

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: November 24, 2020

For the Period: 11/26/20 to 12/14/20 (20/331 – 20/349)



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

LEGEND:

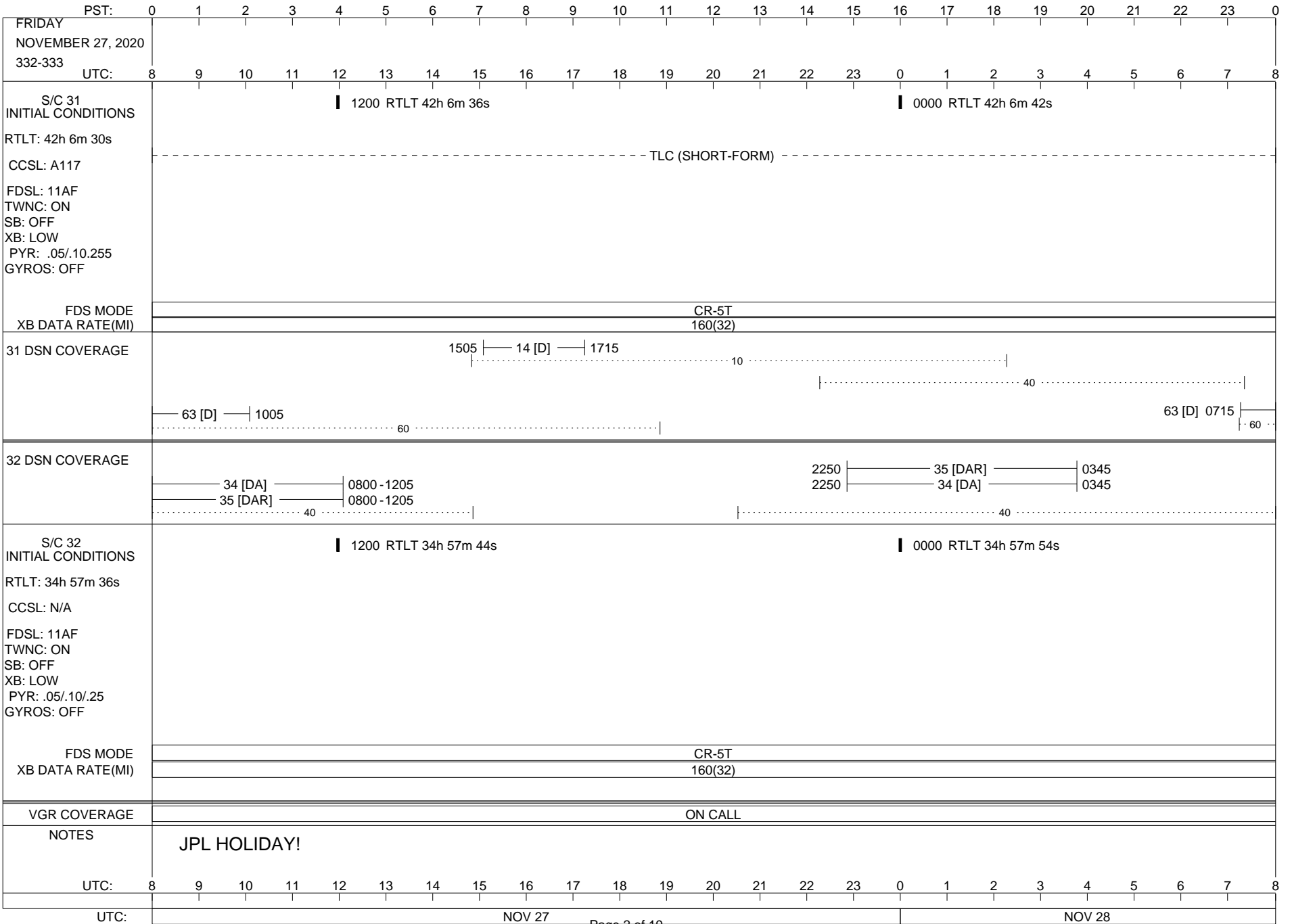
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U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

02/27/19

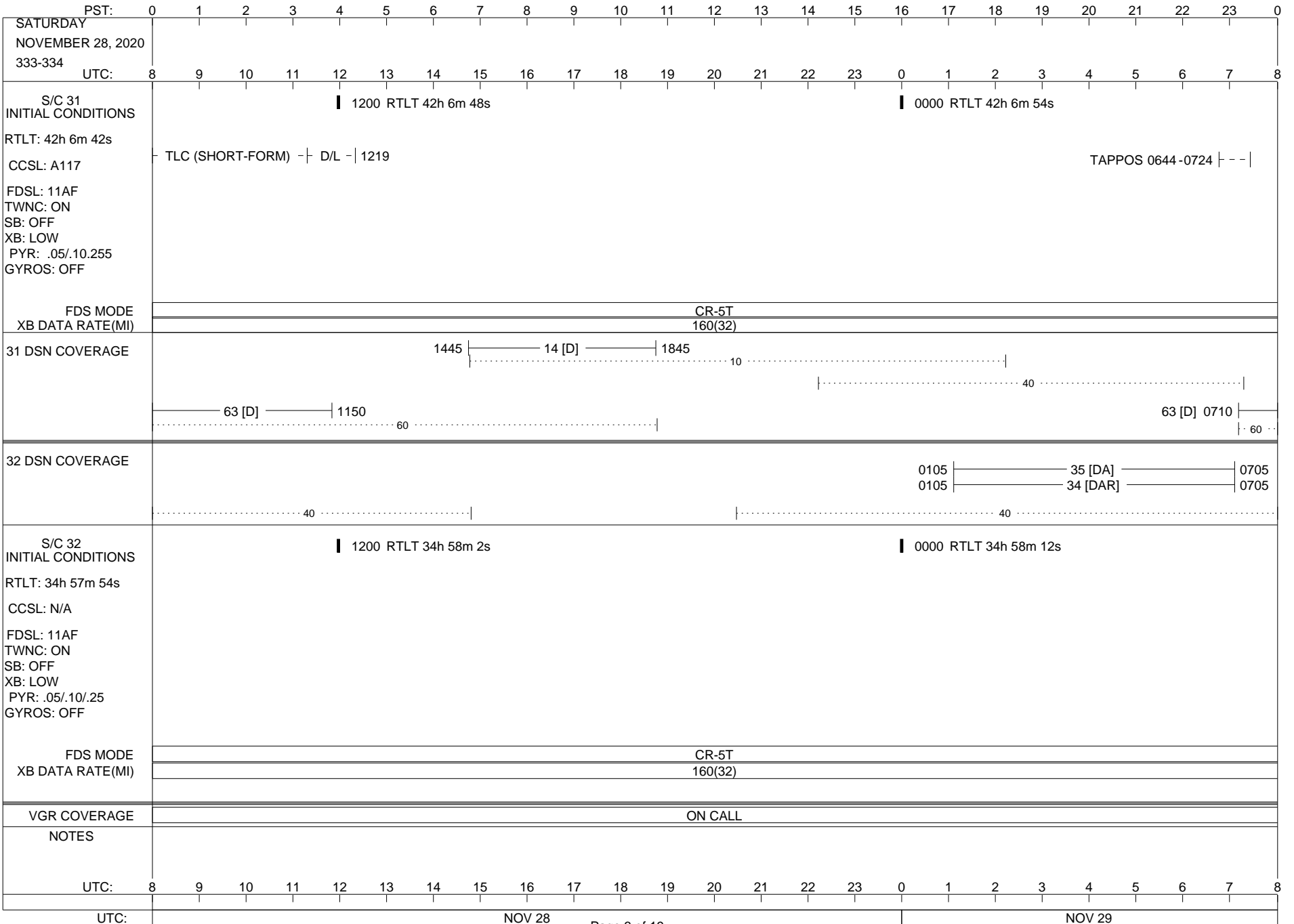
ISSUE DATE: 11/24/20 13:14

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THURSDAY NOVEMBER 26, 2020 331-332																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 42h 6m 16s CCSL: A117 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10.255 GYROS: OFF	1200 RTLT 42h 6m 24s												0000 RTLT 42h 6m 30s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1510 ----- 14 [T] ----- 1855												63 [D] 0720 -----												
32 DSN COVERAGE	40 -----												34 [DA] 0800 35 [DAR] 0800												
S/C 32 INITIAL CONDITIONS RTLT: 34h 57m 16s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 57m 26s												0000 RTLT 34h 57m 36s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	JPL HOLIDAY!																								
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
UTC:	NOV 26												NOV 27												

