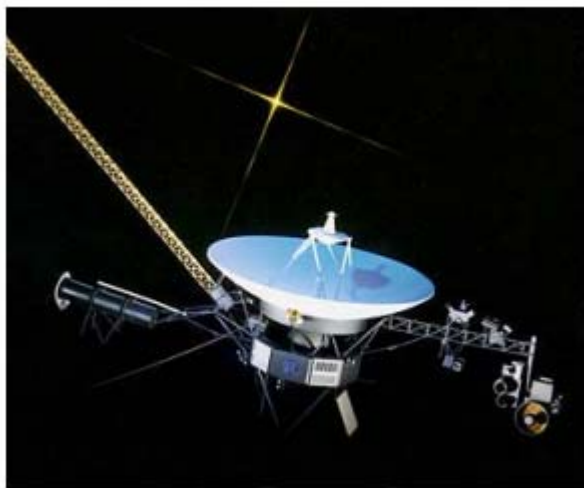


# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: October 6, 2021

For the Period: 10/07/21 to 10/25/21 (21/280 – 21/298)



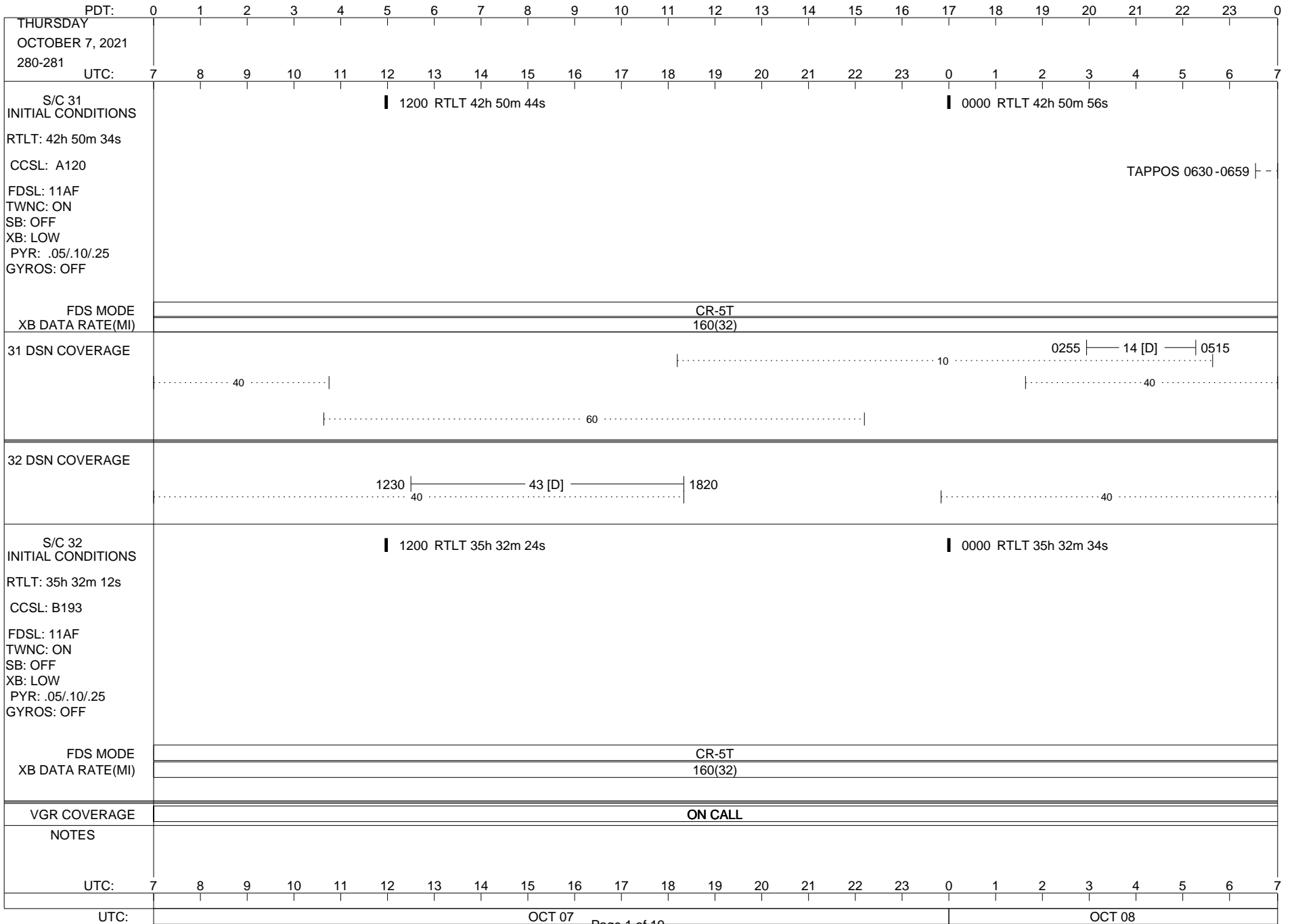
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

