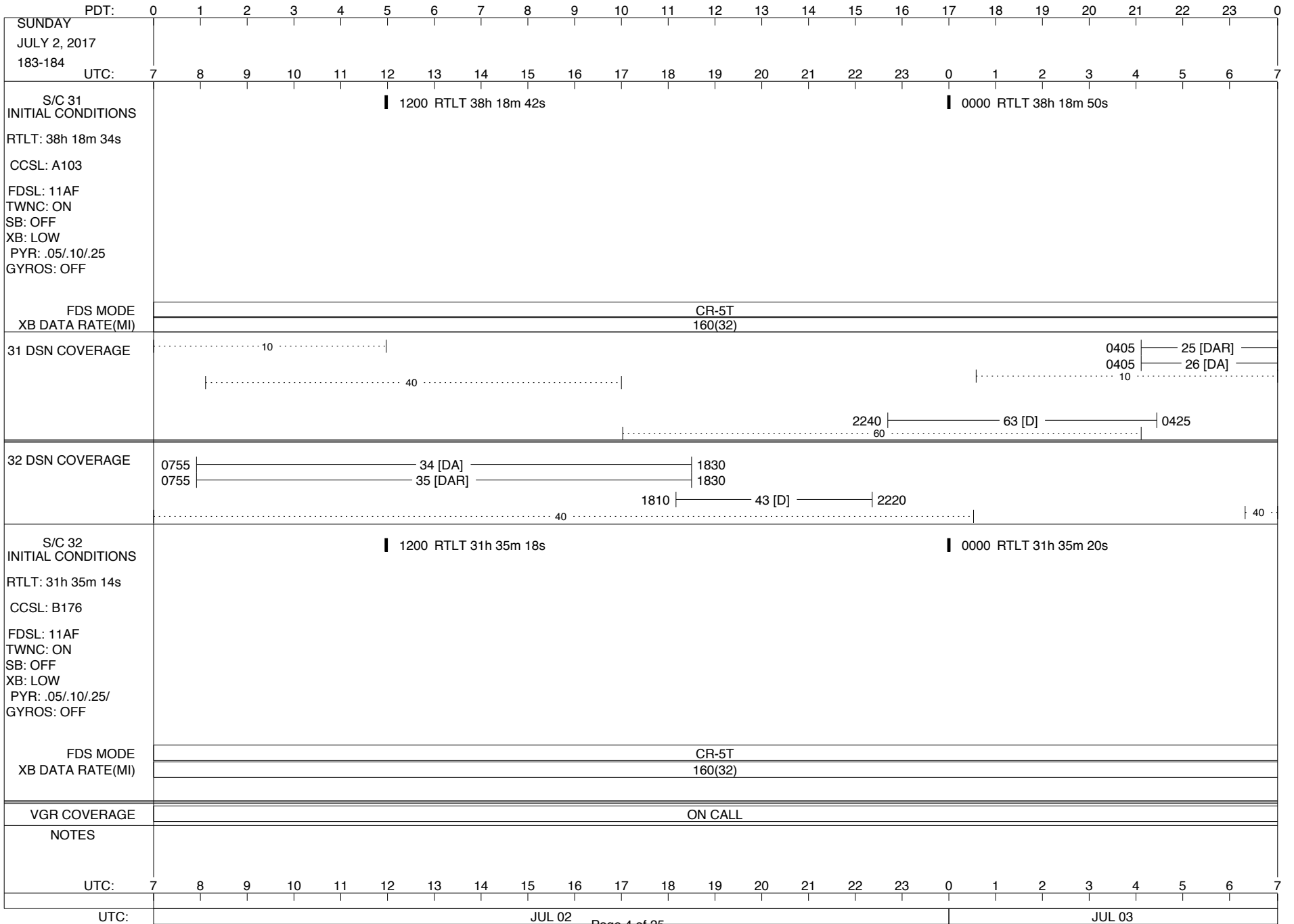
ISSUE DATE: 06/30/17 12:42







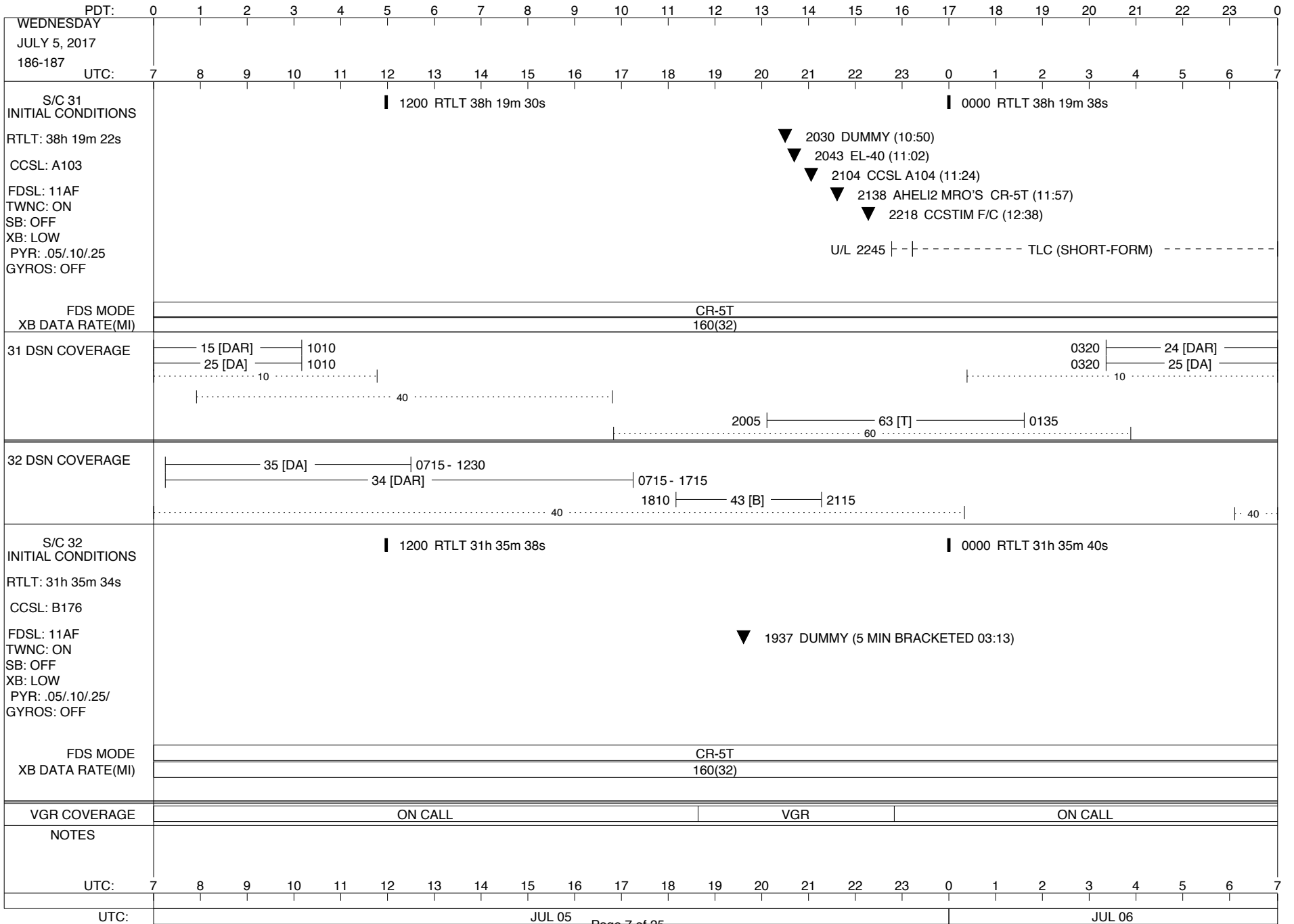
ISSUE DATE: 06/30/17 12:42



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MONDAY JULY 3, 2017 184-185																										
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: 38h 18m 50s CCSL: A103 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 38h 18m 58s												0000 RTLT 38h 19m 6s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	25 [DAR]   0825 26 [DAR]   0825 10 ..... 0805   43 [D]   1120 40 ..... ..... 60 .....												0210   25 [DA] 0210   26 [DAR] ..... 10 .....													
32 DSN COVERAGE	0755   34 [DA]   1205 0755   35 [DAR]   1205 1205   43 [D]   2025 ..... 40 .....												40 ..													
S/C 32 INITIAL CONDITIONS RTLT: 31h 35m 20s CCSL: B176 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 31h 35m 24s												0000 RTLT 31h 35m 26s													
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:	JUL 03													JUL 04												