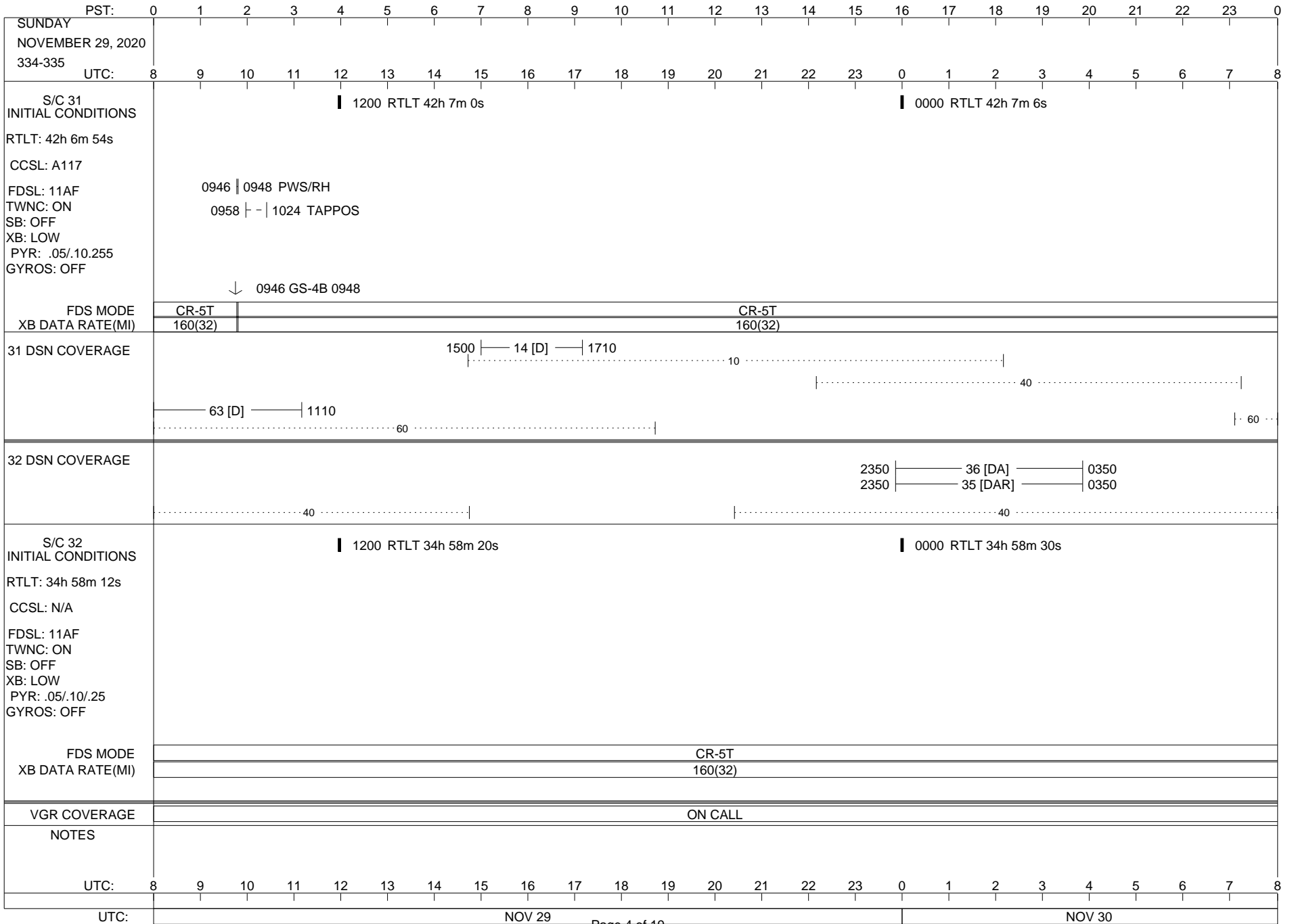
ISSUE DATE: 11/24/20 13:14



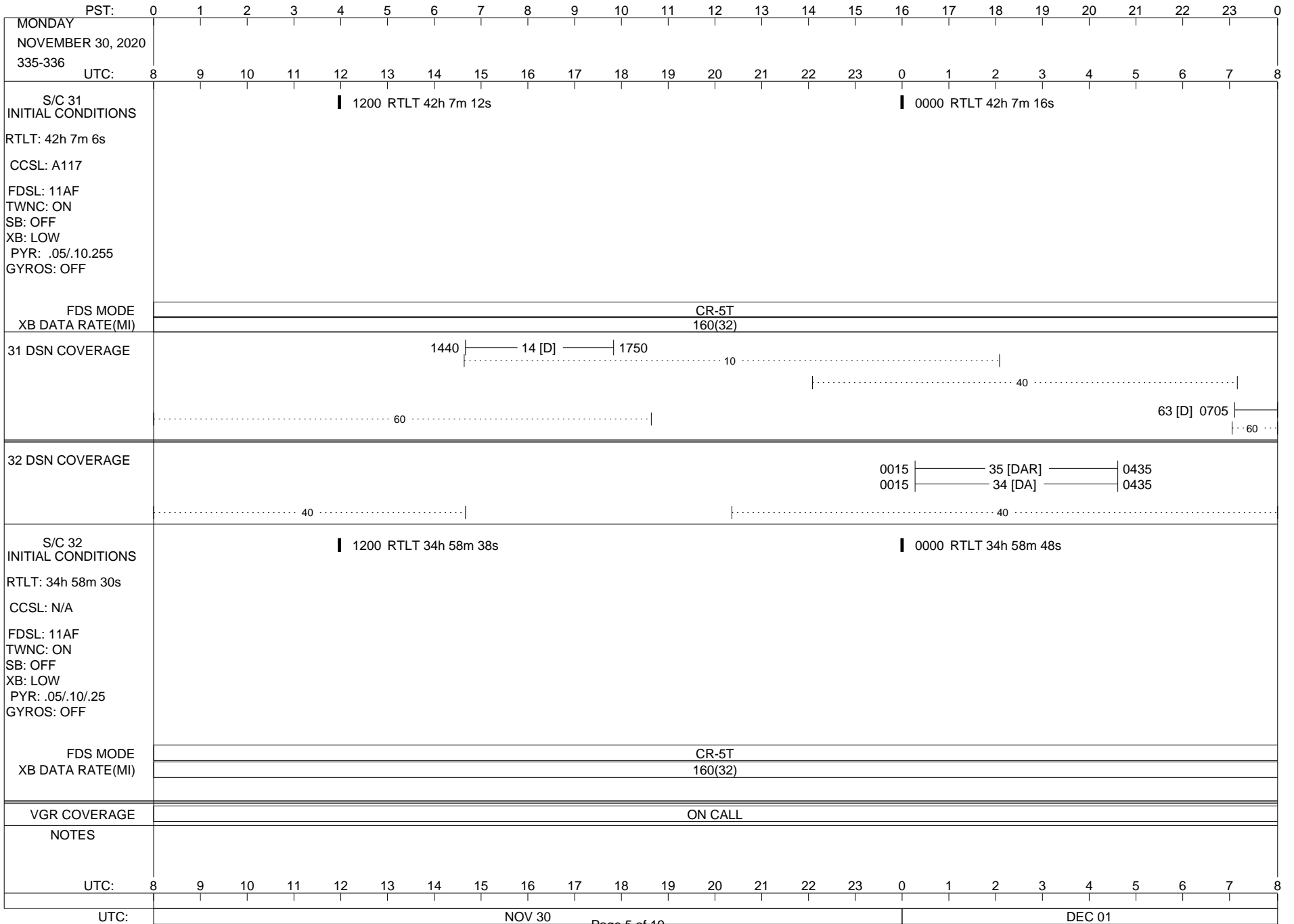
ISSUE DATE: 11/24/20 13:14



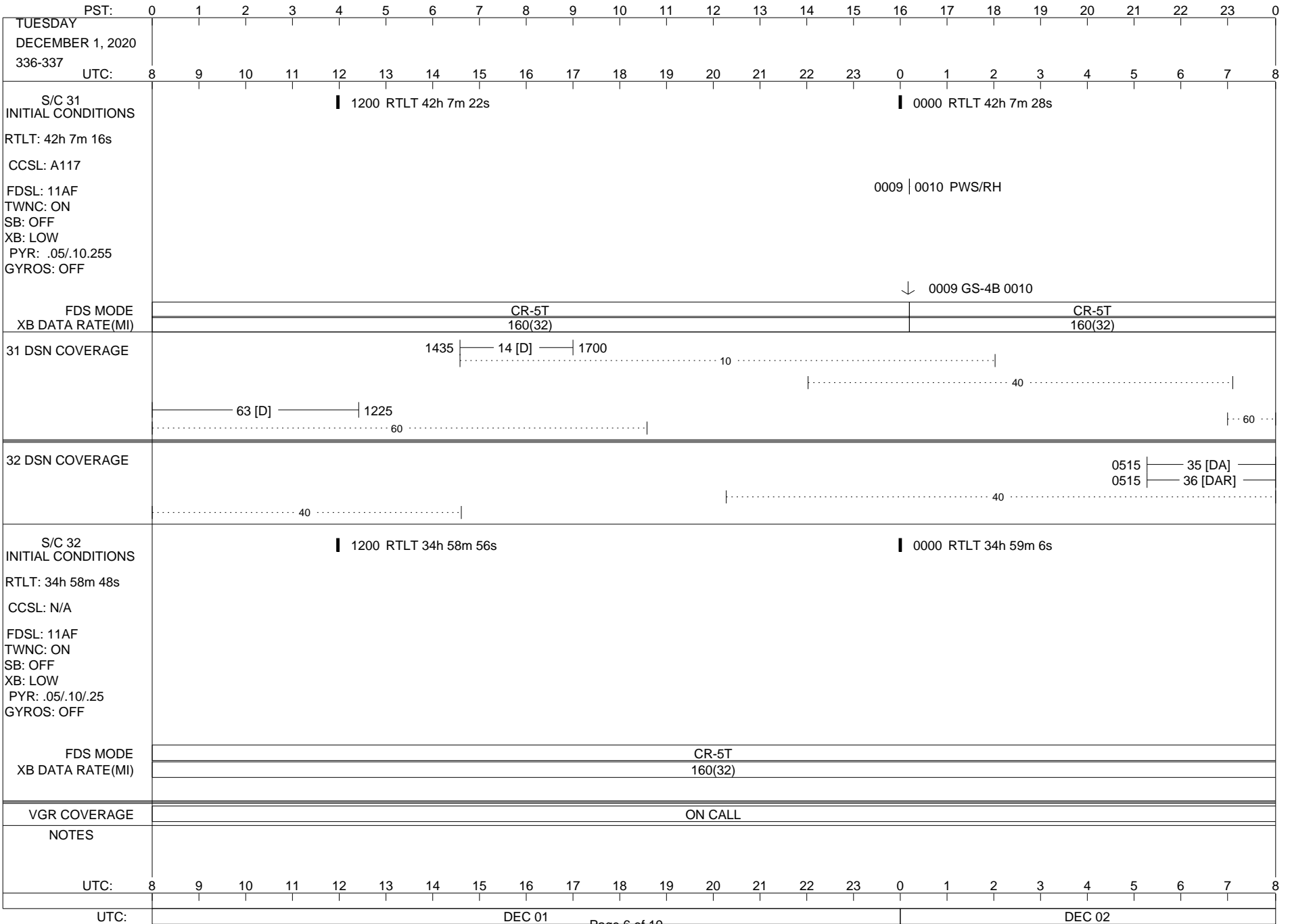
ISSUE DATE: 11/24/20 13:14



ISSUE DATE: 11/24/20 13:14



ISSUE DATE: 11/24/20 13:14



ISSUE DATE: 11/24/20 13:14

PST: 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
DECEMBER 2, 2020
337-338

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

S/C 31
INITIAL CONDITIONS
RTLTL: 42h 7m 28s
CCSL: A117
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10.255
GYROS: OFF

1200 RTLTL 42h 7m 34s 0000 RTLTL 42h 7m 40s

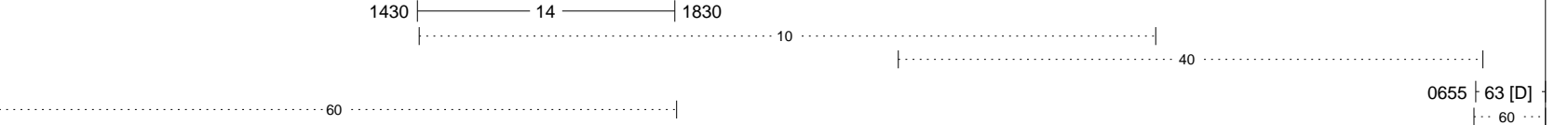
1520 CCS DIAG (09:27)

U/L 1545 |---| TLC (SHORT-FORM) |---|

1638 GYROS AC ON
1638 BAY 1 HTR OFF
1638 |---| 1738 CONDITIONING
1738 GYROS OFF
1747 BAY 1 HTR ON
1642 EL-40 1643

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

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLTL: 34h 59m 6s
CCSL: N/A
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLTL 34h 59m 14s 0000 RTLTL 34h 59m 22s