**LEGEND:**

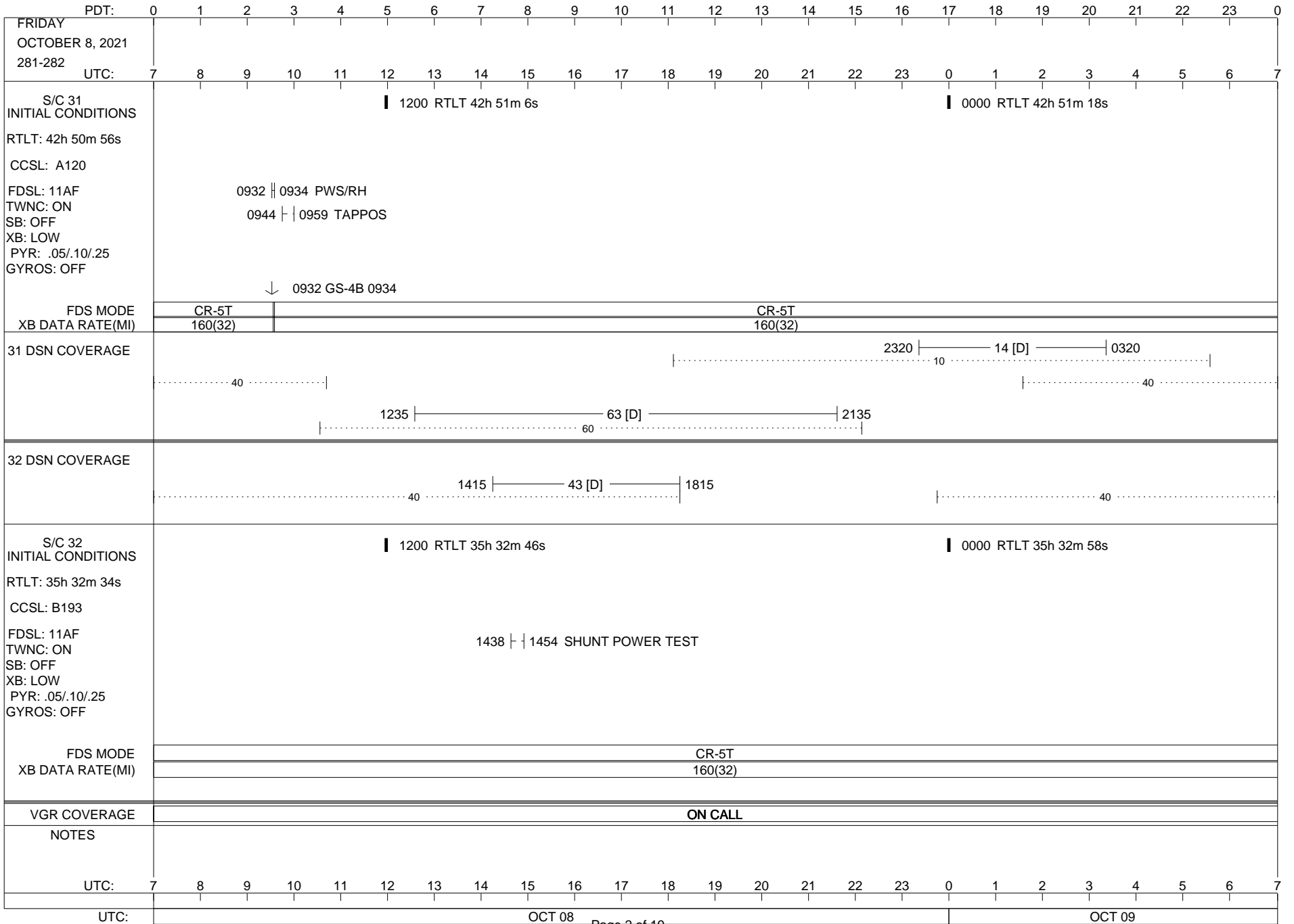
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- \* = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
-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