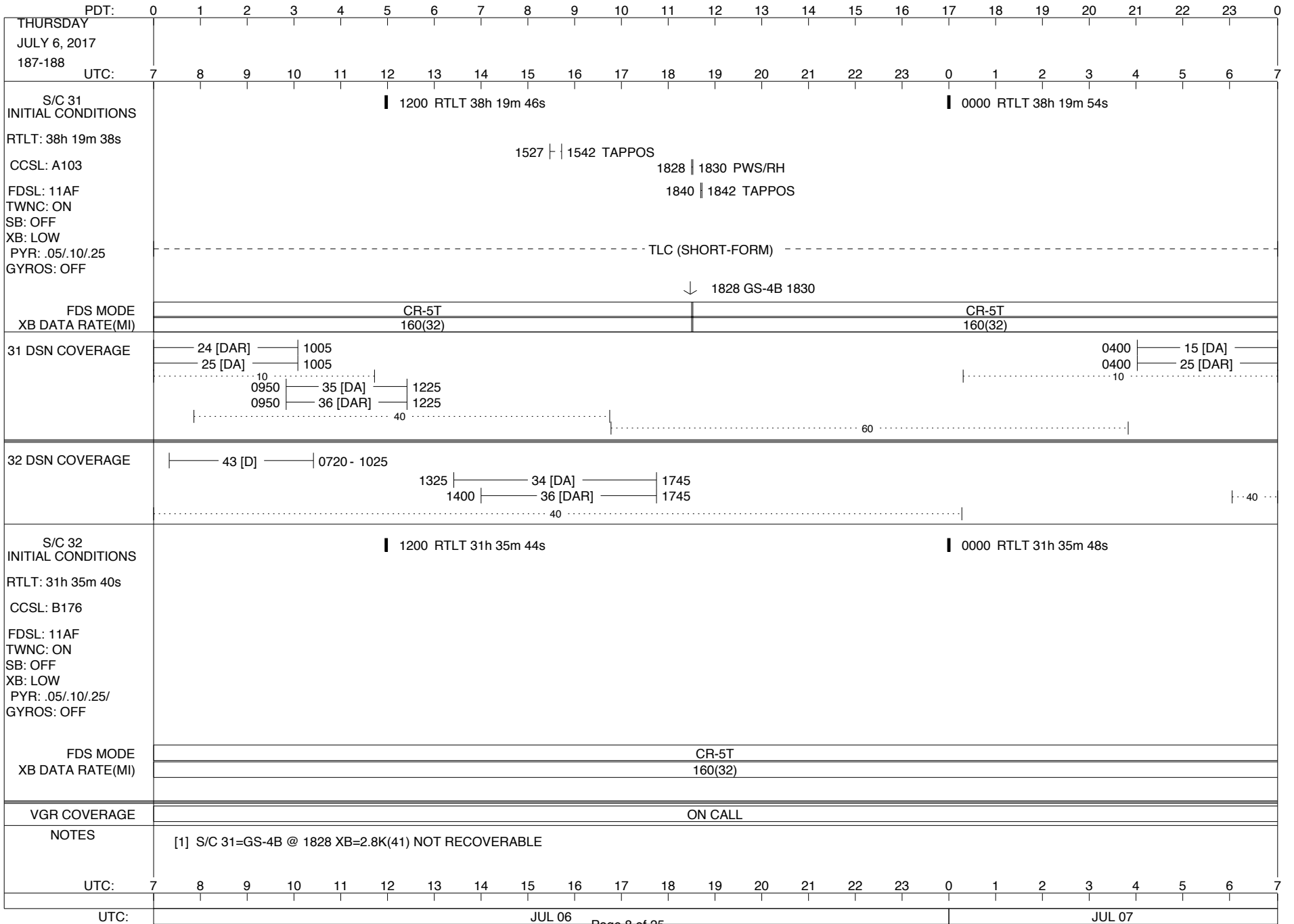
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TUESDAY JULY 4, 2017 185-186																									
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S/C 31 INITIAL CONDITIONS RTLTL: 38h 19m 6s CCSL: A103 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 38h 19m 14s												█ 0000 RTLTL 38h 19m 22s												
	1215   1216 PWS/RH																								
	↓ 1215 GS-4B 1216																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	25 [DA] ———— 1010 26 [DAR] ———— 1010 ..... 10 .....   ..... 40 ..... ..... 60 .....										0300   ..... 15 [DAR] ..... 0300   ..... 25 [DA] ..... ..... 10 .....														
32 DSN COVERAGE	0755   ..... 35 [DAR] ..... 1240 0755   ..... 34 [DA] ..... 1645 ..... 1625   ..... 43 [D] ..... 2140 ..... 40 .....												..... 60 ..... ..... 40 .....												
S/C 32 INITIAL CONDITIONS RTLTL: 31h 35m 26s CCSL: B176 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLTL 31h 35m 30s												█ 0000 RTLTL 31h 35m 34s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1215 XB=2.8K(41) NOT RECOVERABLE <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:	JUL 04												JUL 05												

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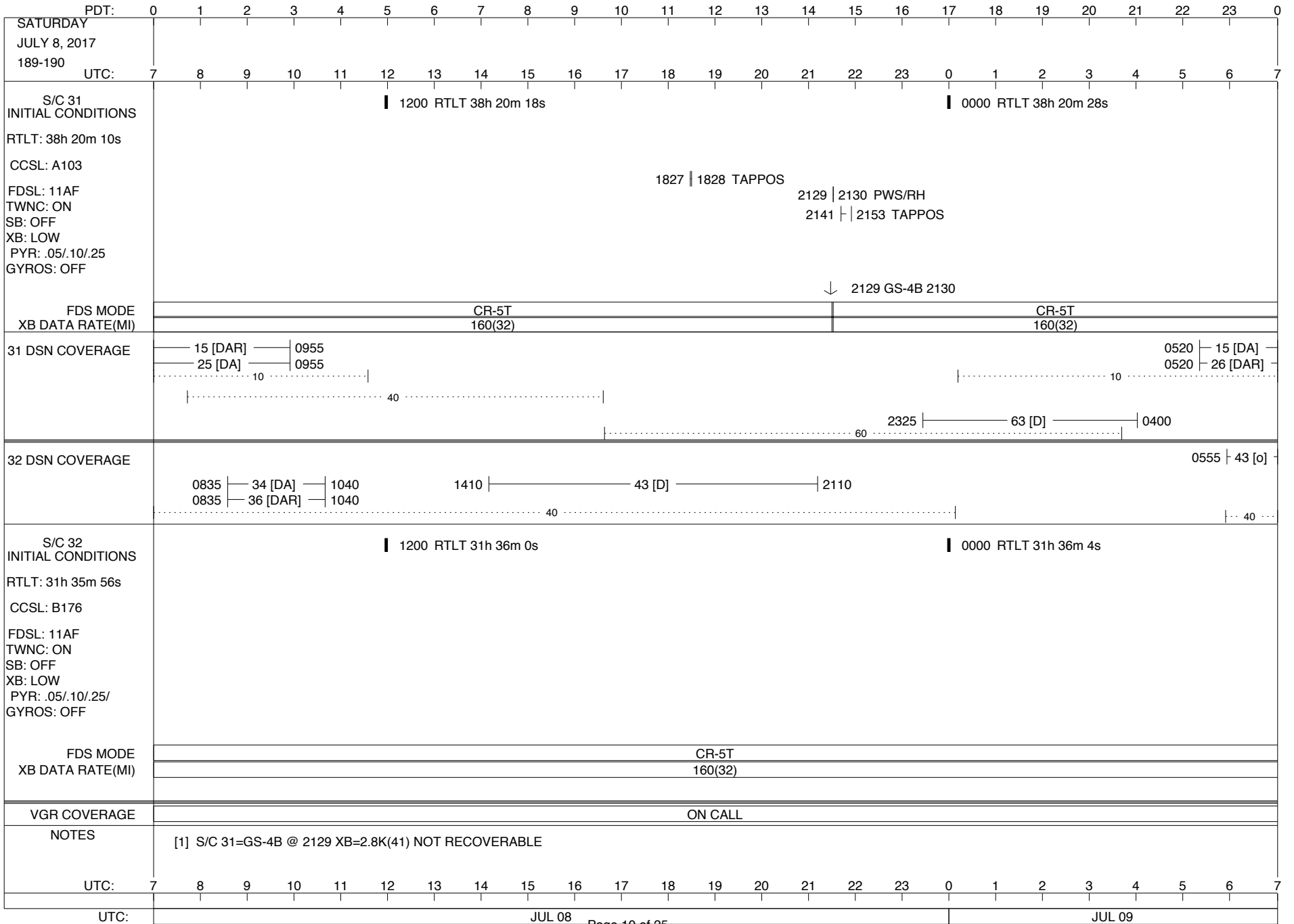