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

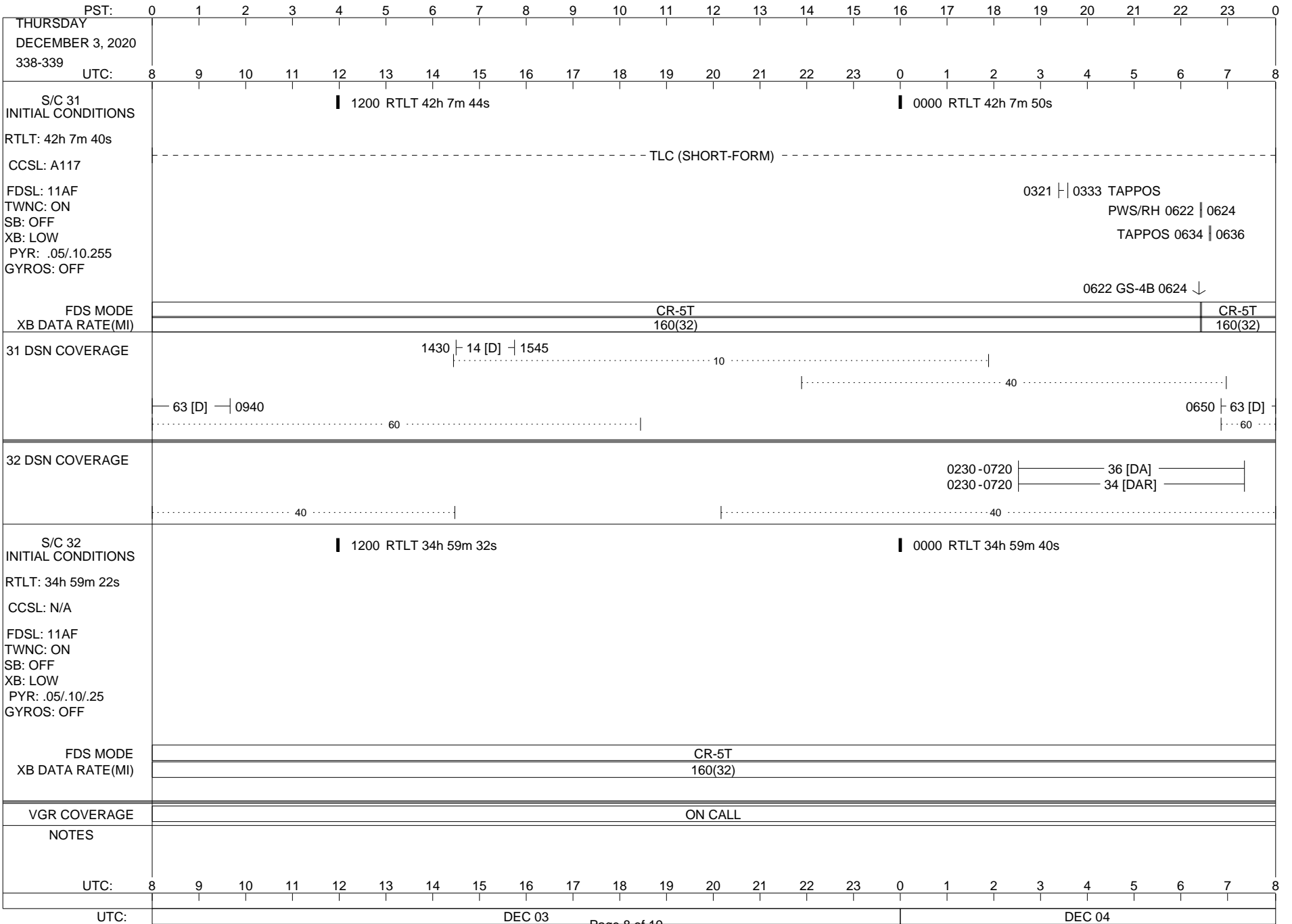
VGR COVERAGE ON CALL VGR ON CALL

