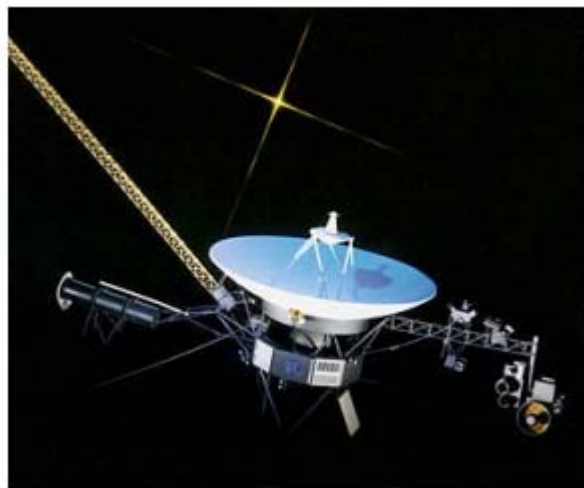


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: February 17, 2021

For the Period: 02/18/21 to 03/08/21 (21/049 – 21/067)



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: 02/18/21 17:32

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
THURSDAY FEBRUARY 18, 2021 049-050	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: 35h 10m 32s CCSL: A118 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10.25 GYROS: OFF	2258 2311 TAPPOS 0200 0201 PWS/RH 0212 - 0238 TAPPOS ↓ 0200 GS-4B 0201																								
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)											CR-5T 160(32)													
31 DSN COVERAGE	0925 — 14 [D] — 1205 10 40 60 0150 — 63 [D] — 0440 60																								
32 DSN COVERAGE	1510 — 43 [D] — 1910 40																								
S/C 32 INITIAL CONDITIONS RTLTL: 35h 10m 32s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10.25 GYROS: OFF	█ 1200 RTLTL 35h 10m 32s █ 0000 RTLTL 35h 10m 32s																								
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:	FEB 18											FEB 19													

ISSUE DATE: 02/18/21 17:32

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	
FRIDAY FEBRUARY 19, 2021 050-051	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: 35h 10m 32s CCSL: A118 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10.25 GYROS: OFF	0000 RTLT 42h 10m 36s																									
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)												
31 DSN COVERAGE	0925 ----- 14 [D] ----- 1325 ----- 10 ----- ----- 40 ----- ----- 60 ----- ----- 0255 --- 63 [D] --- 0435 ----- ----- 60 -----																									
32 DSN COVERAGE	----- 40 ----- ----- 1620 ----- 43 [B1] ----- 2055 ----- ----- 40 -----																									
S/C 32 INITIAL CONDITIONS RTLT: 35h 10m 32s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10.25 GYROS: OFF	1200 RTLT 35h 10m 32s													0000 RTLT 35h 10m 32s												
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)												
VGR COVERAGE	ON CALL													VGR						ON CALL						
NOTES	[1] B191 BACKUP U/L TRACK																									
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:	FEB 19													FEB 20												

