

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: August 9, 2017

For the Period: 08/10/17 to 08/27/17 (17/222 – 17/239)

DSN OPSCHIEF **230-102**

SCIENCE

FLIGHT TEAM

600-100

DSOT **230-102**

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 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

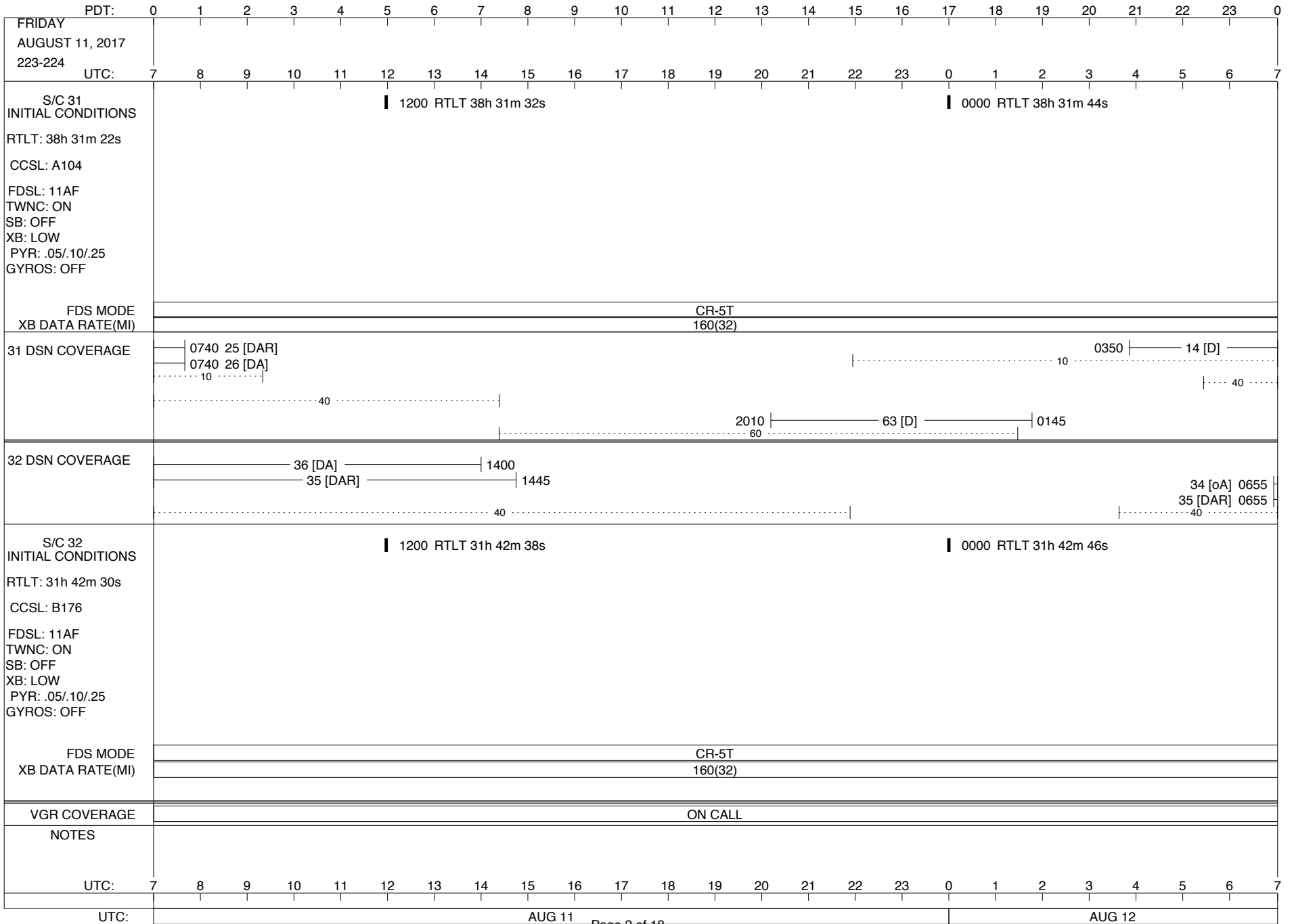
Posted at http://voyager.jpl.nasa.gov/mission/soesfos/tracking_schedule.html