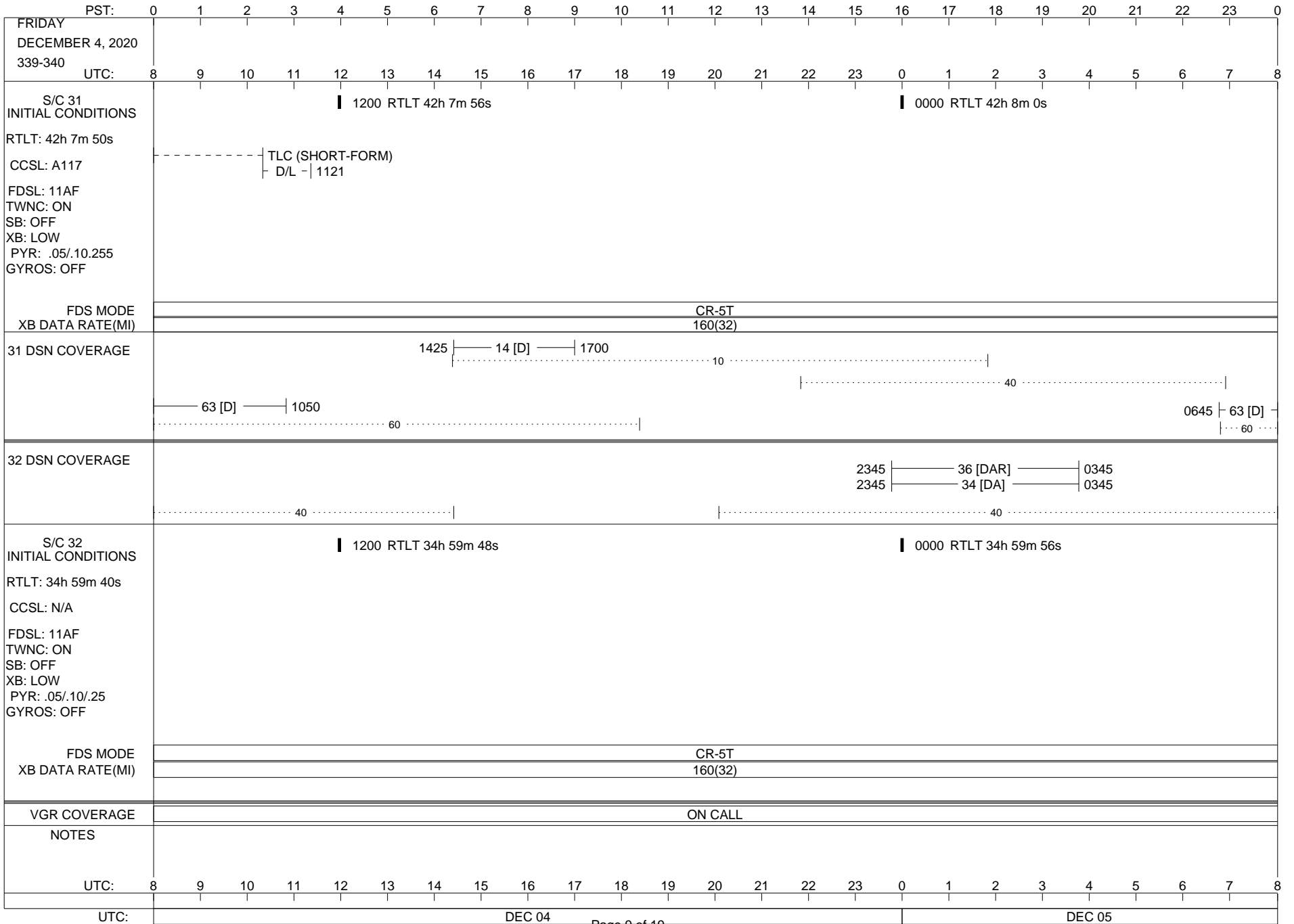
NOTES

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

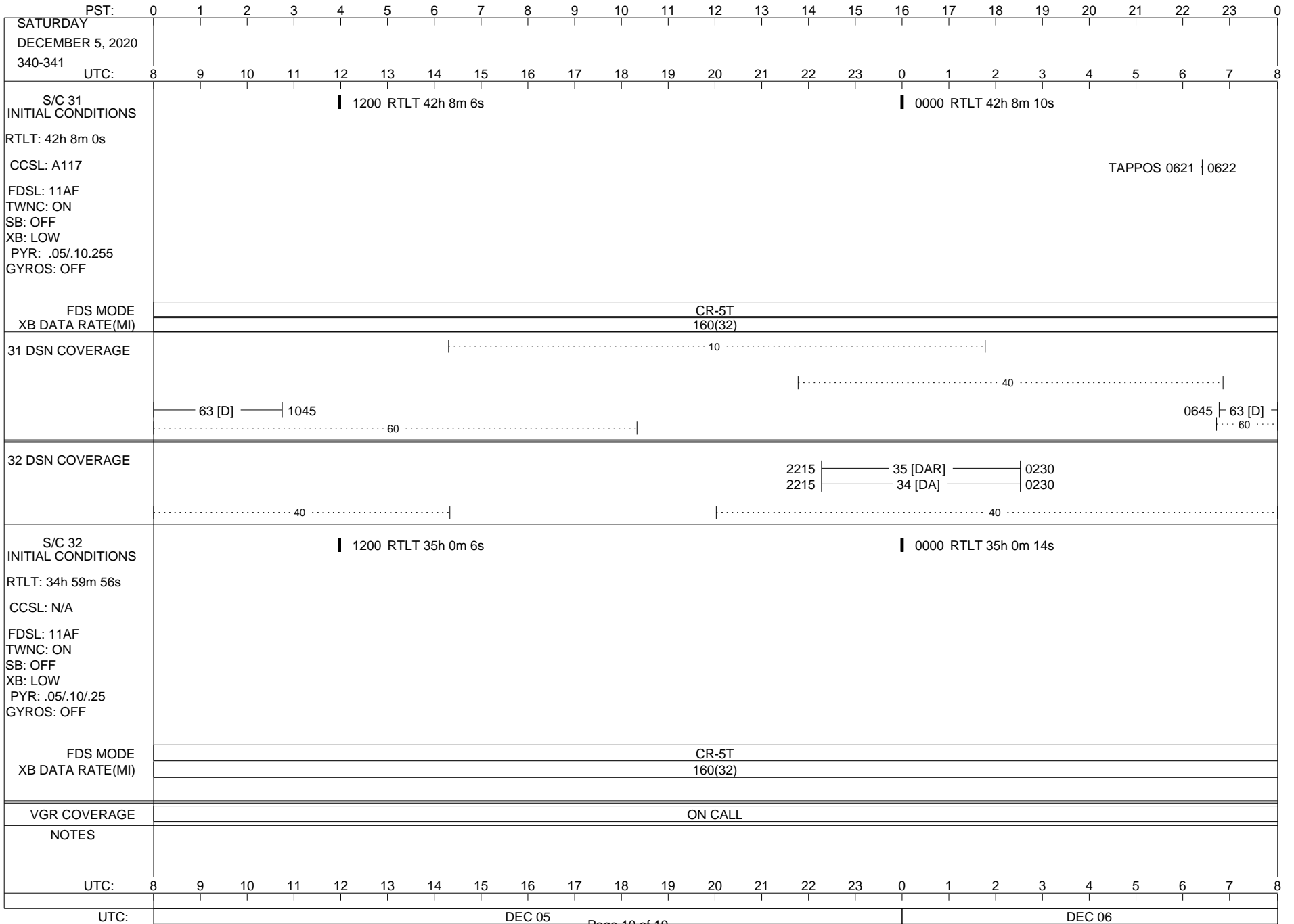
