

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: September 28, 2021

For the Period: 09/30/21 to 10/18/21 (21/273 – 21/291)



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

LEGEND:

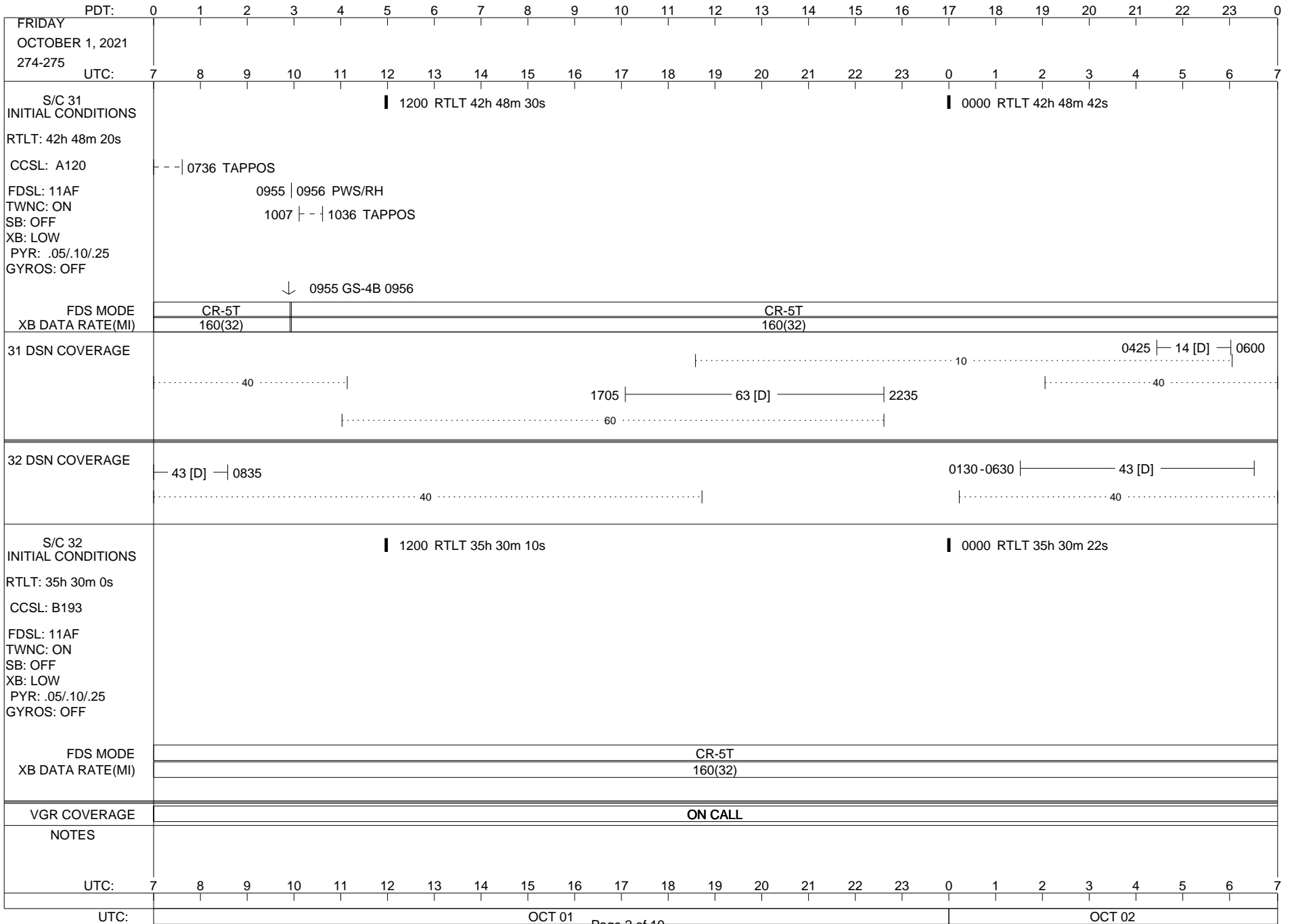
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U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

02/27/19

ISSUE DATE: 09/27/21 08:55

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 SEPTEMBER 30, 2021 273-274																										
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 47m 56s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 42h 48m 8s												█ 0000 RTLT 42h 48m 20s								
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	..... 40 .....												..... 0125 | 14 [D] | 0240											
	..... 60 .....												..... 40											
32 DSN COVERAGE	..... 43 [D] ..... | 1025 .....												..... 0125 | ..... 43 [D]											
	..... 40 .....												..... 40											
S/C 32 INITIAL CONDITIONS RTLT: 35h 29m 38s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 35h 29m 48s												█ 0000 RTLT 35h 30m 0s								
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:	SEP 30													OCT 01												