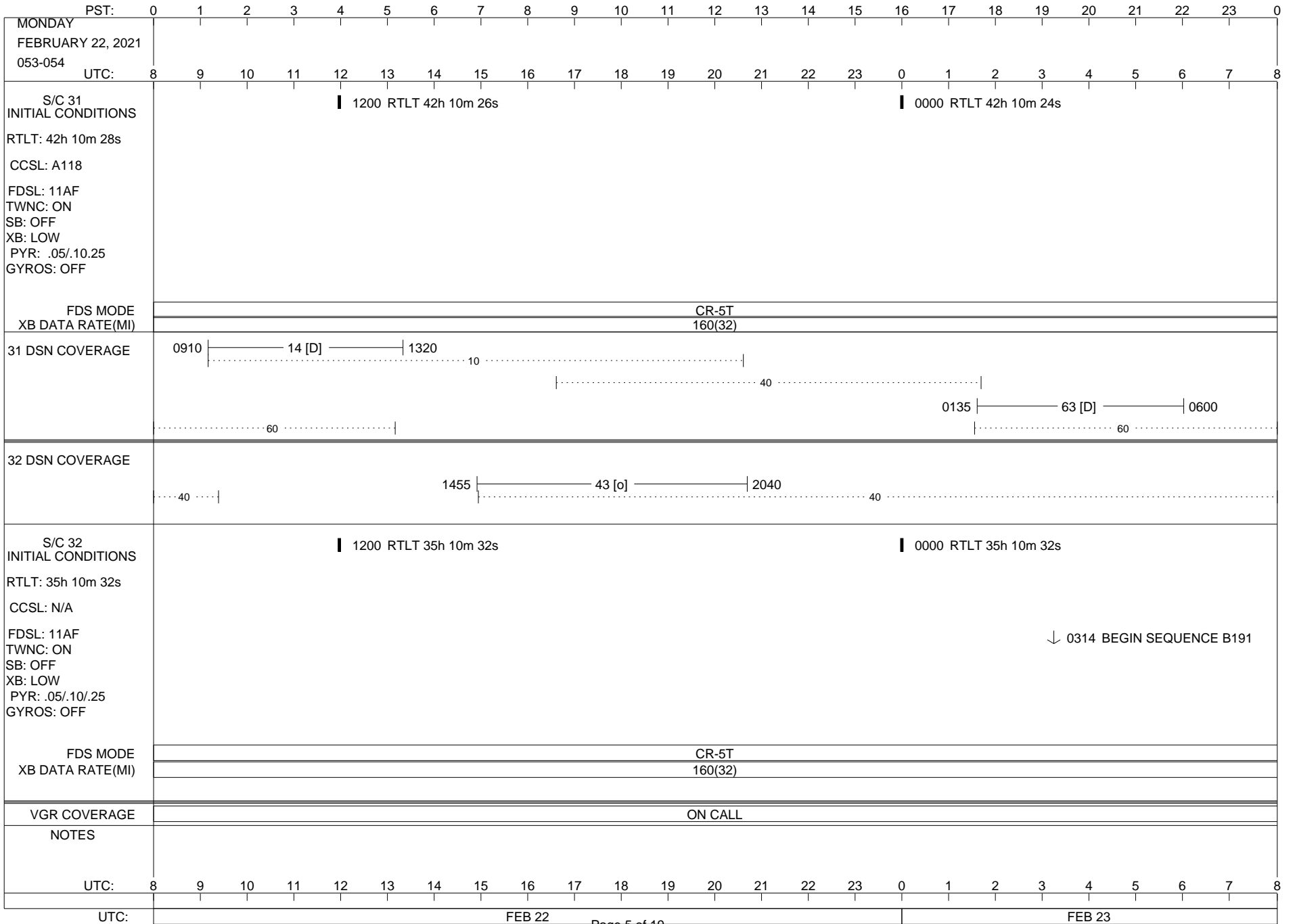
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SATURDAY																										
FEBRUARY 20, 2021																										
051-052																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLT: 35h 10m 32s CCSL: A118 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10.25 GYROS: OFF																										
U/L 1145 - - - - - - TLC (SHORT-FORM) - - - - - ▼ 0956 EL-40 FDS MRO (04:07) ▼ 1040 CR-5T FDS MRO (04:51) ▼ 1120 DUMMY (05:31)																										
0000 RTLT 42h 10m 32s 0158 - 0224 TAPPOS 0500 0501 PWS/RH 0512 - - 0552 TAPPOS ↓ 0500 GS-4B 0501																										
FDS MODE XB DATA RATE(MI)																										
CR-5T 160(32)																										
CR-5T 160(32)																										
31 DSN COVERAGE																										
0920 ----- 14 [T] ----- 1425 ----- 10 ----- ----- 40 ----- 0140 ----- 63 [D] ----- 0430 ----- 60 -----																										
32 DSN COVERAGE																										
1505 ----- 43 [D] ----- 2125 ----- 40 ----- ----- 40 ----- 0345-0745 ----- 43 [D] -----																										
S/C 32 INITIAL CONDITIONS RTLT: 35h 10m 32s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10.25 GYROS: OFF																										
1200 RTLT 35h 10m 32s 0000 RTLT 35h 10m 32s																										
FDS MODE XB DATA RATE(MI)																										
CR-5T 160(32)																										
VGR COVERAGE 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: FEB 20																	UTC: FEB 21									

