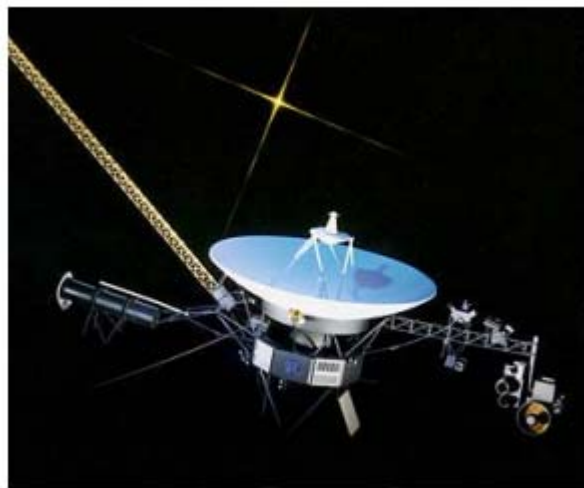


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: April 21, 2021

For the Period: 04/22/21 to 05/10/21 (21/112 – 21/130)



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

LEGEND:

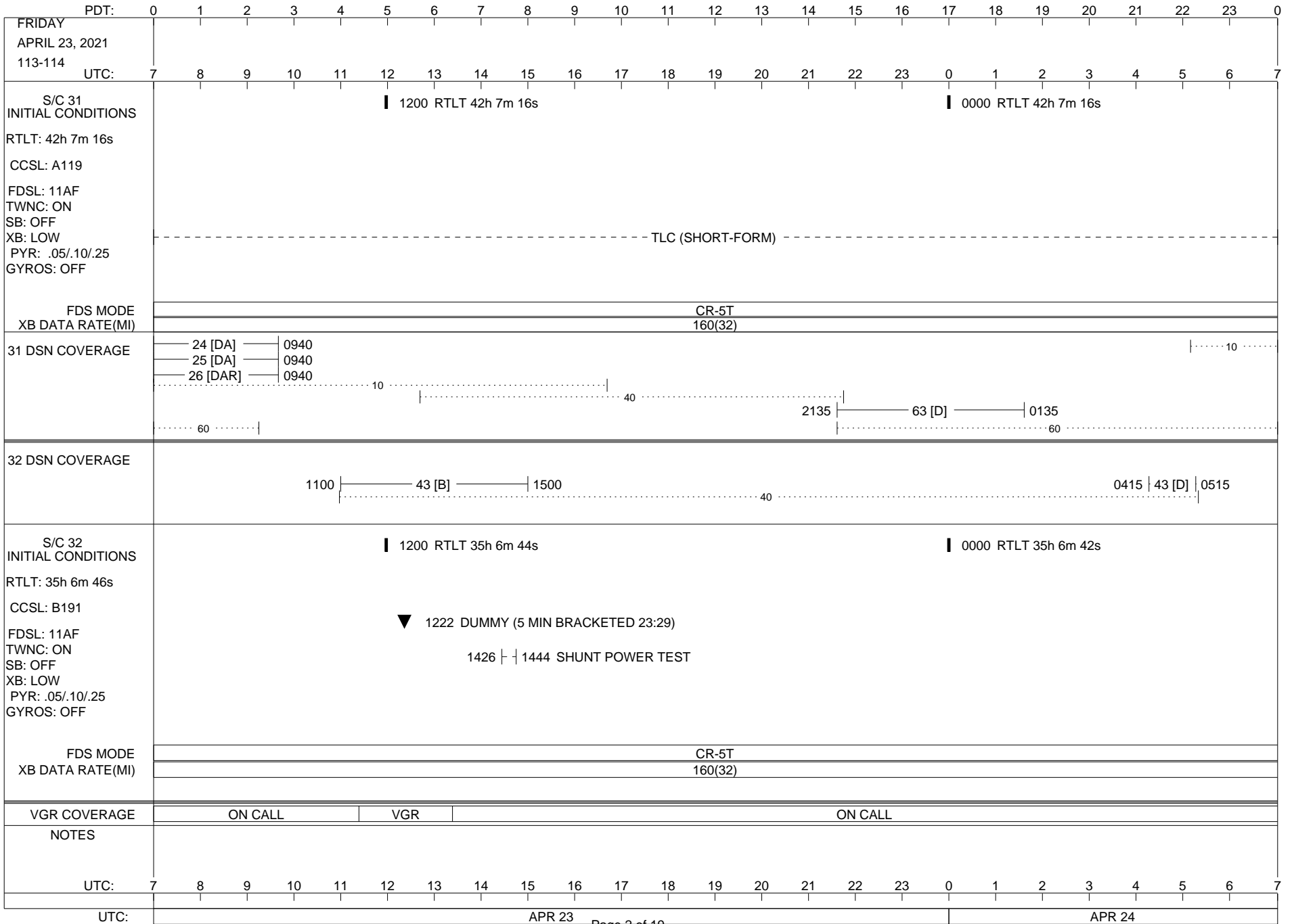
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U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