02/27/19

ISSUE DATE: 10/03/21 20:07



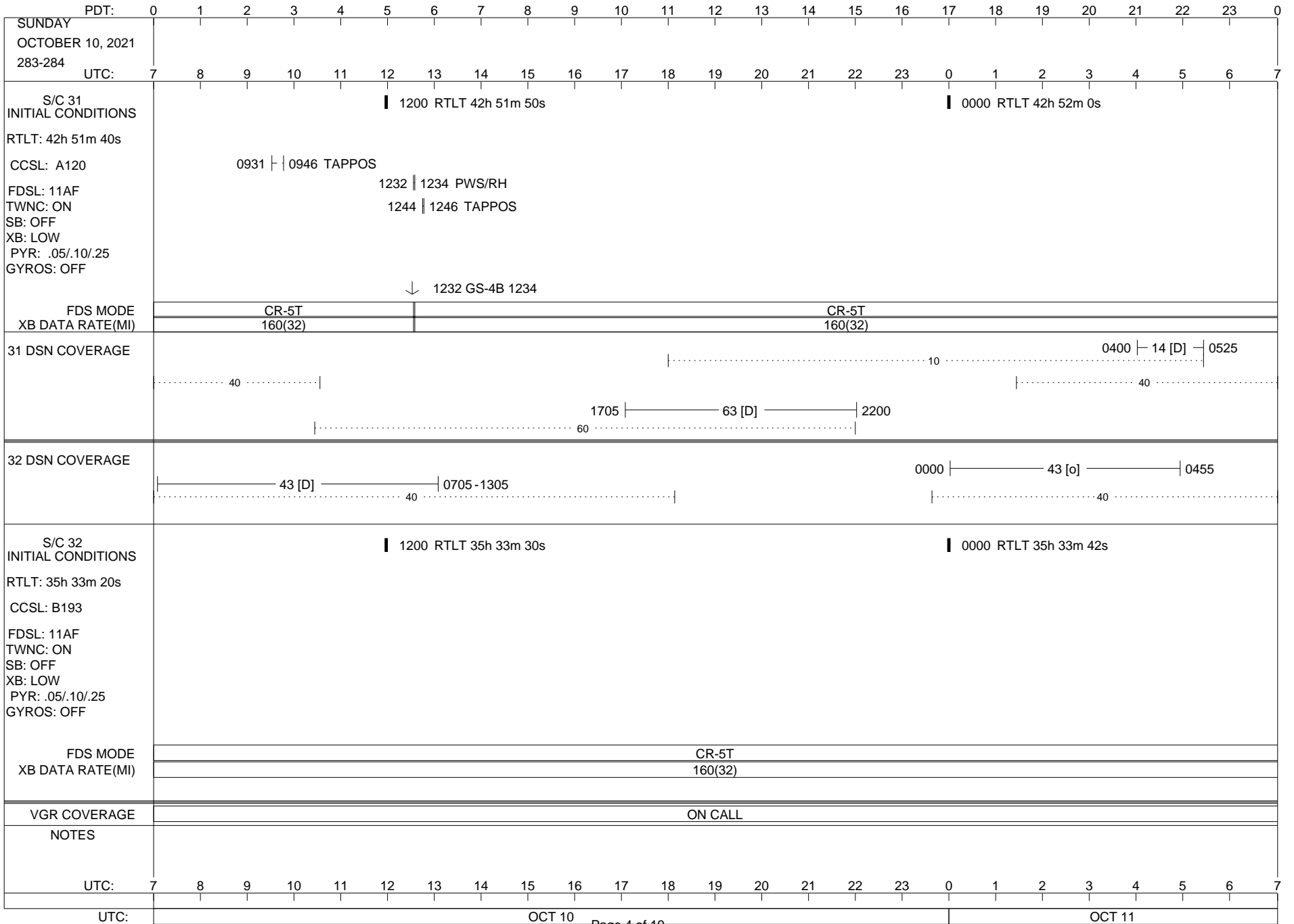
ISSUE DATE: 10/03/21 20:07



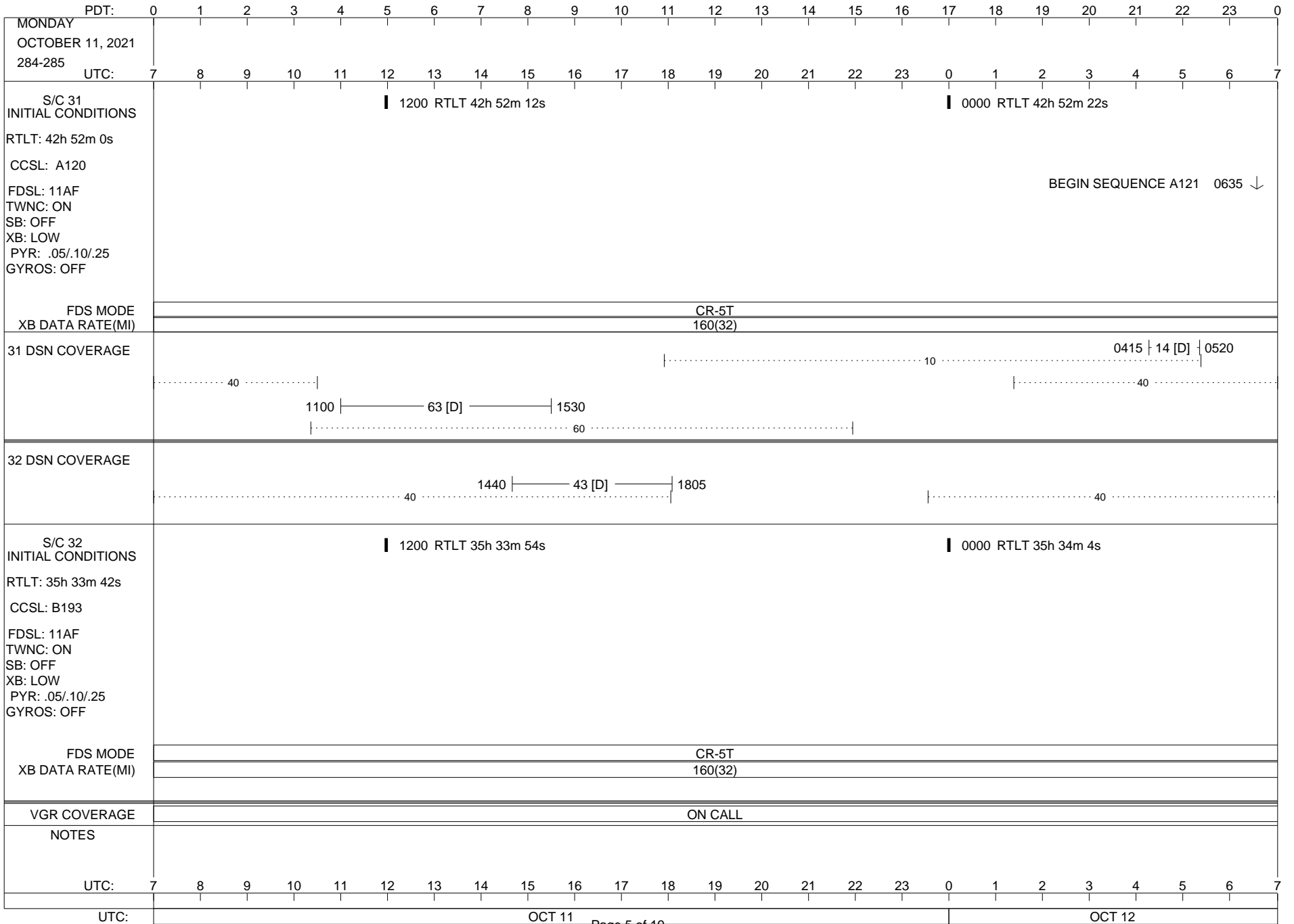
ISSUE DATE: 10/03/21 20:07

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 OCTOBER 9, 2021 282-283	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 51m 18s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 51m 28s												0000 RTLT 42h 51m 40s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	.....40.....												.....10.....  0210  -----14 [D]-----  0530 .....40.....												
32 DSN COVERAGE	0925  -----40-----43 [B]-----  1810												-----40-----												
S/C 32 INITIAL CONDITIONS RTLT: 35h 32m 58s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 33m 8s												0000 RTLT 35h 33m 20s												
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:	OCT 09												OCT 10												