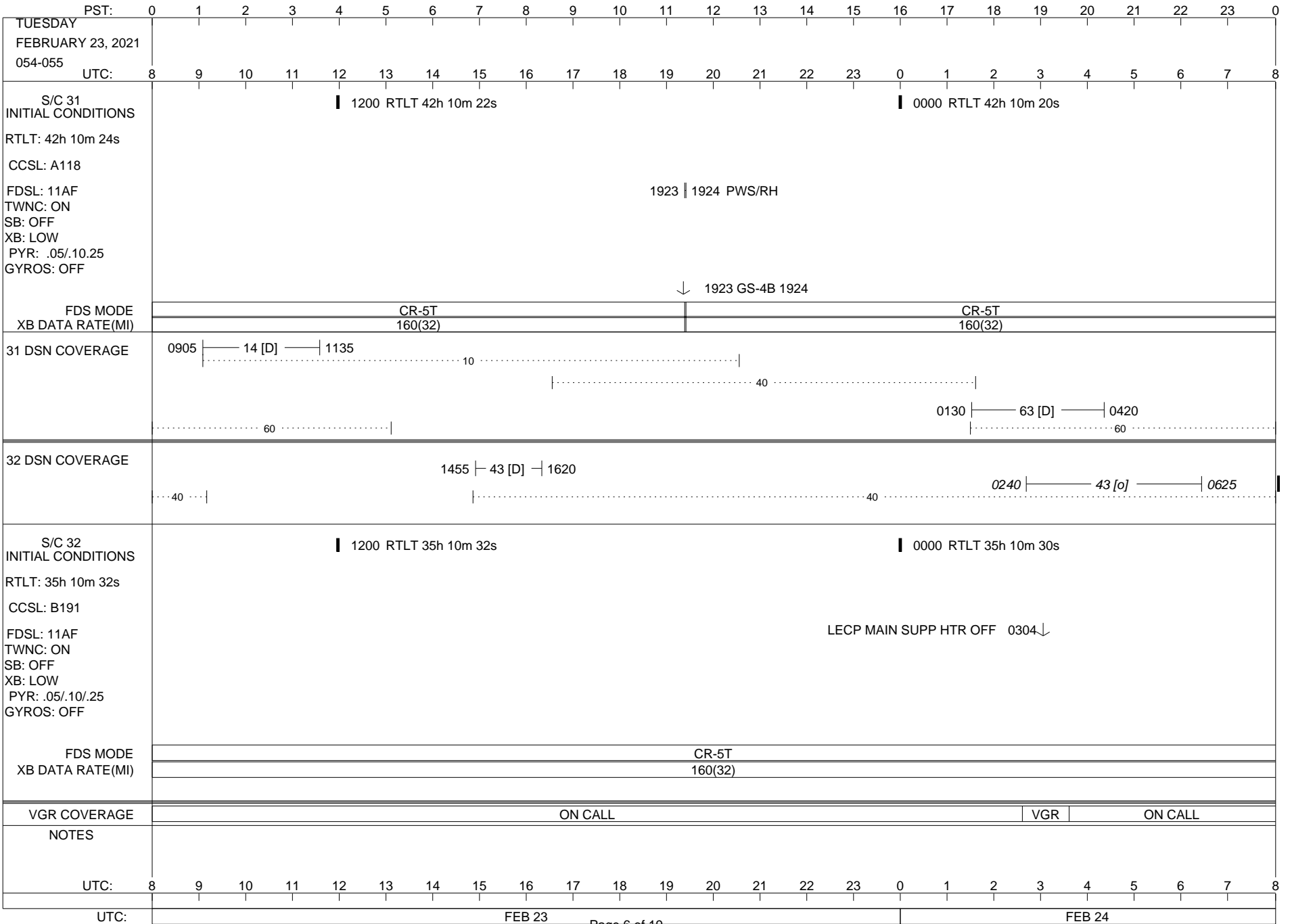
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SUNDAY FEBRUARY 21, 2021 052-053	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 35h 10m 32s CCSL: A118 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10.25 GYROS: OFF	1200 RTLT 42h 10m 30s												0000 RTLT 42h 10m 28s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	0915 ----- 14 [D] ----- 1325 ----- 10 ----- ----- 40 ----- ----- 60 -----												0140 ----- 63 [D] ----- 0600 ----- 60 -----												
32 DSN COVERAGE	1520 ----- 43 [D] ----- 2120 ----- 40 -----																								
S/C 32 INITIAL CONDITIONS RTLT: 35h 10m 32s CCSL: N/A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10.25 GYROS: OFF	1200 RTLT 35h 10m 32s												0000 RTLT 35h 10m 32s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL												VGR						ON CALL						
NOTES	[1] S/C 31=EL-40 @ 0408 XB=40(30) [2] S/C 31=CR-5T @ 0422 XB=160(32)																								
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:	FEB 21												FEB 22												