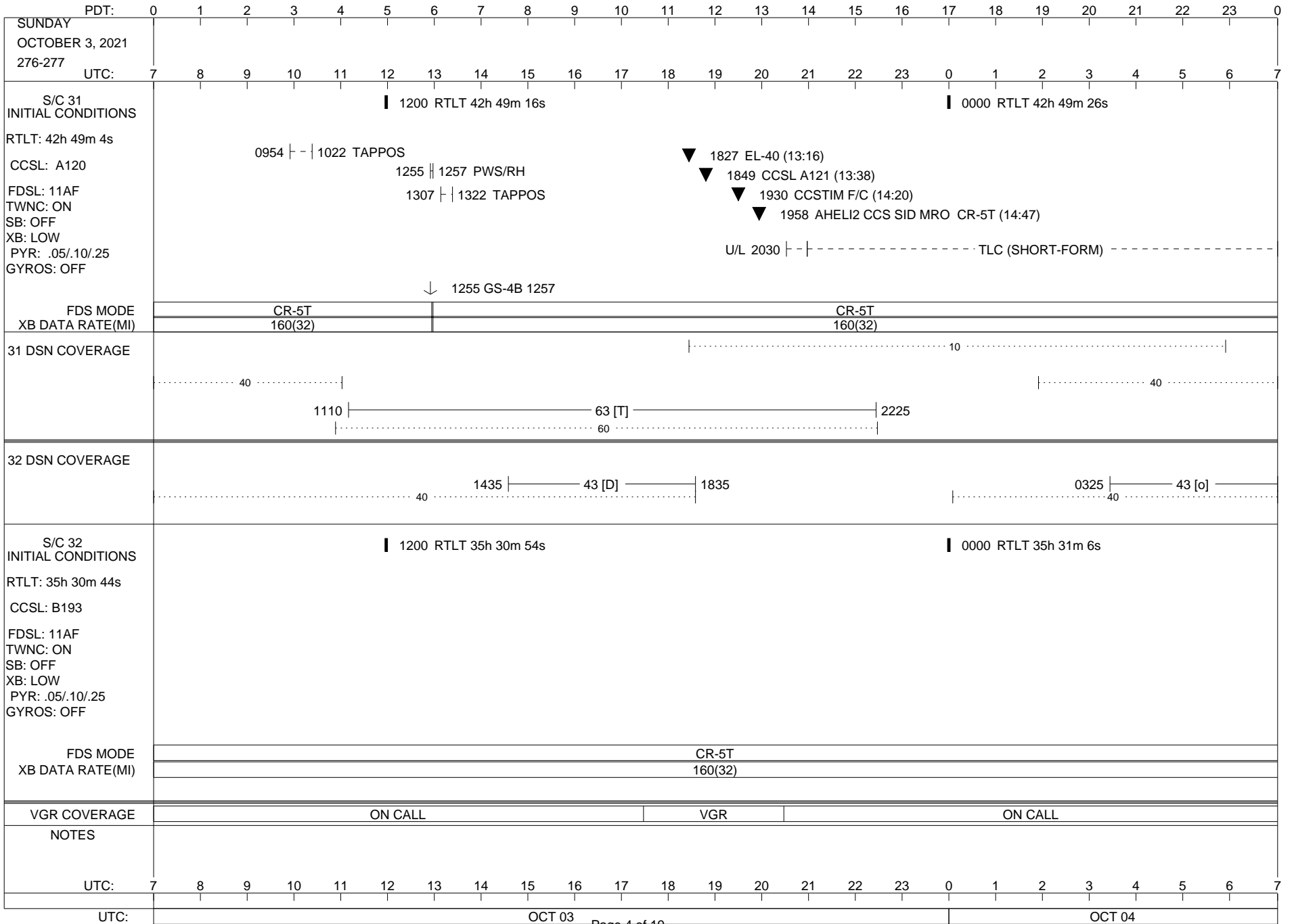
ISSUE DATE: 09/27/21 08:55



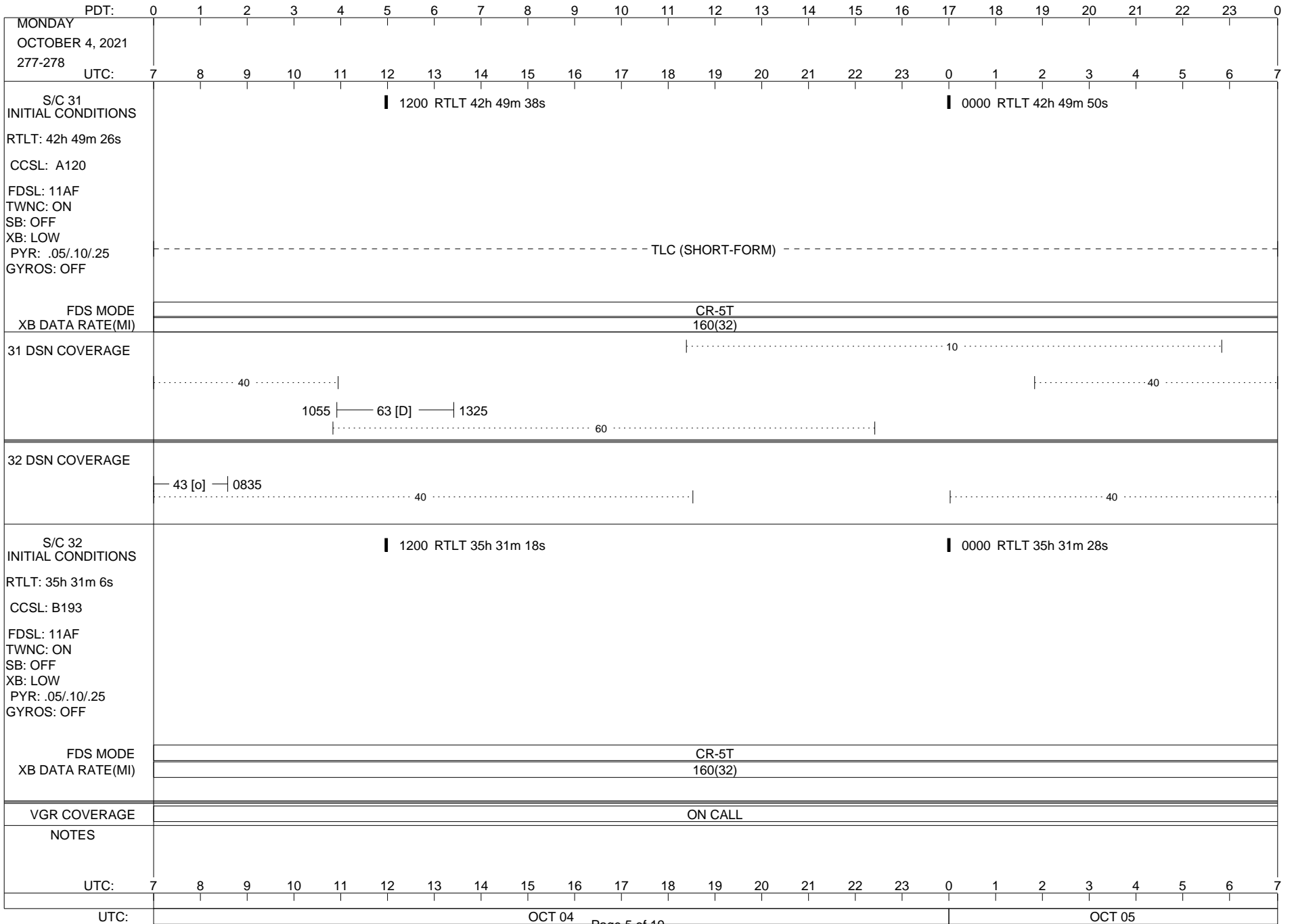
ISSUE DATE: 09/27/21 08:55

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 2, 2021 275-276	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 48m 42s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	| 1200 RTLTL 42h 48m 54s												| 0000 RTLTL 42h 49m 4s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	.....40.....|												2145 |-----14 [D]-----|0555.....10.....|												