ISSUE DATE: 10/03/21 20:07



ISSUE DATE: 10/03/21 20:07



ISSUE DATE: 10/03/21 20:07

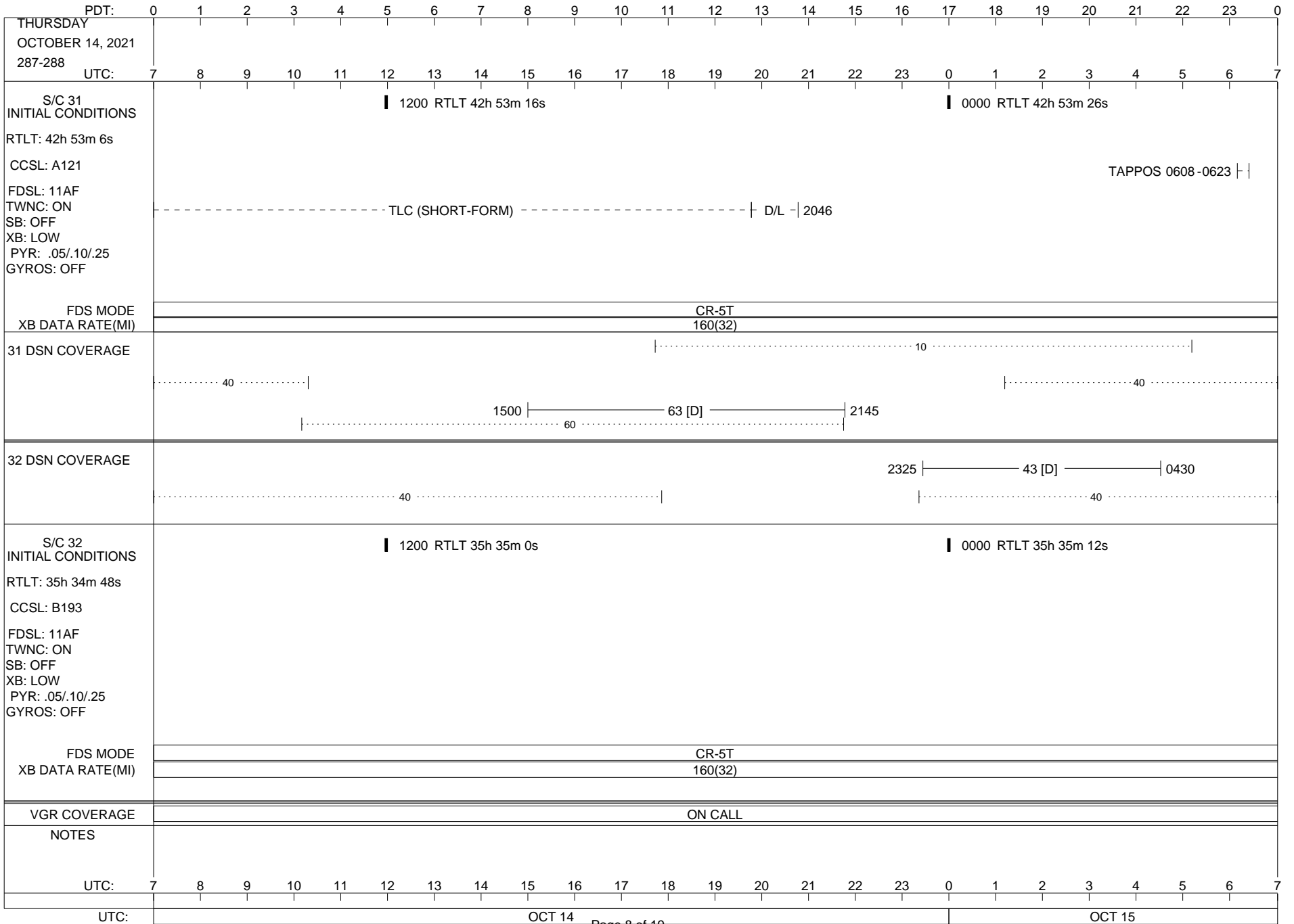
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UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
TUESDAY OCTOBER 12, 2021 285-286																												
S/C 31 INITIAL CONDITIONS RTLT: 42h 52m 22s CCSL: A121 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 42h 52m 34s														0000 RTLT 42h 52m 44s 2248  ---- MAGCAL ----  0150 2248  ---- PESCAL ----  0207 ▼ 0000 CCS DIAG (18:53) U/L 0025  --- ----- TLC (SHORT-FORM) ----- 0256   0257 PWS/RH ↓ 0256 GS-4B 0257													
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 34m 4s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 35h 34m 16s														0000 RTLT 35h 34m 26s													
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:	OCT 12														OCT 13													

ISSUE DATE: 10/03/21 20:07

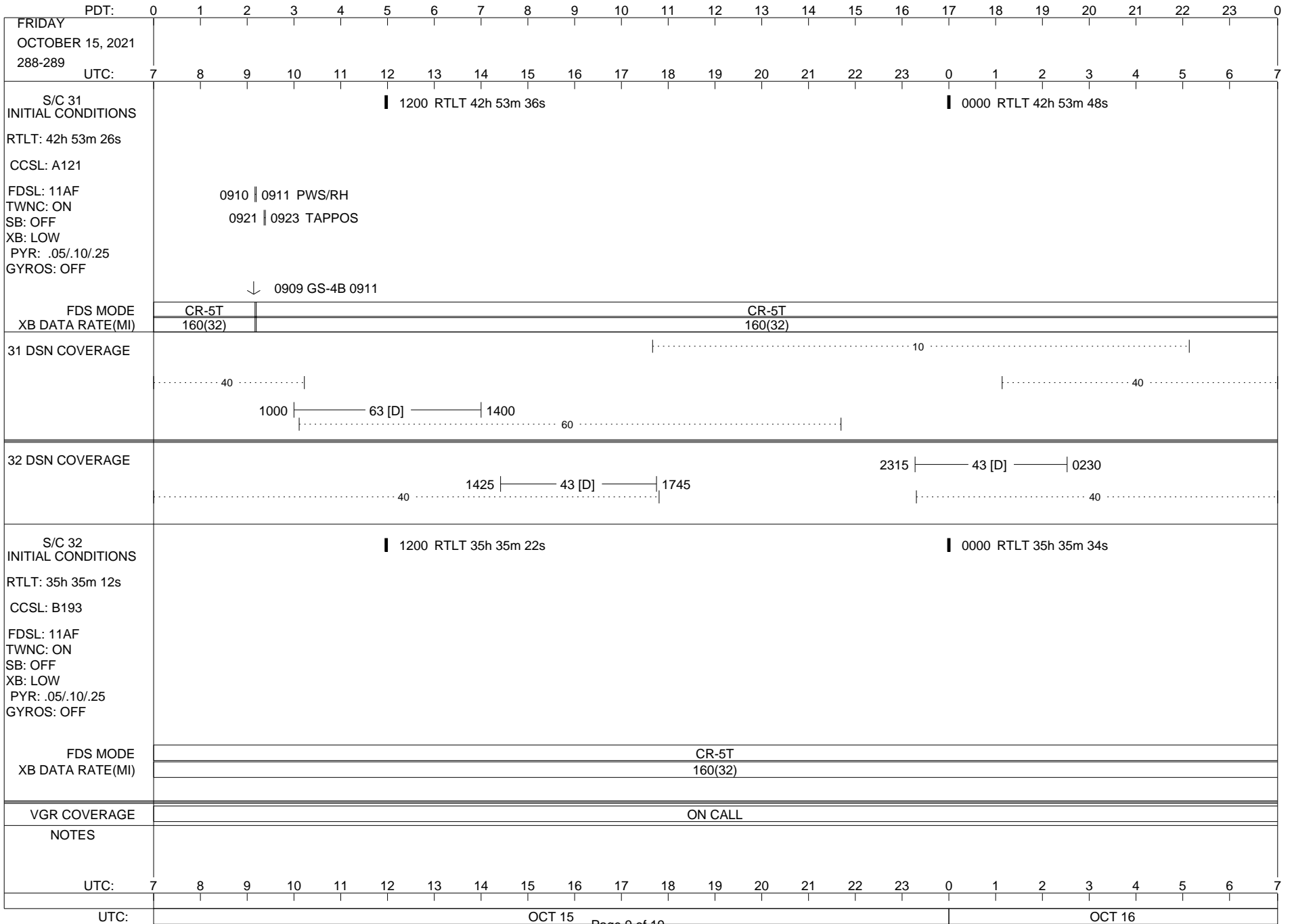
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WEDNESDAY OCTOBER 13, 2021 286-287																												
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLT: 42h 52m 44s CCSL: A121 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 42h 52m 54s												█ 0000 RTLT 42h 53m 6s															
----- TLC (SHORT-FORM) -----																												
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	..... 40 .....												..... 40 .....															
	..... 1405  ----- 63 [D] -----  1805												..... 60 .....															
32 DSN COVERAGE	..... 40 .....												..... 40 .....															
	..... 1340  ----- 43 [D] -----  1755												..... 0055  ----- 43 [D] -----  0455															
S/C 32 INITIAL CONDITIONS RTLT: 35h 34m 26s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 35h 34m 38s												█ 0000 RTLT 35h 34m 48s															
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:	OCT 13														OCT 14													



