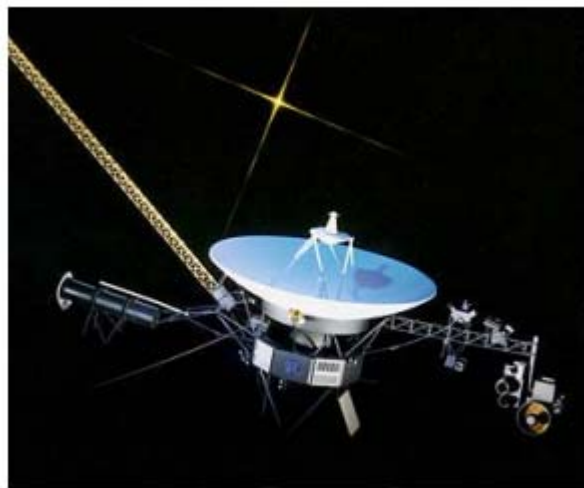


# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: April 27, 2021

For the Period: 04/29/21 to 05/17/21 (21/119 – 21/137)



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: 05/03/21 09:23

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.....												.....0245.....63 [D].....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												

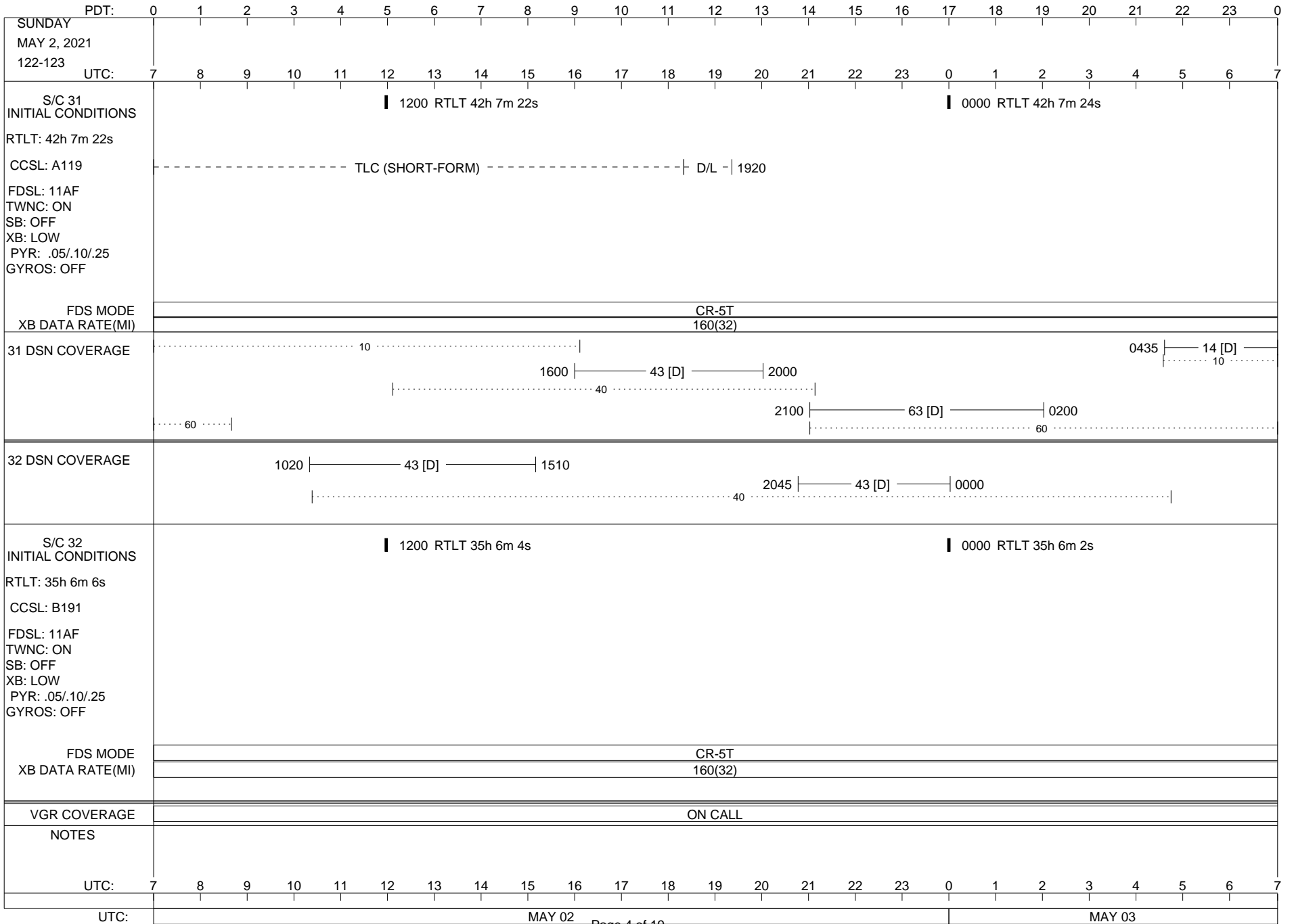
ISSUE DATE: 05/03/21 09:23

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 RTLTL: 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)												CR-5T 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 RTLTL: 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)												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												