UTC: DEC 02 DEC 03

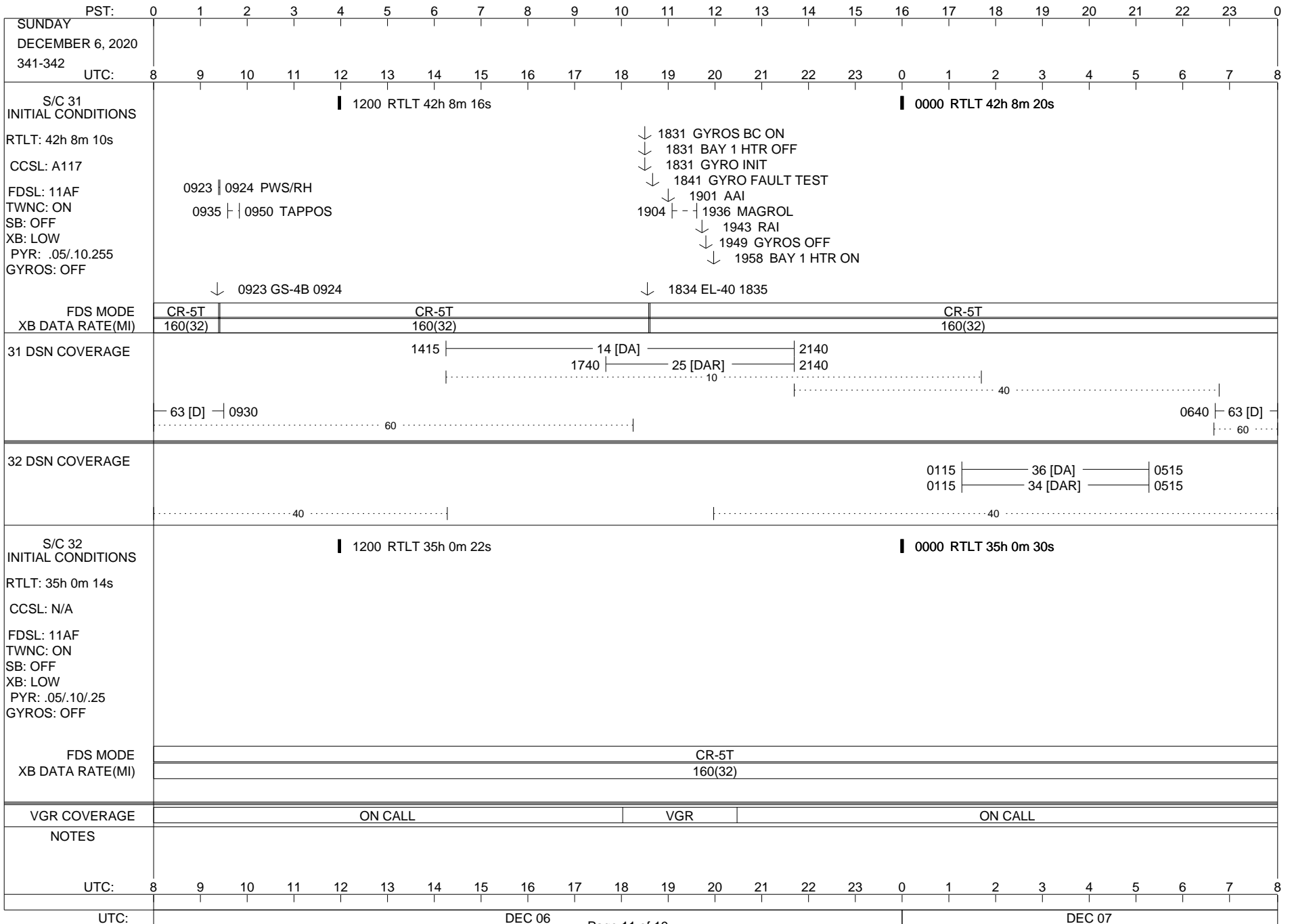
ISSUE DATE: 11/24/20 13:14

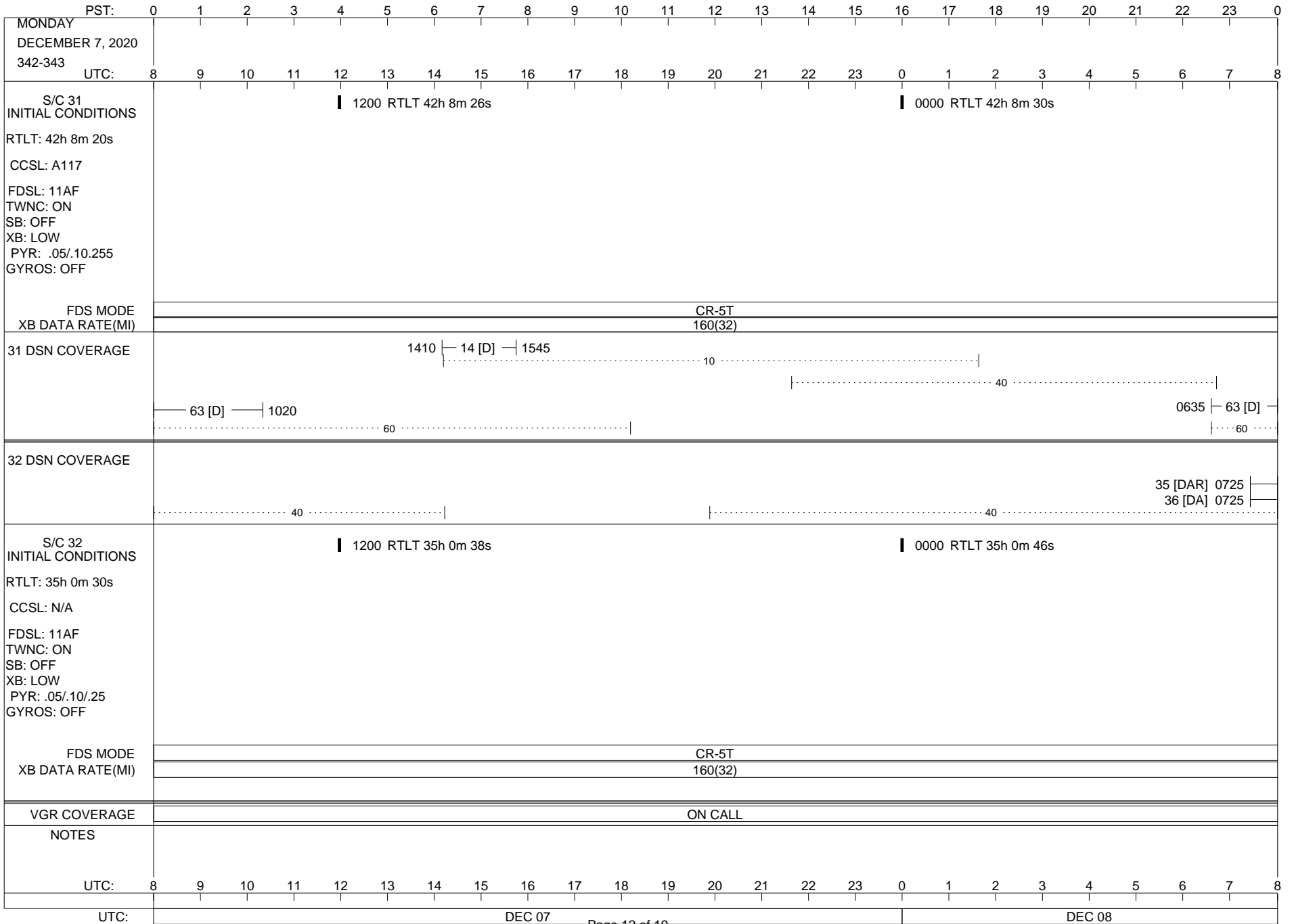