ISSUE DATE: 10/03/21 20:07



ISSUE DATE: 10/03/21 20:07



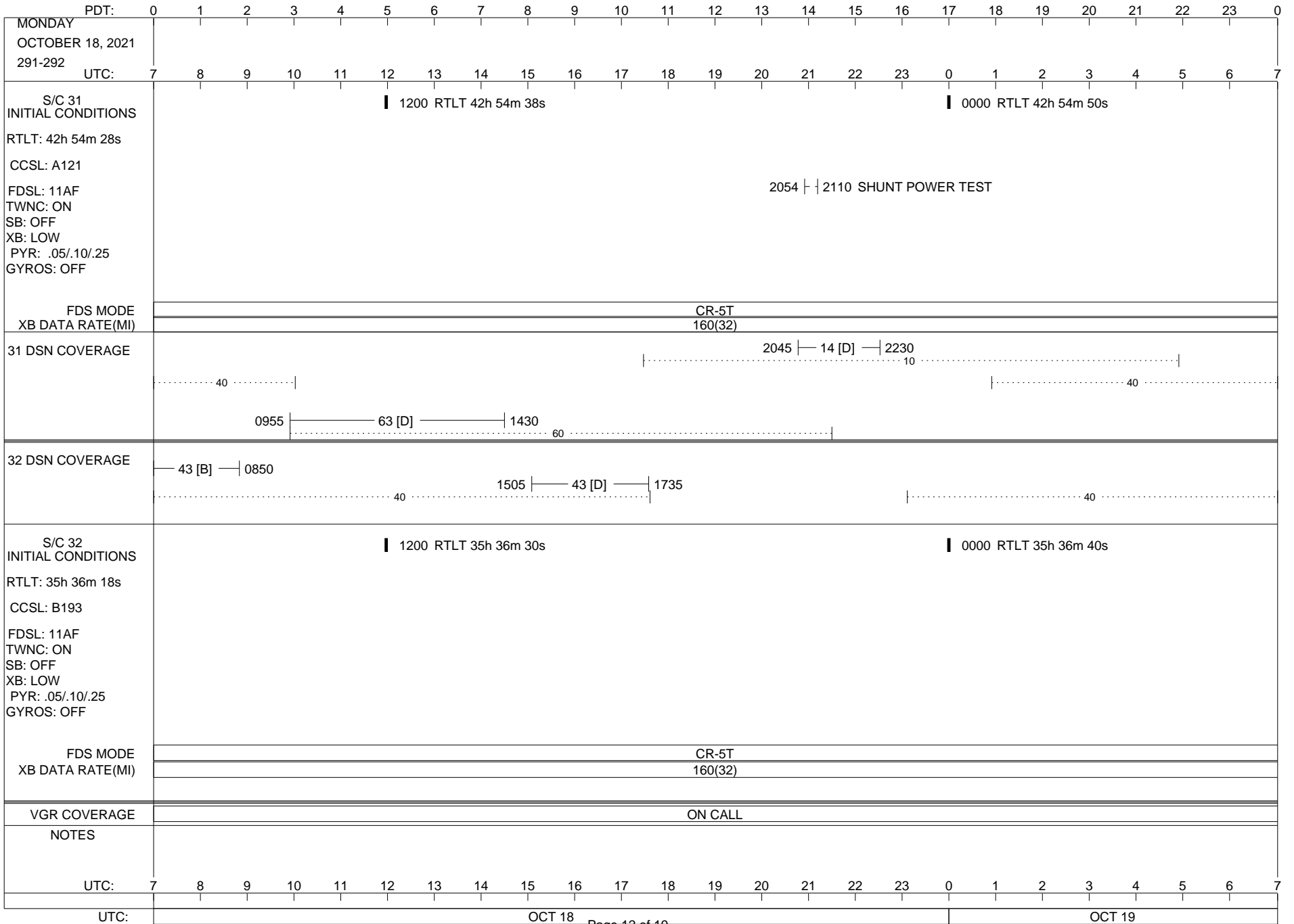
ISSUE DATE: 10/03/21 20:07

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 OCTOBER 16, 2021 289-290																									
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 53m 48s CCSL: A121 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	█ 1200 RTLT 42h 53m 58s												█ 0000 RTLT 42h 54m 8s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	.....40.....												.....10.....												
	.....1010 -----63 [D]----- 1455												.....40..... 43 [D] 0645												
	..... -----60.....												.....												
32 DSN COVERAGE	.....40.....												.....1615   43 [D]   1715												
	.....												.....40.....												
S/C 32 INITIAL CONDITIONS RTLT: 35h 35m 34s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	█ 1200 RTLT 35h 35m 44s												█ 0000 RTLT 35h 35m 56s												
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:	OCT 16												OCT 17												

