

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: April 13, 2021

For the Period: 04/15/21 to 05/03/21 (21/105 – 21/123)



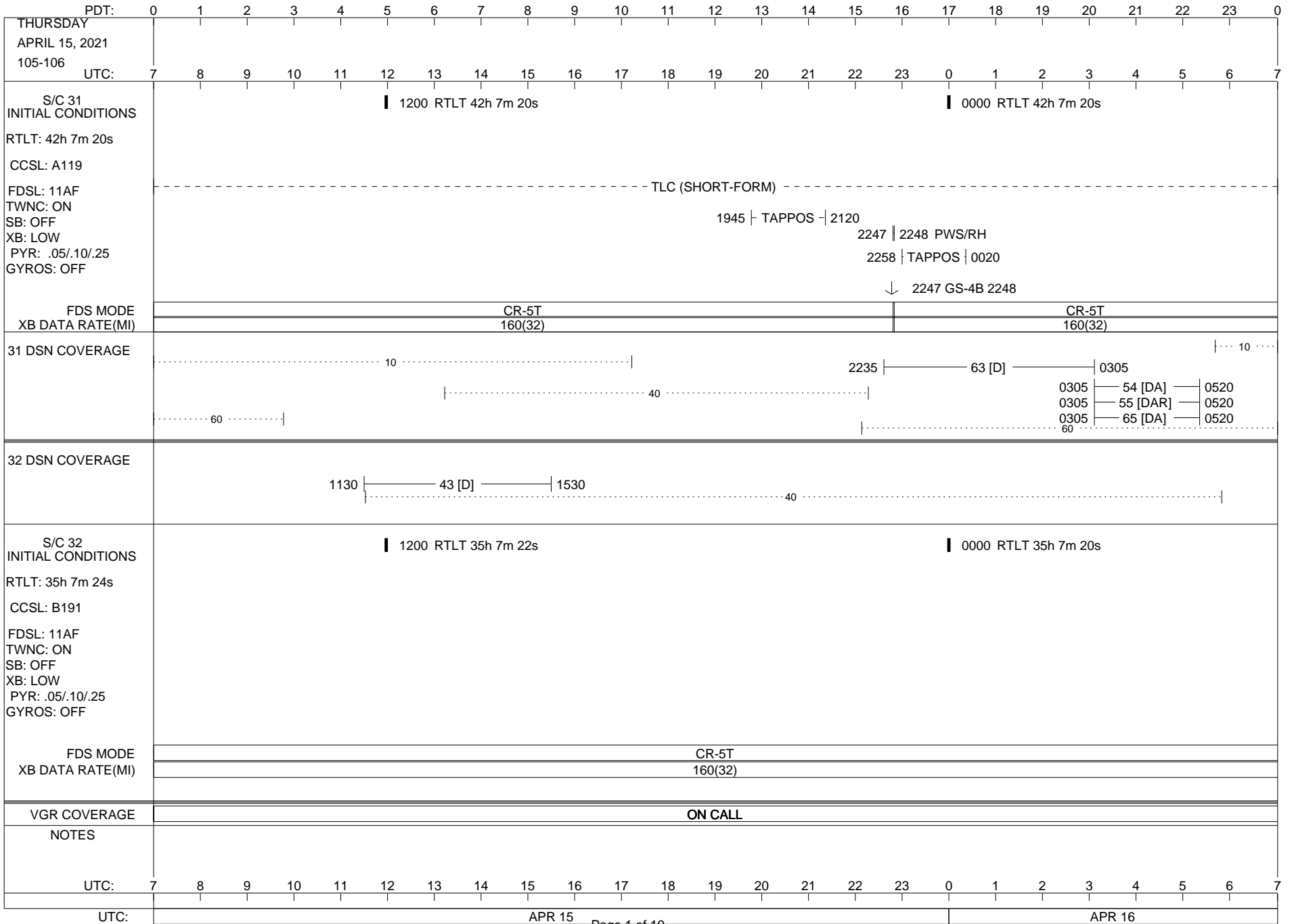
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

LEGEND:

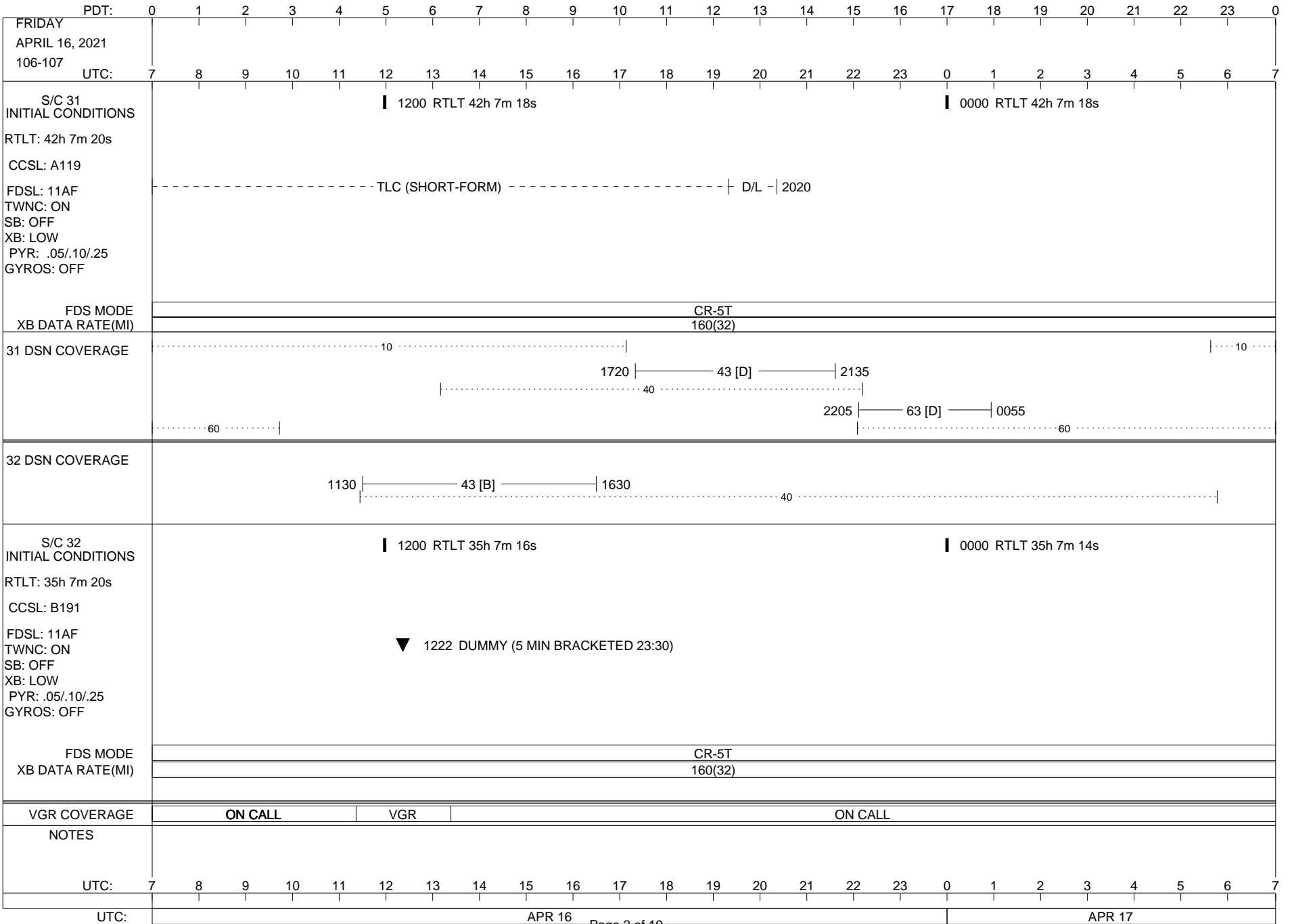
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U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