02/27/19

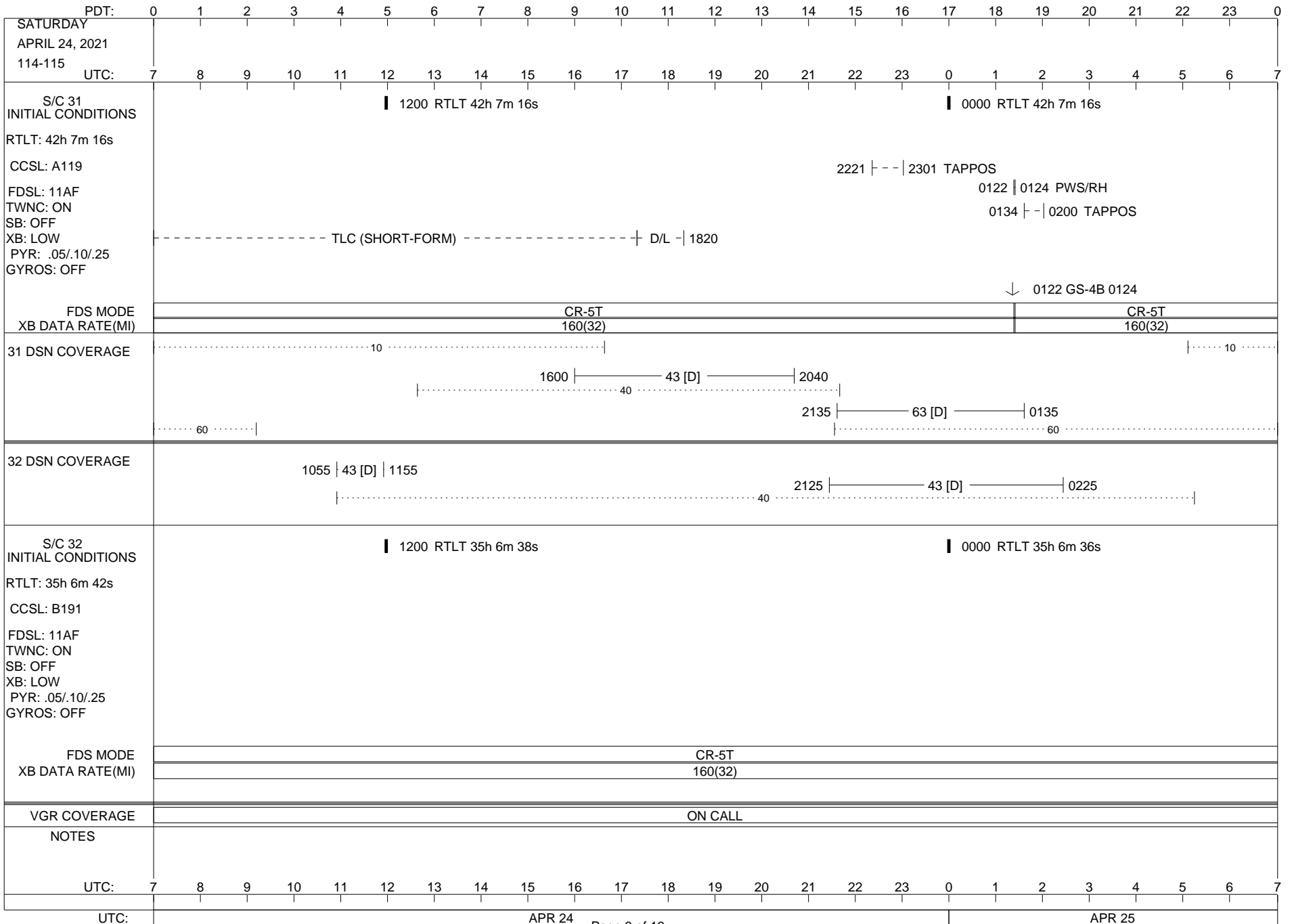
ISSUE DATE: 04/21/21 07:57

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 22, 2021 112-113																									
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												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	24 [DA] 1045 25 [DA] 1045 26 [DAR] 1045 .....10 .....40 .....2140 .....63 [T] .....0140 .....60 .....| .....60												24 [DA] 0645 25 [DA] 0645 26 [DAR] 0645 .....10												
32 DSN COVERAGE	1250 | 43 [D] | 1350.....40.....																								
S/C 32 INITIAL CONDITIONS RTLT: 35h 6m 50s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 6m 48s												0000 RTLT 35h 6m 46s												
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 22												Page 1 of 19						APR 23						

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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 APRIL 25, 2021 115-116	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 XB DATA RATE(MI)	CR-5T 160(32)																									
31 DSN COVERAGE	..... 10										24 [DA] 0655 25 [DA] 0655 26 [DAR] 0655														
	|..... 40										2130 |----- 63 [D] -----| 0130 |..... 10														
	..... 60 .....										|..... 60													
32 DSN COVERAGE	|..... 40										2255 |----- 43 [D] -----| 0255														
S/C 32 INITIAL CONDITIONS RTLT: 35h 6m 36s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 6m 34s												0000 RTLT 35h 6m 32s													