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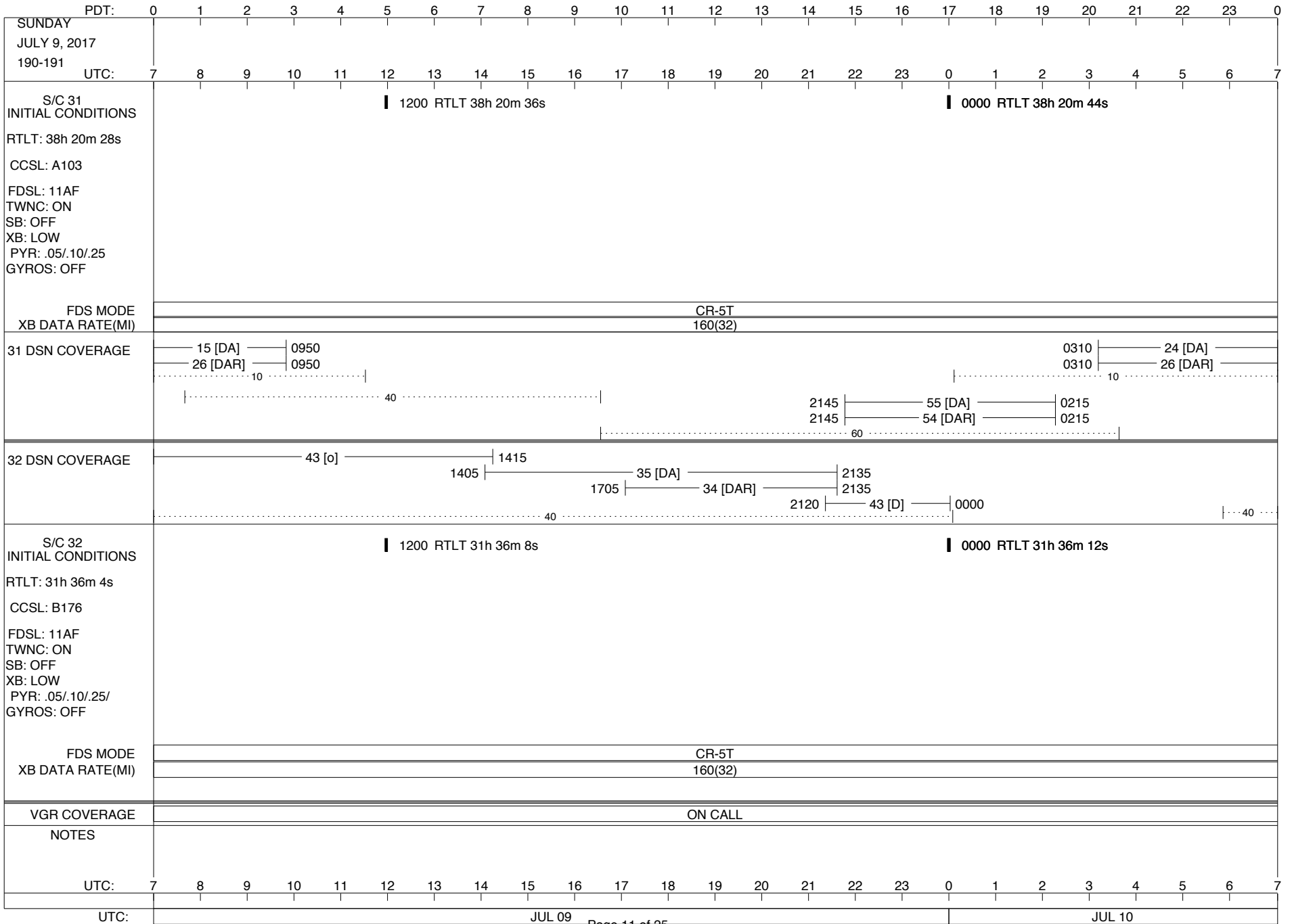


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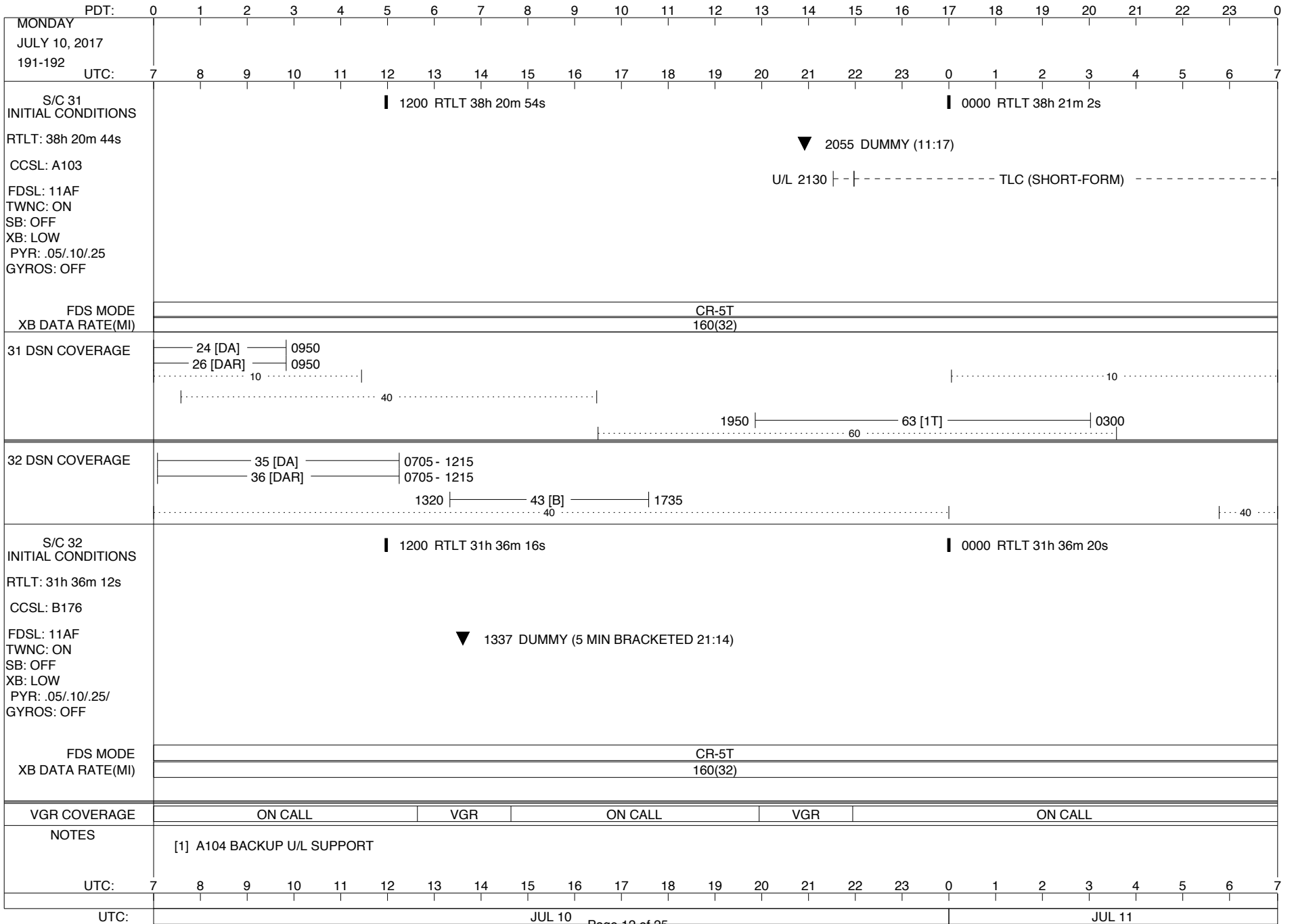
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FRIDAY JULY 7, 2017 188-189																													
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S/C 31 INITIAL CONDITIONS RTLT: 38h 19m 54s CCSL: A103 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		<p>1200 RTLT 38h 20m 2s   0000 RTLT 38h 20m 10s</p> <p>1138 * 1144 A104 CHKSUM</p> <p>1159 * 1200 2 AHELI2 SID MRO'S</p> <p>1239 * 1246 CCSTIM FINE</p> <p>1339 * 1342 CCSTIM COARSE</p> <p>----- TLC (SHORT-FORM) -----   D/L -   1433</p> <p>EL-40 1103 * ↓   1203 CR-5T</p>																											
FDS MODE		CR-5T							EL-40							CR-5T													
XB DATA RATE(MI)		160(32)							40(30)							160(32)													
31 DSN COVERAGE		<p>15 [DA]   0945   0345   15 [DAR]</p> <p>25 [DAR]   0945   0345   25 [DAR]</p> <p>10   0945   34 [DA]   1440   60   2115   63 [D]   0405</p> <p>0945   35 [DAR]   1440</p>																											
32 DSN COVERAGE		<p>1300   36 [D]   1745</p> <p>1745   43 [D]   2225</p> <p>40   ... 40 ...</p>																											
S/C 32 INITIAL CONDITIONS RTLT: 31h 35m 48s CCSL: B176 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF		<p>1200 RTLT 31h 35m 52s   0000 RTLT 31h 35m 56s</p>																											
FDS MODE		CR-5T																											
XB DATA RATE(MI)		160(32)																											
VGR COVERAGE		ON CALL							VGR							ON CALL													
NOTES		<p>[1] S/C 31=EL-40 @ 1103 XB=40(30)</p> <p>[2] S/C 31=CR-5T @ 1203 XB=160(32)</p>																											
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UTC:		JUL 07														JUL 08													