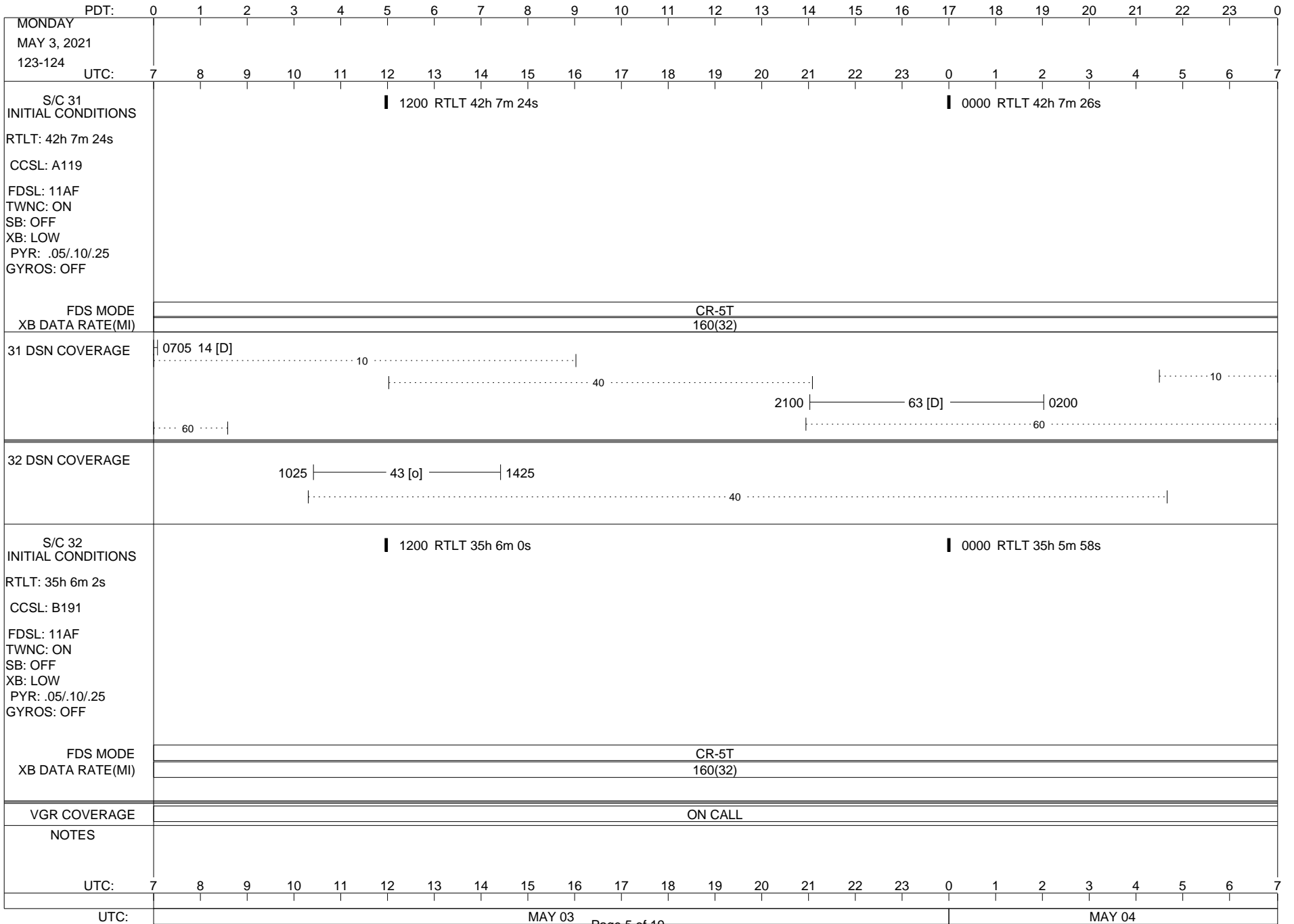
ISSUE DATE: 05/03/21 09:23

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												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	.....10.....												.....10.....												
	.....40.....												.....60.....												
	.....60.....												.....60.....												
	.....2325.....												.....63 [D].....												
	.....0350.....												.....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 XB DATA RATE(MI)	CR-5T 160(32)												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 01												MAY 02												