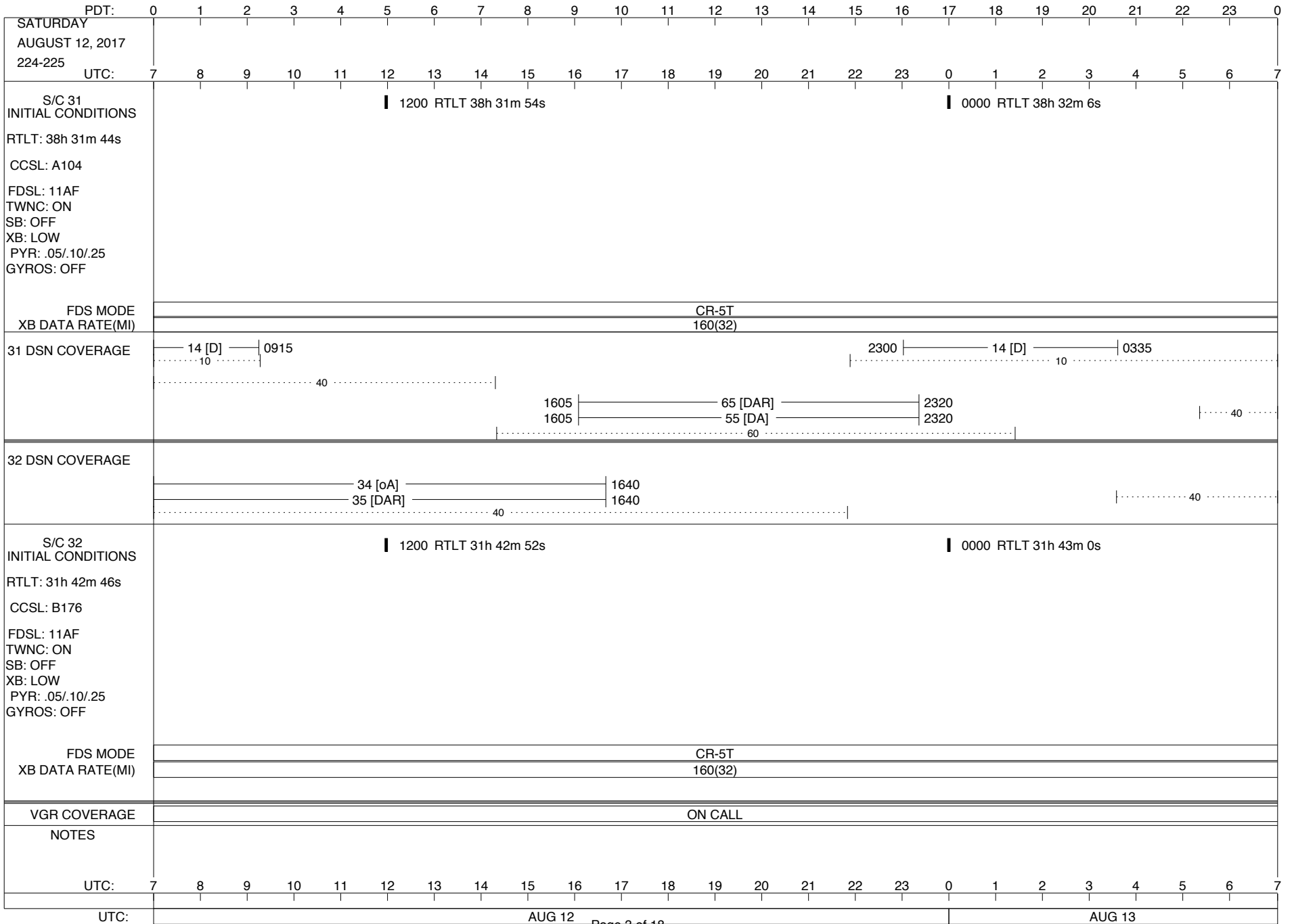
02/27/17

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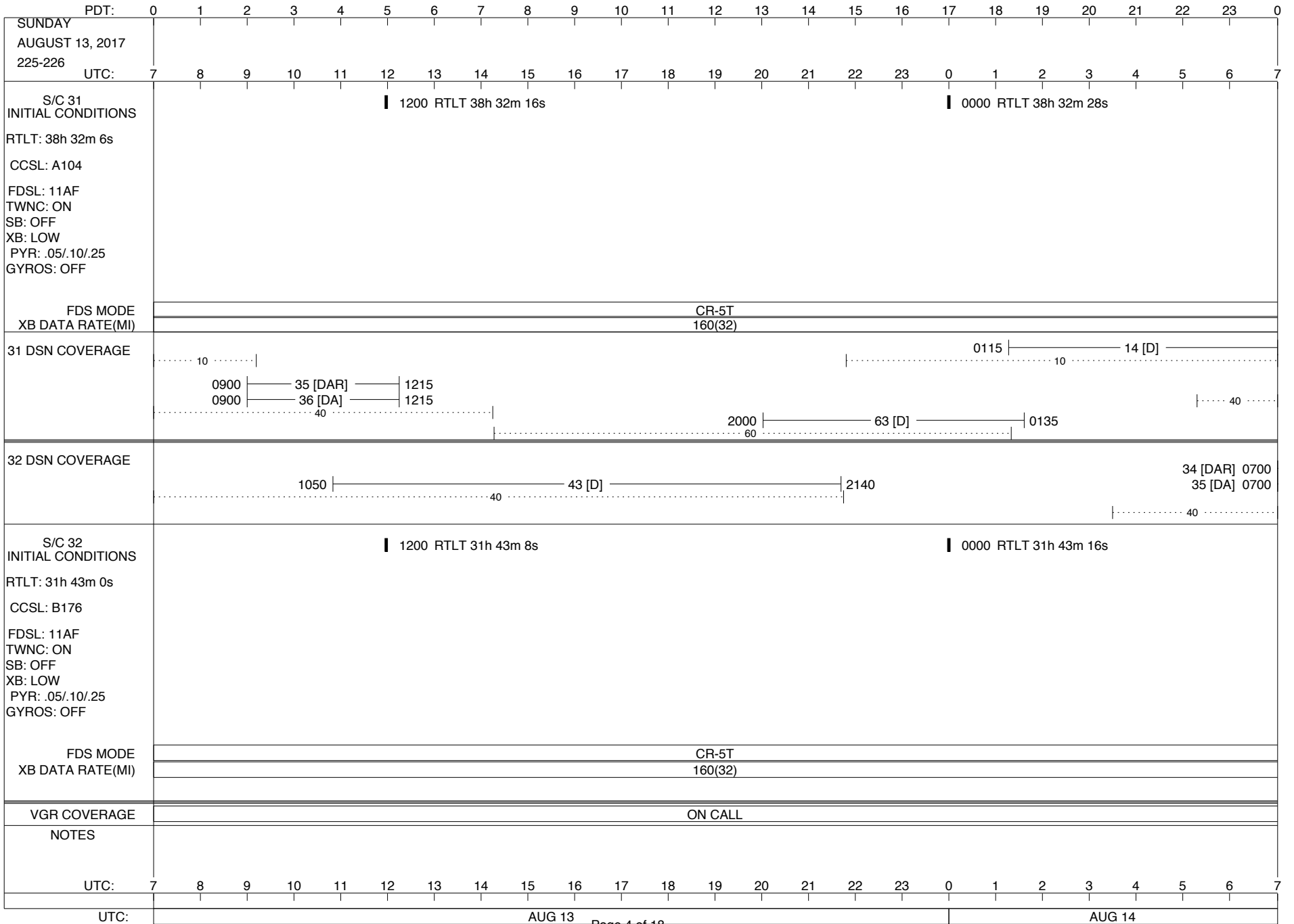
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THURSDAY AUGUST 10, 2017 222-223																									
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S/C 31 INITIAL CONDITIONS RTLTL: 38h 30m 58s CCSL: A104 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 38h 31m 10s												0000 RTLT 38h 31m 22s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	14 [DA] 0700 - 0835 10												0150 25 [DAR] 0150 26 [DA] 10												
32 DSN COVERAGE	35 [DA] 0725 - 1230 34 [DAR] 0725 - 1425 40												1715 43 [D] 1815 2210 63 [D] 0150 60												
S/C 32 INITIAL CONDITIONS RTLTL: 31h 42m 14s CCSL: B176 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 31h 42m 22s												0000 RTLT 31h 42m 30s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] 18:35 - 21:35 GLOBAL DSN DOWNTIME?																								
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 10												AUG 11												