02/27/19

ISSUE DATE: 04/24/21 11:50



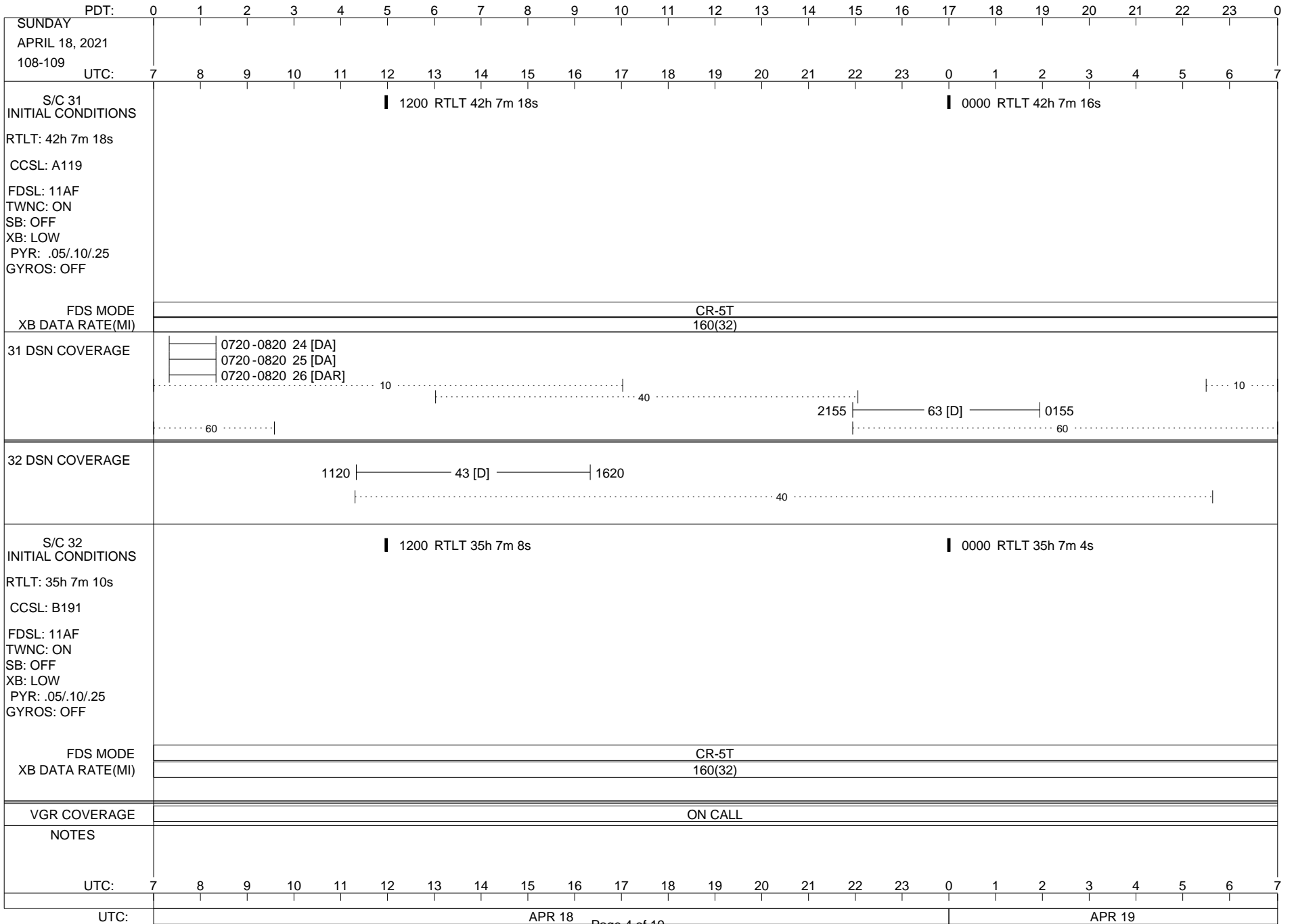
ISSUE DATE: 04/24/21 11:50



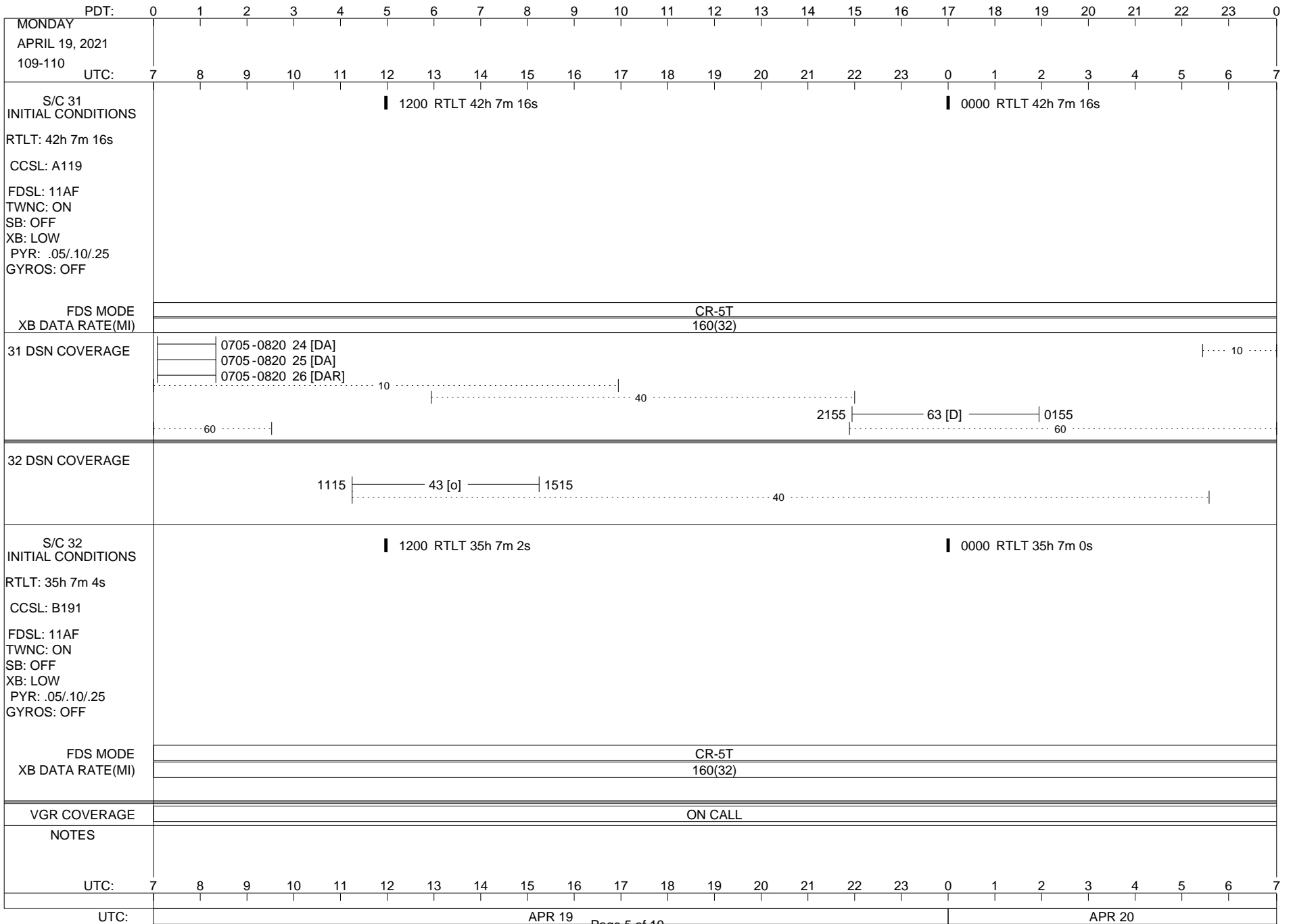
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
SATURDAY APRIL 17, 2021 107-108																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 42h 7m 18s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 42h 7m 18s												█ 0000 RTLTL 42h 7m 18s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	.....|10.....|												.....|40.....|												
	.....|60.....|												2200 |----- 63 [D] -----|0200 .....|60.....|												
32 DSN COVERAGE	1120 |43 [D] |1220 .....|40.....|												2025 |----- 43 [D] -----|0125 .....|40.....|												
S/C 32 INITIAL CONDITIONS RTLTL: 35h 7m 14s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 35h 7m 12s												█ 0000 RTLTL 35h 7m 10s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												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:	APR 17												APR 18												