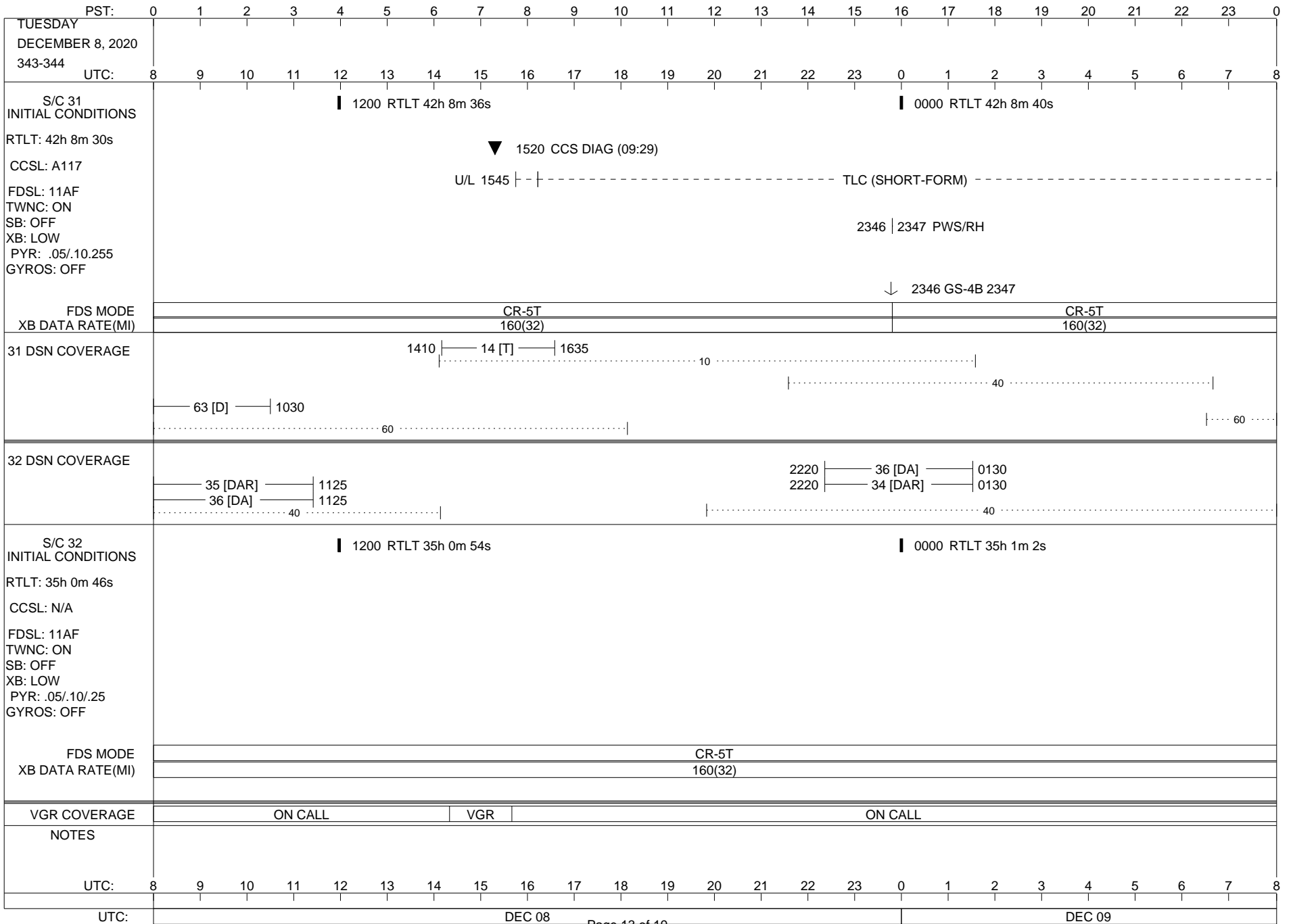


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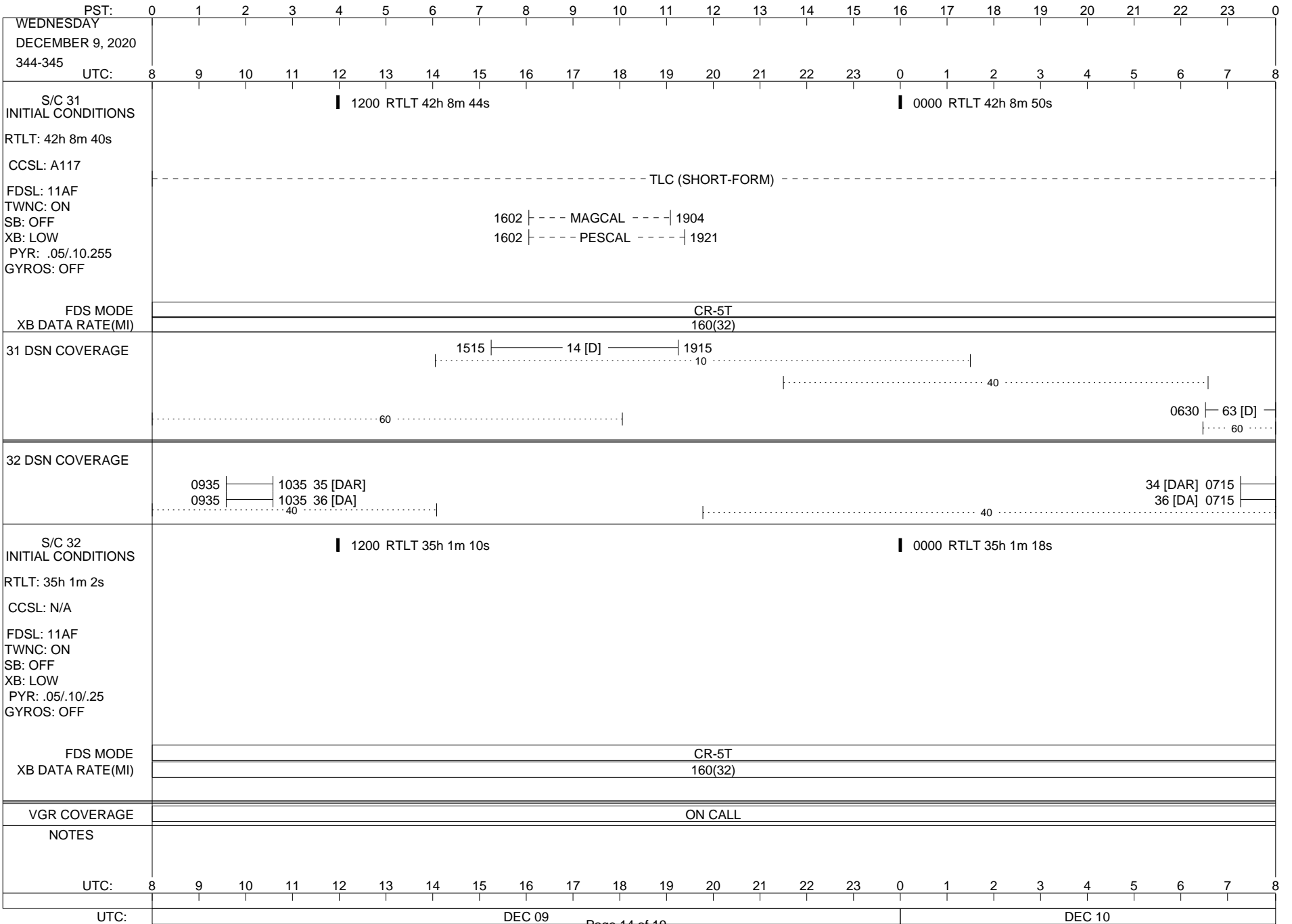