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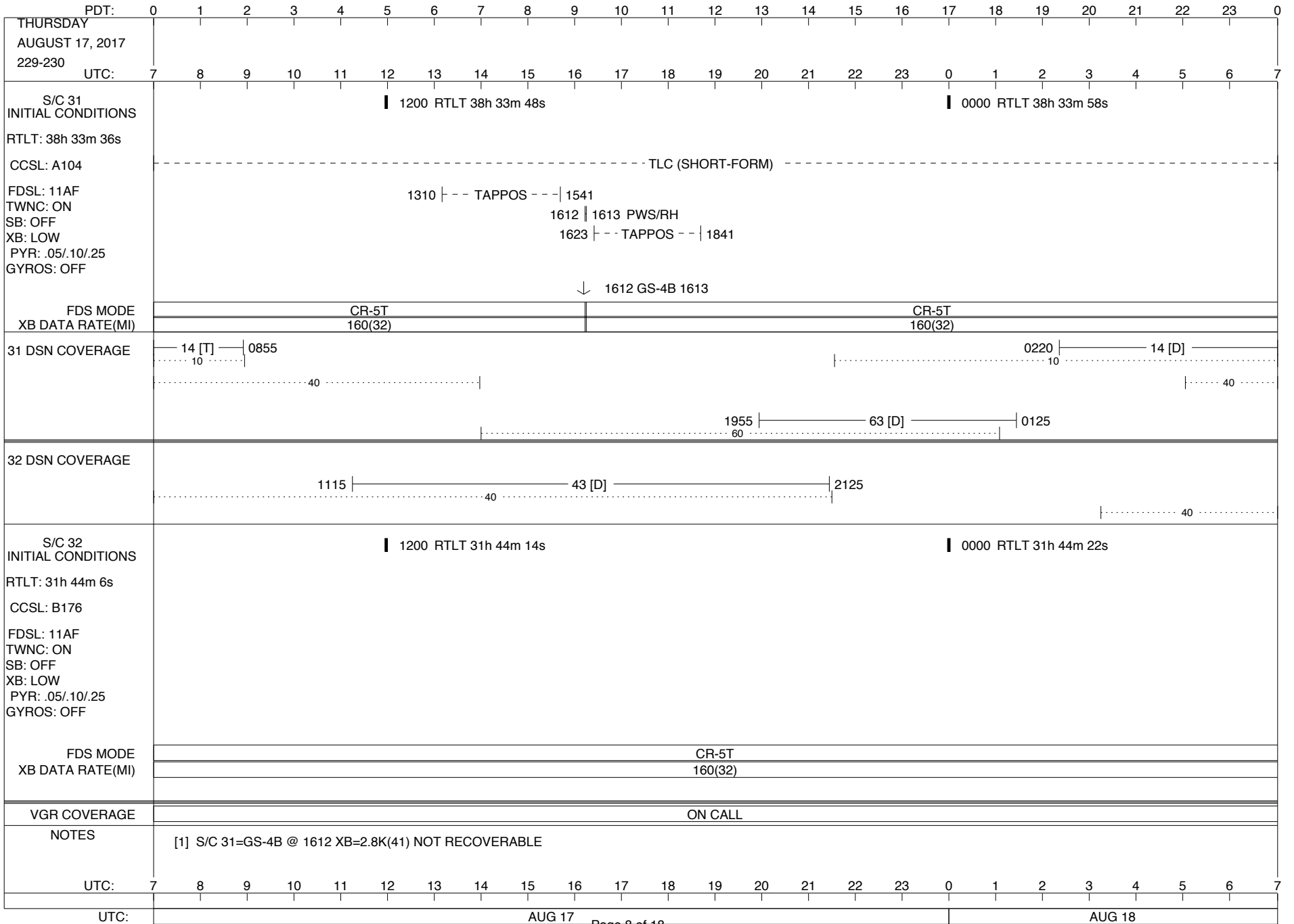
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MONDAY AUGUST 14, 2017 226-227																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 38h 32m 28s CCSL: A104 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 38h 32m 40s												0000 RTLT 38h 32m 50s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	0740 14 [D] 10												1810 ----- 63 ----- 2110 0455 ----- 25 [DA] ----- 0455 ----- 26 [DAR] ----- 15 [DA] 0700												
	0850 ----- 43 [D] ----- 1130 40												2110 ----- 65 [DAR] ----- 2315 2110 ----- 54 [DA] ----- 2315 60												
32 DSN COVERAGE	34 [DAR] ----- 0700 - 1400 35 [DA] ----- 0700 - 1120												1720 ----- 34 [DA] ----- 2025 1720 ----- 36 [DAR] ----- 2025 40												
S/C 32 INITIAL CONDITIONS RTLT: 31h 43m 16s CCSL: B176 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 31h 43m 24s												0000 RTLT 31h 43m 32s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	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:	AUG 14												AUG 15												