ISSUE DATE: 05/03/21 09:23

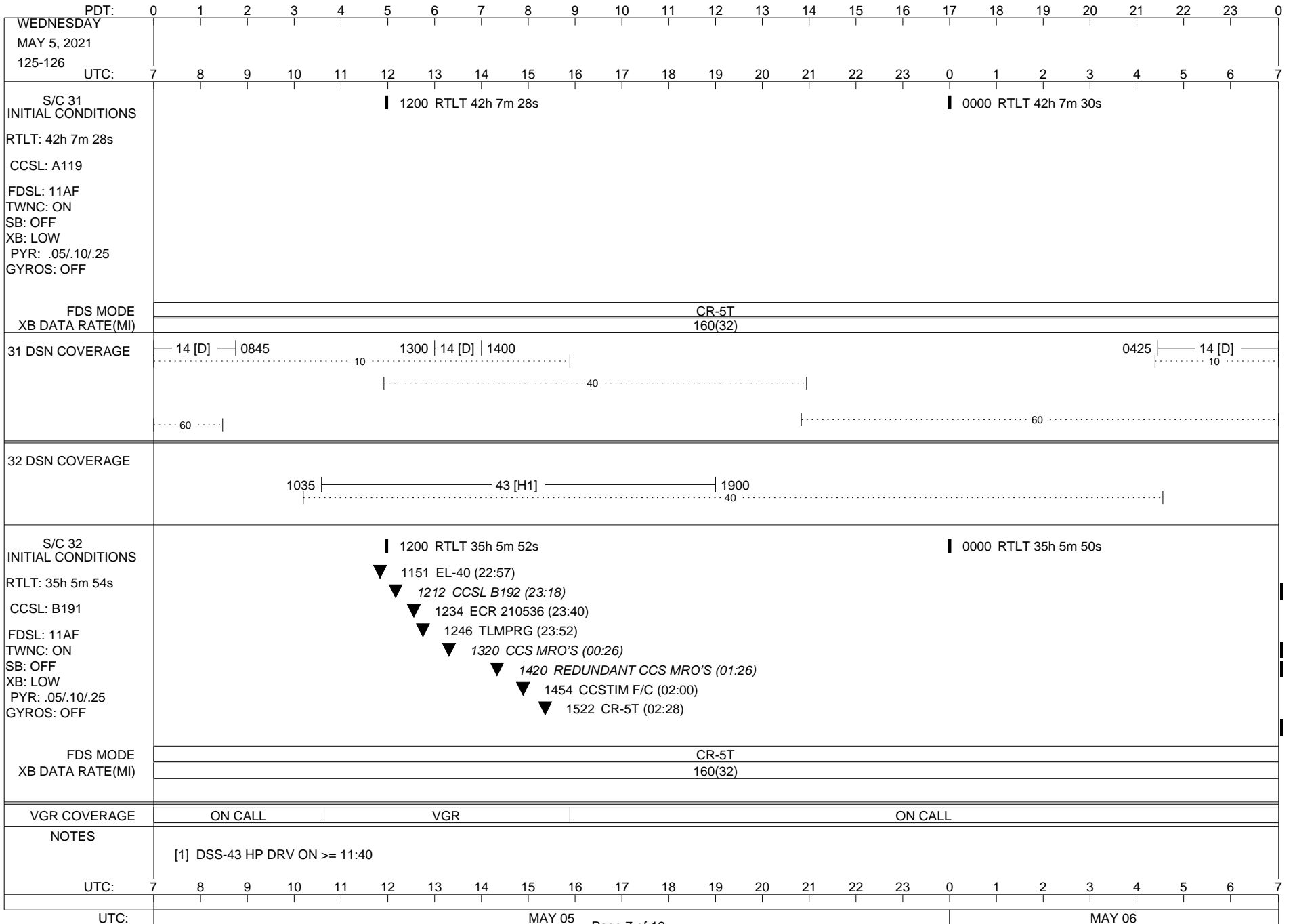


ISSUE DATE: 05/03/21 09:23





ISSUE DATE: 05/03/21 09:23

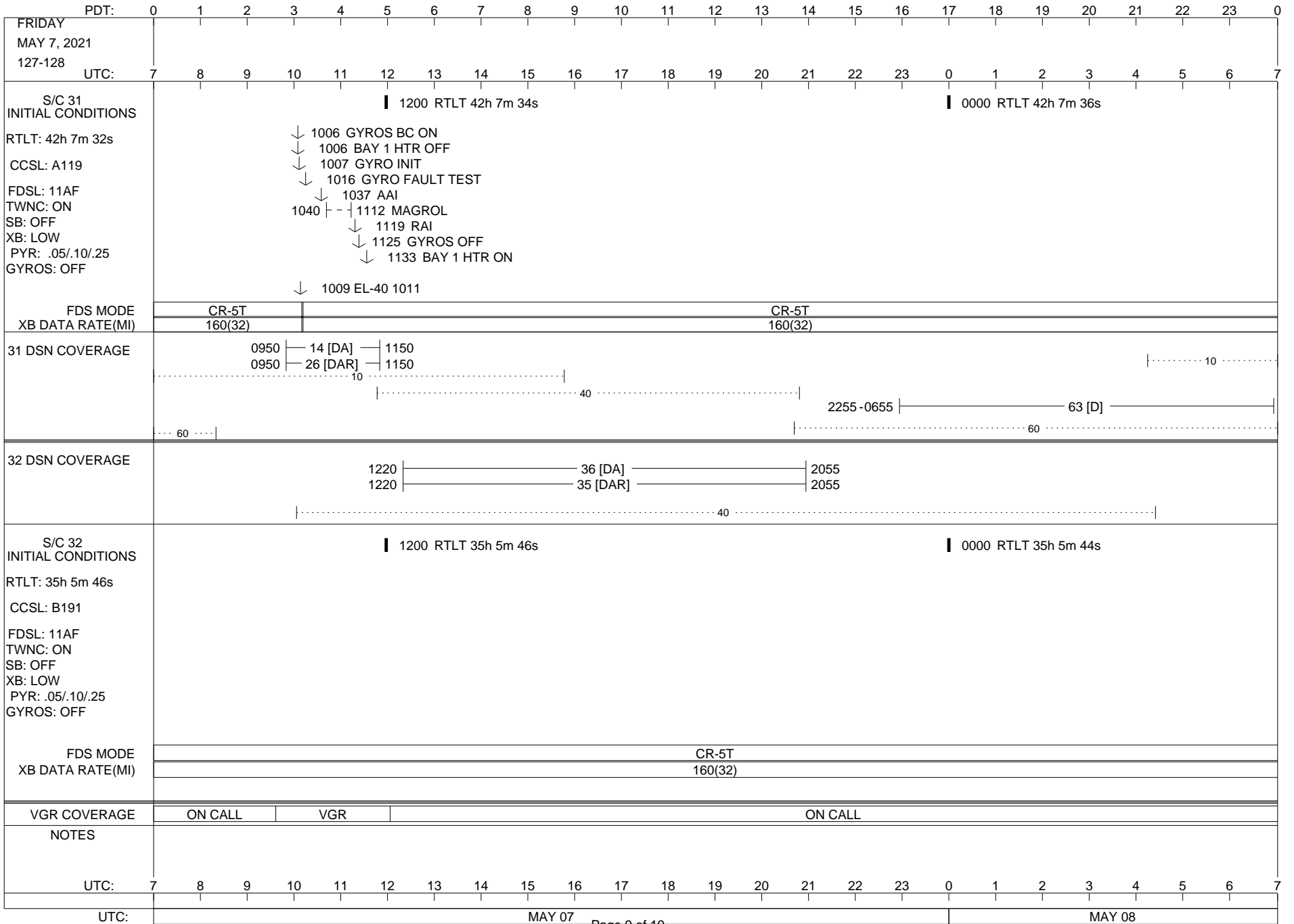




ISSUE DATE: 05/03/21 09:23

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 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													