32 DSN COVERAGE	.....40.....|												1410 |-----43 [B]-----|1835.....40.....|												
S/C 32 INITIAL CONDITIONS RTLTL: 35h 30m 22s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	| 1200 RTLTL 35h 30m 32s												| 0000 RTLTL 35h 30m 44s												
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 02												OCT 03												

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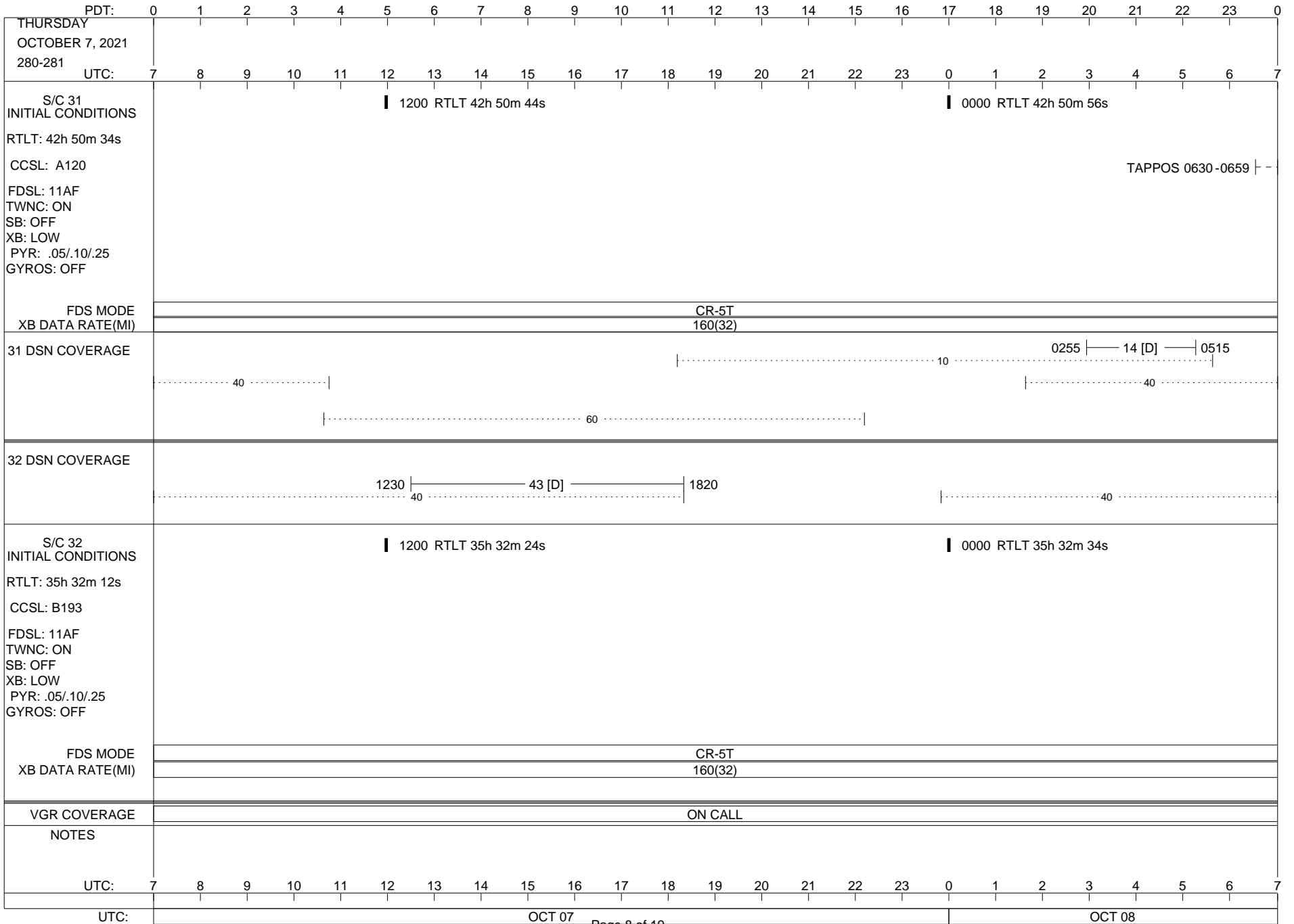
ISSUE DATE: 09/27/21 08:55