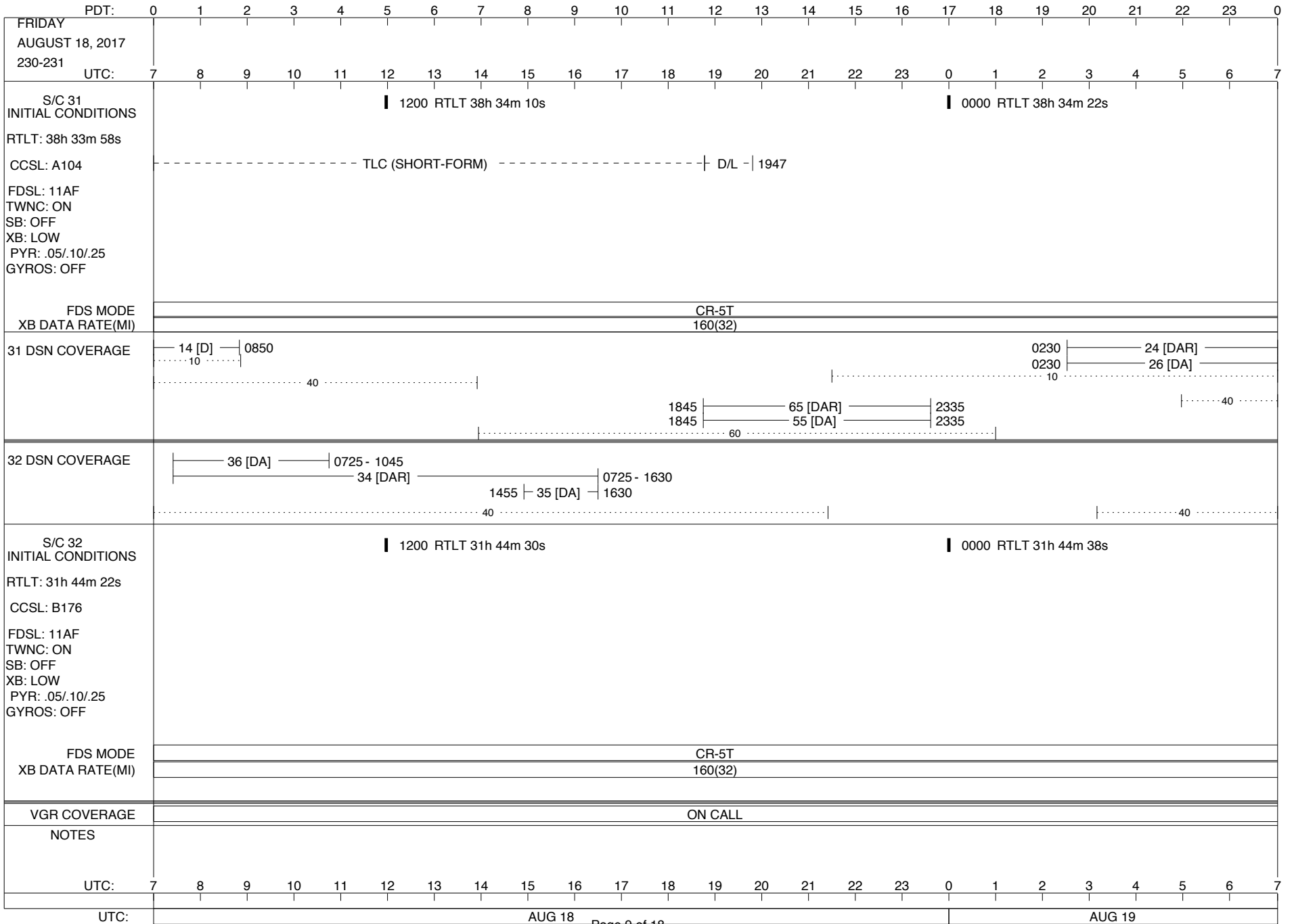
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TUESDAY AUGUST 15, 2017 227-228	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 38h 32m 50s CCSL: A104 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 38h 33m 2s												0000 RTLT 38h 33m 14s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	25 [DA] 0830 26 [DAR] 0830 15 [DA] 0700 - 0830 40												0150 25 [DA] 0150 26 [DAR] 10 2115 63 [D] 0130 60 40												
32 DSN COVERAGE	0745 35 [DAR] 1130 0745 34 [DA] 1405 1545 43 [D] 1955 40												43 [1HB] 0630 40												
S/C 32 INITIAL CONDITIONS RTLT: 31h 43m 32s CCSL: B176 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 31h 43m 40s												0000 RTLT 31h 43m 48s												
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 @ 0958 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 15												AUG 16												