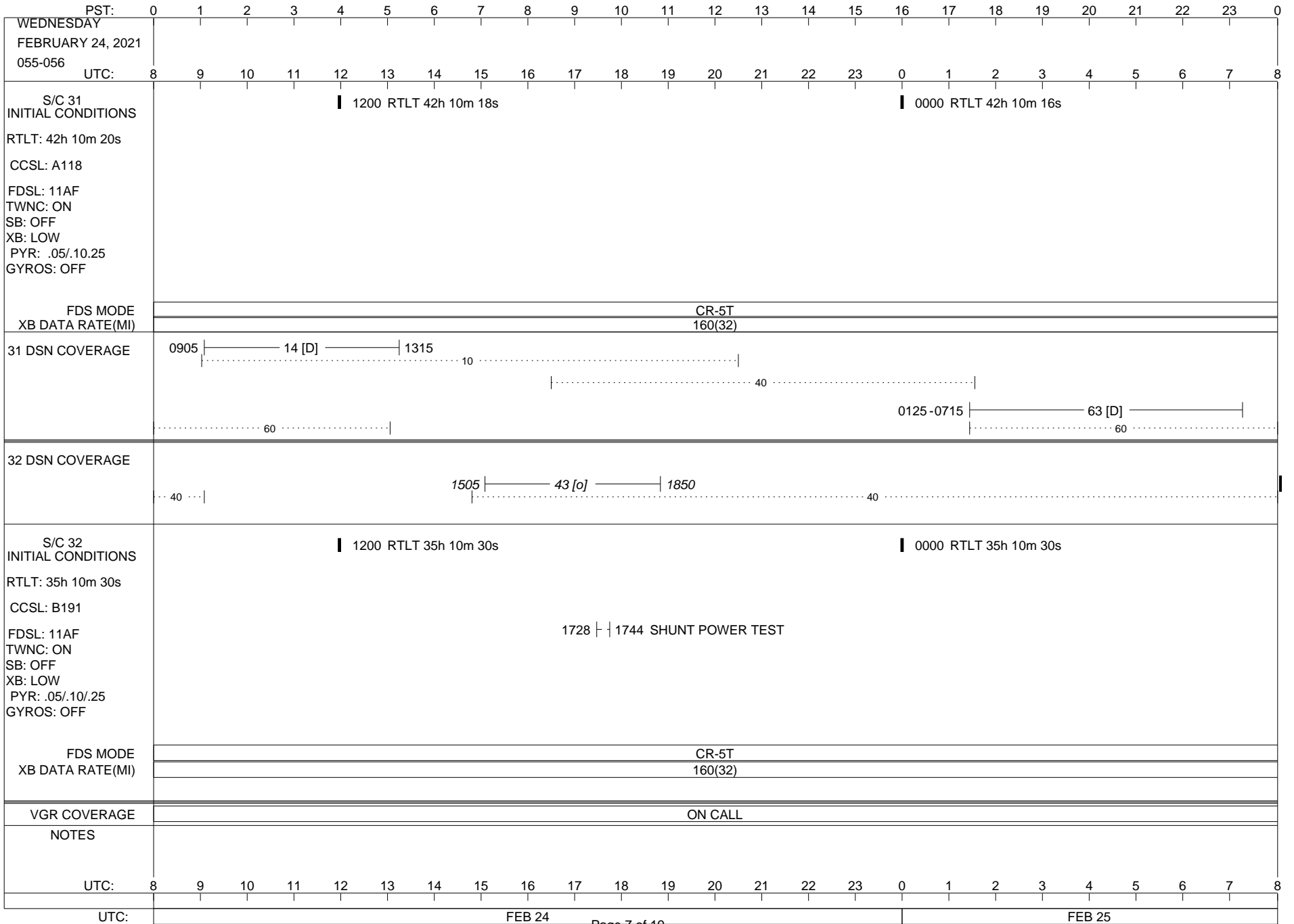
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ISSUE DATE: 02/18/21 17:32



