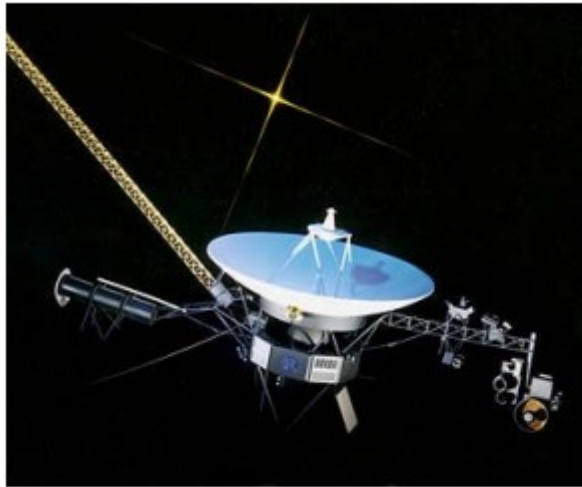


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: August 6, 2019

For the Period: 08/08/19 to 08/26/19 (19/220 – 19/238)



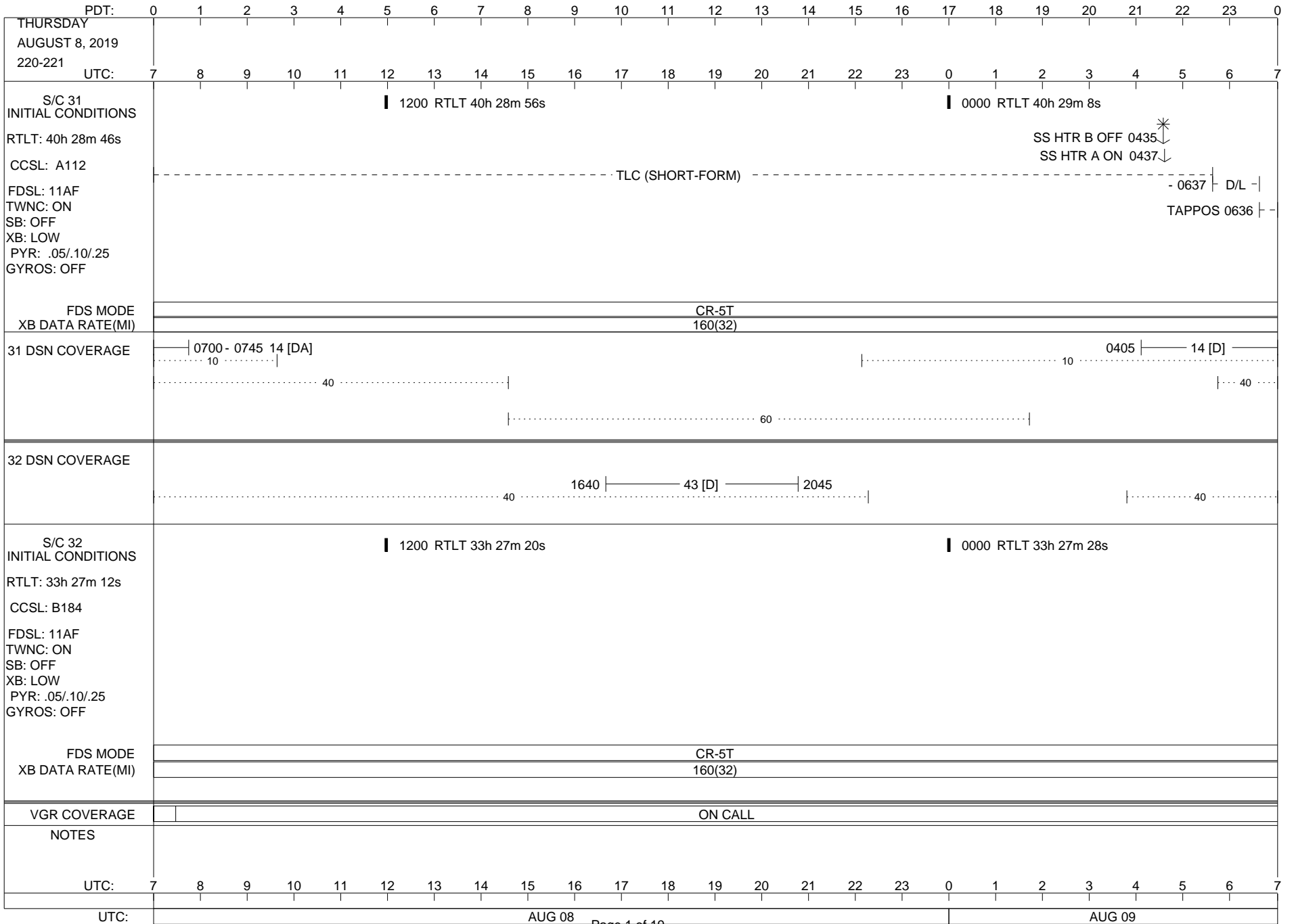
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

LEGEND:

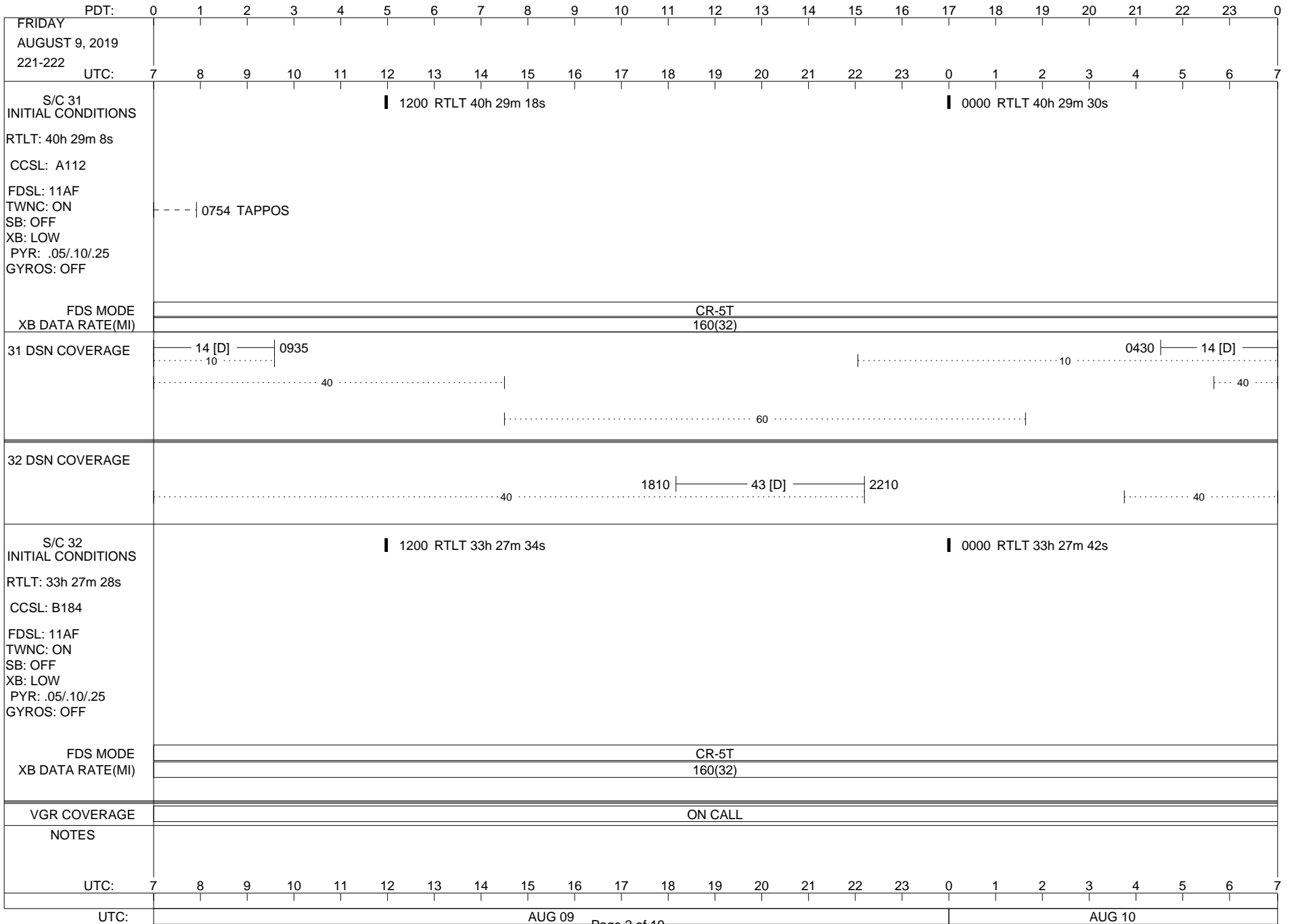
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U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

02/27/19

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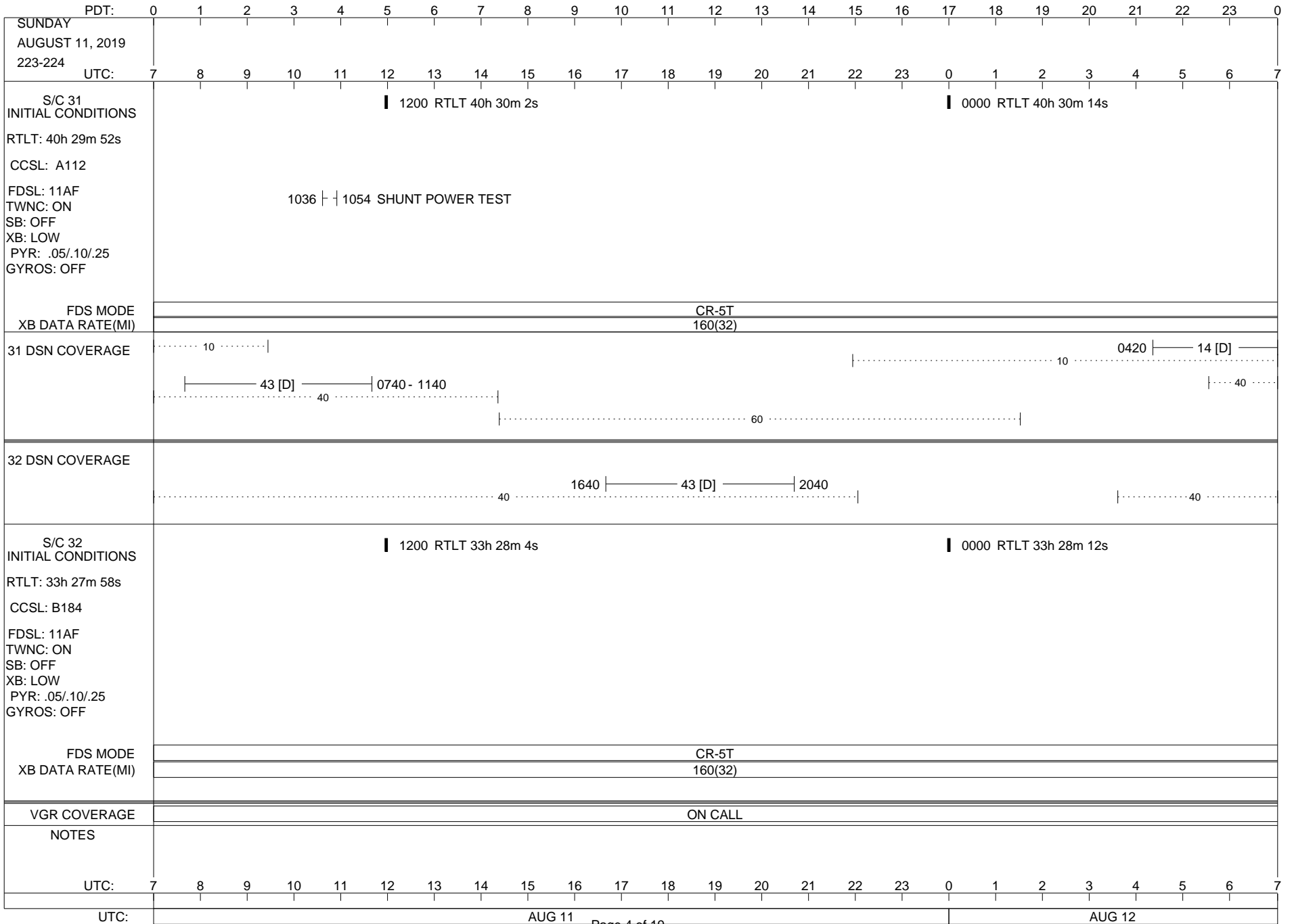
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SATURDAY AUGUST 10, 2019 222-223																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 40h 29m 30s CCSL: A112 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 40h 29m 40s												0000 RTLT 40h 29m 52s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	14 [D] 0930												10													
	10												40													
	40												60													
	40												40													
32 DSN COVERAGE	1645												43 [D] 2045													
	40												40													
S/C 32 INITIAL CONDITIONS RTLT: 33h 27m 42s CCSL: B184 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 27m 50s												0000 RTLT 33h 27m 58s													
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 10													AUG 11												