ISSUE DATE: 04/24/21 11:50



ISSUE DATE: 04/24/21 11:50

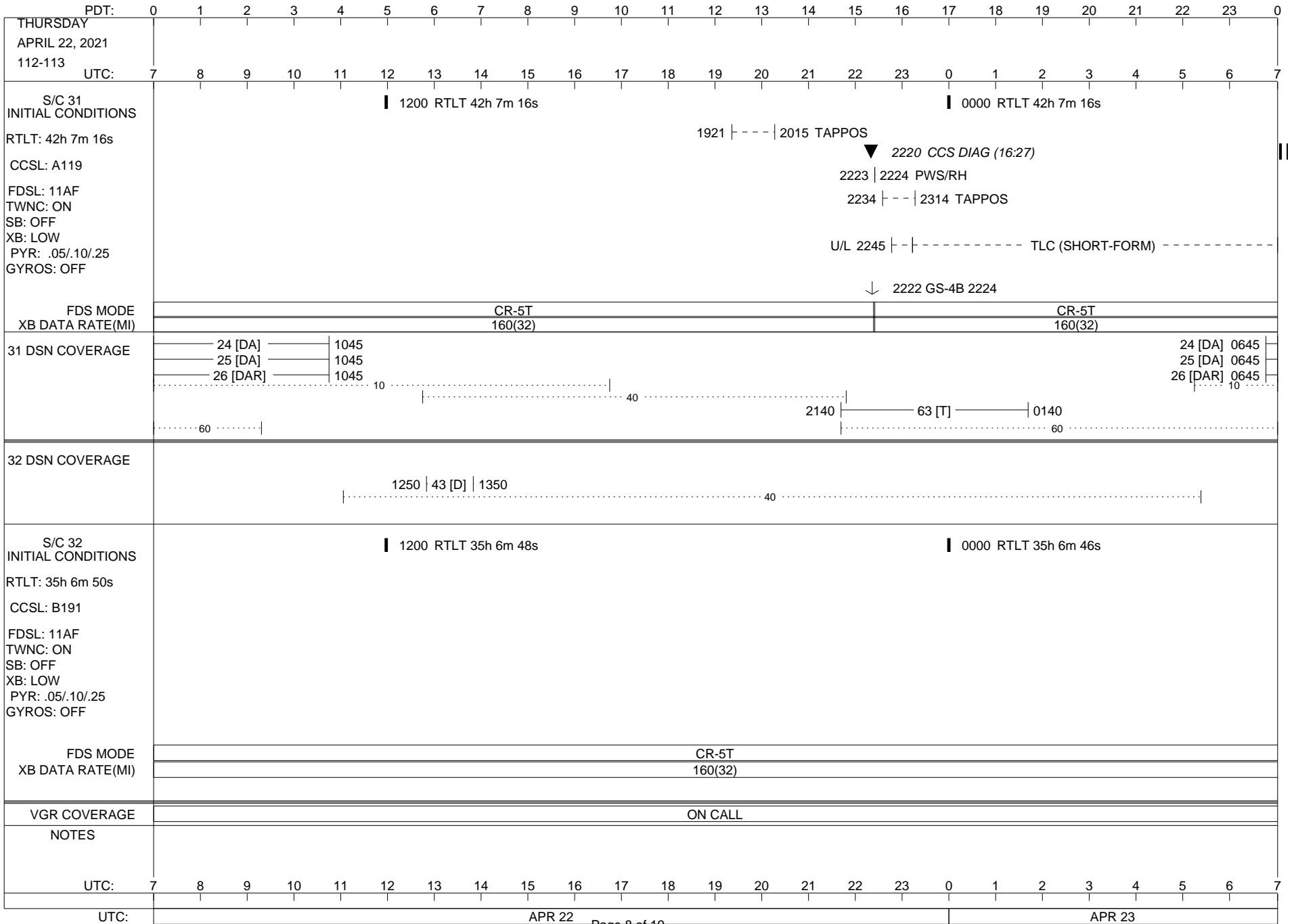


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UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
TUESDAY APRIL 20, 2021 110-111																												
S/C 31 INITIAL CONDITIONS RTLT: 42h 7m 16s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 7m 16s												0000 RTLT 42h 7m 16s															
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: 35h 7m 0s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 6m 58s												0000 RTLT 35h 6m 56s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																											
VGR COVERAGE	ON CALL												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:	APR 20														APR 21													

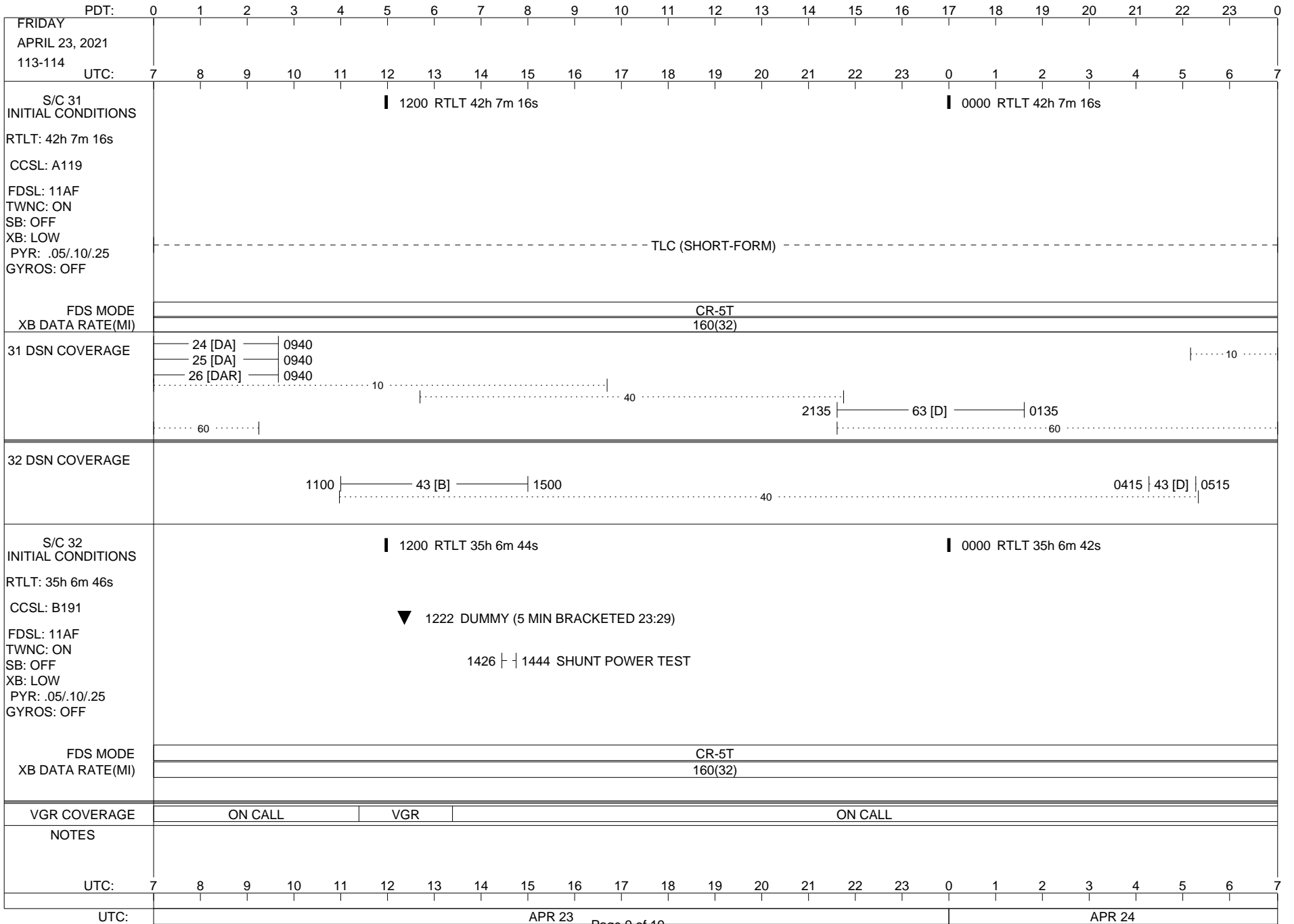
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WEDNESDAY APRIL 21, 2021 111-112																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 42h 7m 16s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 42h 7m 16s												| 0000 RTLT 42h 7m 16s														
FDS MODE													CR-5T														
XB DATA RATE(MI)													160(32)														
31 DSN COVERAGE	.....|										.....|										24 [DA] 0645	25 [DA] 0645	26 [DAR] 0645	
										0030 | 63 [D] | 0130						10
						60
32 DSN COVERAGE										0040 | 43 [D] | 0515						
S/C 32 INITIAL CONDITIONS RTLT: 35h 6m 56s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 35h 6m 52s												| 0000 RTLT 35h 6m 50s														
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:	APR 21													APR 22													