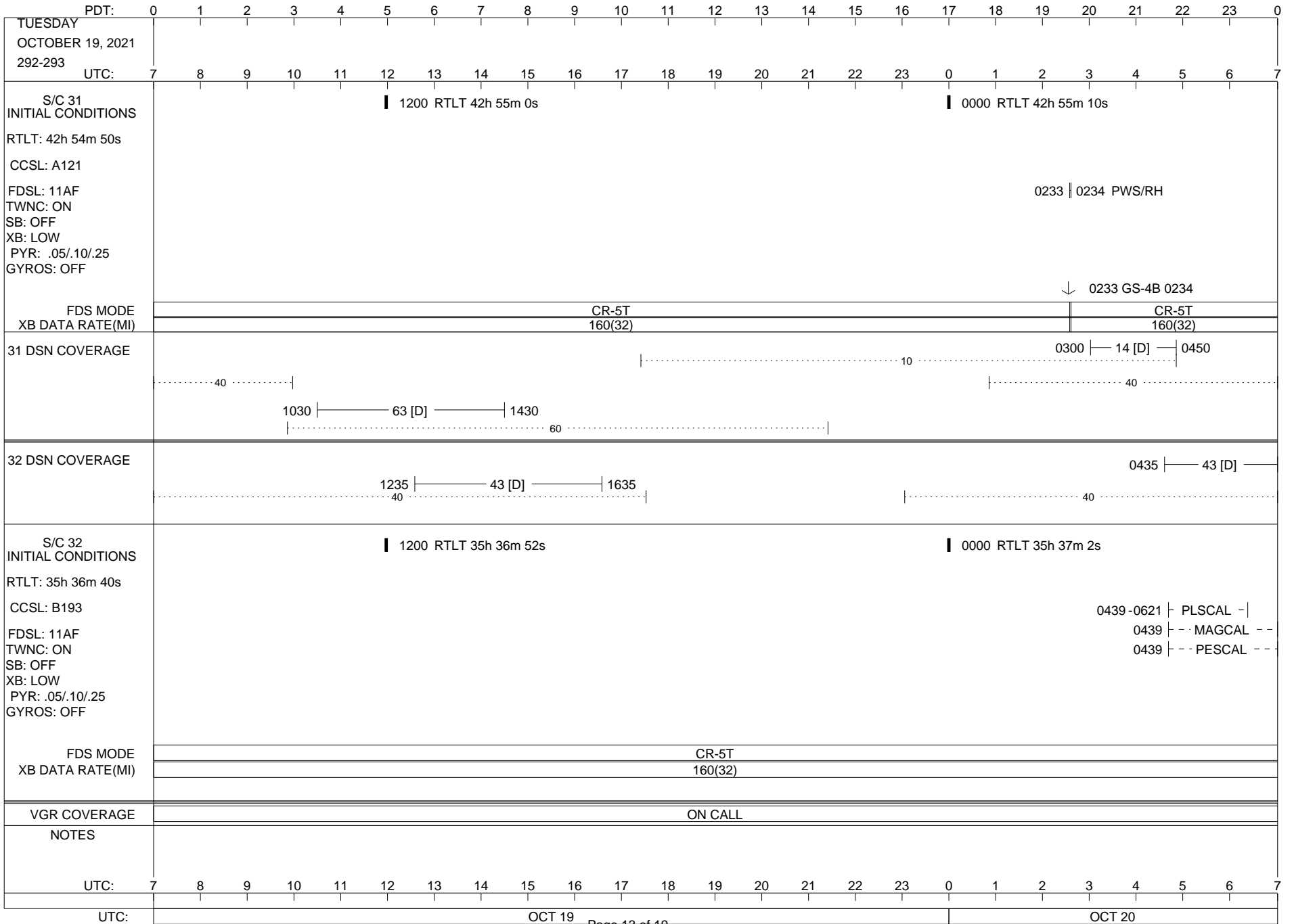
ISSUE DATE: 10/03/21 20:07

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 OCTOBER 17, 2021 290-291																											
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 54m 8s CCSL: A121 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						1200															0000						
0908   0909 TAPPOS																											
1210   1211 PWS/RH																											
1222   1234 TAPPOS																											
↓ 1210 GS-4B 1211																											
FDS MODE																											
XB DATA RATE(MI)																											
31 DSN COVERAGE																											
0745 43 [D]																											
1740   63 [D]   2130																											
32 DSN COVERAGE																											
1340   43 [D]   1740																											
0230   43 [B]																											
S/C 32 INITIAL CONDITIONS RTLTL: 35h 35m 56s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						1200																0000					
DUMMY (5 MIN BRACKETED 14:44) 0307▼																											
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:																											