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ISSUE DATE: 08/14/19 11:34

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 AUGUST 12, 2019 224-225																									
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: 40h 30m 14s CCSL: A112 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 40h 30m 24s												0000 RTLT 40h 30m 36s												
	0755 0759 2 AHELI2 SID MRO'S																								
	↓ 0758 CR-5T 0802																								
FDS MODE	CR-5T											CR-5T													
XB DATA RATE(MI)												160(32)													
31 DSN COVERAGE	14 [D] 0920											0420 14 [D]													
	10											10													
	40											40													
												60													
32 DSN COVERAGE												43 [H1] 0700													
	40											1740 43 [D] 2140													
												40													
S/C 32 INITIAL CONDITIONS RTLT: 33h 28m 12s CCSL: B184 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 28m 20s												0000 RTLT 33h 28m 28s												
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 12														AUG 13										

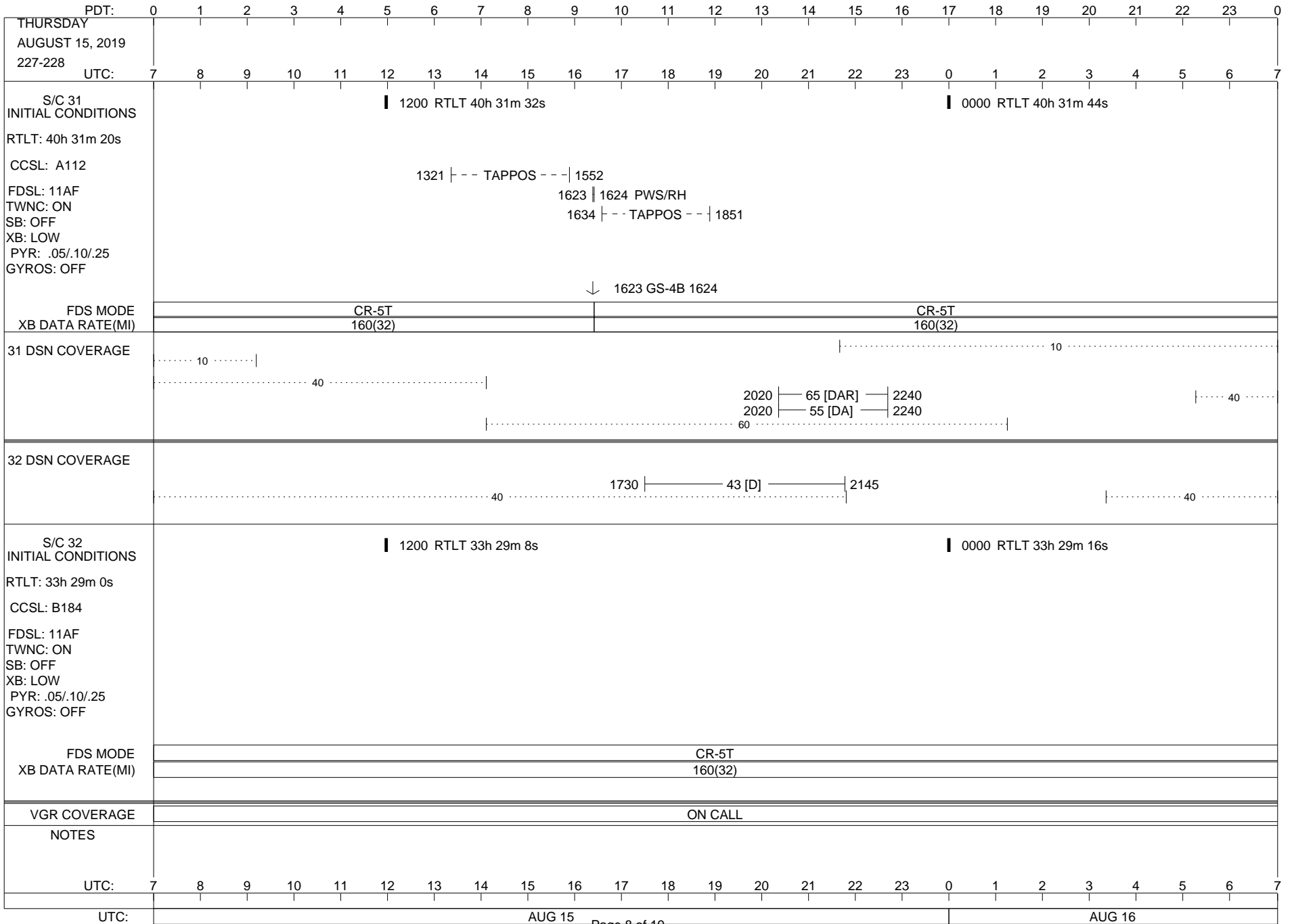
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TUESDAY AUGUST 13, 2019 225-226	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 40h 30m 36s CCSL: A112 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 40h 30m 48s												0000 RTLT 40h 30m 58s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	14 [D] 091040.....												0100 14 [D] 10..... 60.....												
32 DSN COVERAGE	43 [H1] 0700 - 110040.....												1730 43 [D] 212040.....												
S/C 32 INITIAL CONDITIONS RTLT: 33h 28m 28s CCSL: B184 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 33h 28m 36s												0000 RTLT 33h 28m 44s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] DSS-43 DRV ON >= 225/05:00																								
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 13												AUG 14												