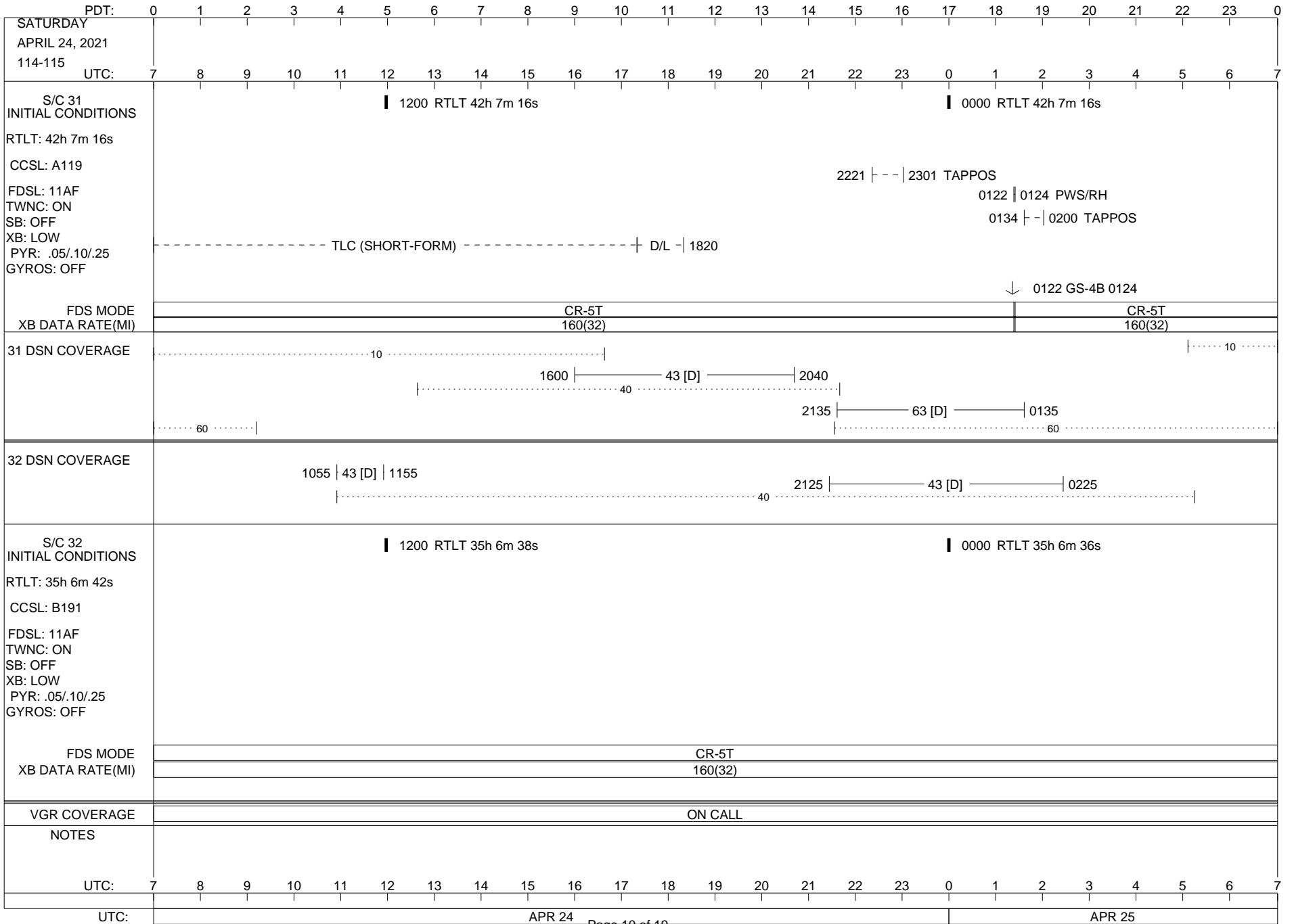
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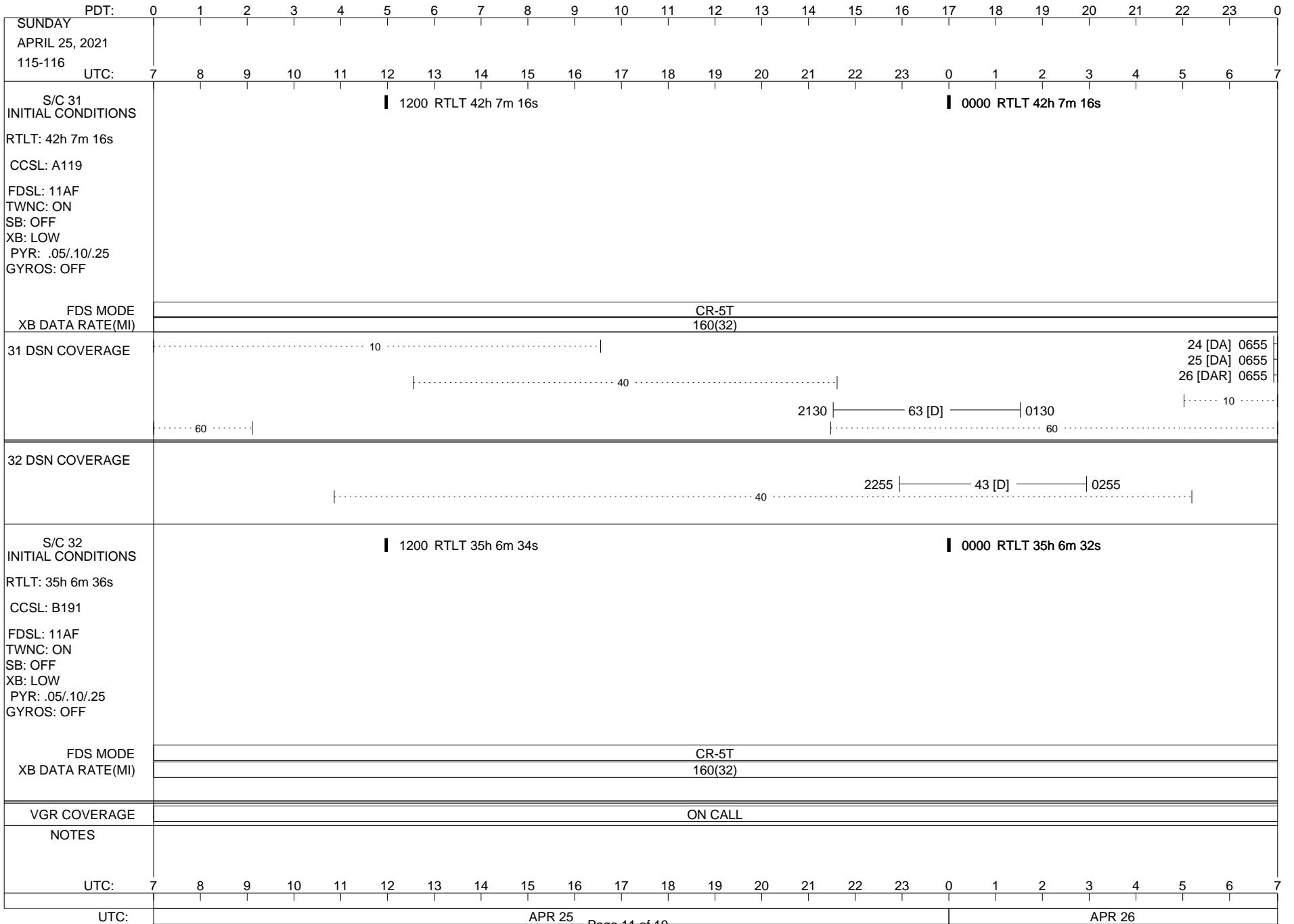