ISSUE DATE: 10/03/21 20:07



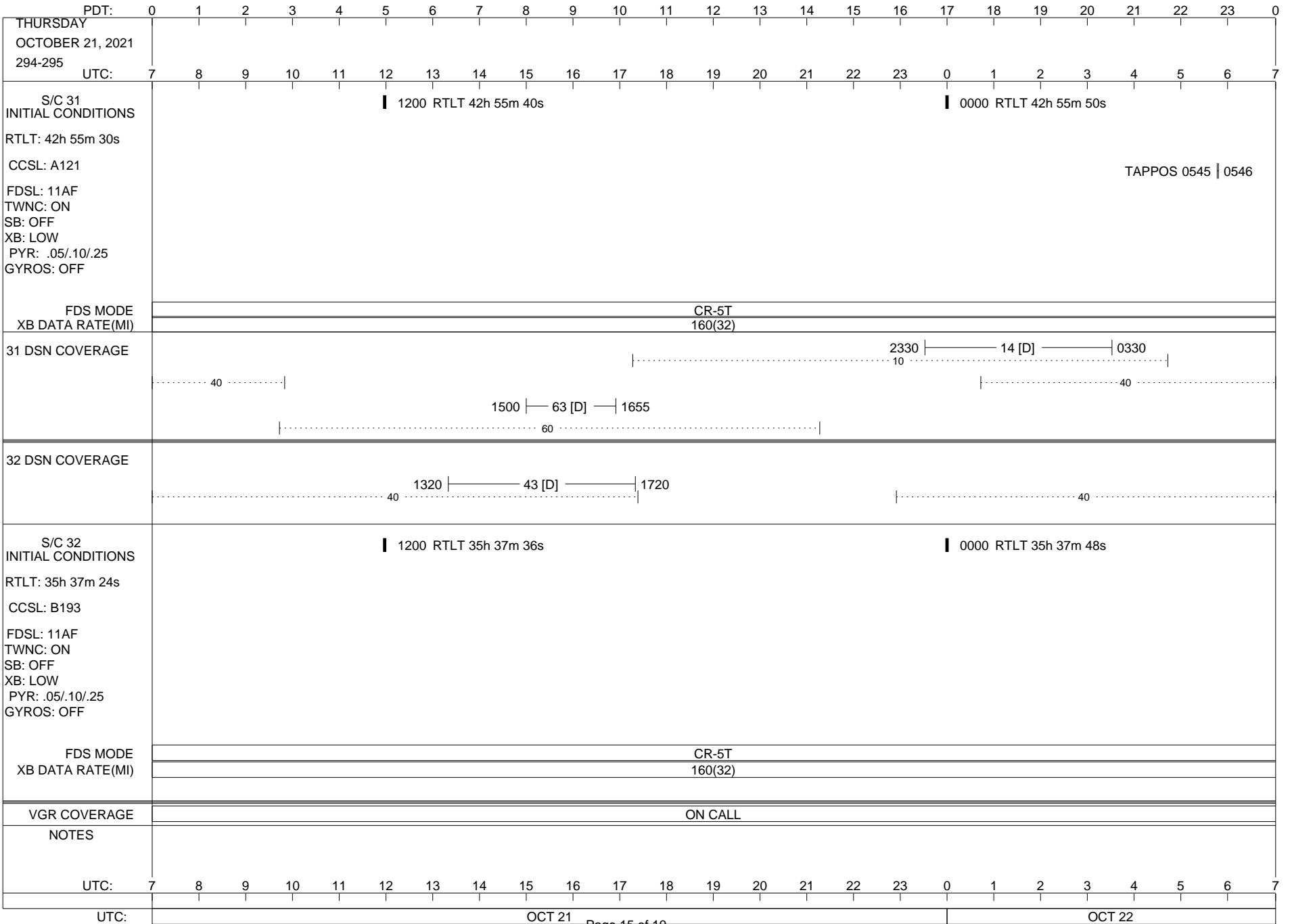
ISSUE DATE: 10/03/21 20:07



ISSUE DATE: 10/03/21 20:07

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 OCTOBER 20, 2021 293-294																										
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 55m 10s CCSL: A121 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						█ 1200 RTLT 42h 55m 20s												█ 0000 RTLT 42h 55m 30s								
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE														1950	14 [D]					0035						
32 DSN COVERAGE	43 [D]																									
S/C 32 INITIAL CONDITIONS RTLT: 35h 37m 2s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						█ 1200 RTLT 35h 37m 14s													█ 0000 RTLT 35h 37m 24s							
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:	OCT 20													OCT 21												