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:	APR 25													APR 26												

ISSUE DATE: 04/21/21 07:57

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 APRIL 27, 2021 117-118	
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 FDS MODE XB DATA RATE(MI)	1200 RTLT 42h 7m 16s 0000 RTLT 42h 7m 18s TAPPOS 0634 | - ----- TLC (SHORT-FORM) ----- | D/L 1545 | 1546 PWS/RH ↓ 1545 GS-4B 1546 CR-5T 160(32) CR-5T 160(32)
31 DSN COVERAGE	..... 10 ..... | ..... 0455 | 14 [D1] 1235 | 43 [D] | 1550 40 ..... | ..... 60 60 ..... | ..... 60
32 DSN COVERAGE	1040 | 43 [D] | 1145 40 0035 | 43 [D] | 0445
S/C 32 INITIAL CONDITIONS RTLT: 35h 6m 28s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF FDS MODE XB DATA RATE(MI)	1200 RTLT 35h 6m 26s 0000 RTLT 35h 6m 24s CR-5T 160(32)
VGR COVERAGE	ON CALL
NOTES	[1] DSS-14 RTS DEMO
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 27 | APR 28	

ISSUE DATE: 04/21/21 07:57

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

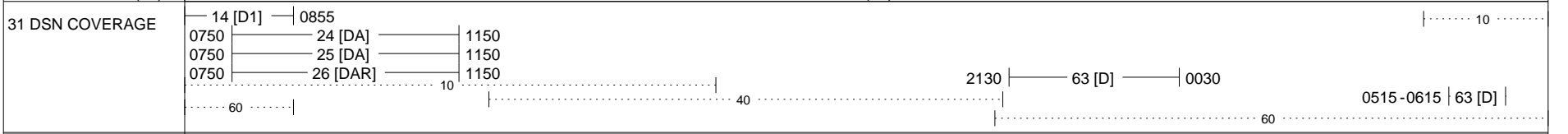
1200 RTLT 42h 7m 18s
0000 RTLT 42h 7m 18s

0745 TAPPOS
0720 D/L
0801 |--- MAGCAL ---| 1103
0801 |---- PESCAL ----| 1121

2222 NO-OP BL PLAYBACKS
2227 | 2228 CCS SID MRO
2327 | 2328 CCS SID MRO - REDUNDANT

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)



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
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