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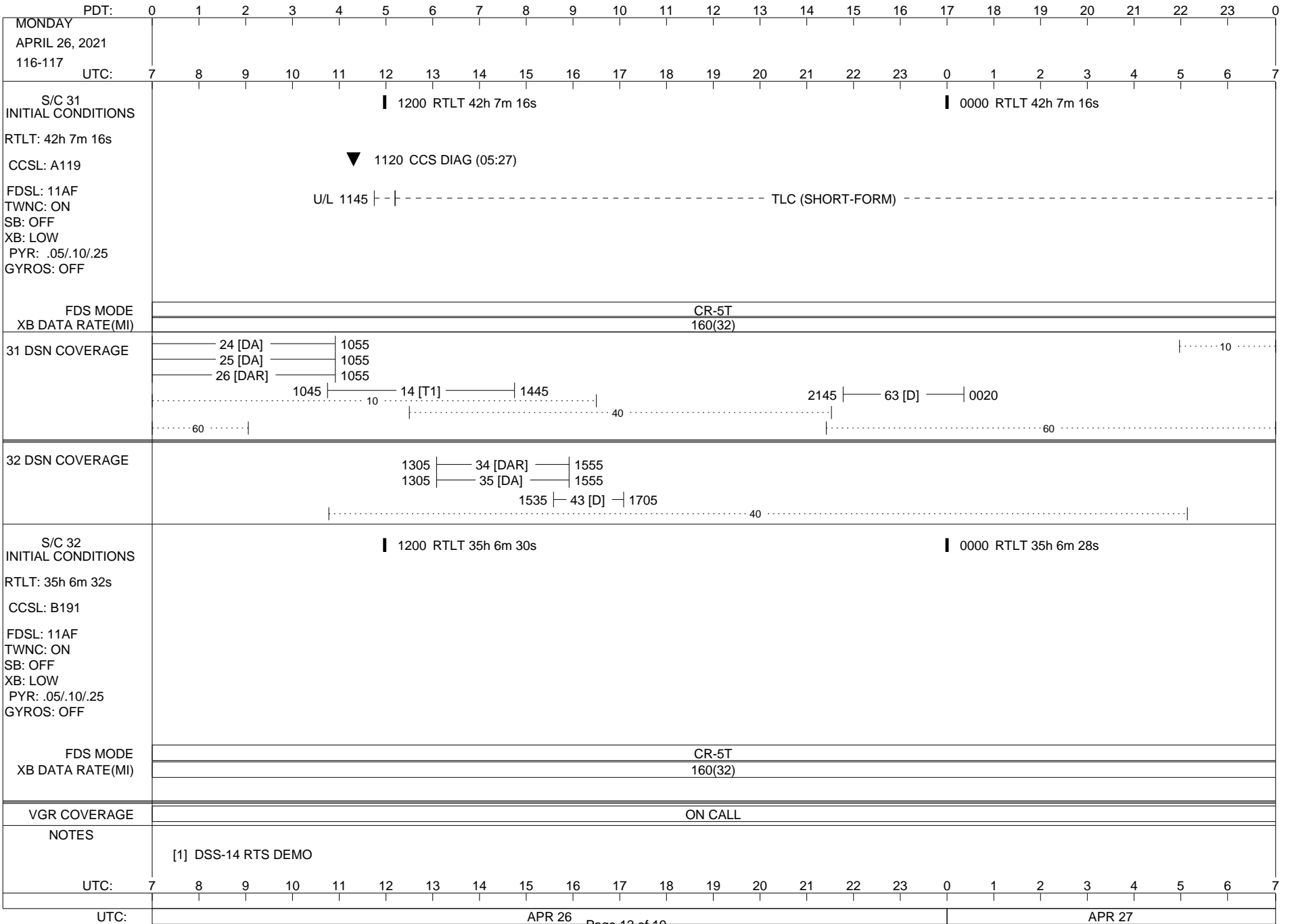