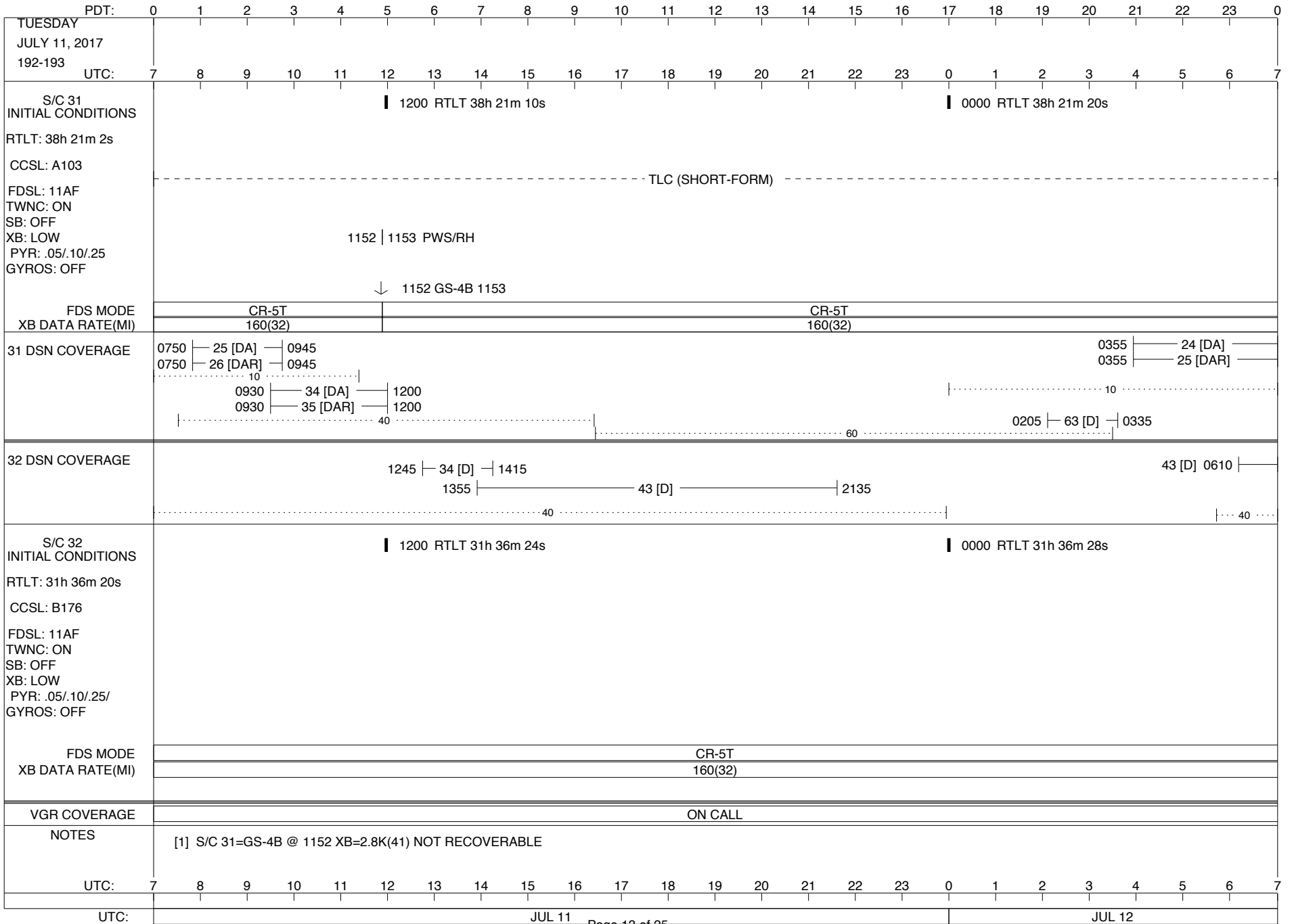
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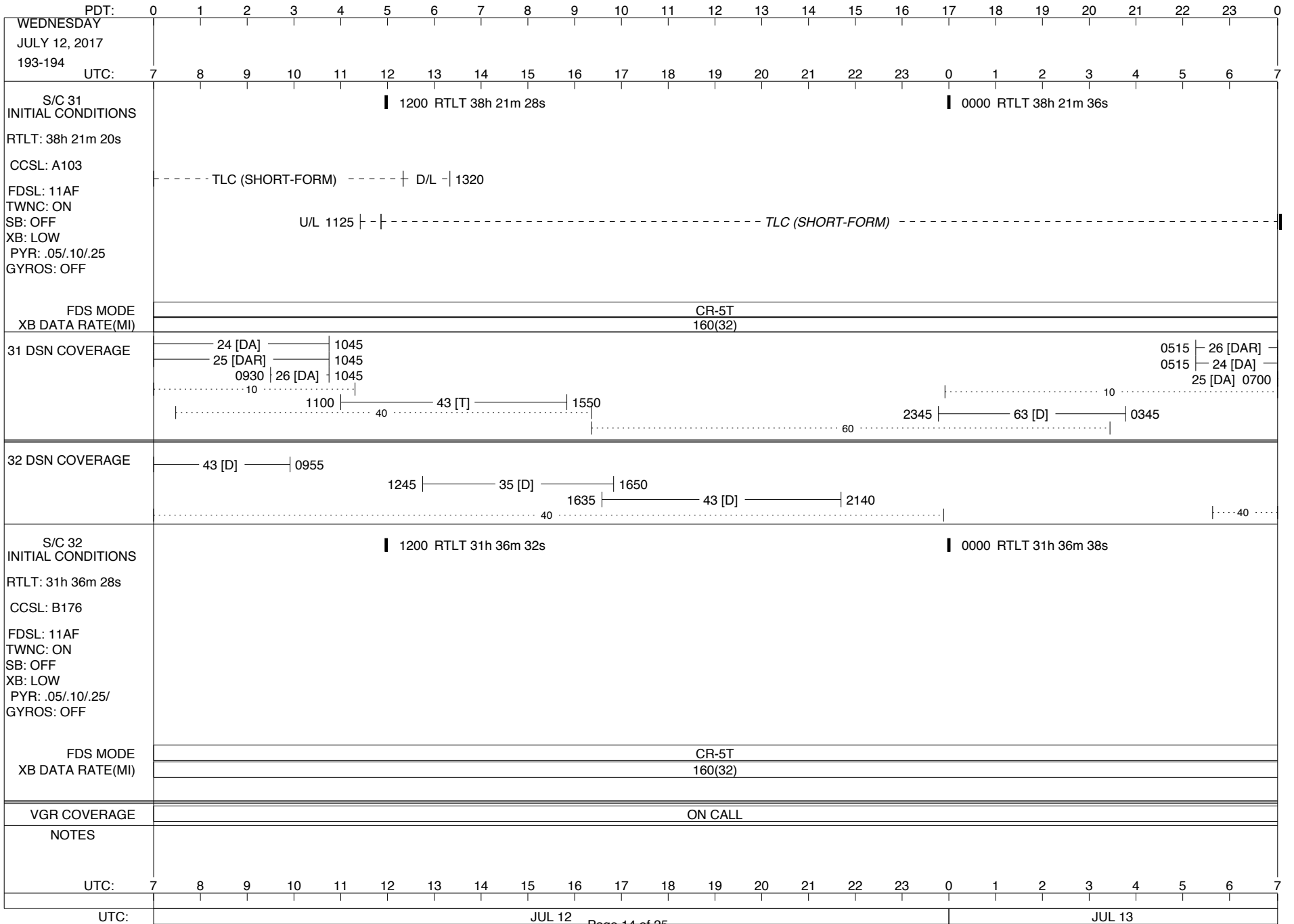


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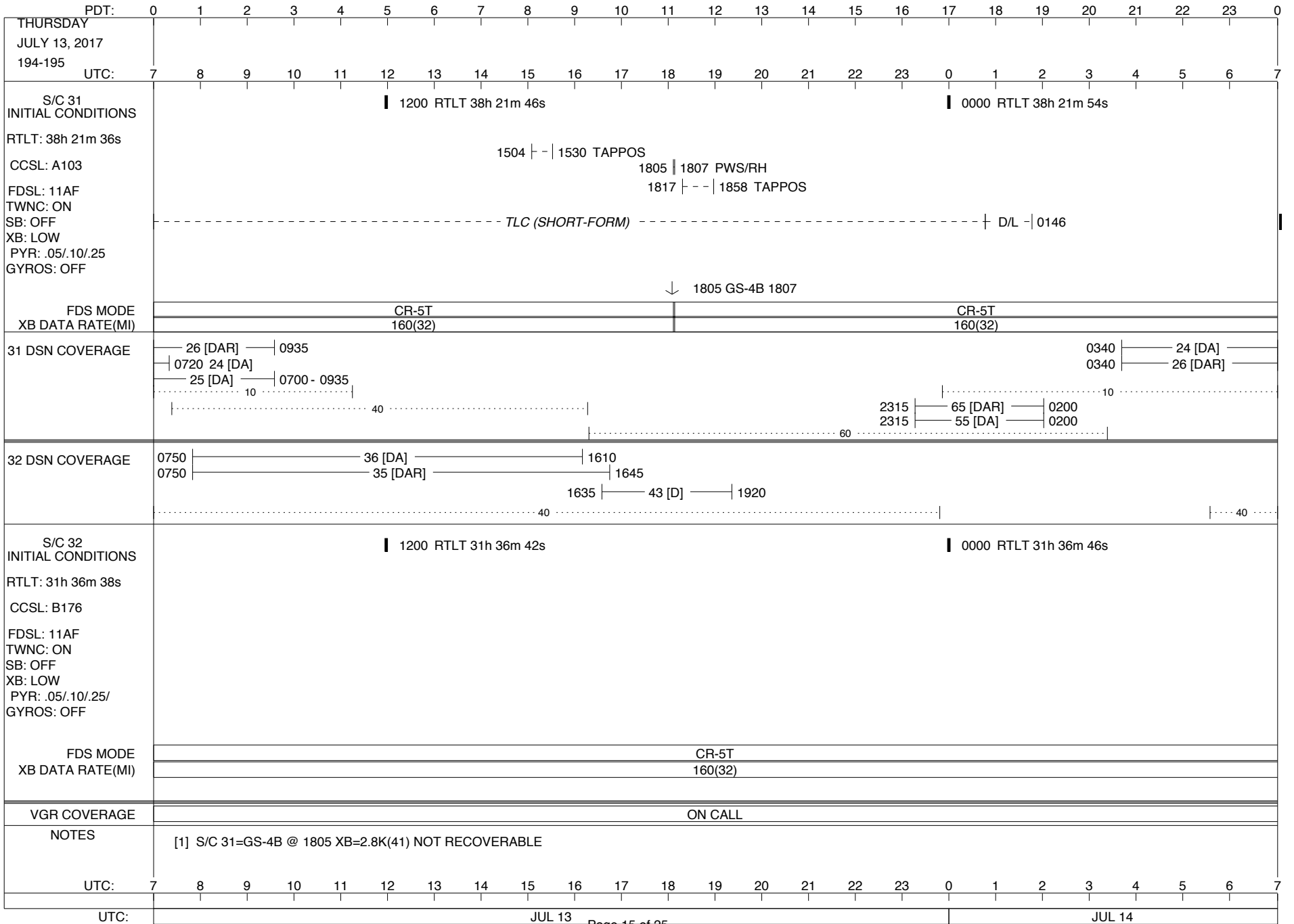