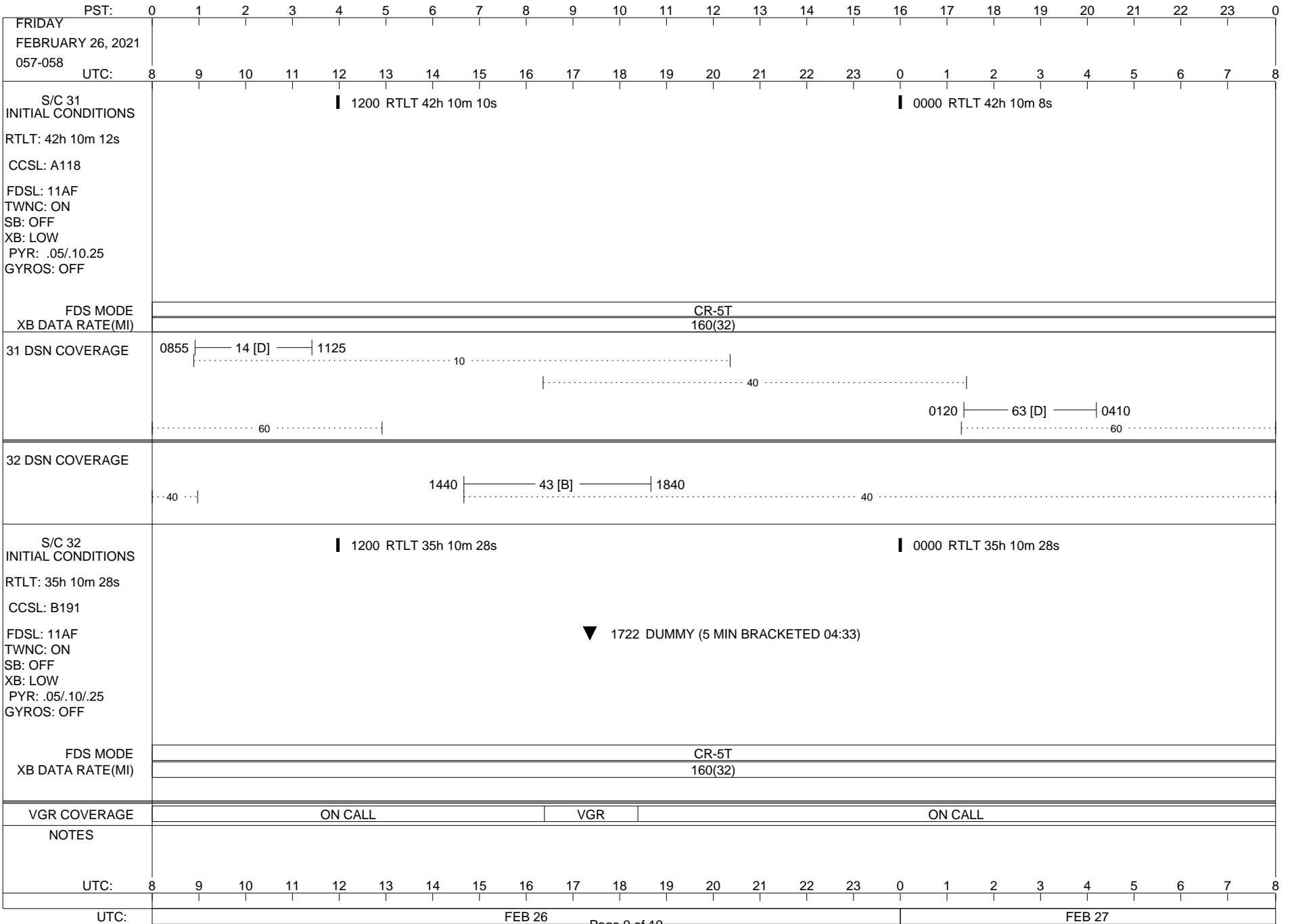
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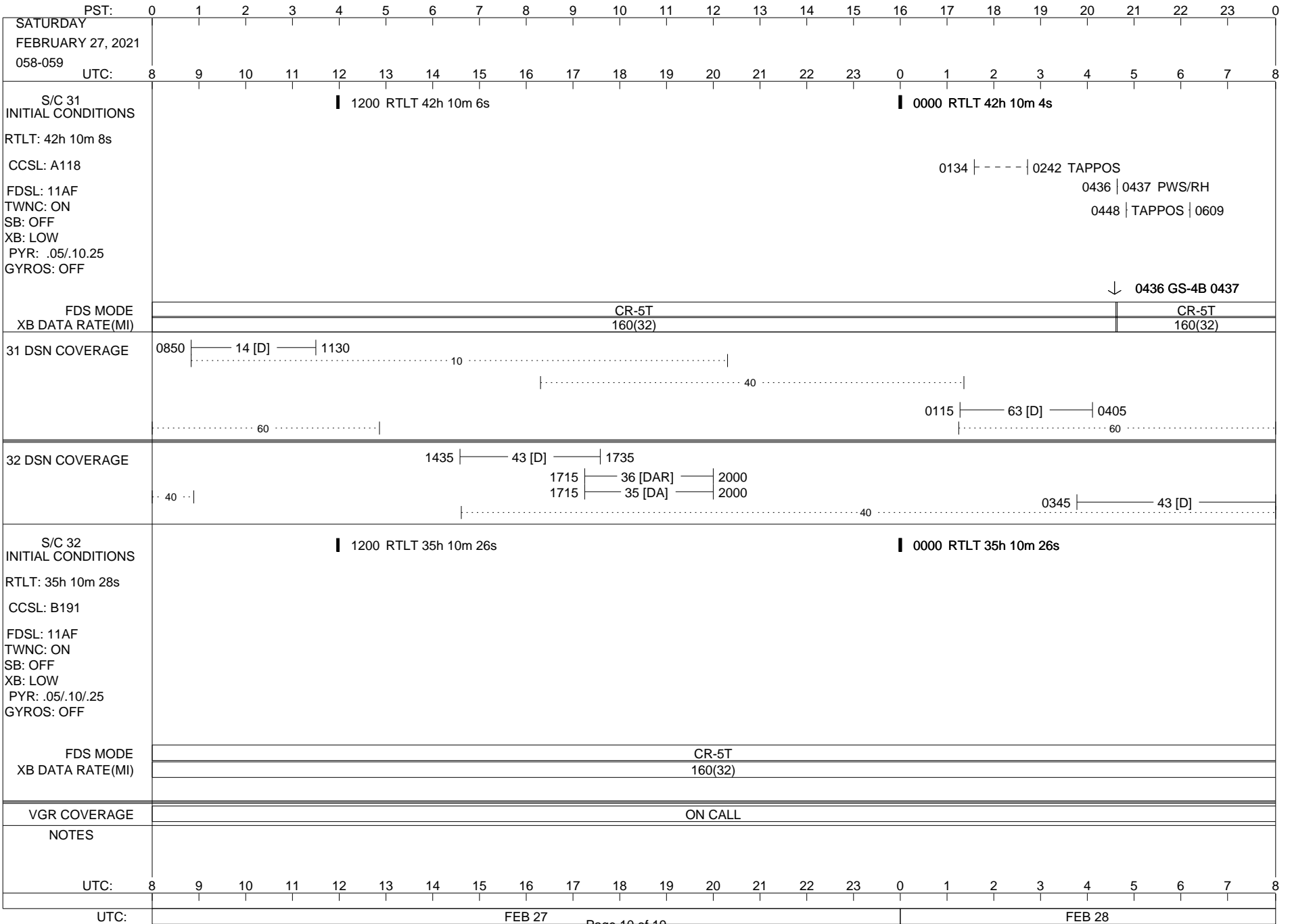
ISSUE DATE: 02/18/21 17:32