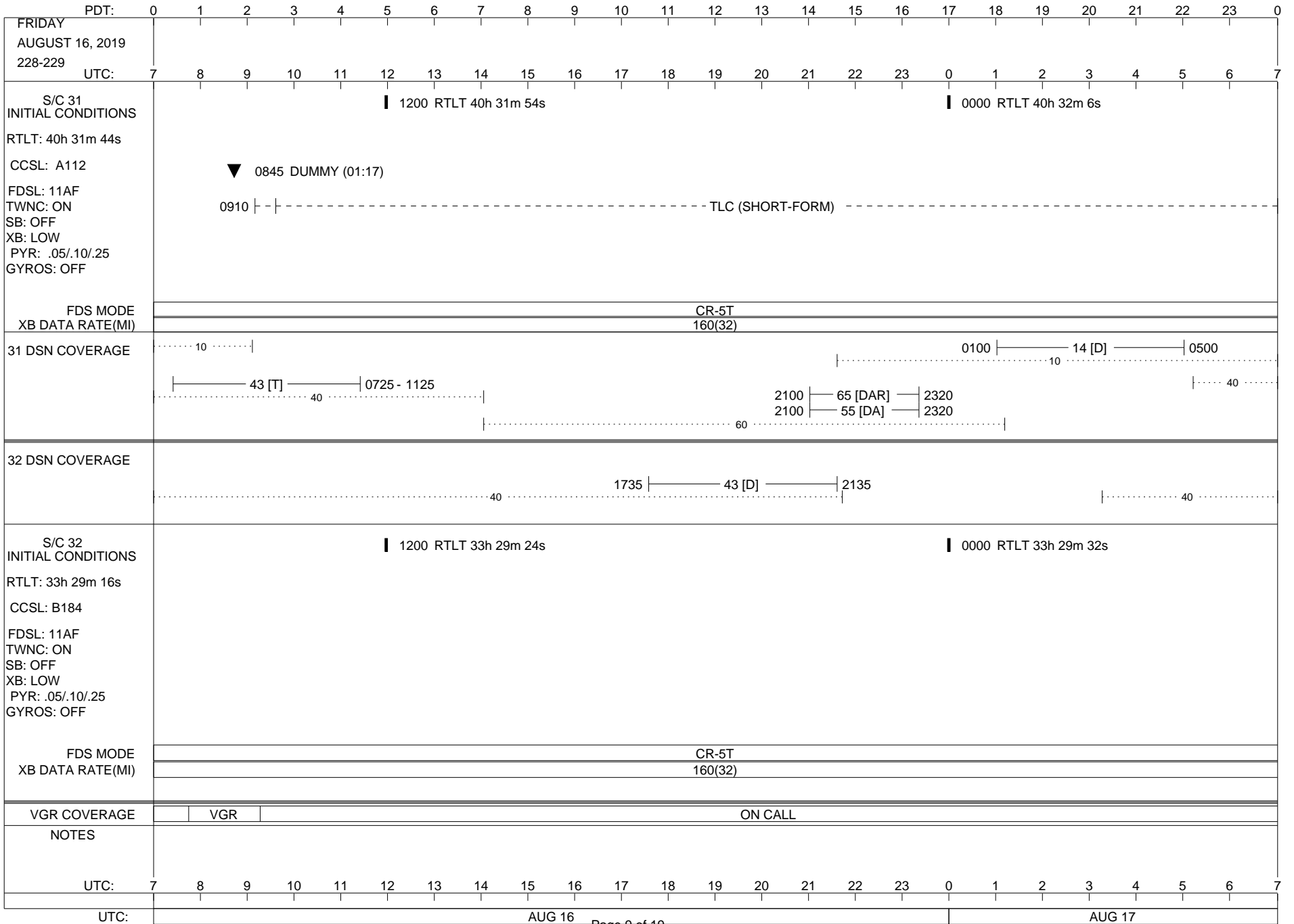
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UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
WEDNESDAY AUGUST 14, 2019 226-227																												
S/C 31 INITIAL CONDITIONS RTLT: 40h 30m 58s CCSL: A112 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 40h 31m 10s												0000 RTLT 40h 31m 20s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	14 [D] 0915										0005 14 [D] 0405																	
	40										40																	
											60																	
32 DSN COVERAGE											1605 43 [D] 2125																	
	40										40																	
S/C 32 INITIAL CONDITIONS RTLT: 33h 28m 44s CCSL: B184 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 28m 52s												0000 RTLT 33h 29m 0s															
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													