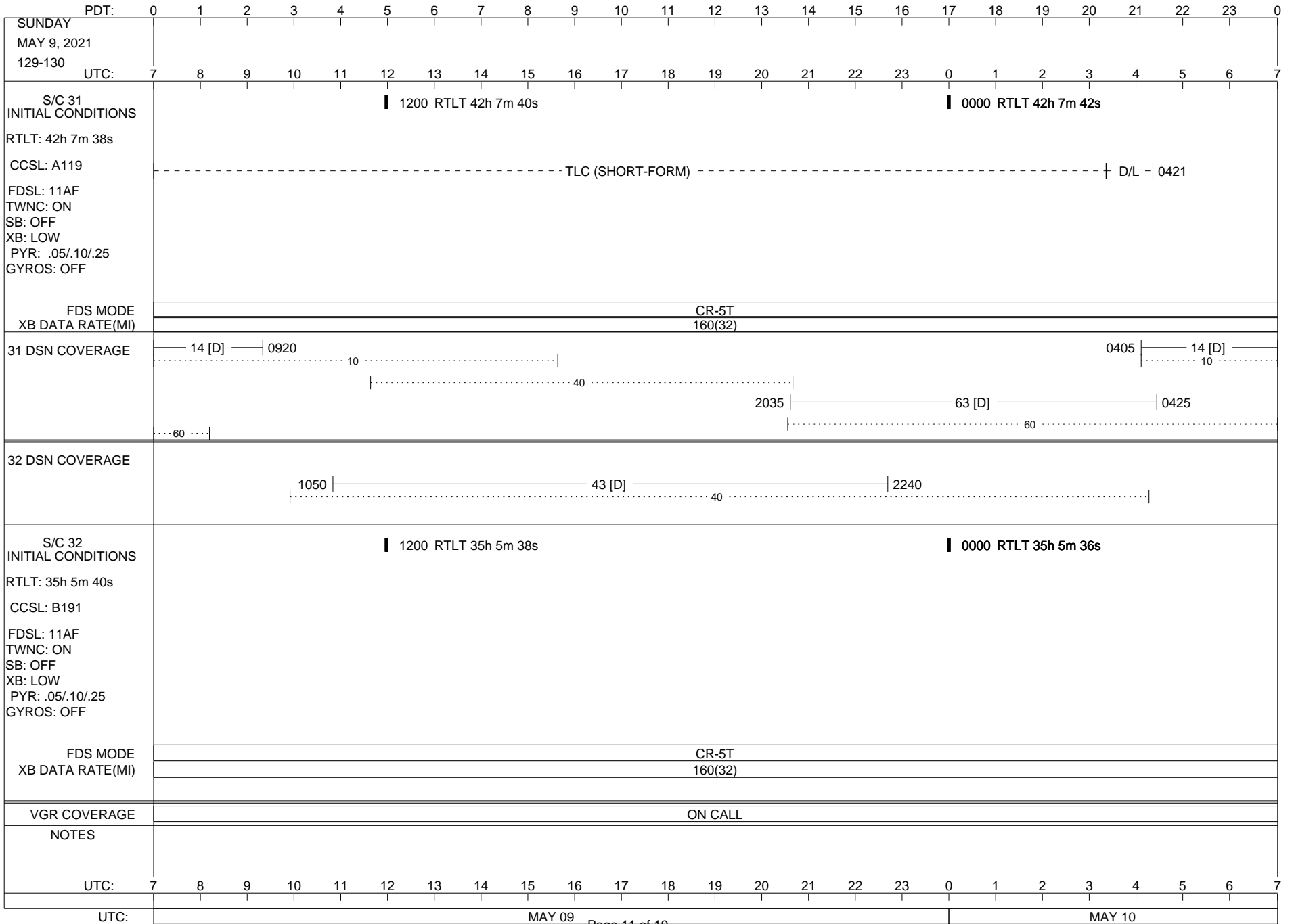
ISSUE DATE: 05/03/21 09:23



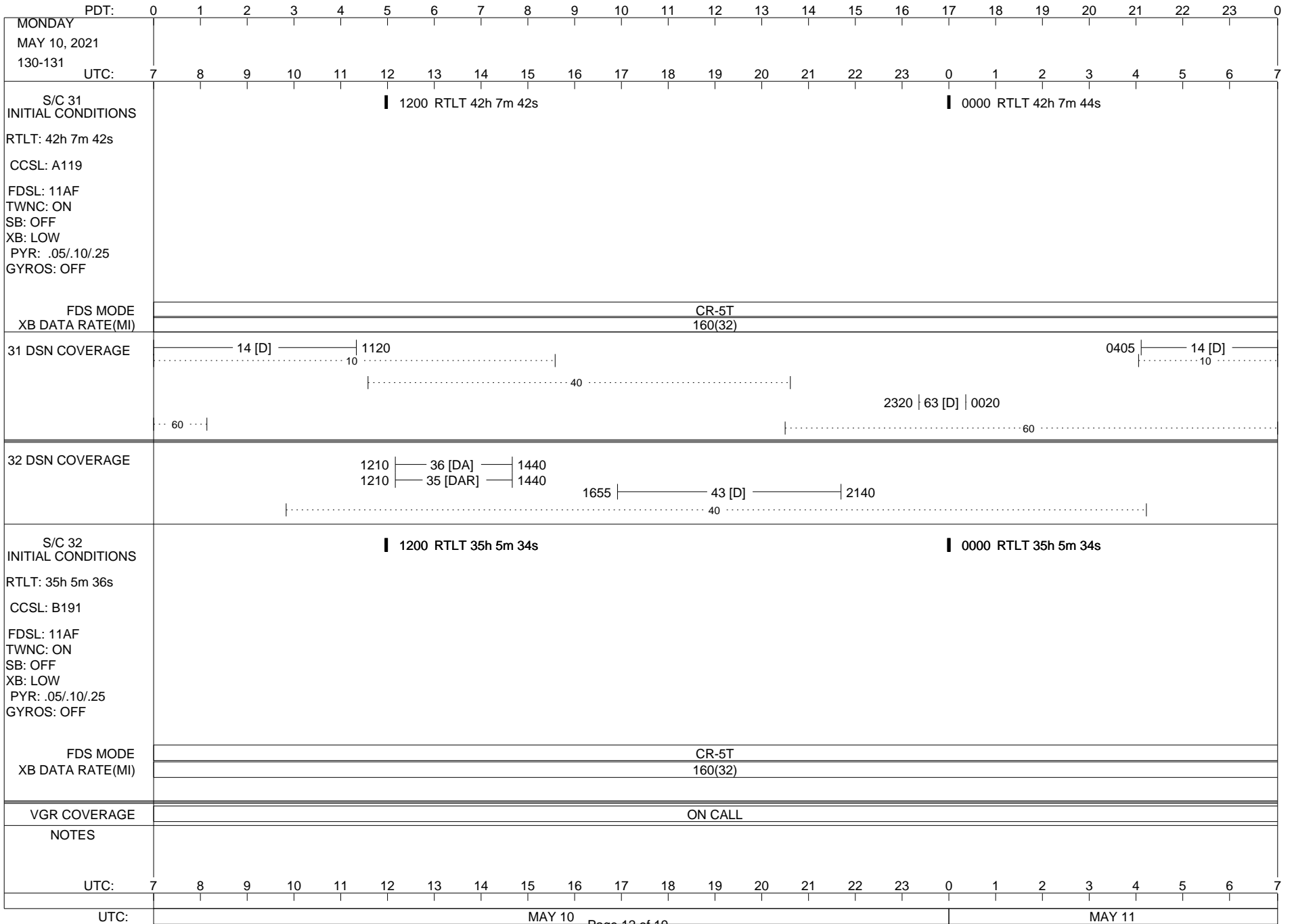
ISSUE DATE: 05/03/21 09:23

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 8, 2021 128-129	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 36s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 42h 7m 36s												0000 RTLTL 42h 7m 38s												
U/L 0845   -	----- TLC (SHORT-FORM) -----																								
	2133   - - -   2229 TAPPOS												0034   0036 PWS/RH 0046   - - - -   0157 TAPPOS												
	↓ 0034 GS-4B 0036																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [T]   0705-0915												0410   14 [D]												
	..... 10 .....												..... 10 .....												
	..... 40 .....												..... 40 .....												
	..... 60 .....												2255   63 [D]   0215												
	..... 60 .....												..... 60 .....												
32 DSN COVERAGE	1020   43 [o]   1525												..... 40 .....												
S/C 32 INITIAL CONDITIONS RTLTL: 35h 5m 44s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 35h 5m 42s												0000 RTLTL 35h 5m 40s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												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:	MAY 08												MAY 09												