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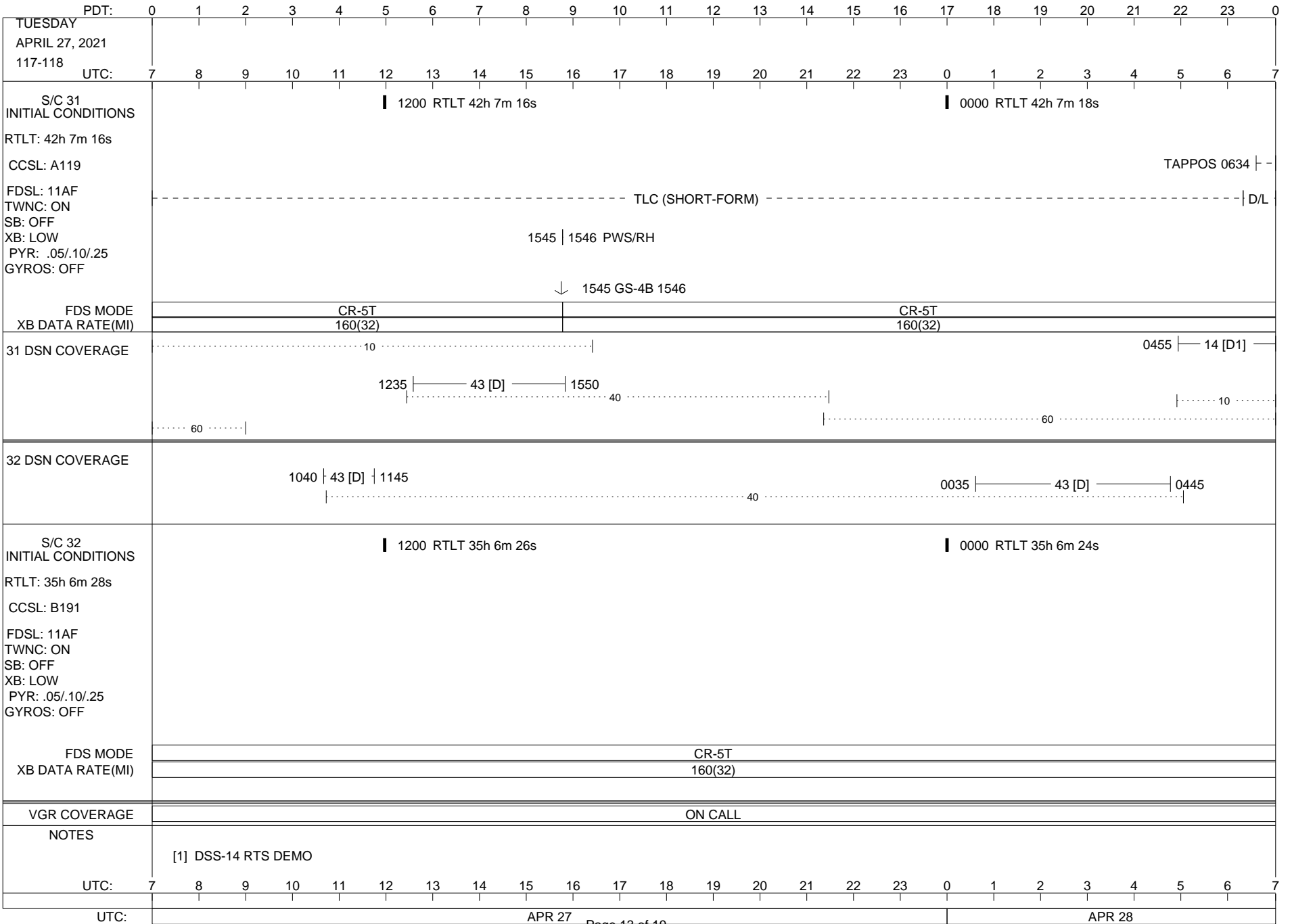
ISSUE DATE: 04/24/21 11:50