ISSUE DATE: 04/21/21 07:57

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												

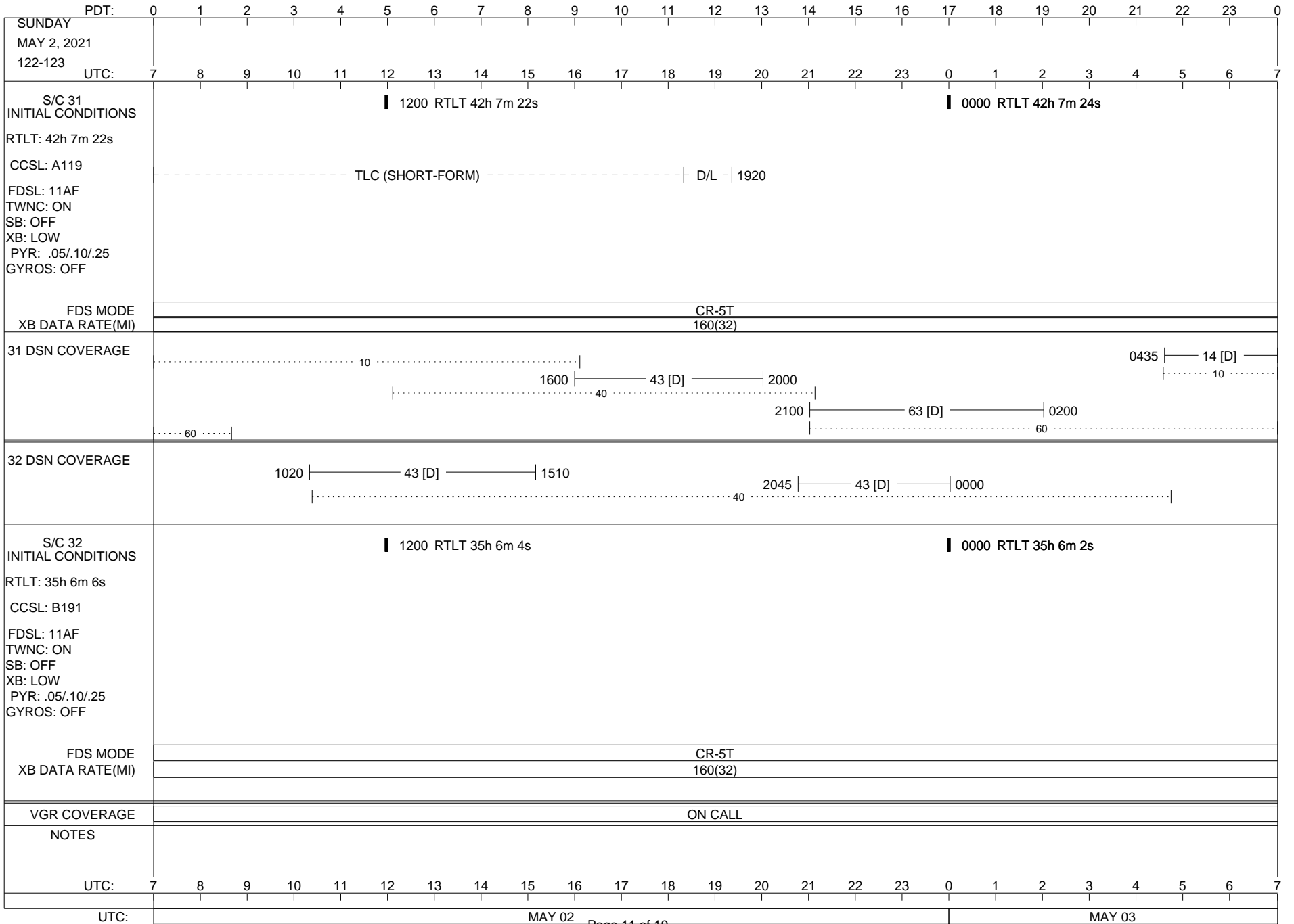
ISSUE DATE: 04/21/21 07:57

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 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 XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	.....10.....|												|.....10.....											
	|-----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 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:	APR 30												MAY 01												

ISSUE DATE: 04/21/21 07:57

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 RTLT 42h 7m 22s												| 0000 RTLT 42h 7m 22s															
----- TLC (SHORT-FORM) -----																												
														2157 | | 2212 TAPPOS														
														0058 | 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.....|										2325 |-----63 [D]-----|0350																		
										.....60.....																	
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 RTLT 35h 6m 8s												| 0000 RTLT 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													