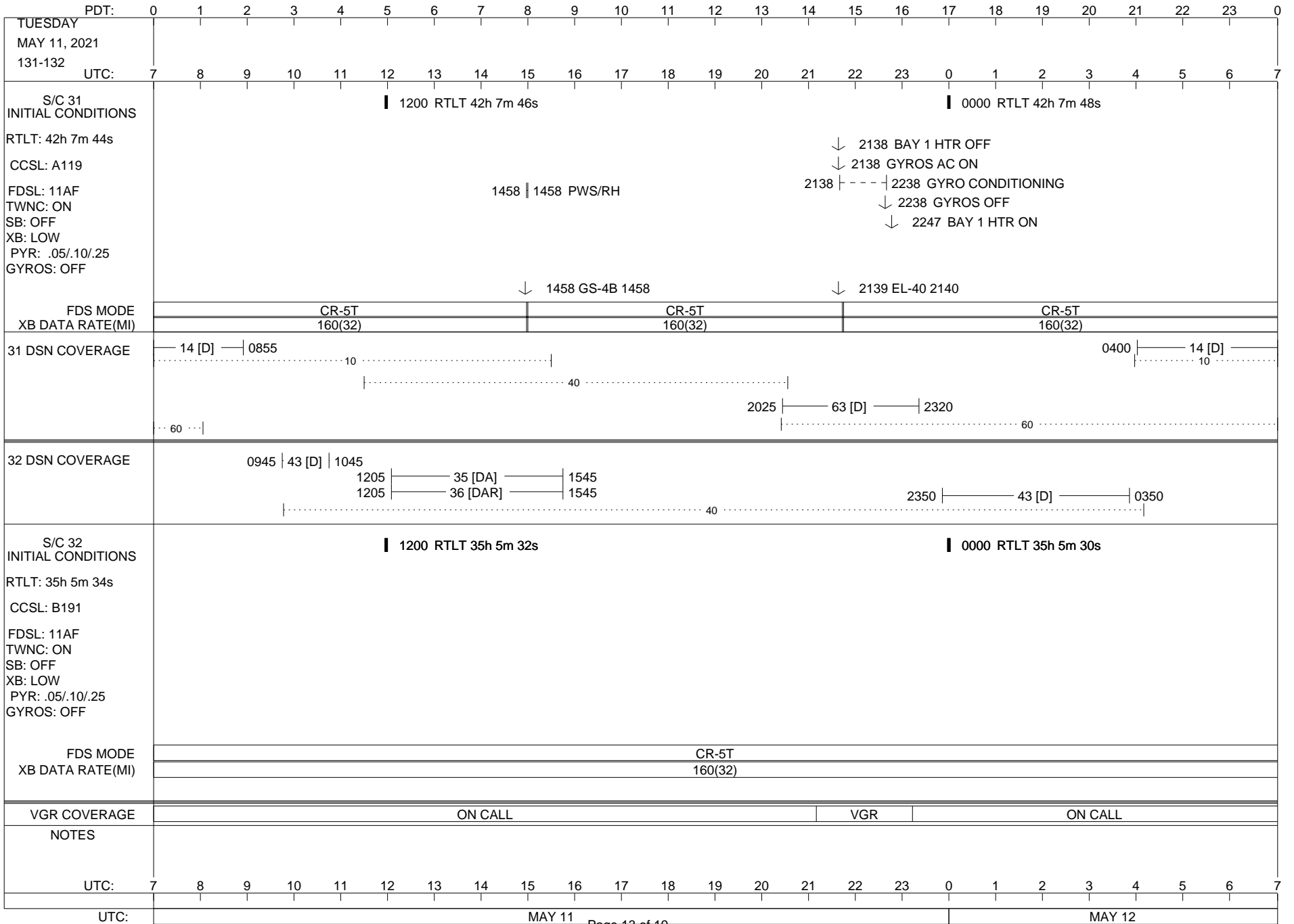
ISSUE DATE: 05/03/21 09:23



ISSUE DATE: 05/03/21 09:23



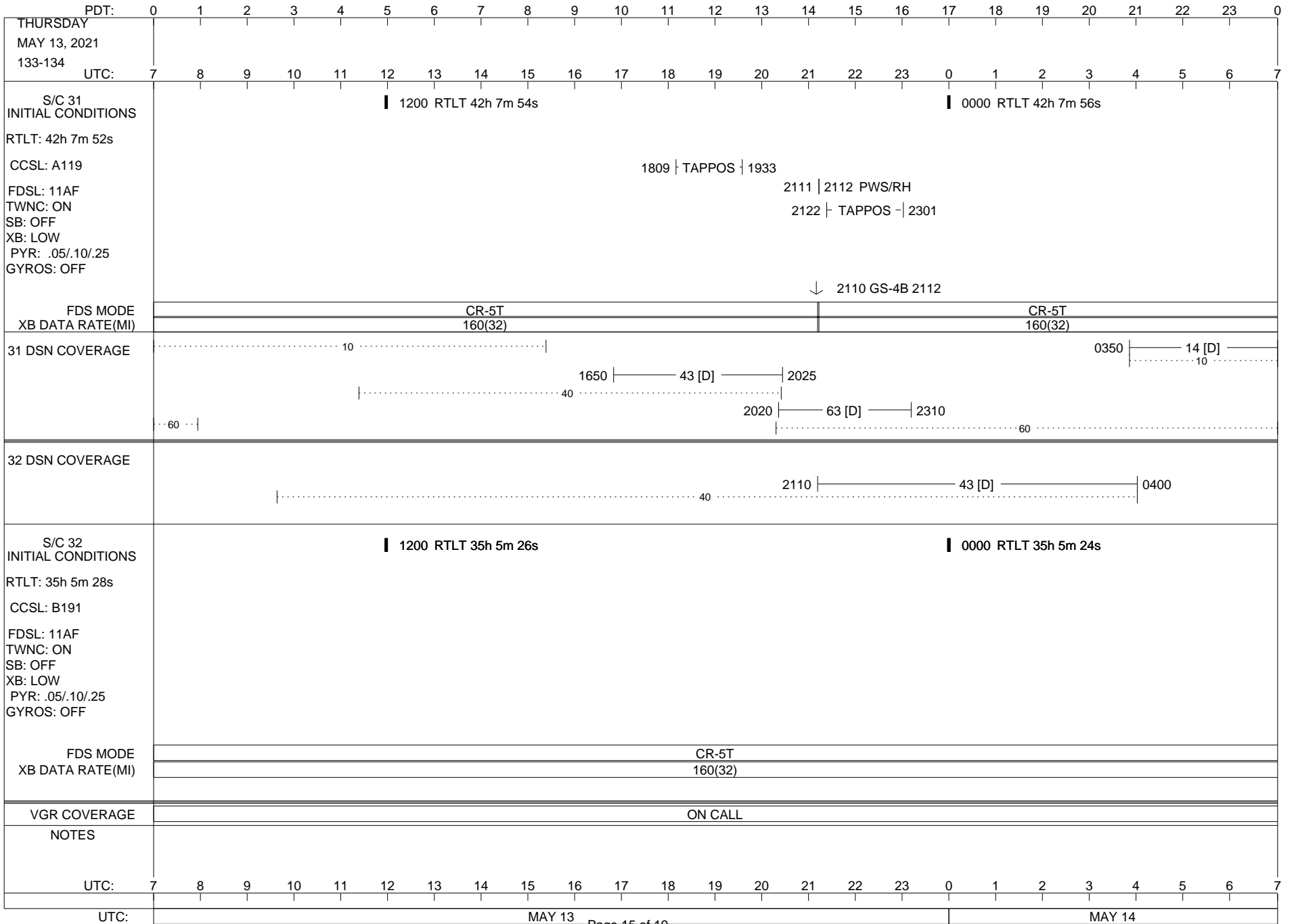
ISSUE DATE: 05/03/21 09:23



ISSUE DATE: 05/03/21 09:23

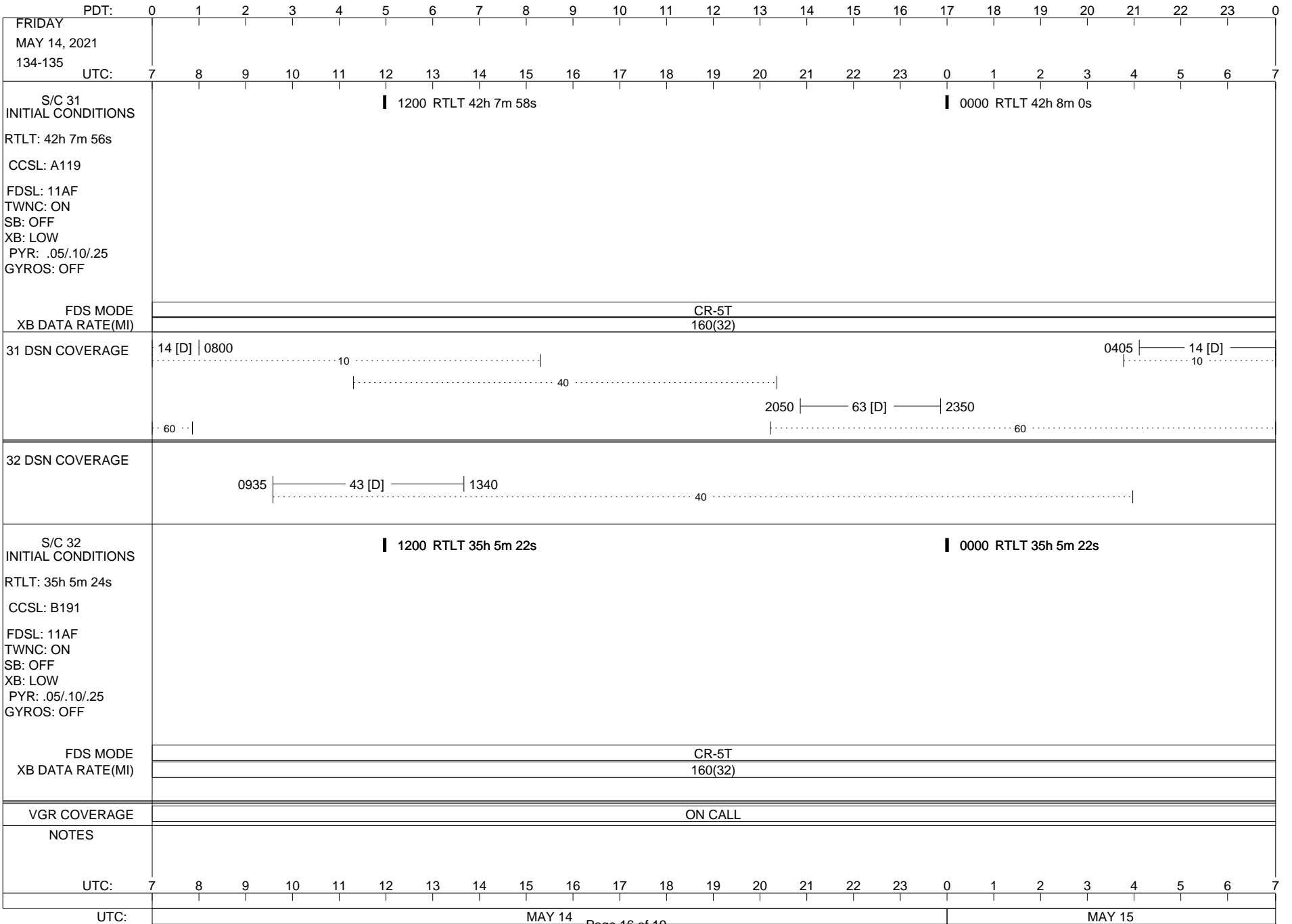
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0			
WEDNESDAY MAY 12, 2021 132-133																												
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLT: 42h 7m 48s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 42h 7m 50s												█ 0000 RTLT 42h 7m 52s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	14 [D]   0800												..... 10 .....															
	..... 10 .....												..... 40 .....															
	..... 60 .....												..... 2200 ..... 63 [D] .....   0200															
													..... 60 .....															
32 DSN COVERAGE	..... 1110 .....												..... 43 [H1] .....   0155															
	..... 40 .....																											
S/C 32 INITIAL CONDITIONS RTLT: 35h 5m 30s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 35h 5m 28s												█ 0000 RTLT 35h 5m 28s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
VGR COVERAGE	ON CALL						VGR						ON CALL															
NOTES	[1] B192 BACKUP U/L SUPPORT, HP DRV ON >= 11:10																											
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 12														MAY 13													