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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 APRIL 28, 2021 118-119																									
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: 42h 7m 18s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 7m 18s												0000 RTLT 42h 7m 18s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D1] | 0855 0750 | 24 [DA] | 1150 0750 | 25 [DA] | 1150 0750 | 26 [DAR] | 1150 60 ..... | ..... 40												2130 | 63 [D] | 0030 60 ..... | ..... 60												
32 DSN COVERAGE	1050 | 43 [D] | 1550 40																								
S/C 32 INITIAL CONDITIONS RTLT: 35h 6m 24s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 6m 20s												0000 RTLT 35h 6m 18s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												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:	APR 28												APR 29						APR 29						

ISSUE DATE: 04/24/21 11:50

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
THURSDAY APRIL 29, 2021 119-120	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: 42h 7m 18s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 7m 18s												0000 RTLT 42h 7m 20s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	..... 10 .....												..... 10											
	..... 40 .....												..... 60											
	..... 60 .....												..... 60											
32 DSN COVERAGE	1035 |----- 43 [B] -----| 1435												..... 40											
S/C 32 INITIAL CONDITIONS RTLTL: 35h 6m 18s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 6m 16s												0000 RTLT 35h 6m 14s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												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:	APR 29												APR 30												

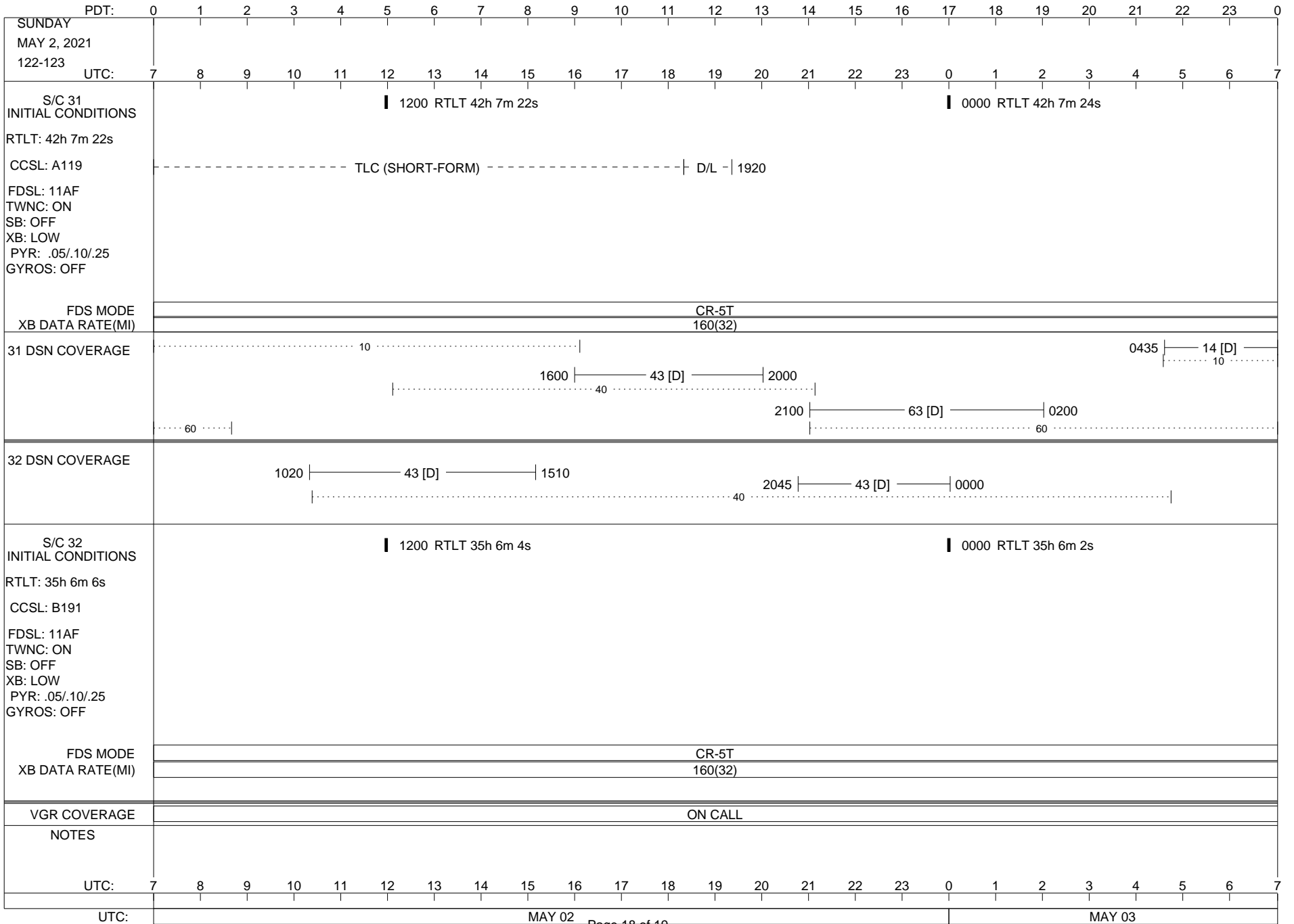
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FRIDAY APRIL 30, 2021 120-121																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 42h 7m 20s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 42h 7m 20s												| 0000 RTLT 42h 7m 20s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	.....10.....|												|.....10.....											
	|.....40.....|												|.....40.....|												
	63 [D] | 0845												2210 | 63 [T] | 0210												
	.....60.....|												|.....60.....											
32 DSN COVERAGE	1030 | 43 [D] | 1400												2140 | 43 [D] | 0350												
	|.....40.....|												|.....40.....|												
S/C 32 INITIAL CONDITIONS RTLT: 35h 6m 14s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 35h 6m 12s												| 0000 RTLT 35h 6m 10s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												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:	APR 30												MAY 01												

ISSUE DATE: 04/24/21 11:50

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			
SATURDAY MAY 1, 2021 121-122	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: 42h 7m 20s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 42h 7m 22s												| 0000 RTLTL 42h 7m 22s															
----- TLC (SHORT-FORM) -----																												
														2157 | | 2212 TAPPOS														
														0059 | 0100 PWS/RH														
														0110 | - | 0139 TAPPOS														
														↓ 0058 GS-4B 0100														
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	.....10.....|										|.....10.....															
										|.....40.....|																		
.....60.....|										|.....60.....																	
										2325 |----- 63 [D] -----| 0350																		
32 DSN COVERAGE	1025 |----- 43 [o] -----| 1625										.....40.....|																	
S/C 32 INITIAL CONDITIONS RTLTL: 35h 6m 10s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 35h 6m 8s												| 0000 RTLTL 35h 6m 8s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												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:	MAY 01														MAY 02													

ISSUE DATE: 04/24/21 11:50



ISSUE DATE: 04/24/21 11:50

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 MAY 3, 2021 123-124																										
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: 42h 7m 24s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 42h 7m 24s																									
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	| 0705 14 [D] .....| | ..... 10 .....| | ..... 40 .....| | ..... 60 .....|																									
32 DSN COVERAGE	1025 |----- 43 [o] -----| 1425																									
S/C 32 INITIAL CONDITIONS RTLT: 35h 6m 2s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 35h 6m 0s																									
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:	MAY 03												MAY 04													