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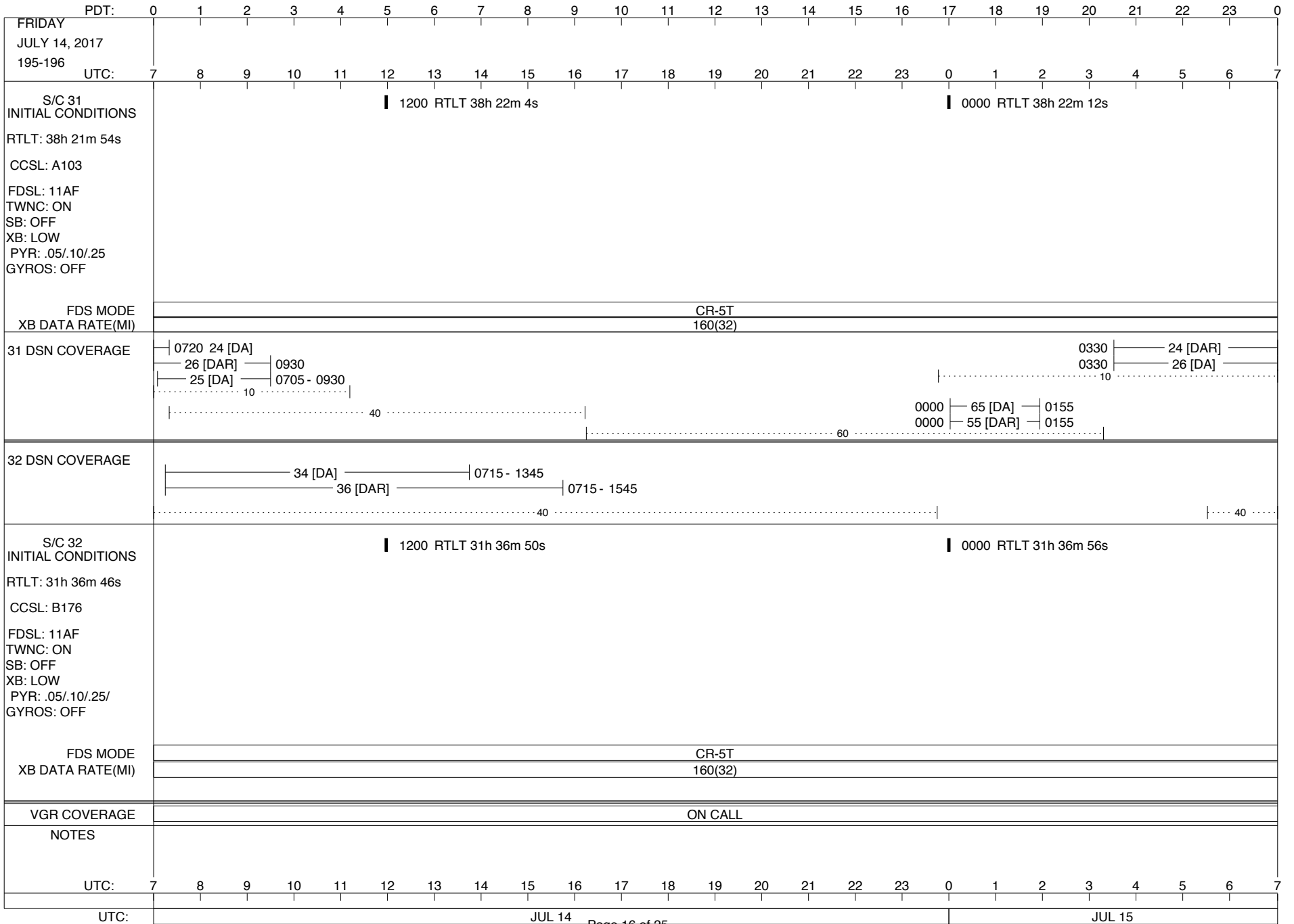