ISSUE DATE: 05/03/21 09:23





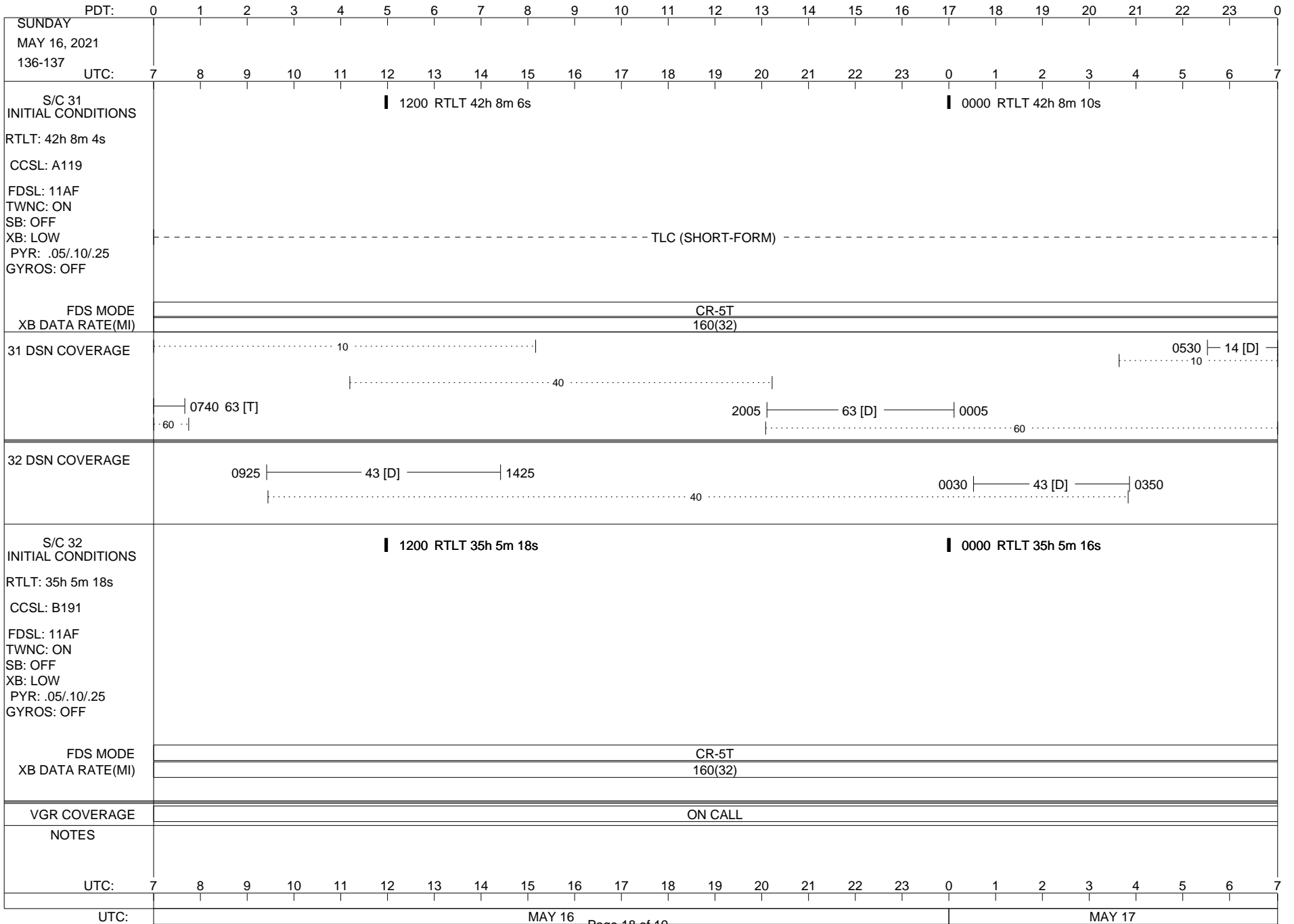
ISSUE DATE: 05/03/21 09:23



ISSUE DATE: 05/03/21 09:23

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		
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		
SATURDAY MAY 15, 2021 135-136																												
S/C 31 INITIAL CONDITIONS RTLTL: 42h 8m 0s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 42h 8m 2s												0000 RTLT 42h 8m 4s														
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)												CR-5T 160(32)														
31 DSN COVERAGE		14 [D]   0805 .....   ..... 10 .....   ..... 40 .....   ..... 2025   ..... 63 [T] .....   ..... 60 .....   ..... 10 .....																										
32 DSN COVERAGE		0930   ..... 43 [D] .....   1330 .....   ..... 40 .....																										
S/C 32 INITIAL CONDITIONS RTLTL: 35h 5m 22s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 35h 5m 20s												0000 RTLT 35h 5m 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		
UTC:		MAY 15															MAY 16											

ISSUE DATE: 05/03/21 09:23



ISSUE DATE: 05/03/21 09:23