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
THURSDAY FEBRUARY 25, 2021 056-057																									
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 10m 16s CCSL: A118 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10.25 GYROS: OFF	1200 RTLTL 42h 10m 14s												0000 RTLTL 42h 10m 12s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0900 ----- 14 [D] ----- 1140 ----- 10 ----- ----- 40 ----- ----- 60 -----												0230 ----- 54 [DA] ----- 0600 0230 ----- 55 [DAR] ----- 0600 0230 ----- 65 [DA] ----- 0600 ----- 60 -----												
32 DSN COVERAGE	1625 ----- 43 [D] ----- 0405 ----- 40 -----																								
S/C 32 INITIAL CONDITIONS RTLTL: 35h 10m 30s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10.25 GYROS: OFF	1200 RTLTL 35h 10m 30s												0000 RTLTL 35h 10m 28s												
FDS MODE	1759 EL-40 1822 ↓												↓ 0050												
XB DATA RATE(MI)	CR-5T 160(32)												EL-40 40(30)												
VGR COVERAGE	ON CALL												VGR												
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
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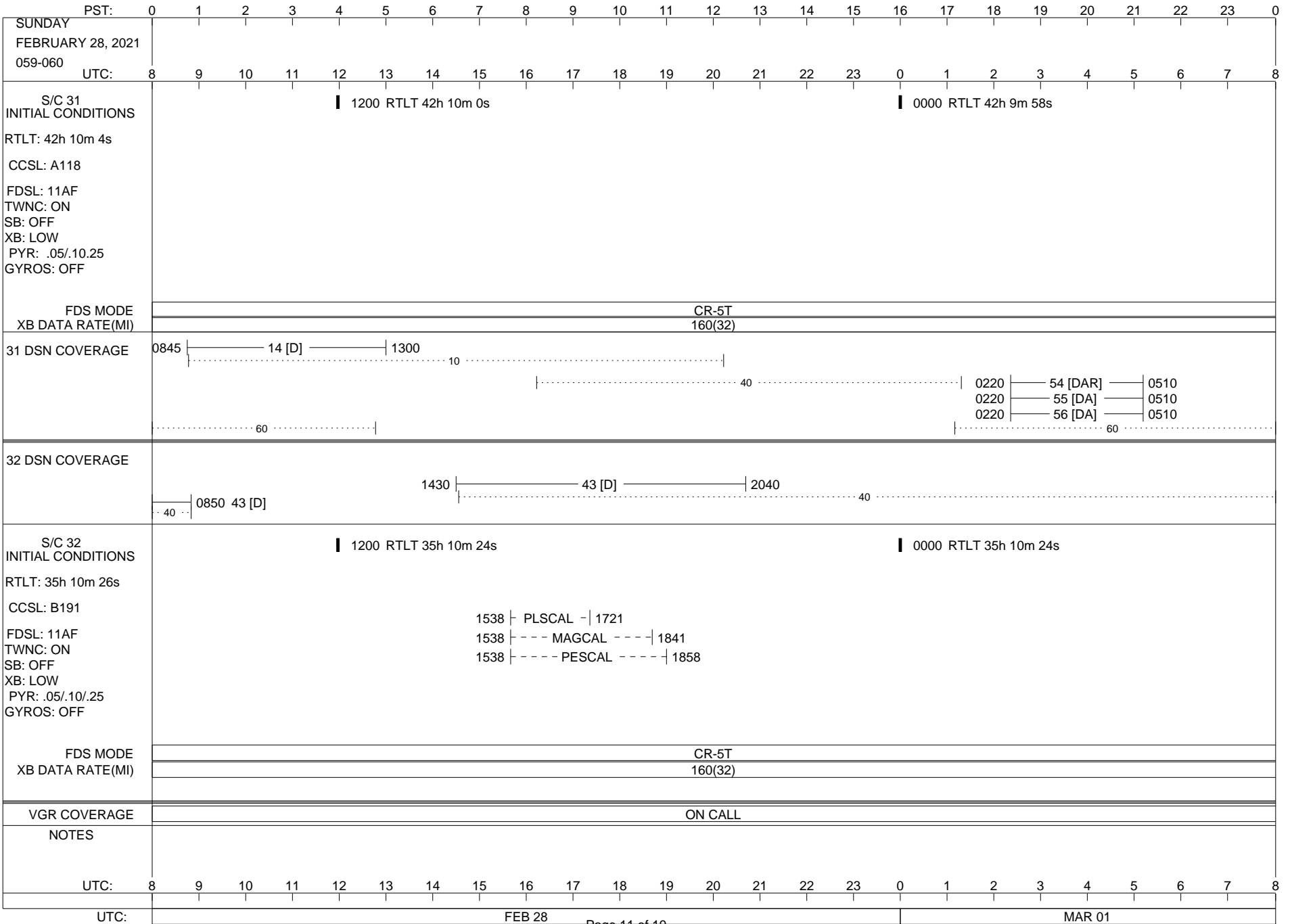
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ISSUE DATE: 02/18/21 17:32