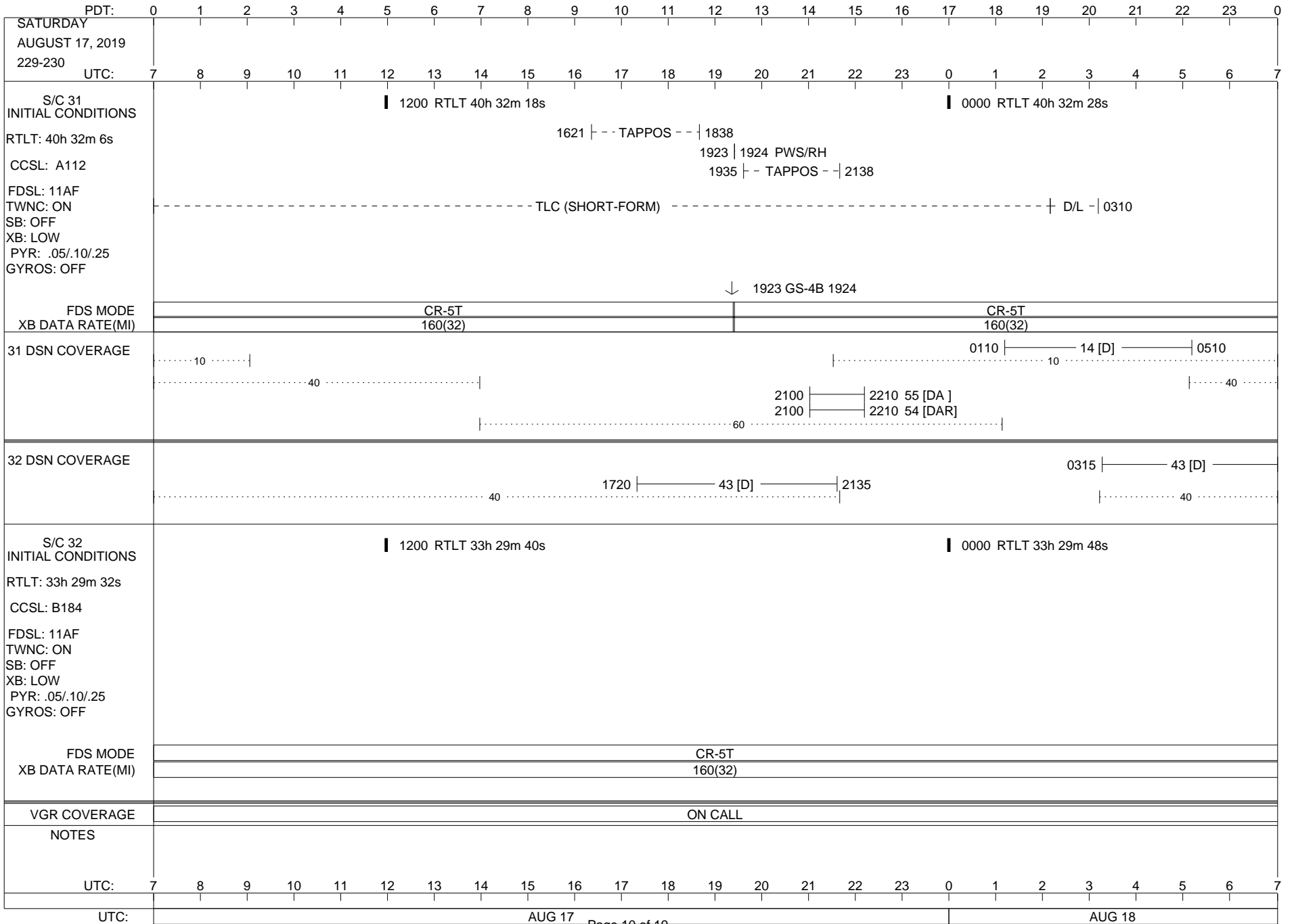
ISSUE DATE: 08/14/19 11:34



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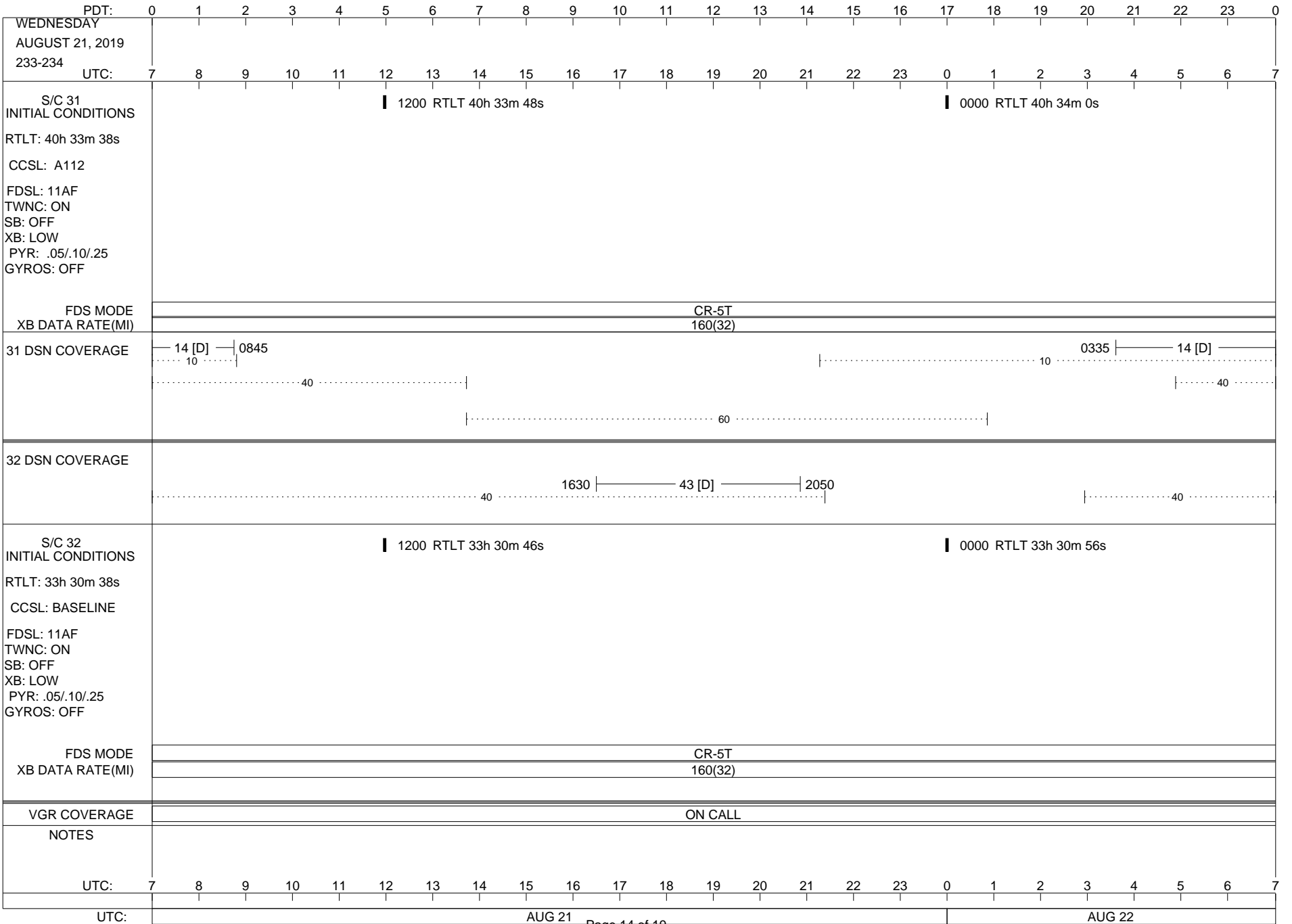