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 OCTOBER 5, 2021 278-279																									
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 49m 50s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 50m 0s												0000 RTLT 42h 50m 12s												
	* 1350 || 1353 A121 CHKSUM												* 1420 || 1427 CCSTIM FINE												
	* 1438 || 1441 COARSE												0319 || 0320 PWS/RH												
	* 1448 || 1450 2 AHEL12 CCS SID MRO'S																								
	----- TLC (SHORT-FORM) -----												| D/L - | 1647												
	* EL-40 1317 ↓												* 1452 CR-5T												
	↓ 0319 GS-4B 0320																								
FDS MODE	CR-5T						EL-40						CR-5T						CR-5T						
XB DATA RATE(MI)	160(32)						40(30)						160(32)						160(32)						
31 DSN COVERAGE	|-----|												|-----|												
	40												0530 | 43 [D]												
	1245 |-----| 63 [D]												2220 |-----| 40												
	|-----| 60												|-----|												
32 DSN COVERAGE	|-----|												|-----|												
	40												1425 |-----| 43 [D]												
	|-----|												1825 |-----| 40												
S/C 32 INITIAL CONDITIONS RTLT: 35h 31m 28s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 31m 40s												0000 RTLT 35h 31m 50s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	[1] S/C 31=EL-40 @ 1317 XB=40(30)																								
	[2] S/C 31=CR-5T @ 1452 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:	OCT 05												OCT 06												

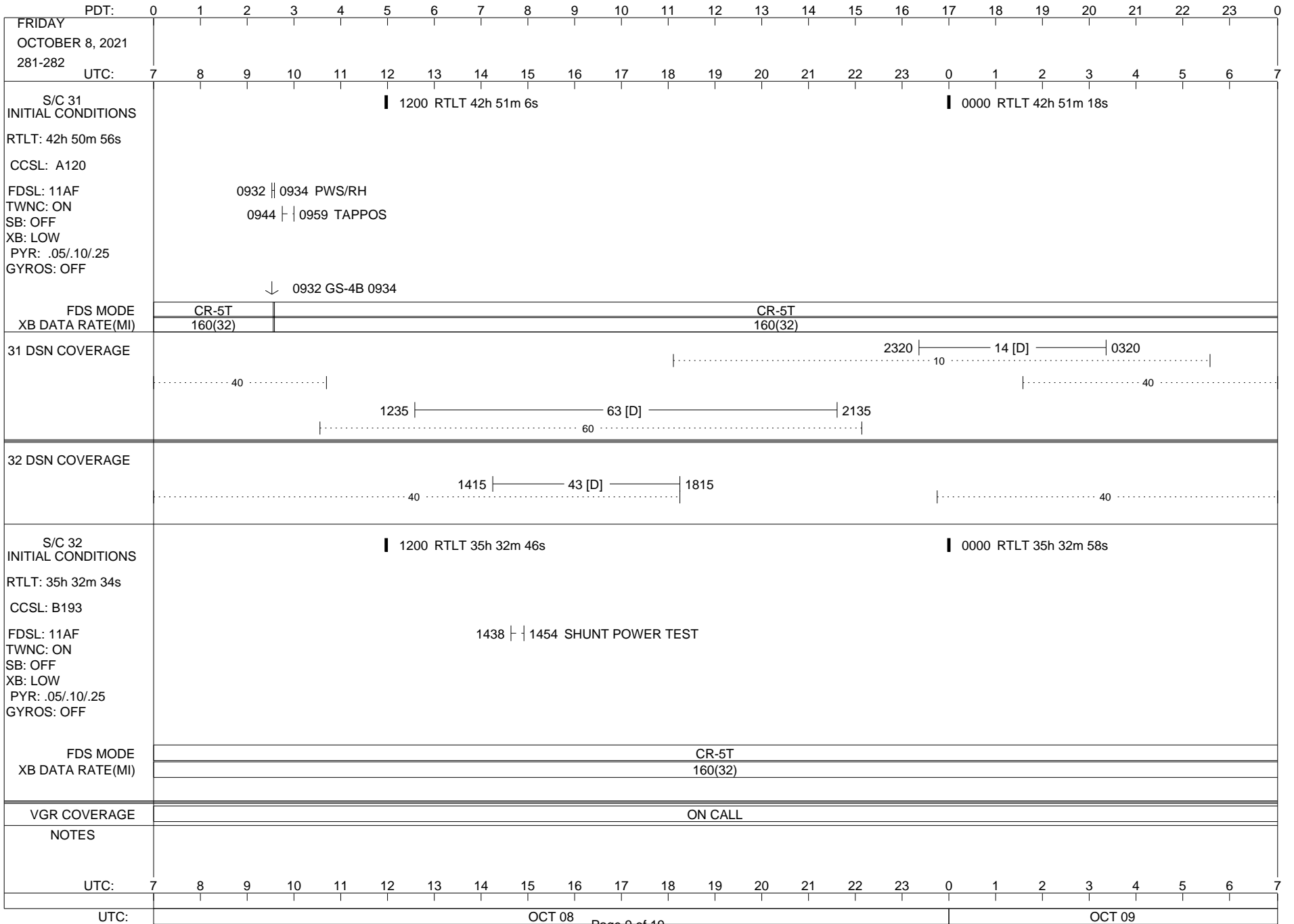
ISSUE DATE: 09/27/21 08:55

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 6, 2021 279-280	
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 50m 12s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="display: flex; justify-content: space-between;"> <div>1200 RTLT 42h 50m 22s</div> <div>0000 RTLT 42h 50m 34s</div> </div>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
31 DSN COVERAGE	
32 DSN COVERAGE	
S/C 32 INITIAL CONDITIONS RTLT: 35h 31m 50s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="display: flex; justify-content: space-between;"> <div>1200 RTLT 35h 32m 2s</div> <div>0000 RTLT 35h 32m 12s</div> </div>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
VGR COVERAGE	ON CALL
NOTES	[1] A121 BACKUP U/L TRACK
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 06 Page 7 of 19 OCT 07	