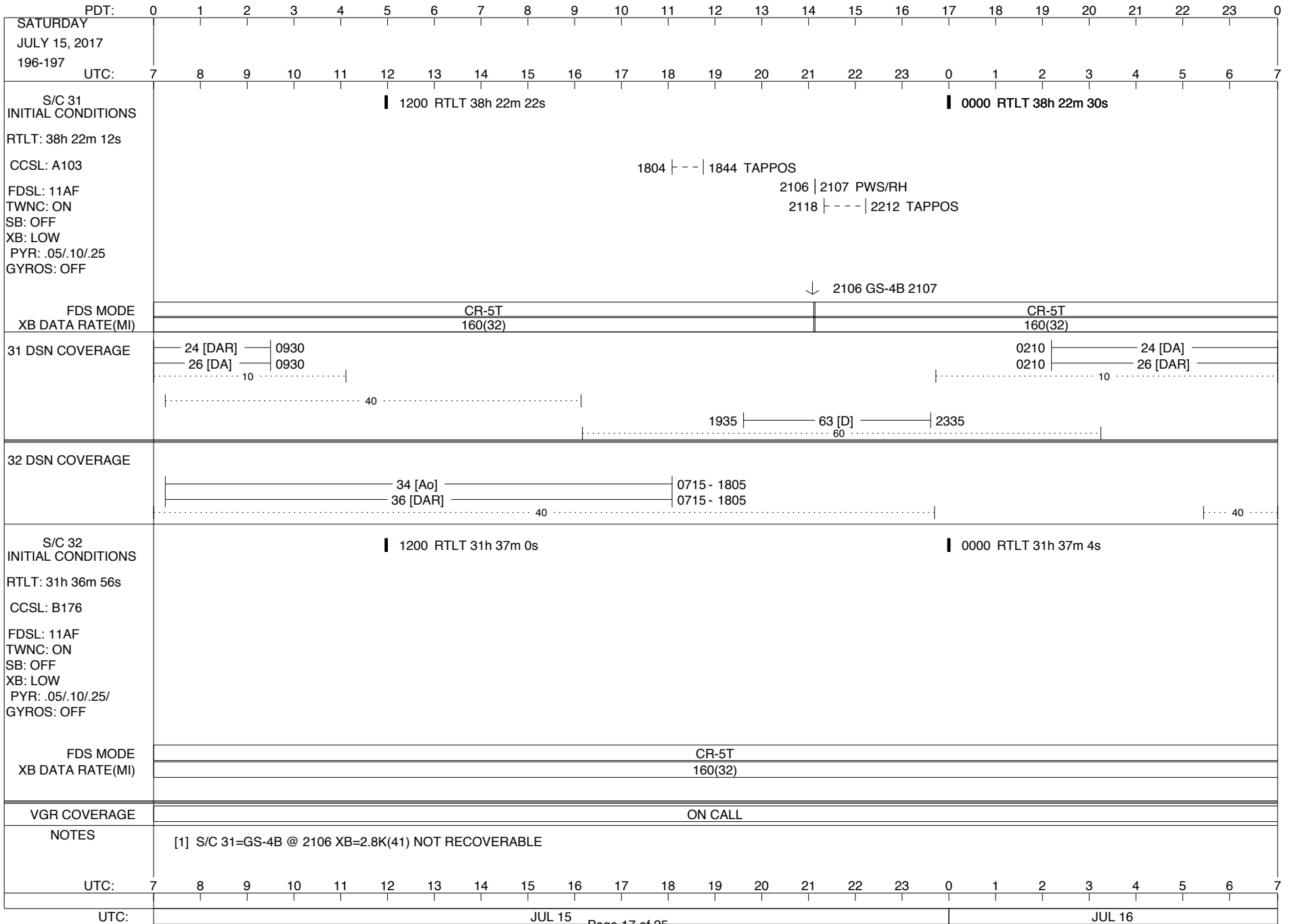


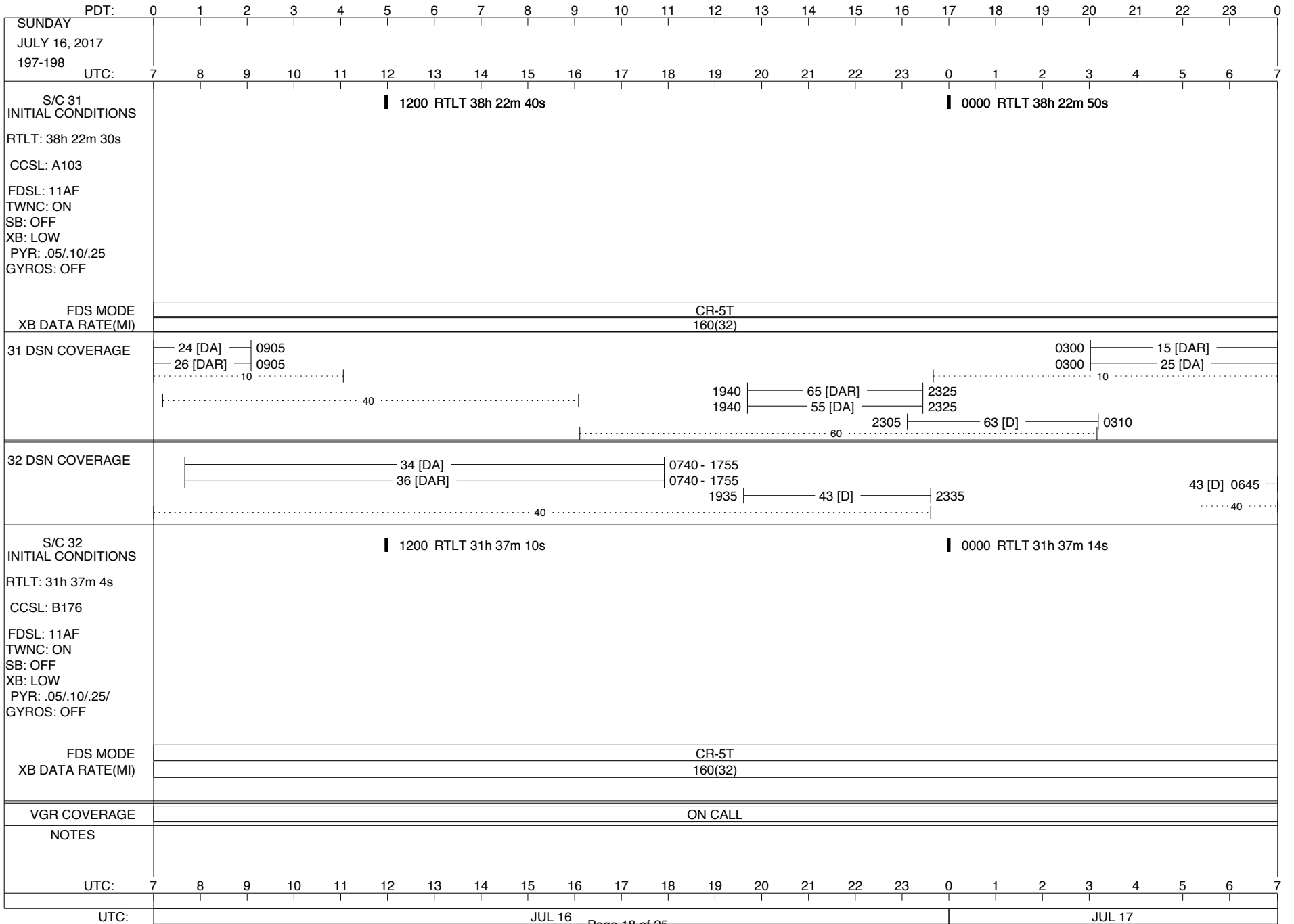
ISSUE DATE: 06/30/17 12:42



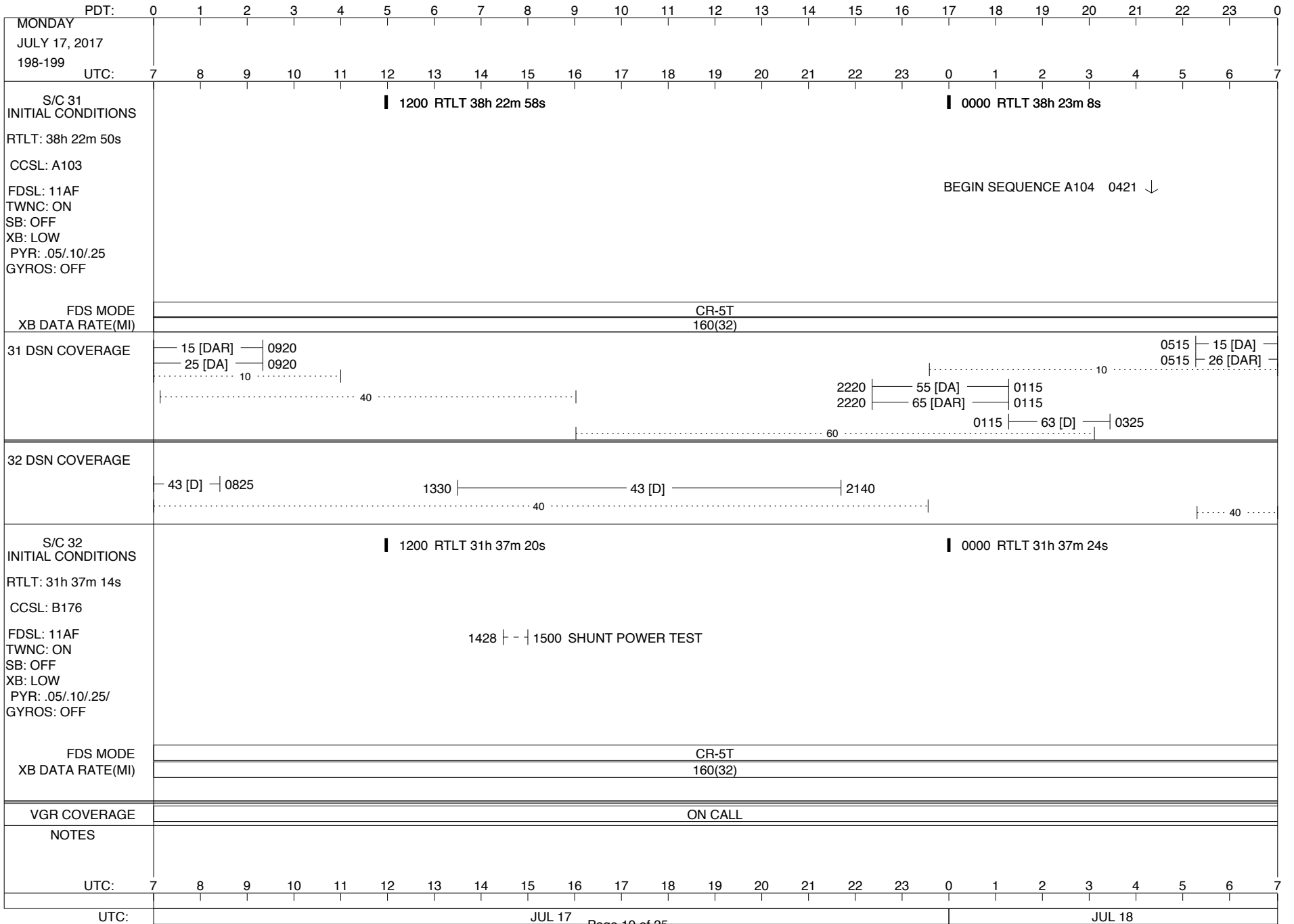