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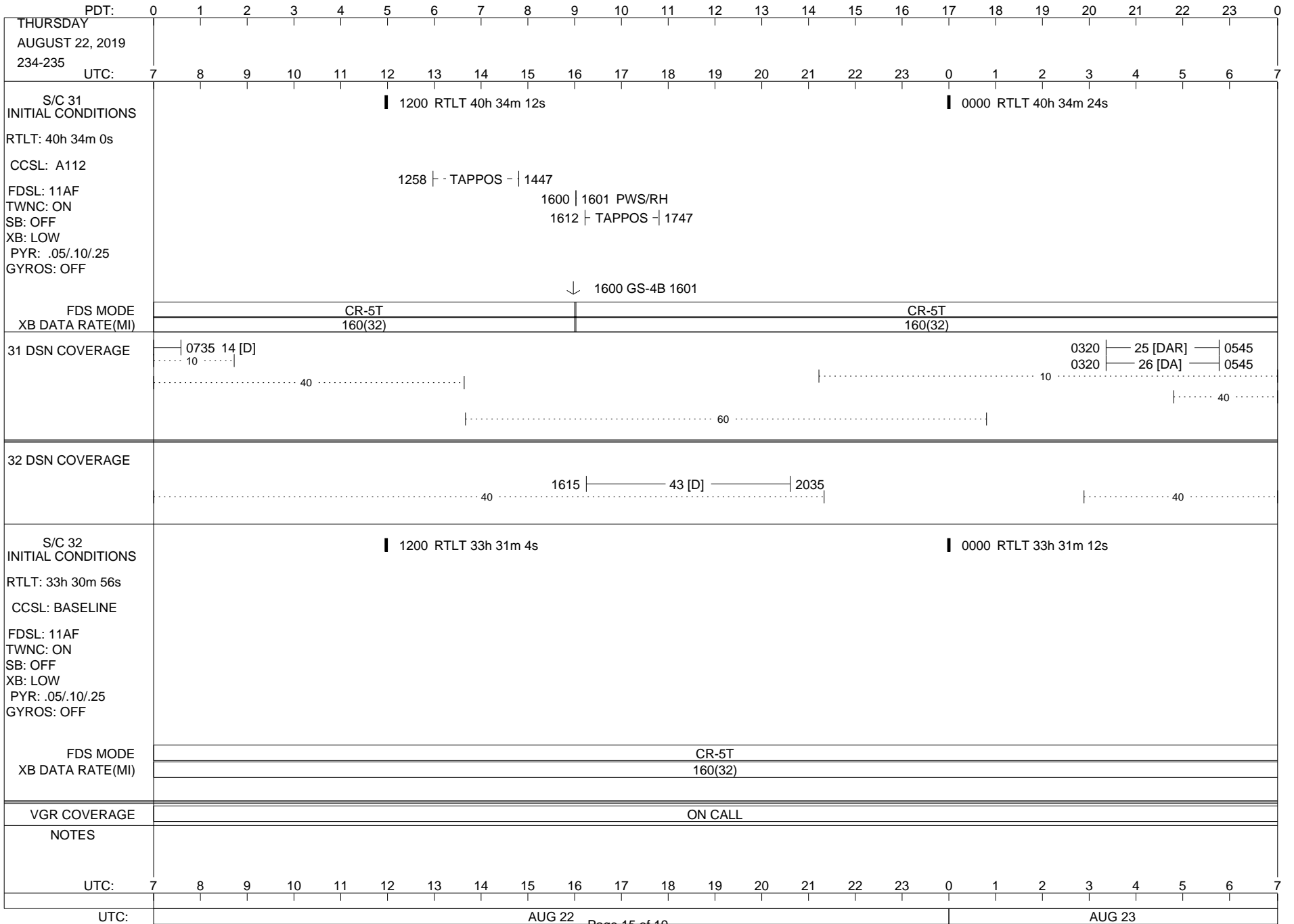
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SUNDAY AUGUST 18, 2019 230-231																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 40h 32m 28s CCSL: A112 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 40h 32m 40s												0000 RTLT 40h 32m 52s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE 10 0105 ----- 14 [D] ----- 0505												
 40 10												
 60 40												
32 DSN COVERAGE	----- 43 [D] ----- 1115																								
 40 40												
S/C 32 INITIAL CONDITIONS RTLT: 33h 29m 48s CCSL: B184 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 29m 56s												0000 RTLT 33h 30m 4s												
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 18												AUG 19												

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		
TUESDAY																												
AUGUST 20, 2019																												
232-233																												
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: 40h 33m 14s CCSL: A112 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLTL 40h 33m 26s												0000 RTLTL 40h 33m 38s														
		0946 0947 PWS/RH																										
		↓ 0946 GS-4B 0947																										
FDS MODE	CR-5T																CR-5T											
XB DATA RATE(MI)	160(32)																160(32)											
31 DSN COVERAGE	14 [D] 08501010 0405 14 [D]40406060																											
32 DSN COVERAGE	43 [Bo] 10454040																											
S/C 32 INITIAL CONDITIONS RTLTL: 33h 30m 22s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLTL 33h 30m 30s												0000 RTLTL 33h 30m 38s														
		▼ 0717 DUMMY (5 MIN BRACKETED 16:48)																										
		1129 PLSCAL - 1311 1129 --- MAGCAL --- 1431 1129 --- PESCAL --- 1449																										
FDS MODE																	CR-5T											
XB DATA RATE(MI)																	160(32)											
VGR COVERAGE	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 20															AUG 21											