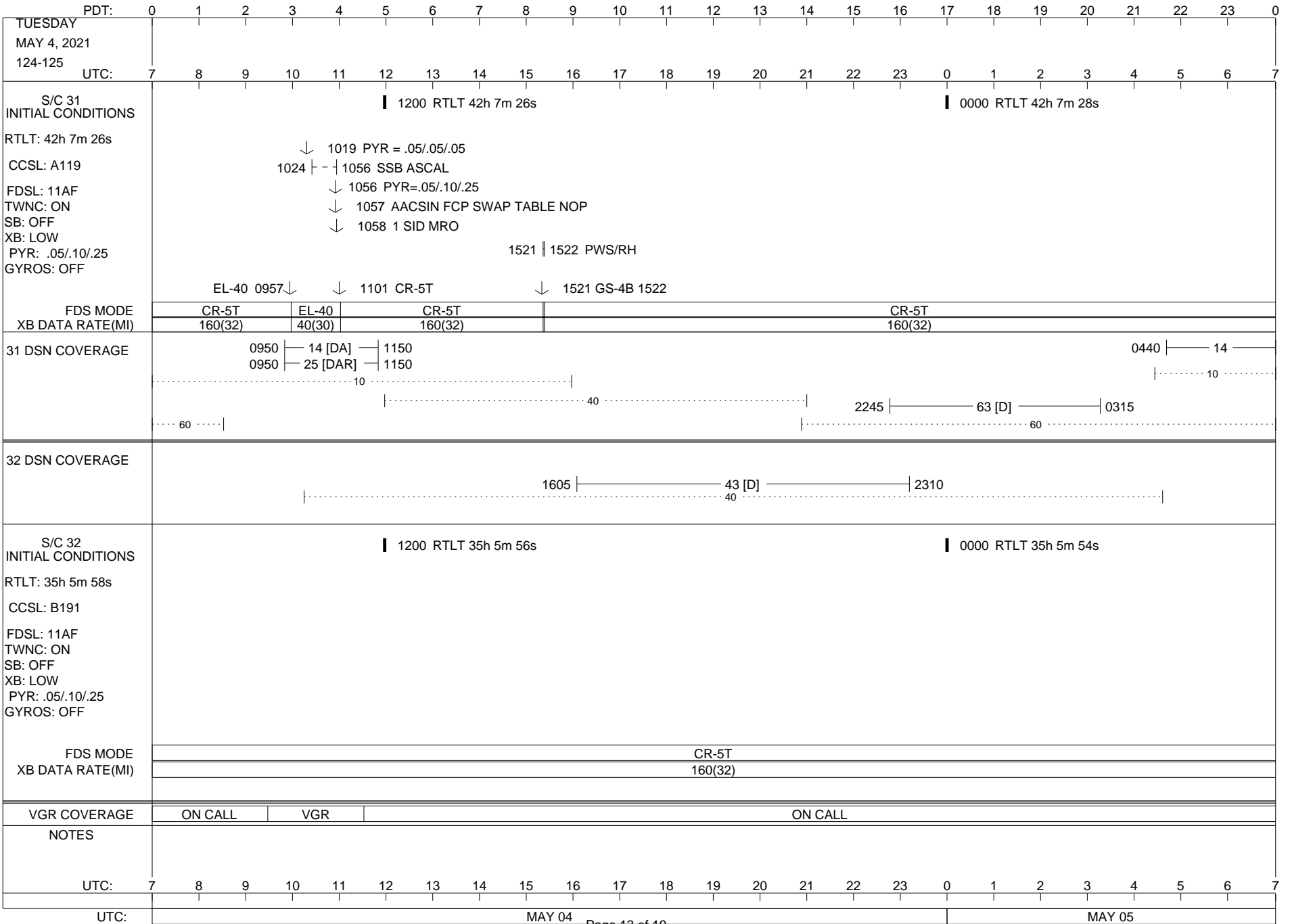
ISSUE DATE: 04/21/21 07:57



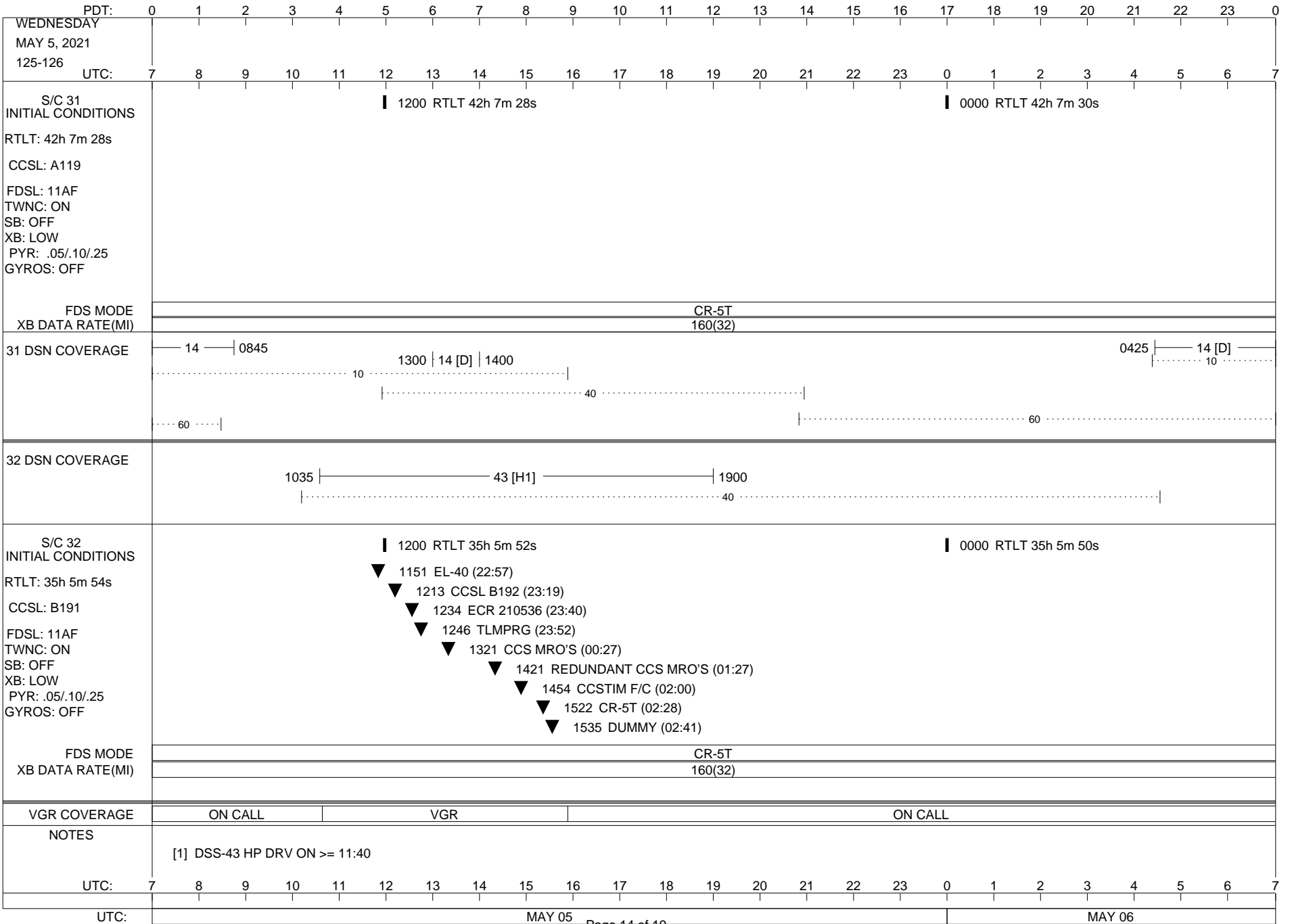
ISSUE DATE: 04/21/21 07:57

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 RTLTL: 42h 7m 24s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 42h 7m 24s												█ 0000 RTLTL 42h 7m 26s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	<p>0705 14 [D] |-----10-----|-----40-----|-----2100-----|-----63 [D]-----|-----0200-----|-----10-----|-----60-----|-----60-----|</p>																								
32 DSN COVERAGE	<p>1025 |-----43 [o]-----|-----1425-----|-----40-----|-----40-----|</p>																								
S/C 32 INITIAL CONDITIONS RTLTL: 35h 6m 2s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 35h 6m 0s												█ 0000 RTLTL 35h 5m 58s												
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												