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ISSUE DATE: 09/27/21 08:55

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

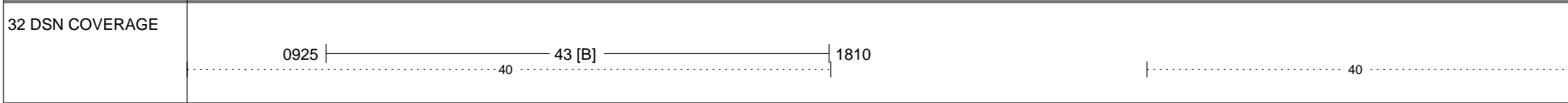
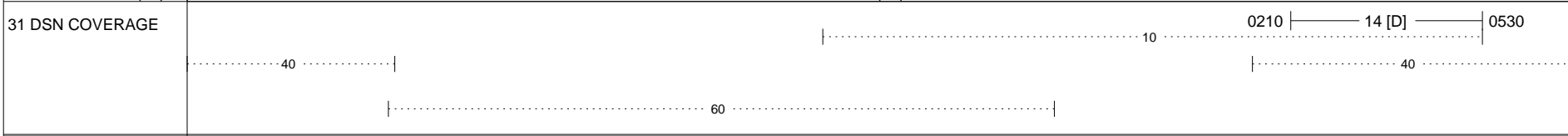
SATURDAY
OCTOBER 9, 2021
282-283

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 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)



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

▼ 1312 DUMMY (5 MIN BRACKETED 00:46)

FDS MODE
XB DATA RATE(MI) CR-5T
160(32)