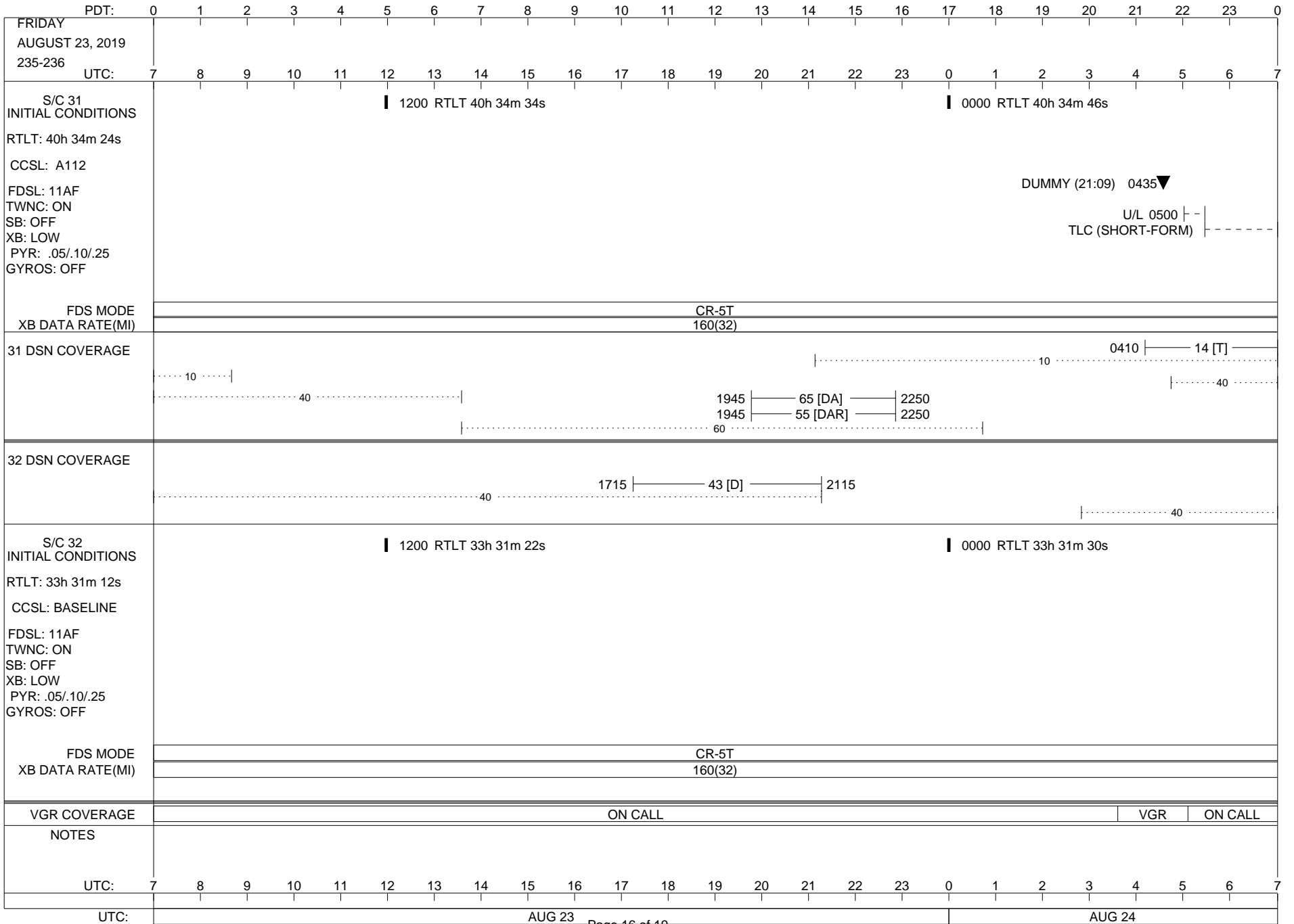
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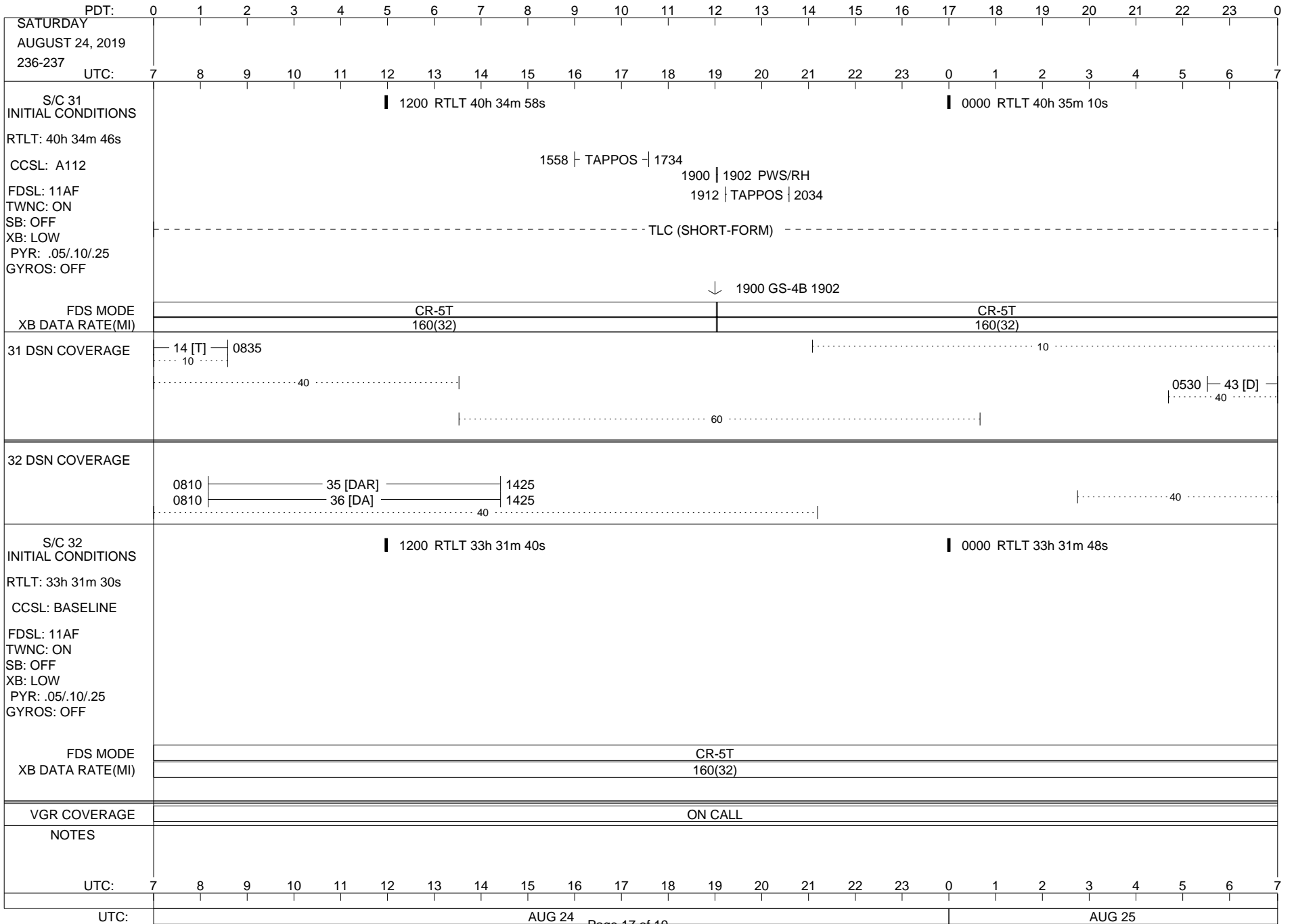
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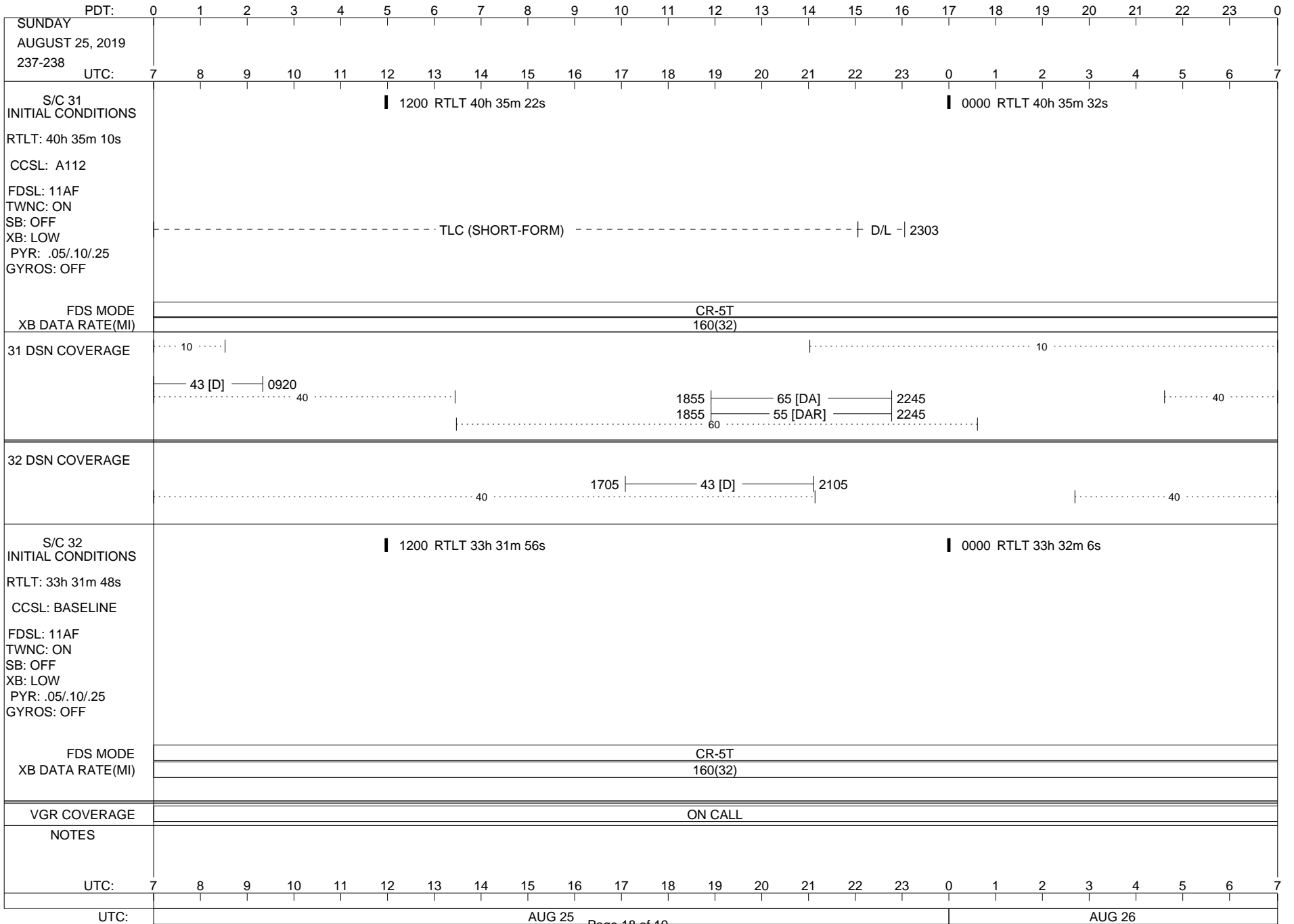


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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0		
MONDAY AUGUST 26, 2019 238-239																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 40h 35m 32s CCSL: A112 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 40h 35m 44s</p> </div>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<div style="text-align: center;"> </div>																										
32 DSN COVERAGE	<div style="text-align: center;"> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 33h 32m 6s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 33h 32m 14s</p> </div>																										
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 26													AUG 27													