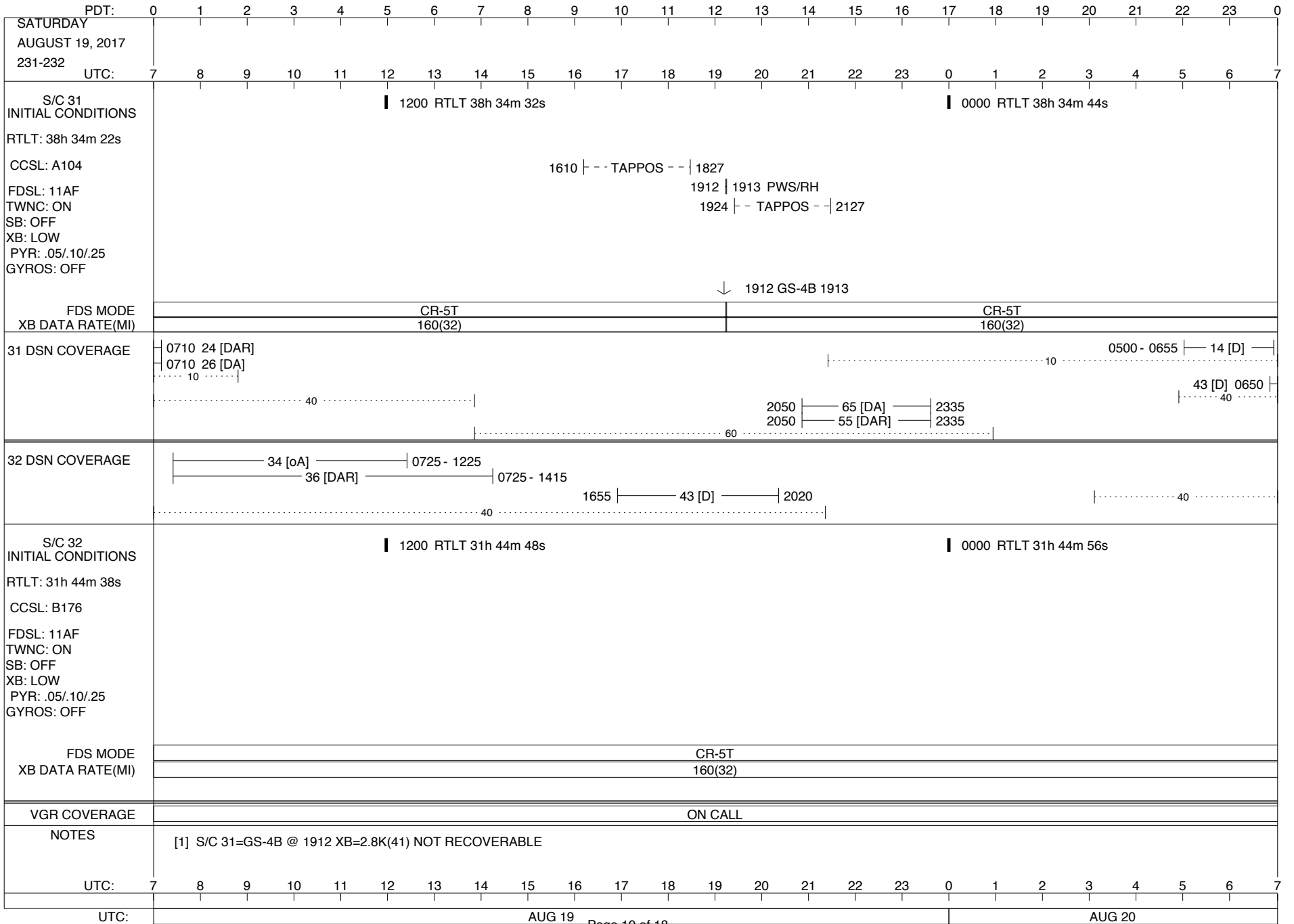
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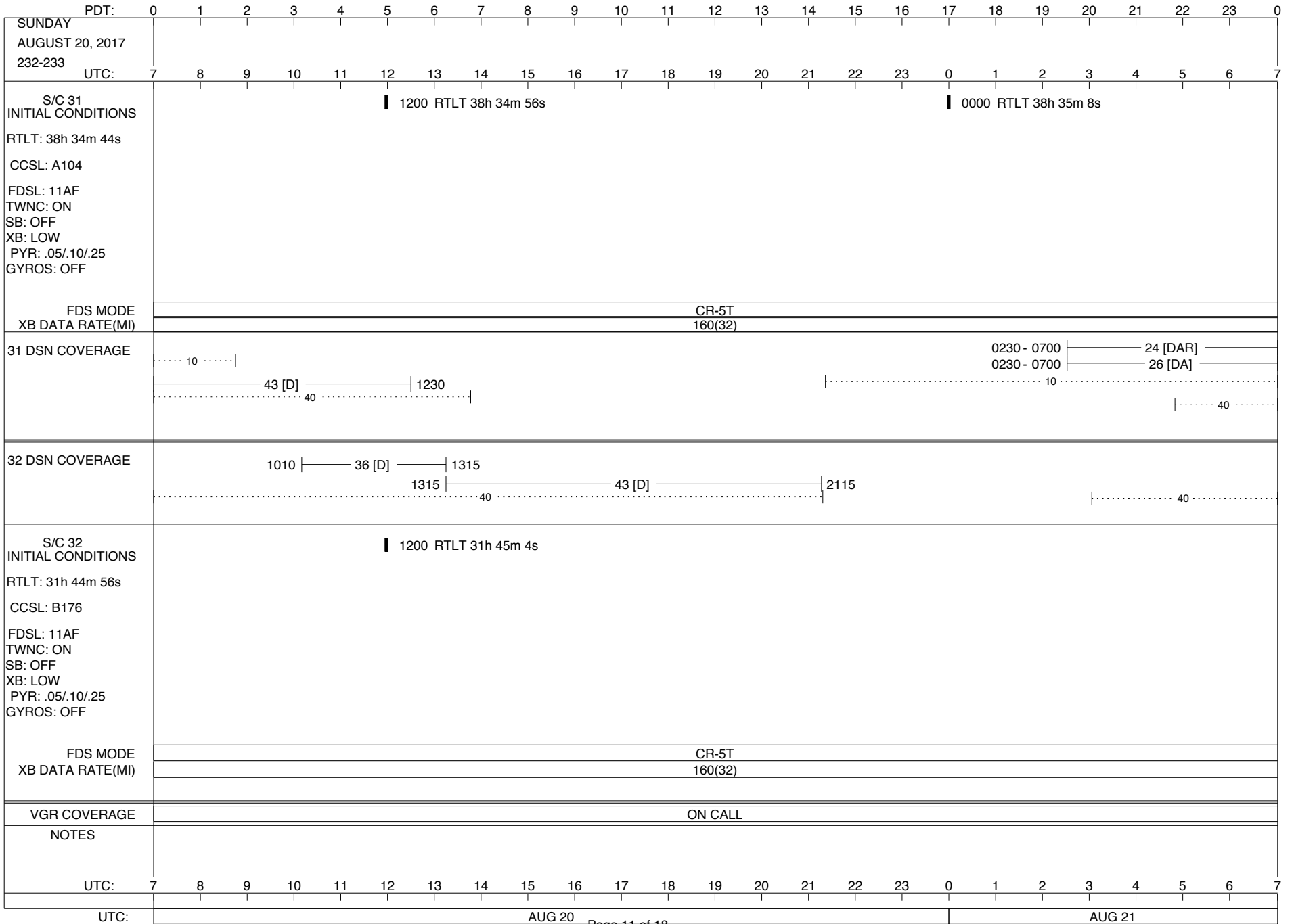
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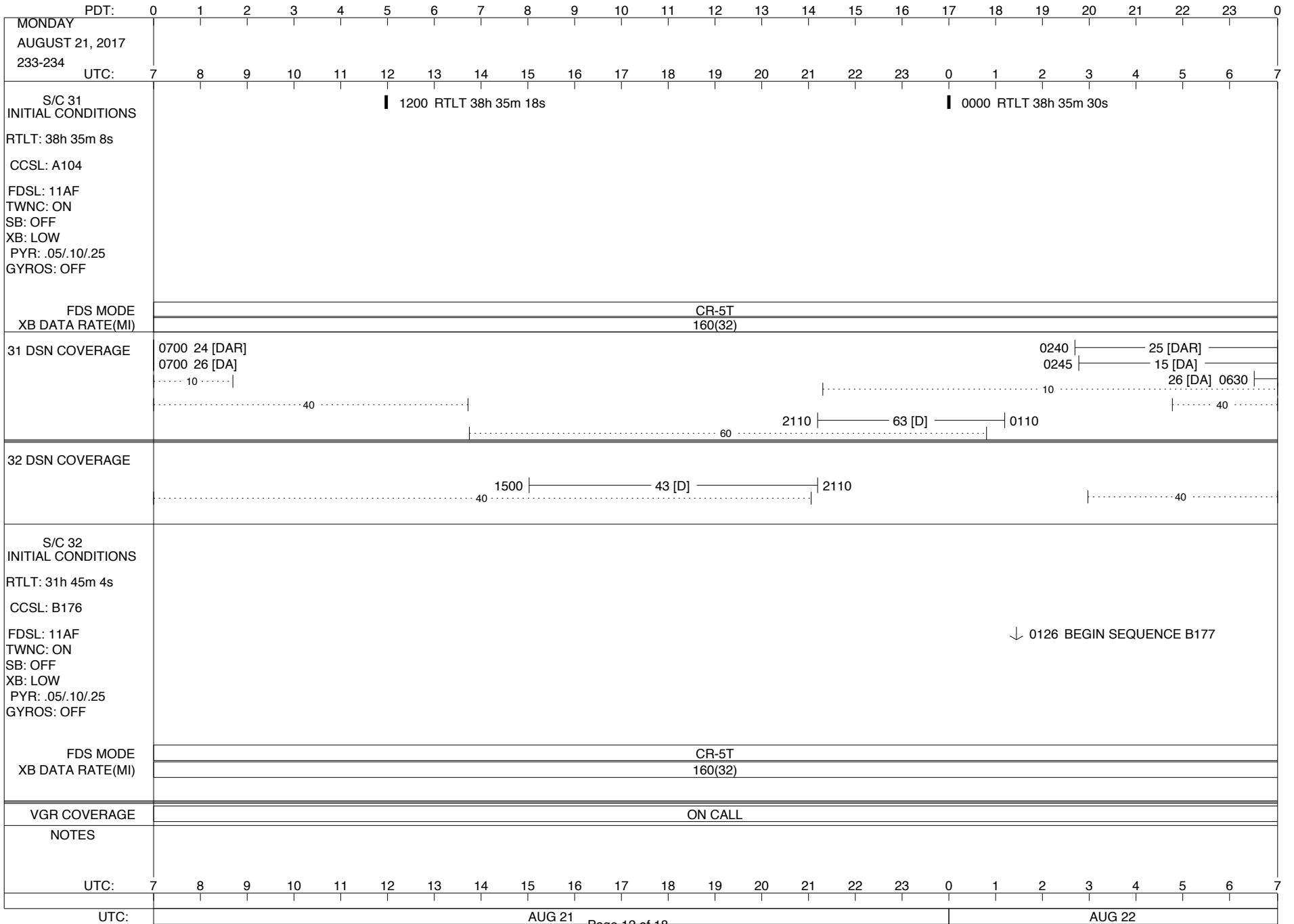
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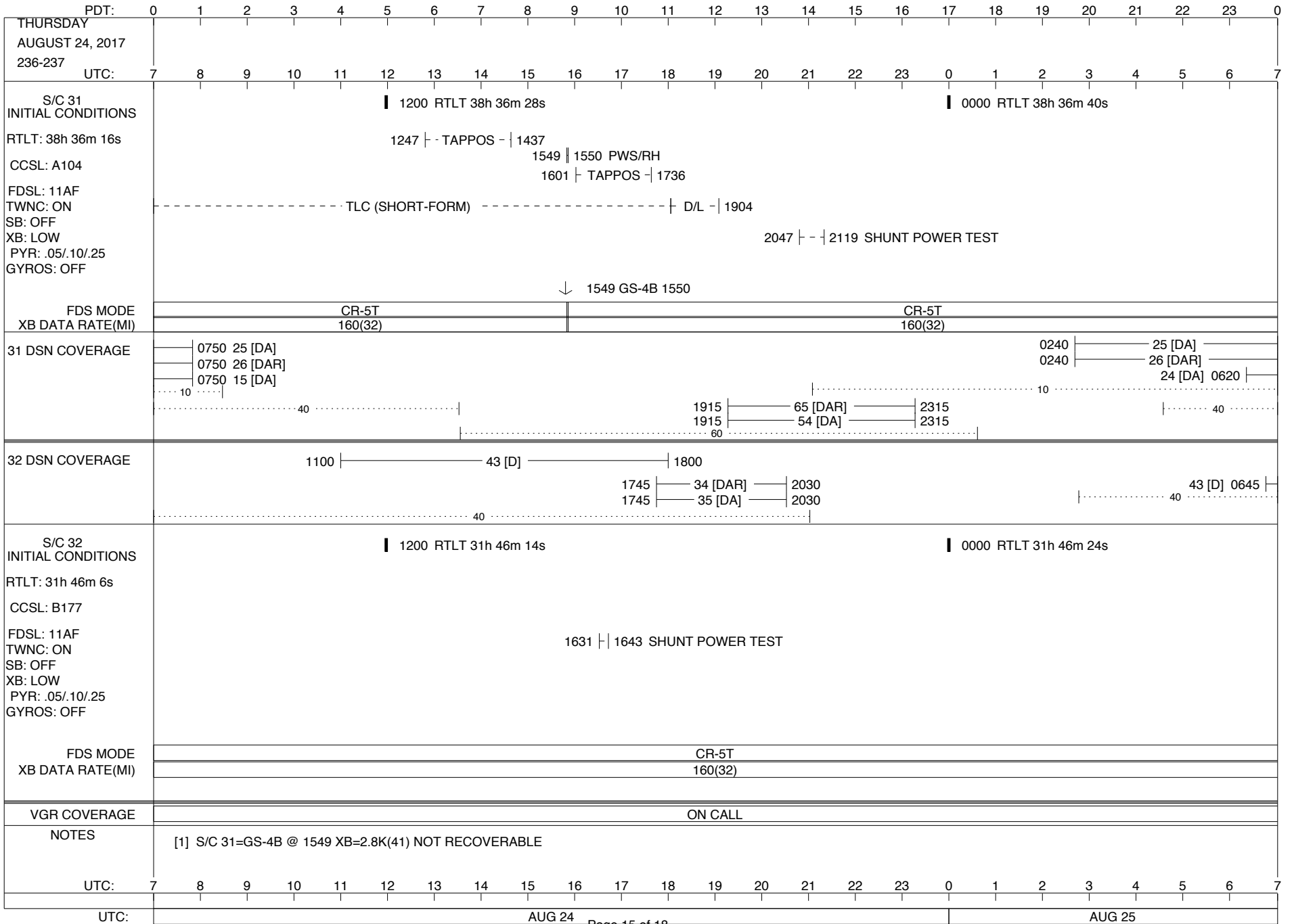
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TUESDAY AUGUST 22, 2017 234-235	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 38h 35m 30s CCSL: A104 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 38h 35m 42s												0000 RTLTL 38h 35m 54s												
0936 0936 PWS/RH													▼ 2135 DUMMY (12:31)												
U/L 0240 - - TLC (SHORT-FORM) - -																									
↓ 0936 GS-4B 0936																									
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	0800 25 [DAR] 0800 15 [DA] 0800 26 [DA]10..... 40.....												0215 -----14 [T]-----10..... 40.....												
60.....												2110 -----63----- 0105												
32 DSN COVERAGE	0925 -----43 [D]----- 194040.....											40.....												
S/C 32 INITIAL CONDITIONS RTLTL: 31h 45m 4s CCSL: B177 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 31h 45m 40s												0000 RTLTL 31h 45m 48s												
1126 PLSCAL - 1309 1126 --- MAGCAL --- 1429 1126 --- PESCAL --- 1446																									
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL												VGR						ON CALL						
NOTES	[1] S/C 31=GS-4B @ 0936 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 22																		AUG 23						