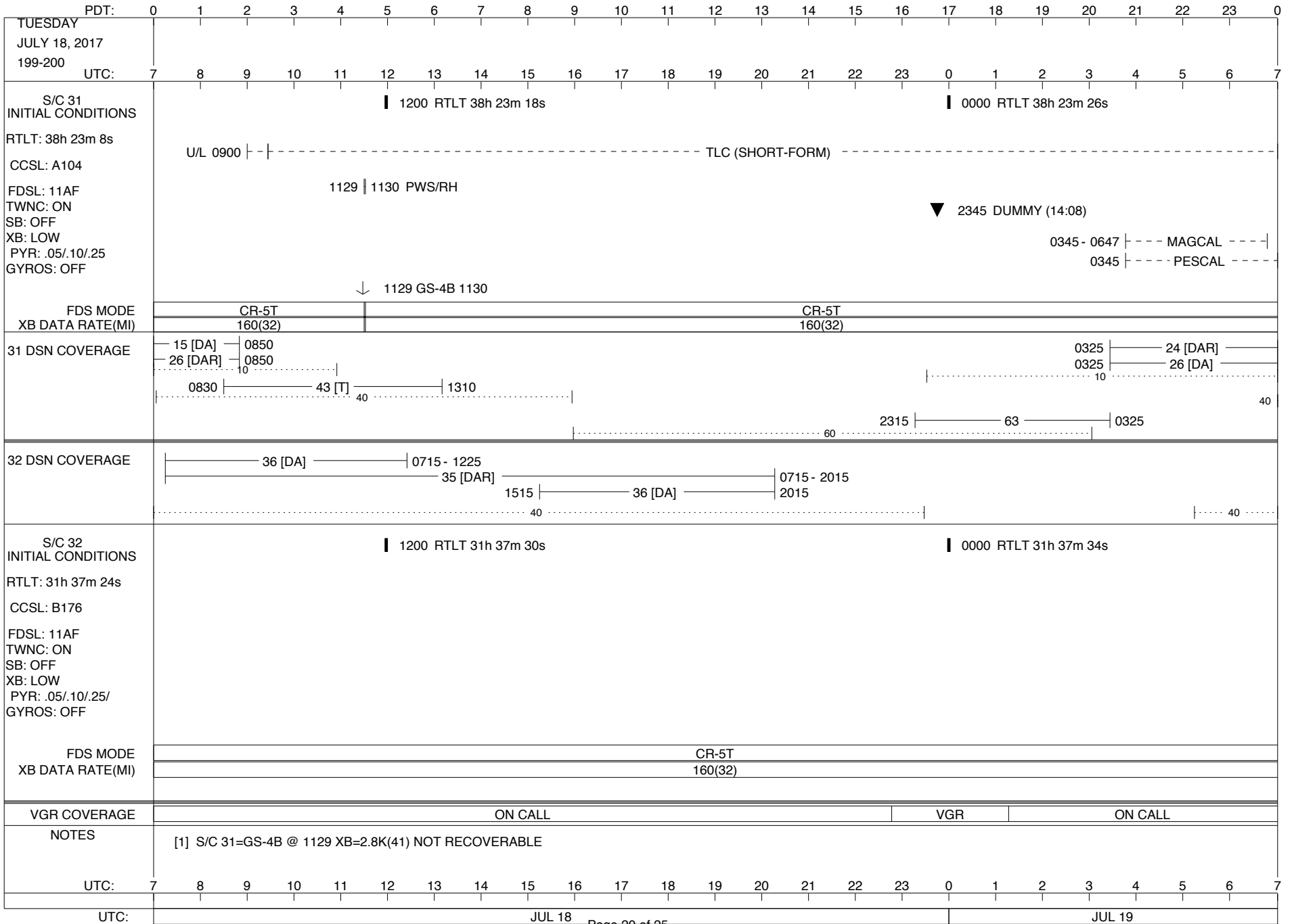




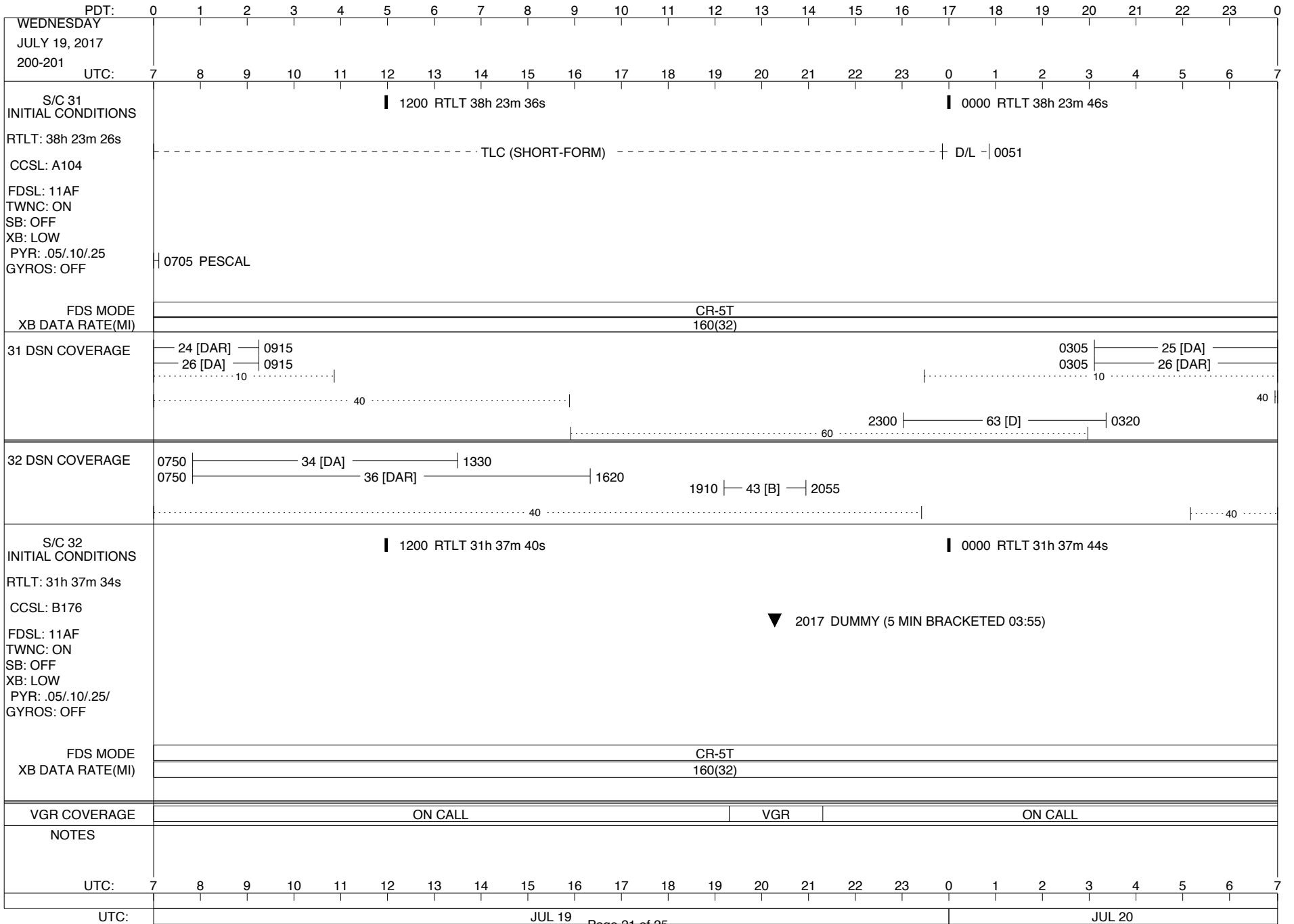
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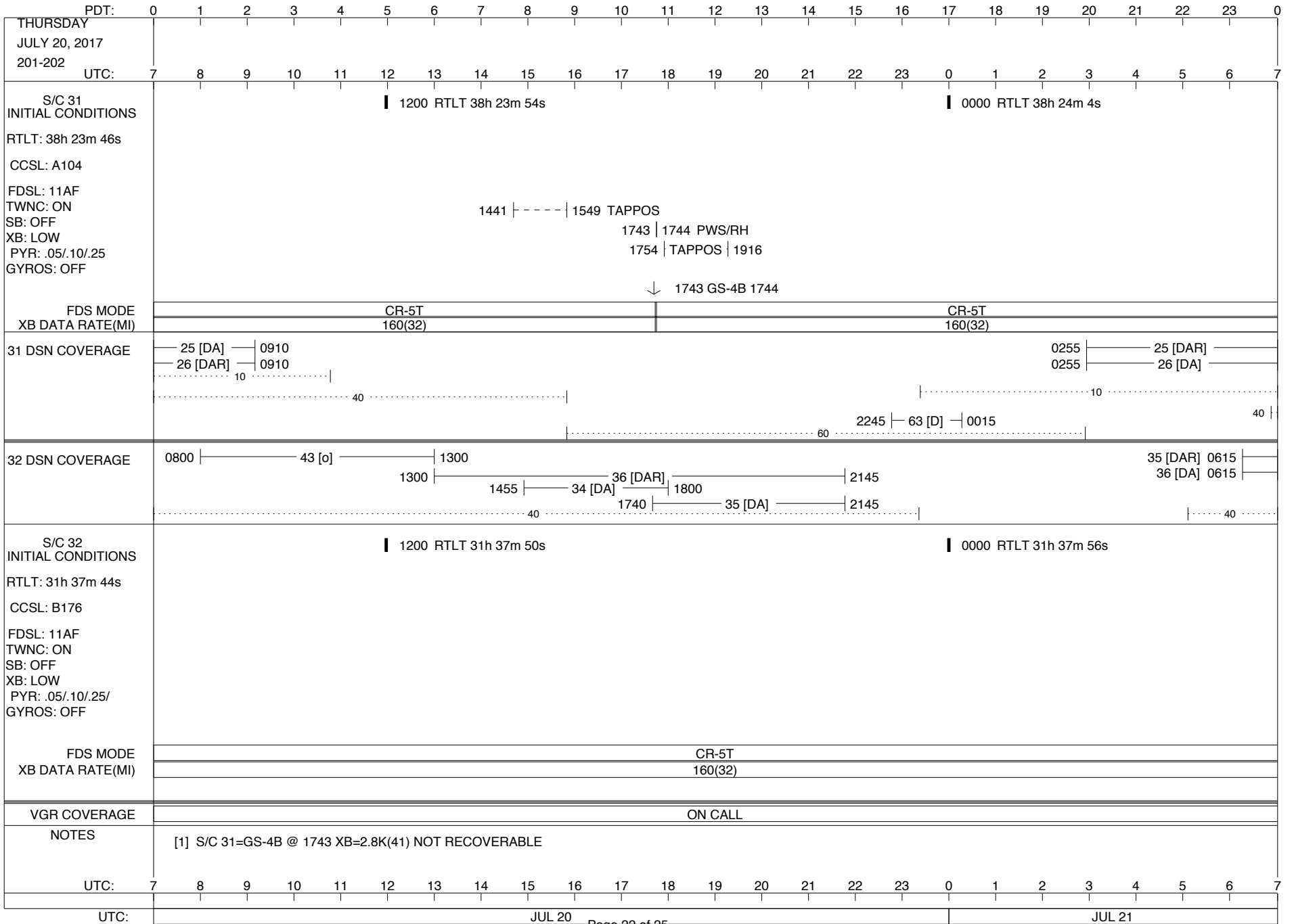