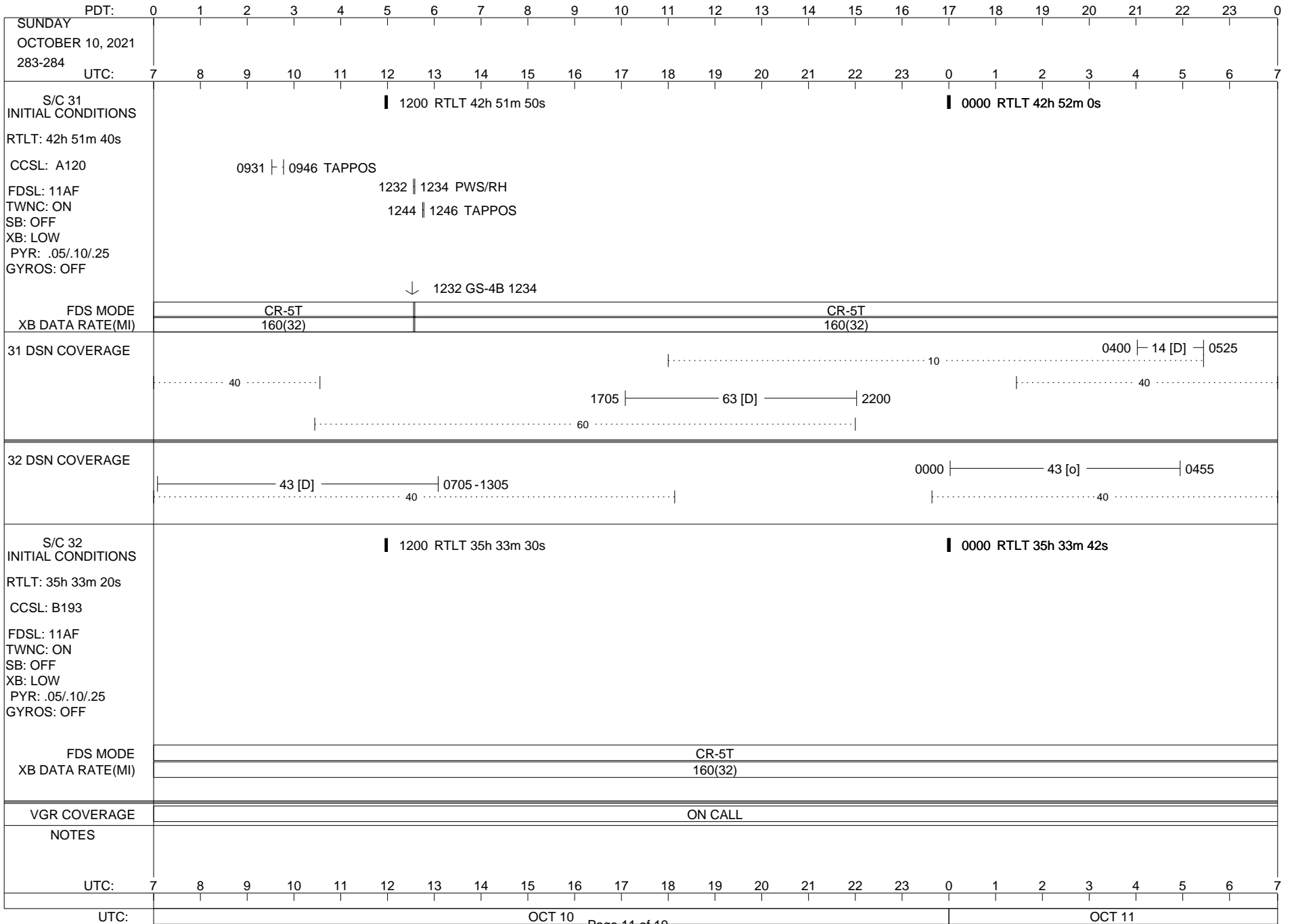
VGR COVERAGE ON CALL VGR ON CALL

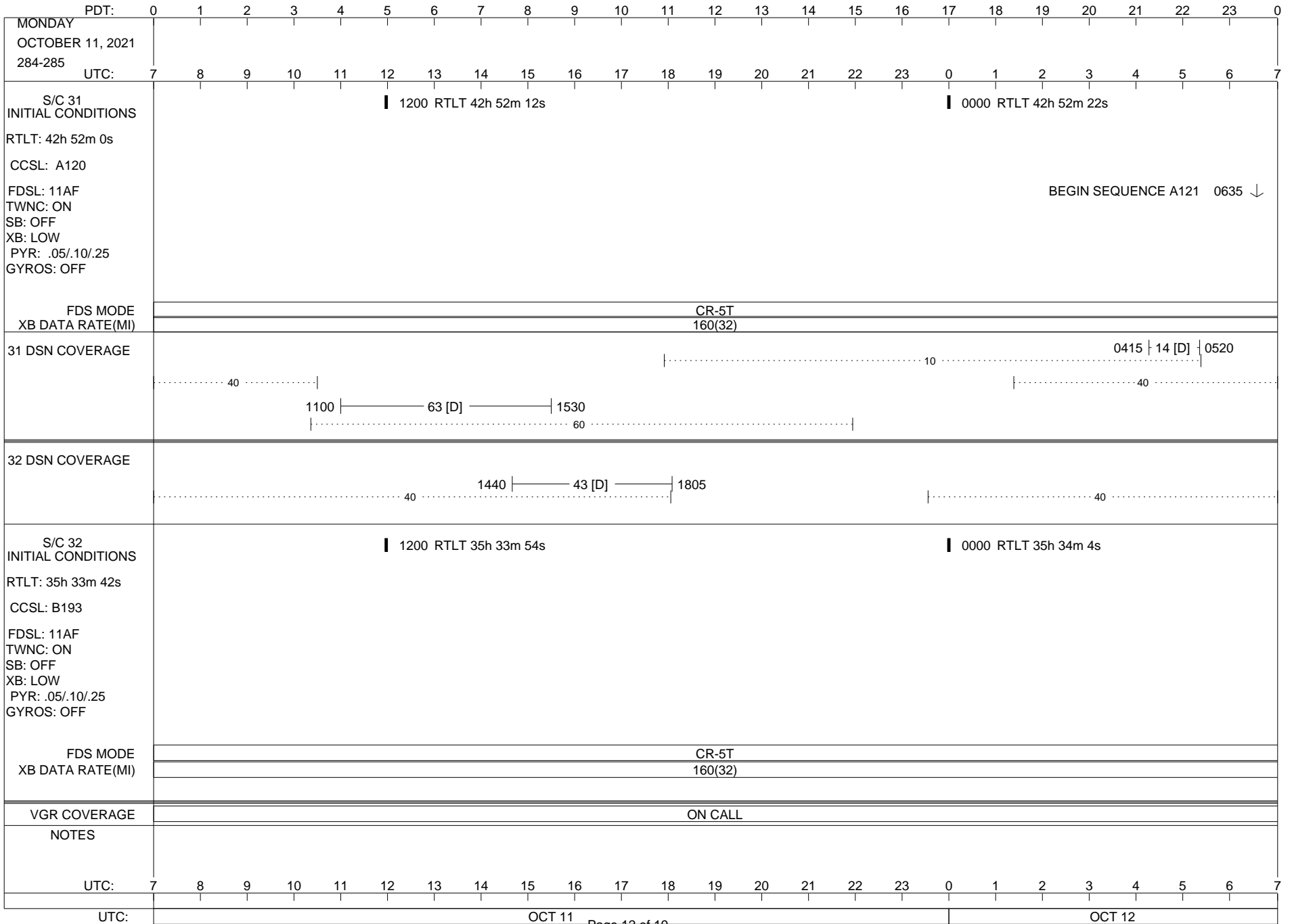
NOTES

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 