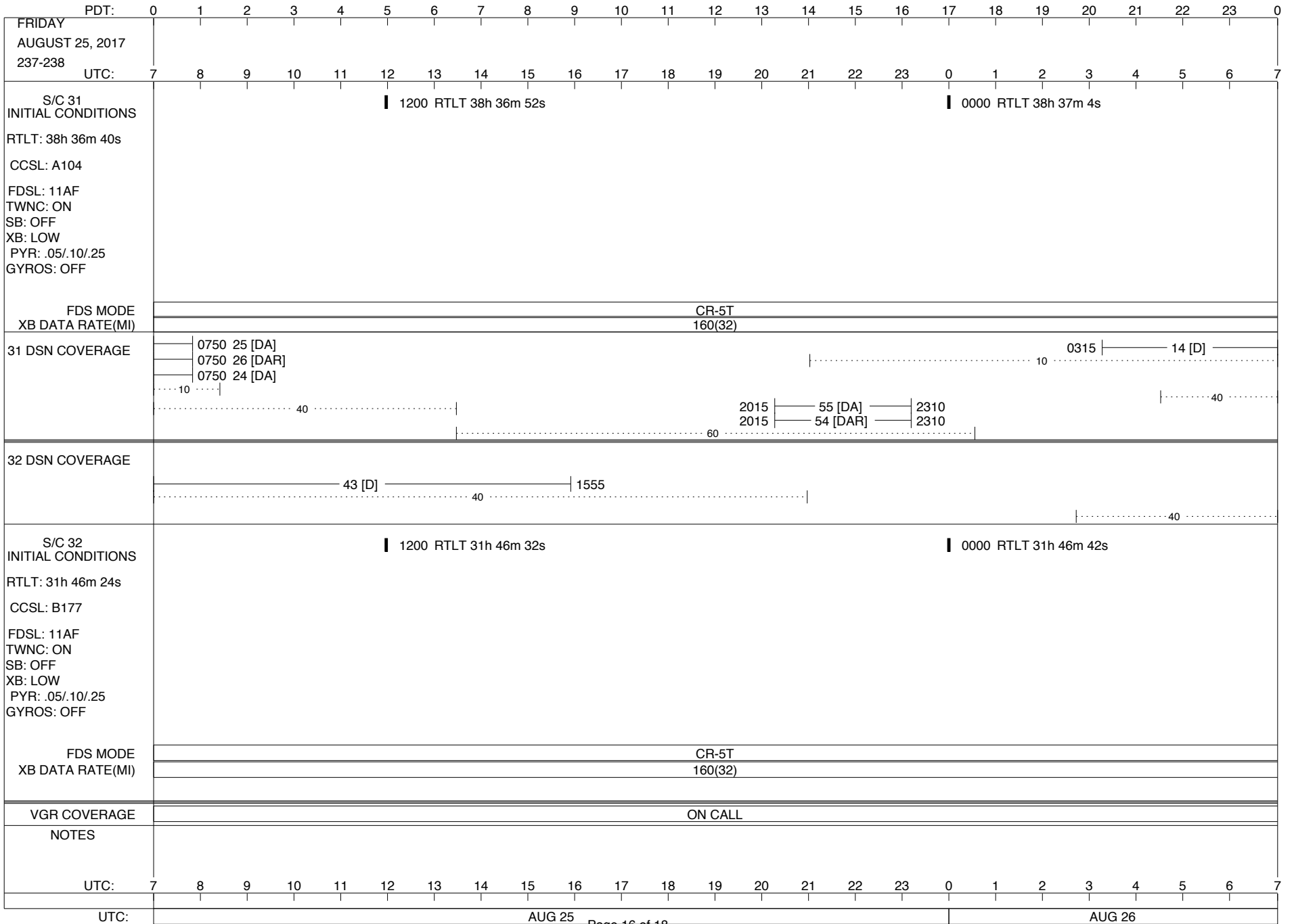
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WEDNESDAY AUGUST 23, 2017 235-236																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 38h 35m 54s CCSL: A104 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200												█ 0000							
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLTL: 31h 45m 48s CCSL: B177 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 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:																									