ISSUE DATE: 10/03/21 20:07

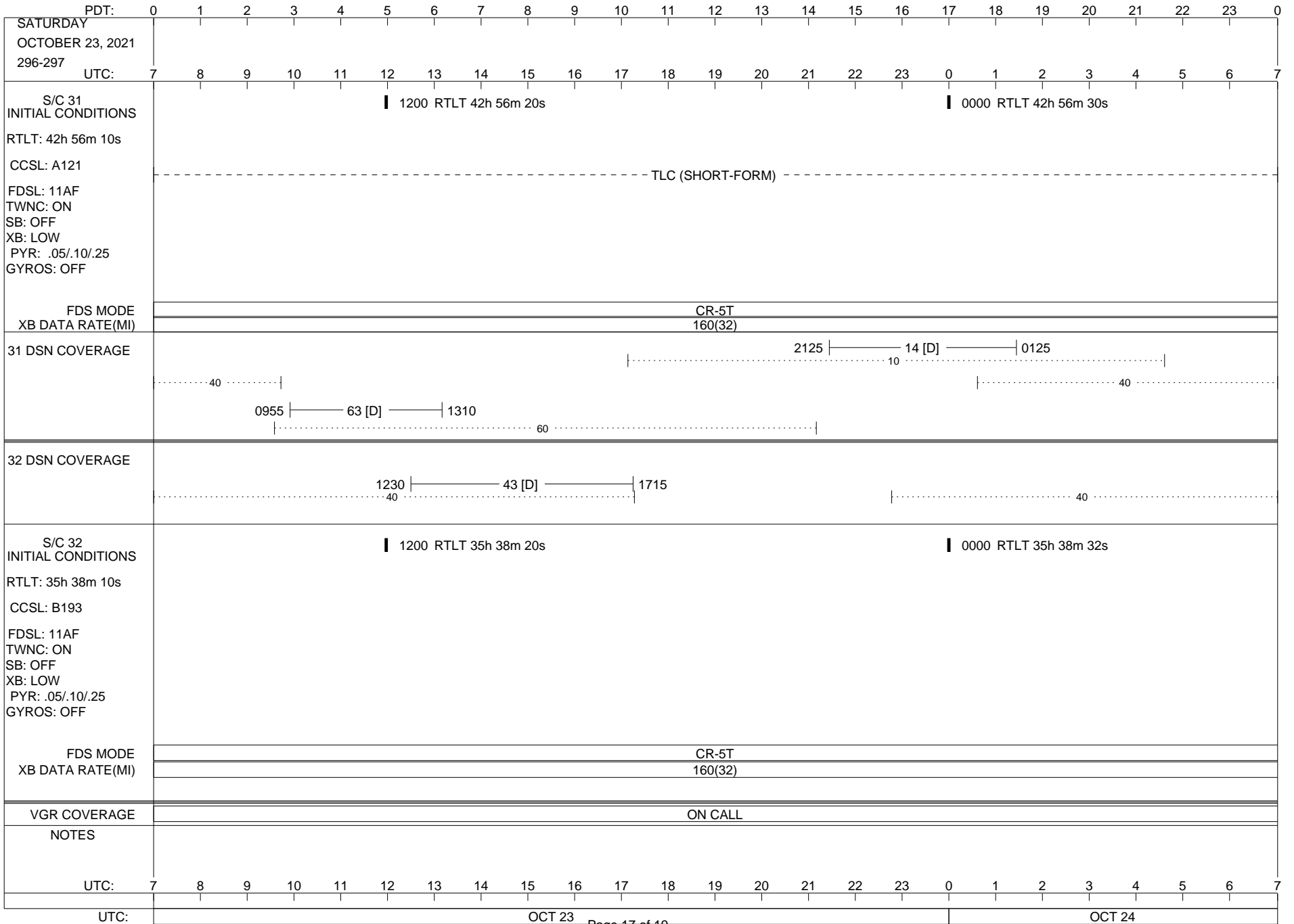




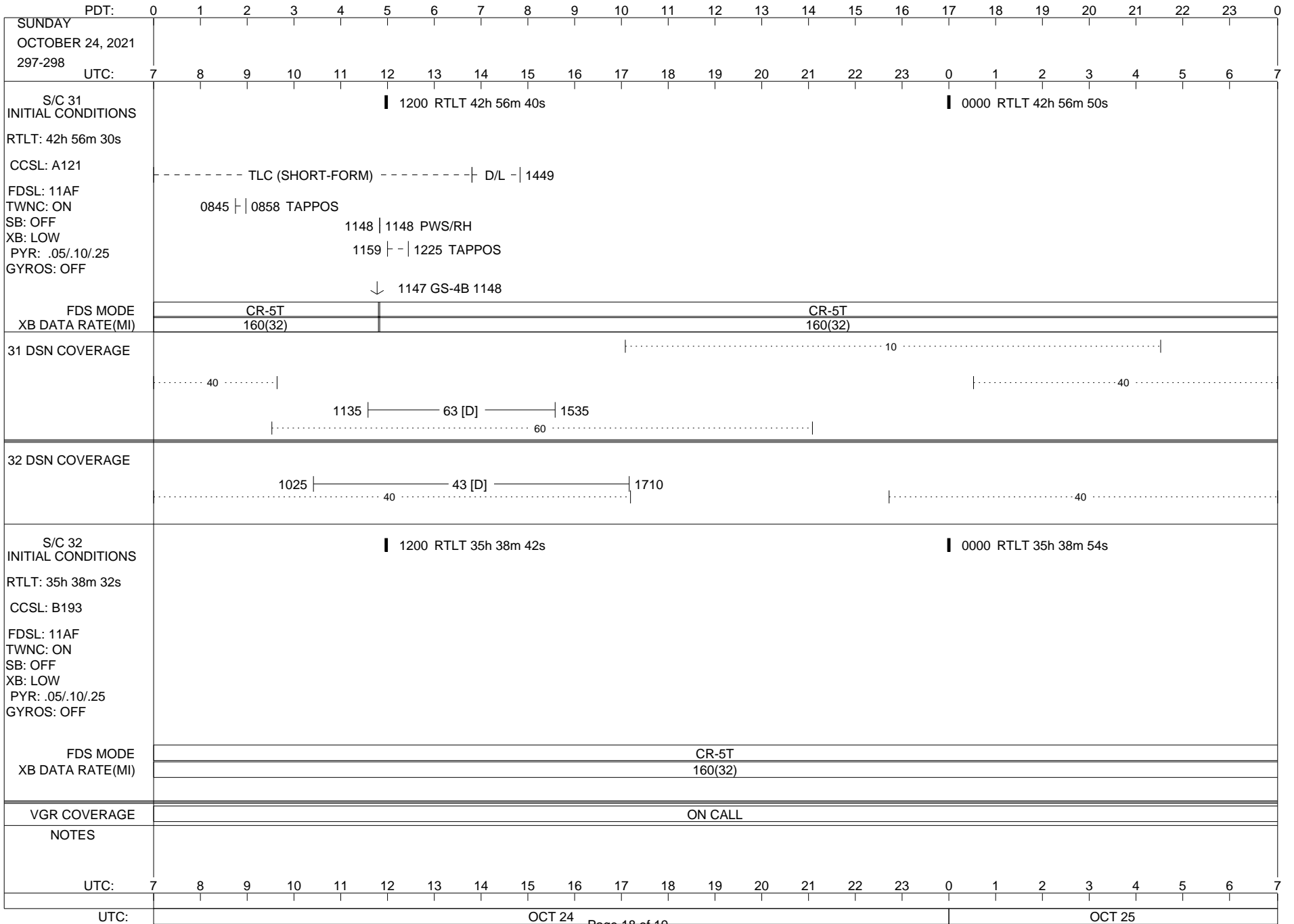
ISSUE DATE: 10/03/21 20:07

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 OCTOBER 22, 2021 295-296	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 55m 50s CCSL: A121 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 42h 56m 0s												0000 RTLT 42h 56m 10s																	
	0848   0848 PWS/RH												▼ 1800 CCS DIAG (12:56)																	
	0858   0911 TAPPOS												U/L 1825   -   - - - - - TLC (SHORT-FORM) - - - - -																	
	↓ 0846 GS-4B 0848																													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)																	
31 DSN COVERAGE	1730  -----  14 [T]  -----  2130												10  -----  40																	
	40  -----  60																													
32 DSN COVERAGE	1255  -----  43 [D]  -----  1655												2250  -----  43 [B]  -----  0250																	
	40  -----  40																													
S/C 32 INITIAL CONDITIONS RTLT: 35h 37m 48s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 35h 37m 58s												0000 RTLT 35h 38m 10s																	
													▼ 0007 DUMMY (5 MIN BRACKETED 19:12)																	
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)																	
VGR COVERAGE	ON CALL						VGR						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:	OCT 22												OCT 23																	

ISSUE DATE: 10/03/21 20:07



ISSUE DATE: 10/03/21 20:07



ISSUE DATE: 10/03/21 20:07

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 OCTOBER 25, 2021 298-299																											
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 56m 50s CCSL: A121 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 42h 56m 58s																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<p>..... 40 ..... </p> <p style="text-align: center;">1700  ----- 63 [D] -----  2100</p> <p style="text-align: center;"> ..... 60 ..... </p>																										
32 DSN COVERAGE	<p style="text-align: center;">1110  ----- 43 [D] -----  1525</p> <p>..... 40 ..... </p>																										
S/C 32 INITIAL CONDITIONS RTLT: 35h 38m 54s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 35h 39m 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:	OCT 25													OCT 26													