ISSUE DATE: 04/21/21 07:57



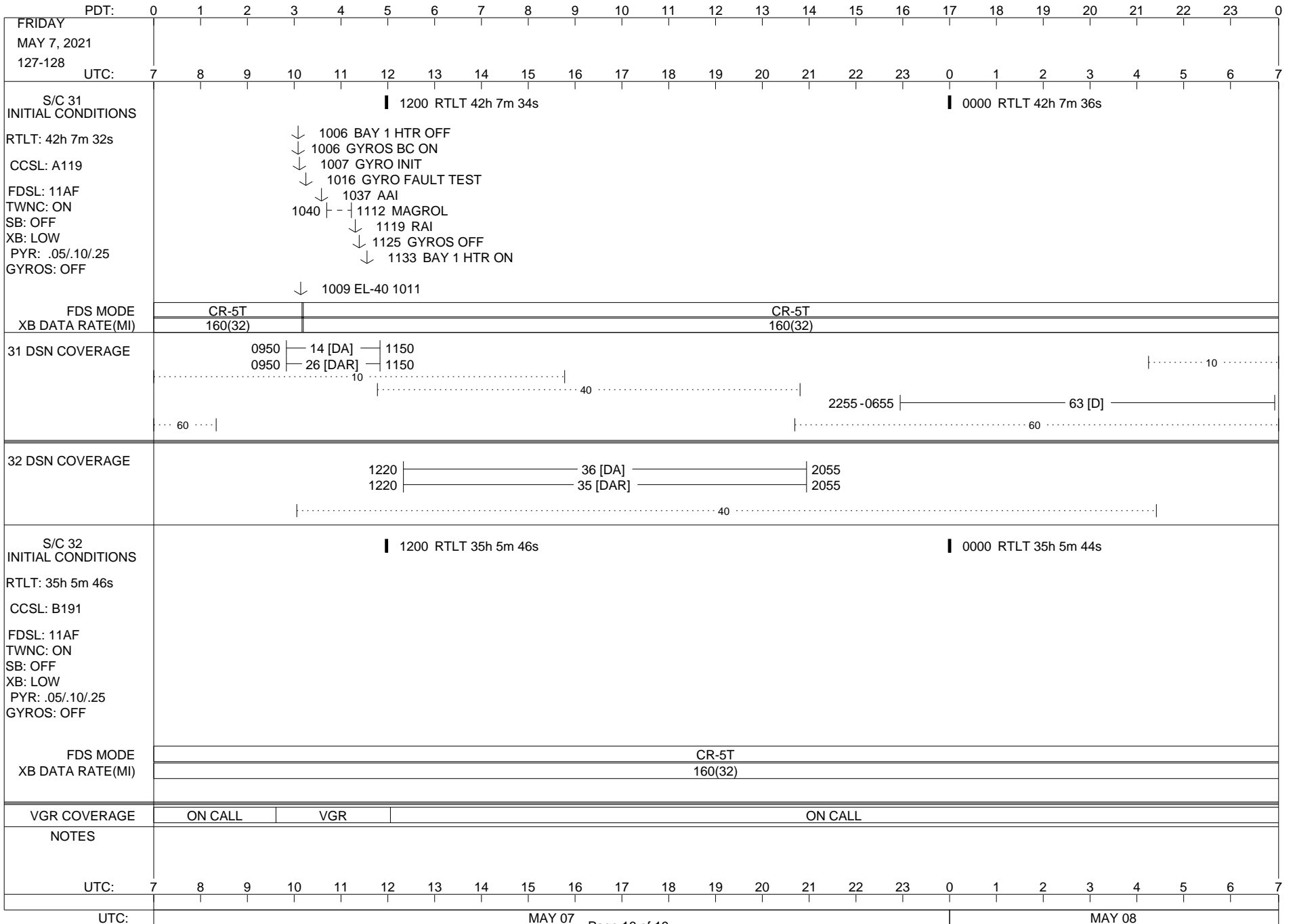
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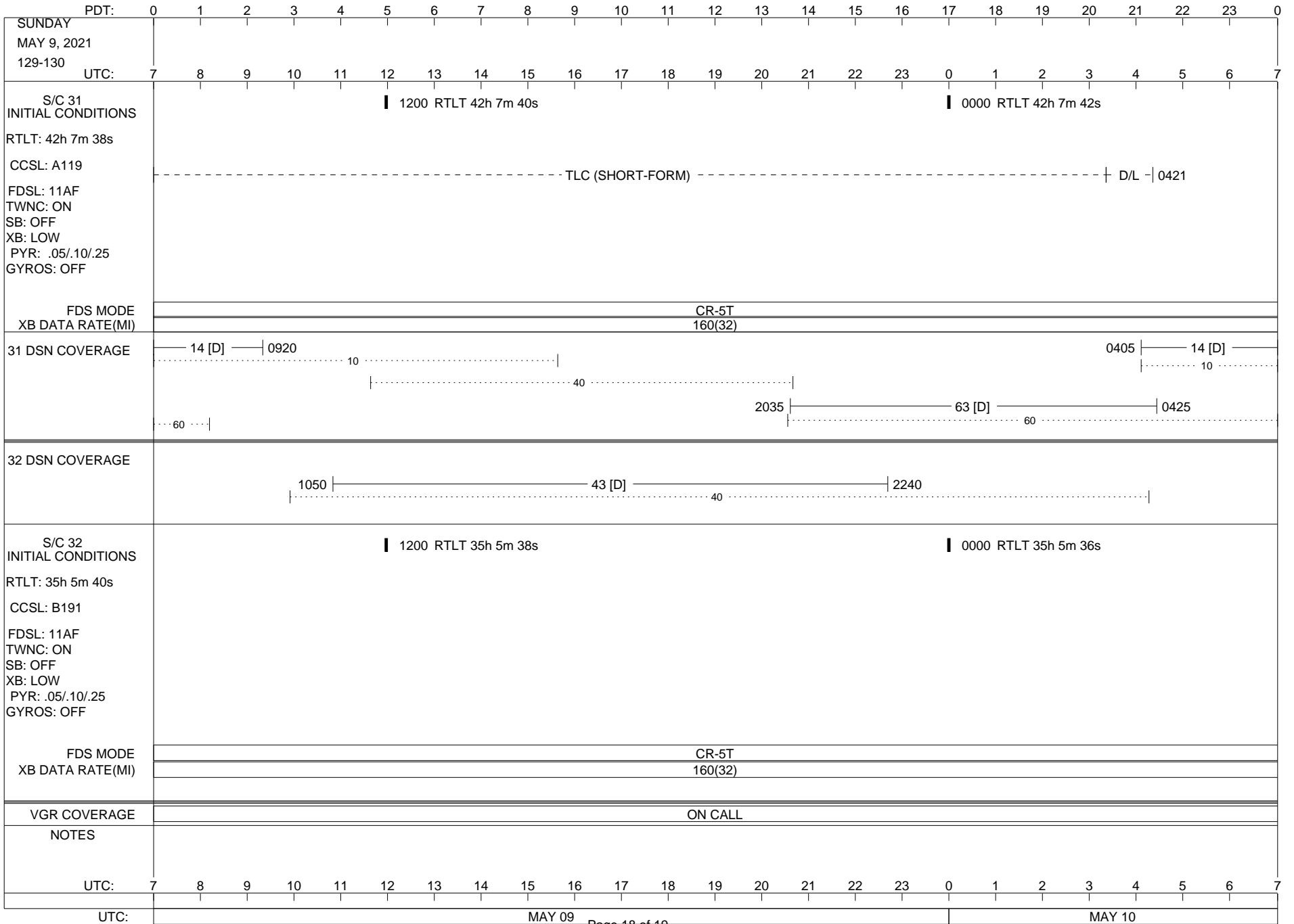
ISSUE DATE: 04/21/21 07:57

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THURSDAY MAY 6, 2021 126-127																									
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 30s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 7m 32s												0000 RTLT 42h 7m 32s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] 0915												2245 63 [D] 0300												
32 DSN COVERAGE	1005 43 [D] 1405												2230 43 [D] 0430												
S/C 32 INITIAL CONDITIONS RTLT: 35h 5m 50s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 5m 48s												0000 RTLT 35h 5m 46s												
FDS MODE	CR-5T												EL-40				CR-5T								
XB DATA RATE(MI)	160(32)												40(30)				160(32)								
VGR COVERAGE	ON CALL												VGR				ON CALL								
NOTES	[1] S/C 32=EL-40 @ 22:58 XB=40(30) [2] S/C 32=CR-5T @ 02:29 XB=160(32)																								
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 06												MAY 07												

ISSUE DATE: 04/21/21 07:57



ISSUE DATE: 04/21/21 07:57



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