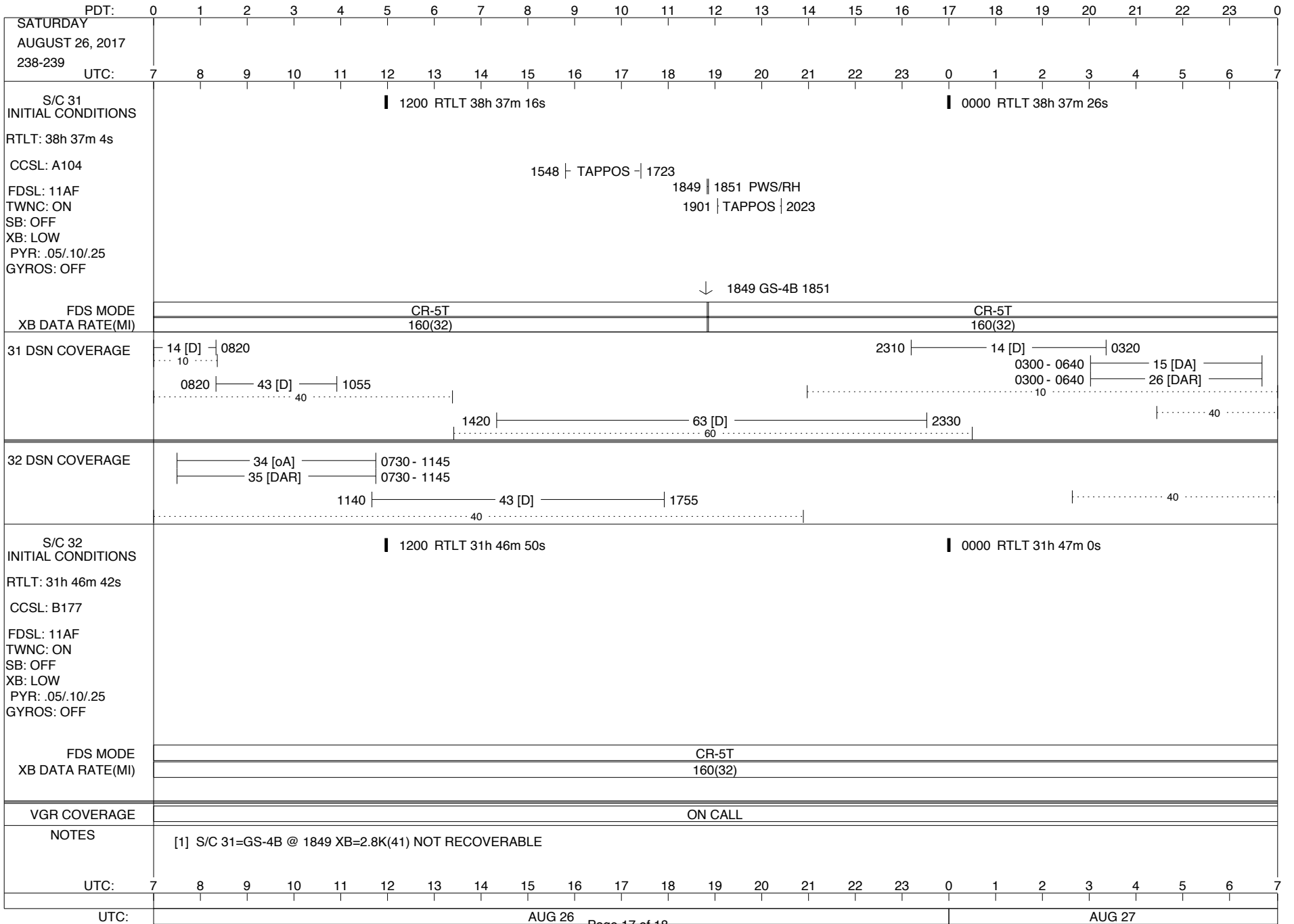
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SUNDAY AUGUST 27, 2017 239-240																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 38h 37m 26s CCSL: A104 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;"> 1200 RTLT 38h 37m 38s</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p>... 10 ... </p> <p>..... 40</p>																										
32 DSN COVERAGE	<p style="text-align: center;">1245 ----- 43 [D] ----- 2045</p> <p>..... 40</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 31h 47m 0s CCSL: B177 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;"> 1200 RTLT 31h 47m 8s</p>																										
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:	AUG 27													AUG 28													