Page 10 of 19 OCT 10

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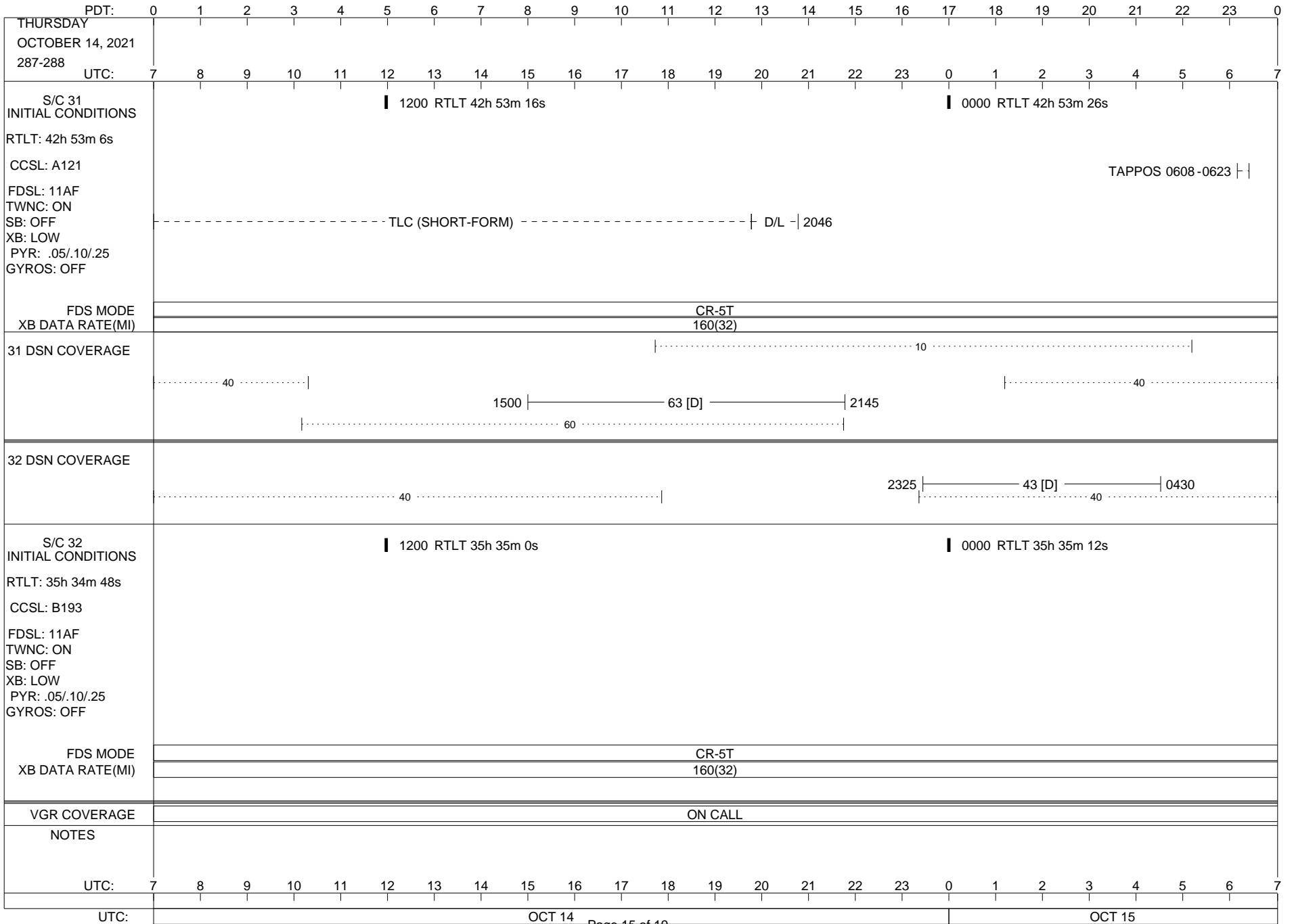
ISSUE DATE: 09/27/21 08:55