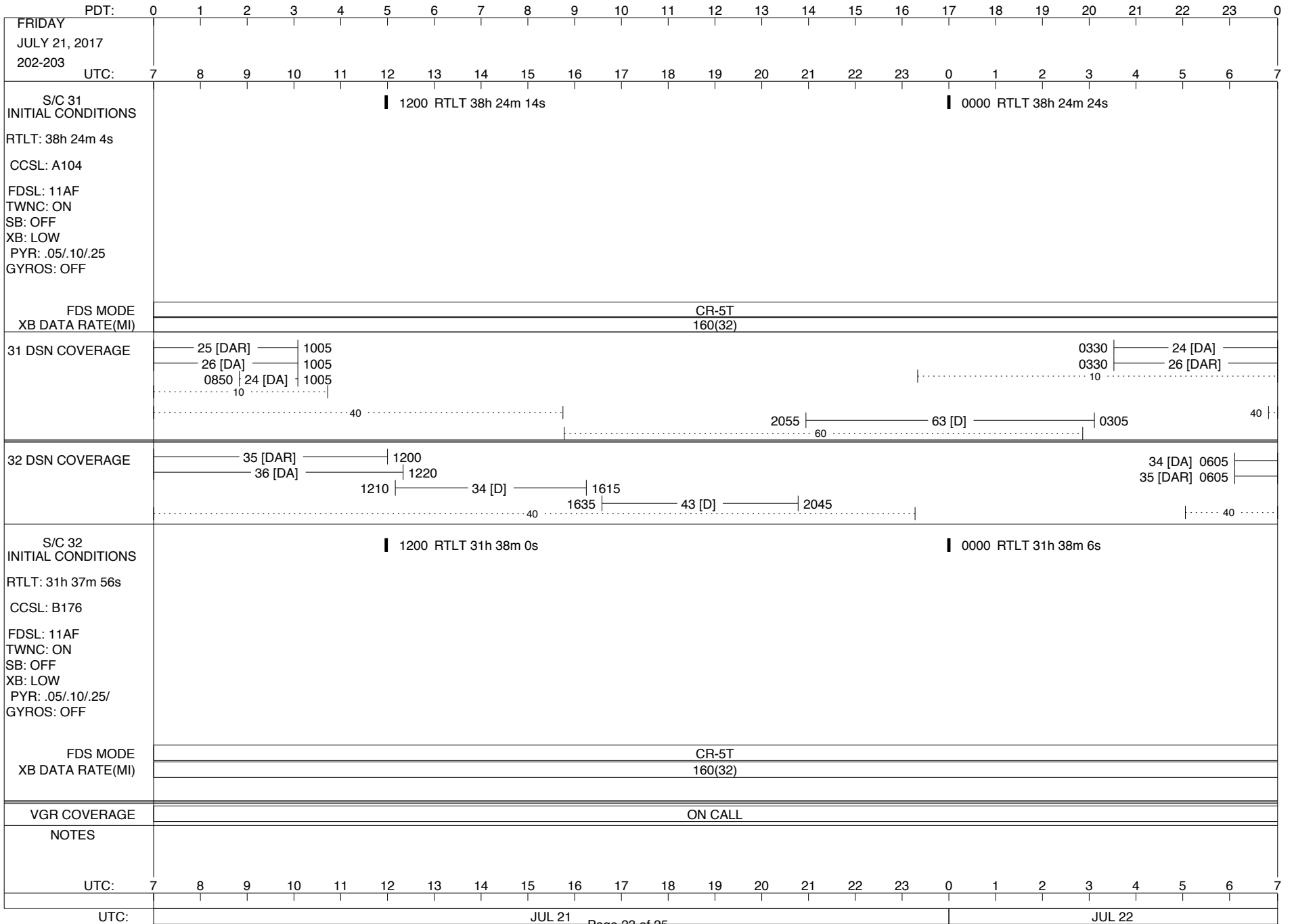
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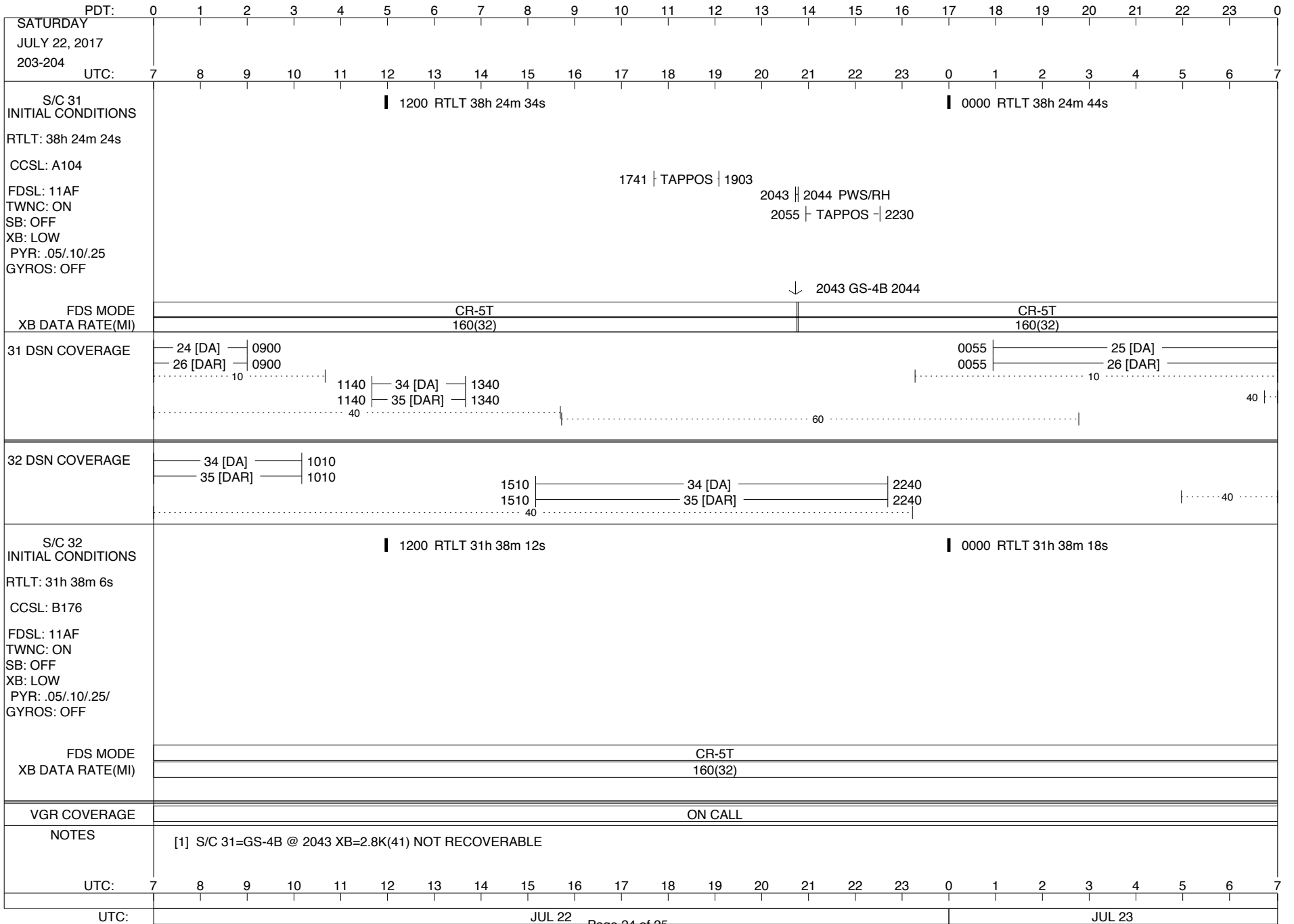








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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0		
SUNDAY JULY 23, 2017 204-205																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 38h 24m 44s CCSL: A104 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">  1200 RTLT 38h 24m 54s</p>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<p>— 25 [DA] —  0855 — 26 [DAR] —  0855 ..... 10 .....  ..... 40 ..... </p>																										
32 DSN COVERAGE	<p>..... 1120   ..... 43 [D] .....  2115 ..... 40 ..... </p>																										
S/C 32 INITIAL CONDITIONS RTLT: 31h 38m 18s CCSL: B176 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<p style="text-align: center;">  1200 RTLT 31h 38m 22s</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:	JUL 23													JUL 24													