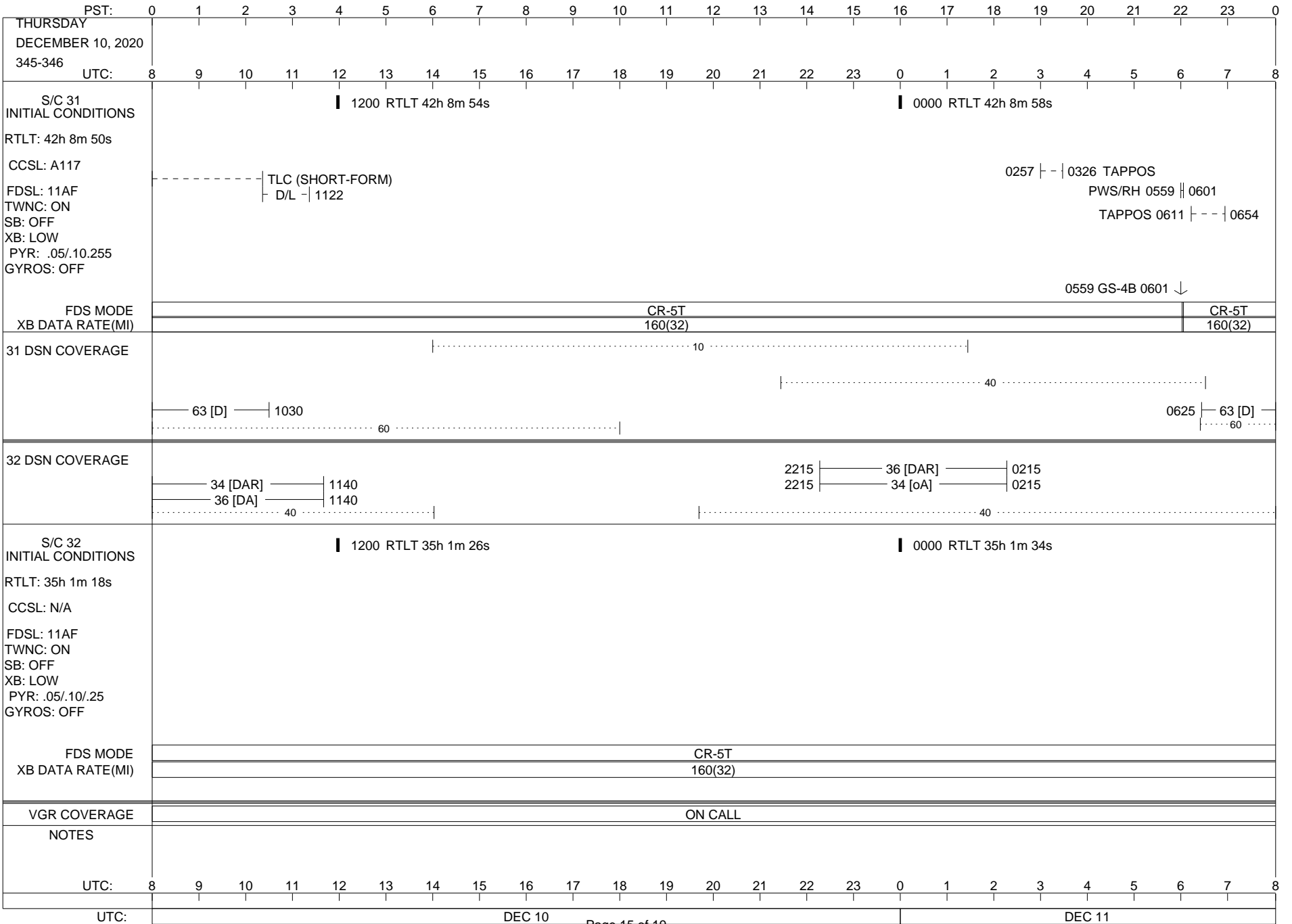




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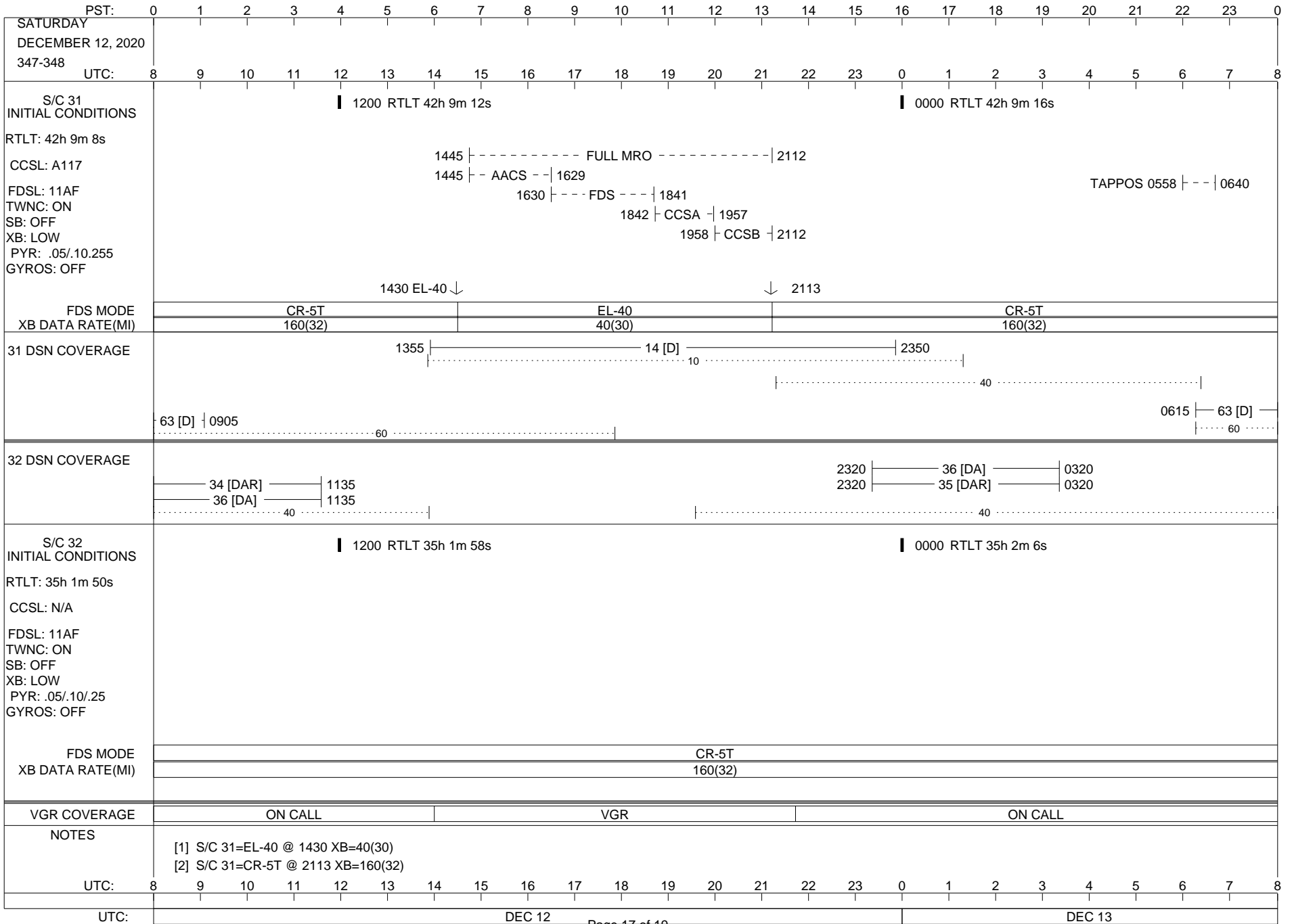
ISSUE DATE: 11/24/20 13:14



ISSUE DATE: 11/24/20 13:14

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FRIDAY DECEMBER 11, 2020 346-347																													
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS RTLT: 42h 8m 58s CCSL: A117 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10.255 GYROS: OFF		1200 RTLT 42h 9m 2s														0000 RTLT 42h 9m 8s													
FDS MODE																CR-5T													
XB DATA RATE(MI)																160(32)													
31 DSN COVERAGE																													
32 DSN COVERAGE																													
S/C 32 INITIAL CONDITIONS RTLT: 35h 1m 34s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 35h 1m 42s														0000 RTLT 35h 1m 50s													
FDS MODE																CR-5T													
XB DATA RATE(MI)																160(32)													
VGR COVERAGE		ON CALL																											
NOTES																													
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
UTC:		DEC 11														DEC 12													

ISSUE DATE: 11/24/20 13:14



ISSUE DATE: 11/24/20 13:14

PST: 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
DECEMBER 13, 2020
348-349 UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

S/C 31
INITIAL CONDITIONS
RTLT: 42h 9m 16s
CCSL: A117
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10.255
GYROS: OFF
1200 RTLT 42h 9m 20s
0859 | 0901 PWS/RH
0911 | - - - | 1008 TAPPOS
0000 RTLT 42h 9m 24s
↓ 0859 GS-4B 0901

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

31 DSN COVERAGE
1350 |-----| 14 [D] |-----| 1935
|-----| 10 |-----| 40
63 [D] |-----| 0955
|-----| 60
55 [DA] 0720
54 [DA] 0720
65 [DAR] 0720
|-----| 60

32 DSN COVERAGE
2145 |-----| 36 [DA] |-----| 0145
2145 |-----| 35 [DAR] |-----| 0145
|-----| 40 |-----| 40

S/C 32
INITIAL CONDITIONS
RTLT: 35h 2m 6s
CCSL: N/A
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF
1200 RTLT 35h 2m 14s
0000 RTLT 35h 2m 20s

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

VGR COVERAGE
ON CALL

NOTES

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

ISSUE DATE: 11/24/20 13:14

PST:	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 DECEMBER 14, 2020 349-350	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8							
S/C 31 INITIAL CONDITIONS RTLT: 42h 9m 24s CCSL: A117 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10.255 GYROS: OFF	1200 RTLT 42h 9m 28s																															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)																			
31 DSN COVERAGE	<table border="0"> <tr> <td>55 [DA]</td><td>1120</td> </tr> <tr> <td>54 [DA]</td><td>1120</td> </tr> <tr> <td>65 [DAR]</td><td>1120</td> </tr> <tr> <td colspan="2">..... 60</td> </tr> </table>																								55 [DA]	1120	54 [DA]	1120	65 [DAR]	1120 60	
55 [DA]	1120																															
54 [DA]	1120																															
65 [DAR]	1120																															
..... 60																																
32 DSN COVERAGE 40																															
S/C 32 INITIAL CONDITIONS RTLT: 35h 2m 20s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 2m 28s																															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)																			
VGR COVERAGE	ON CALL																															
NOTES																																
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8							
UTC:	DEC 14												DEC 15																			