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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															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	<p>2245 |----- 14 [T] -----| 0235</p> <p>.....40.....|.....40.....</p> <p>|.....60.....|</p>																											
32 DSN COVERAGE	<p>1235 |----- 43 [D] -----| 1755</p> <p>.....40.....|.....40.....</p>																											
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	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 12														OCT 13													

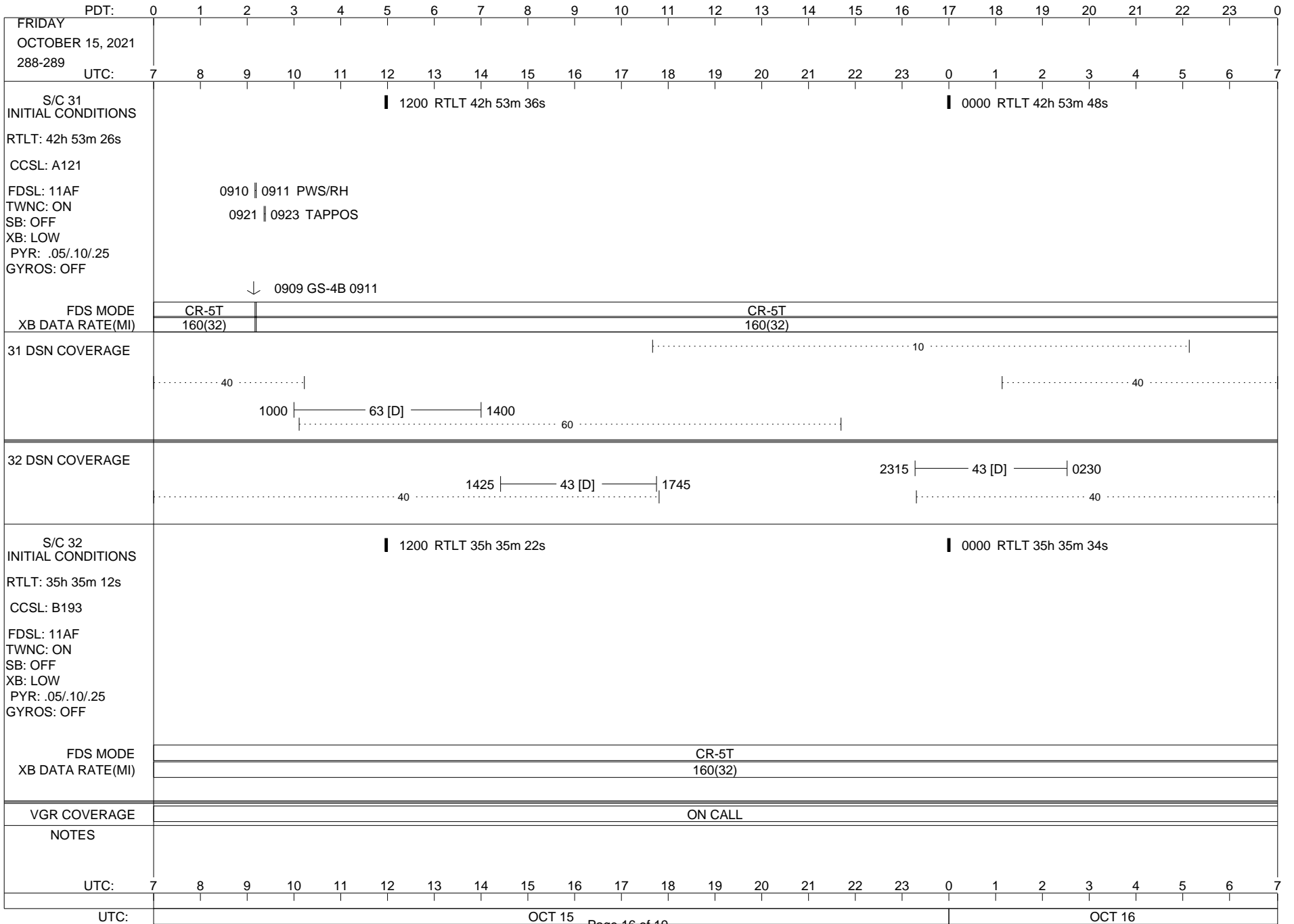
ISSUE DATE: 09/27/21 08:55

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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 OCTOBER 13, 2021 286-287																											
S/C 31 INITIAL CONDITIONS RTLTL: 42h 52m 44s CCSL: A121 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 42h 52m 54s												| 0000 RTLTL 42h 53m 6s														
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<p>.....| 40 .....|</p> <p>.....| 1405 |----- 63 [D] -----| 1805 .....| 40 .....</p> <p>.....| .....| 60 .....|</p>																										
32 DSN COVERAGE	<p>.....| 1340 |----- 43 [D] -----| 1755 .....| 0055 |----- 43 [D] -----| 0455 .....| 40</p>																										
S/C 32 INITIAL CONDITIONS RTLTL: 35h 34m 26s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 35h 34m 38s												| 0000 RTLTL 35h 34m 48s														
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 13													OCT 14													

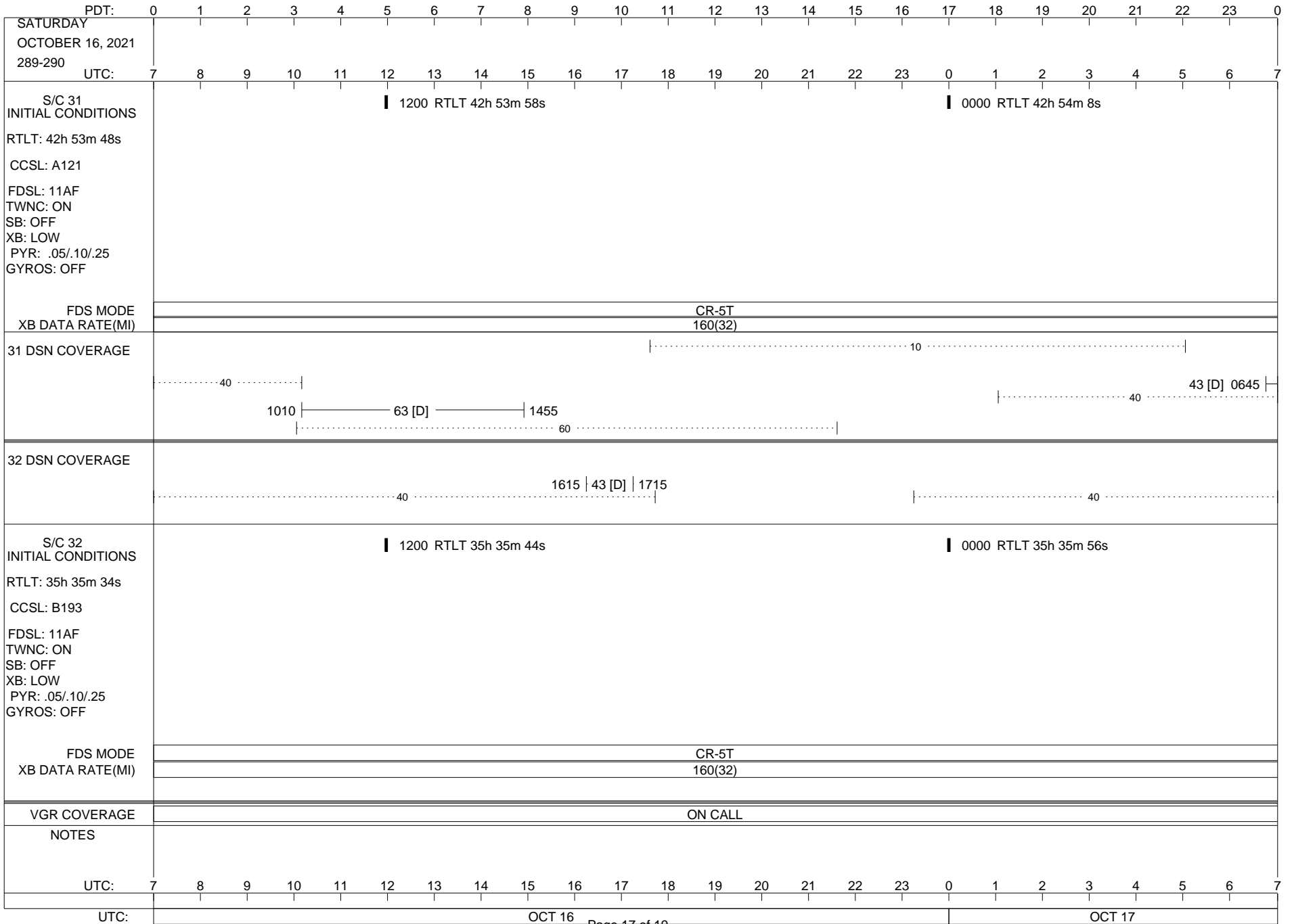
ISSUE DATE: 09/27/21 08:55



ISSUE DATE: 09/27/21 08:55



ISSUE DATE: 09/27/21 08:55



ISSUE DATE: 09/27/21 08:55

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 RTLTL 42h 54m 18s												█ 0000 RTLTL 42h 54m 28s												
	0908 | 0909 TAPPOS												1210 | 1211 PWS/RH												
	↓ 1210 GS-4B 1211												1222 | 1234 TAPPOS												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	|-----|												|-----|												
	| 0745 43 [D] |				|-----|				1740 |-----| 63 [D] |-----| 2130				|-----| 40 |-----|												
	-----												-----												
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 RTLTL 35h 36m 8s												█ 0000 RTLTL 35h 36m 18s												
													DUMMY (5 MIN BRACKETED 14:44) 0307▼												
FDS MODE													CR-5T												
XB DATA RATE(MI)													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 17												OCT 18												

ISSUE DATE: 09/27/21 08:55