ISSUE DATE: 02/18/21 17:32

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
MARCH 1, 2021
060-061

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
RTL: 42h 9m 58s
CCSL: A118
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10.25
GYROS: OFF

1200 RTLT 42h 9m 56s 0000 RTLT 42h 9m 54s

1114 | --- MAGCAL --- | 1416
1114 | --- PESCAL --- | 1434

▼ 1120 CCS DIAG (05:30)

U/L 1145 | - | - - - - - TLC (SHORT-FORM) - - - - -

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTL: 35h 10m 24s
CCSL: B191
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10.25
GYROS: OFF

1200 RTLT 35h 10m 24s 0000 RTLT 35h 10m 22s

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE

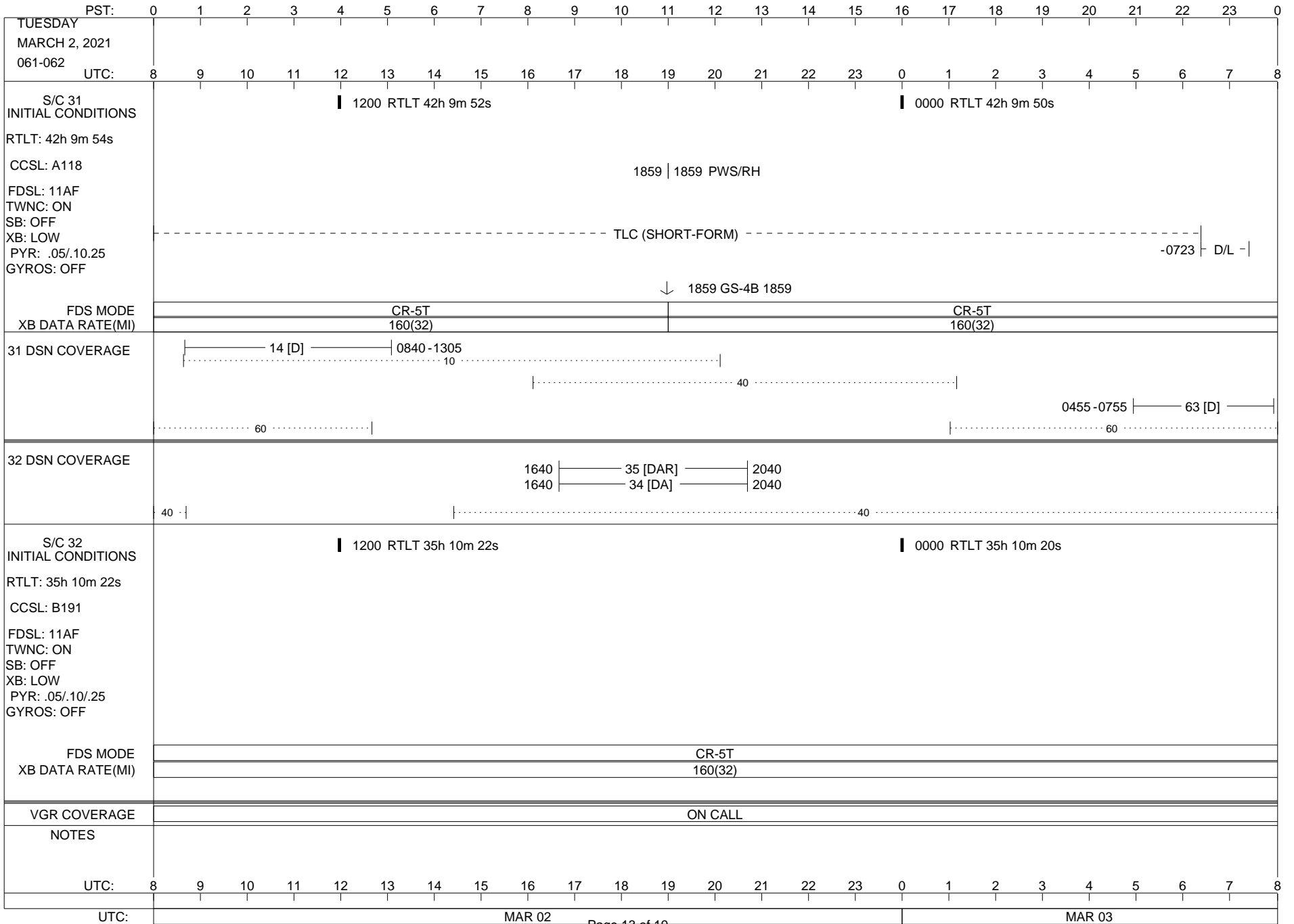
ON CALL VGR ON CALL

NOTES

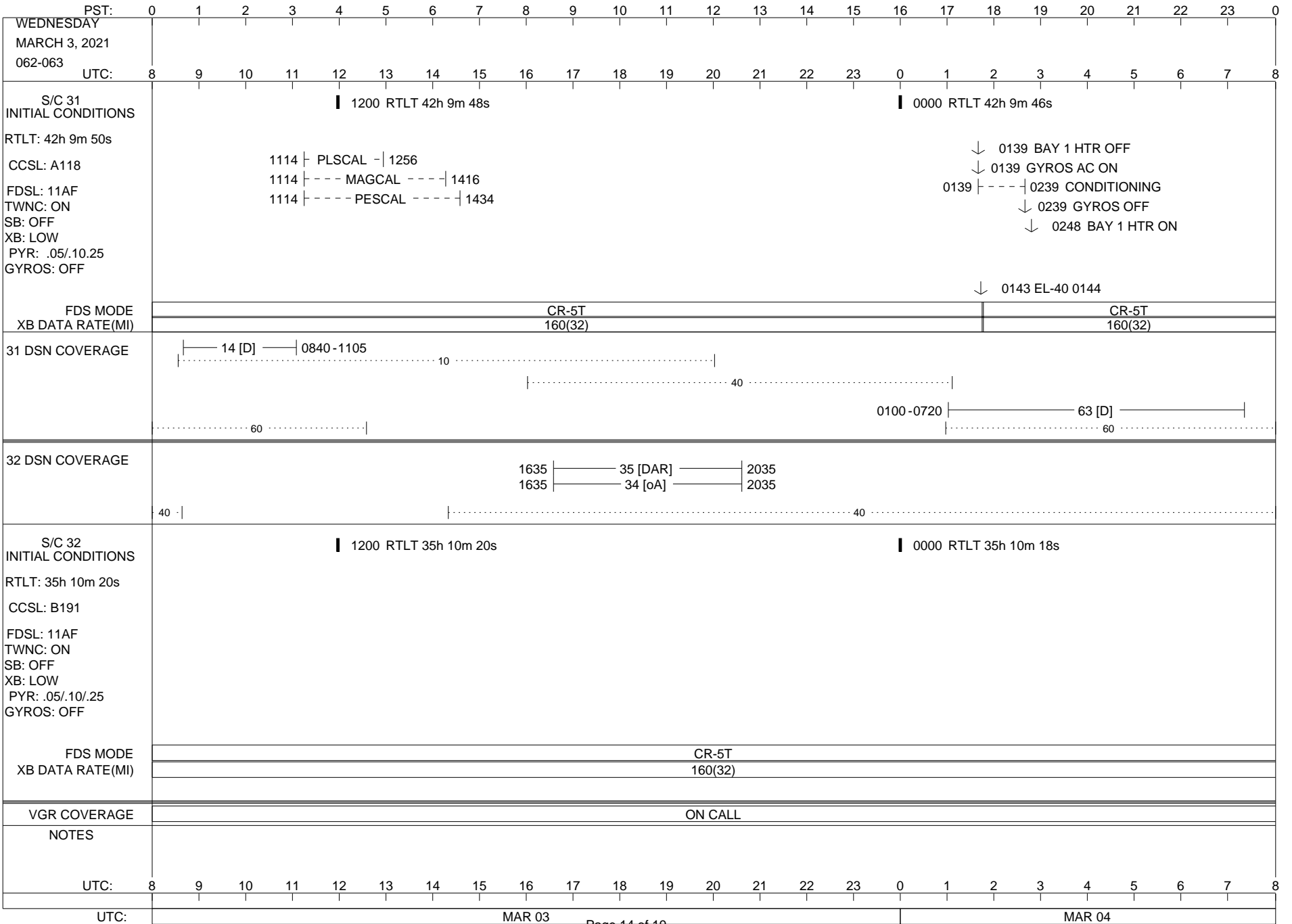
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UTC: MAR 01 Page 12 of 19 MAR 02

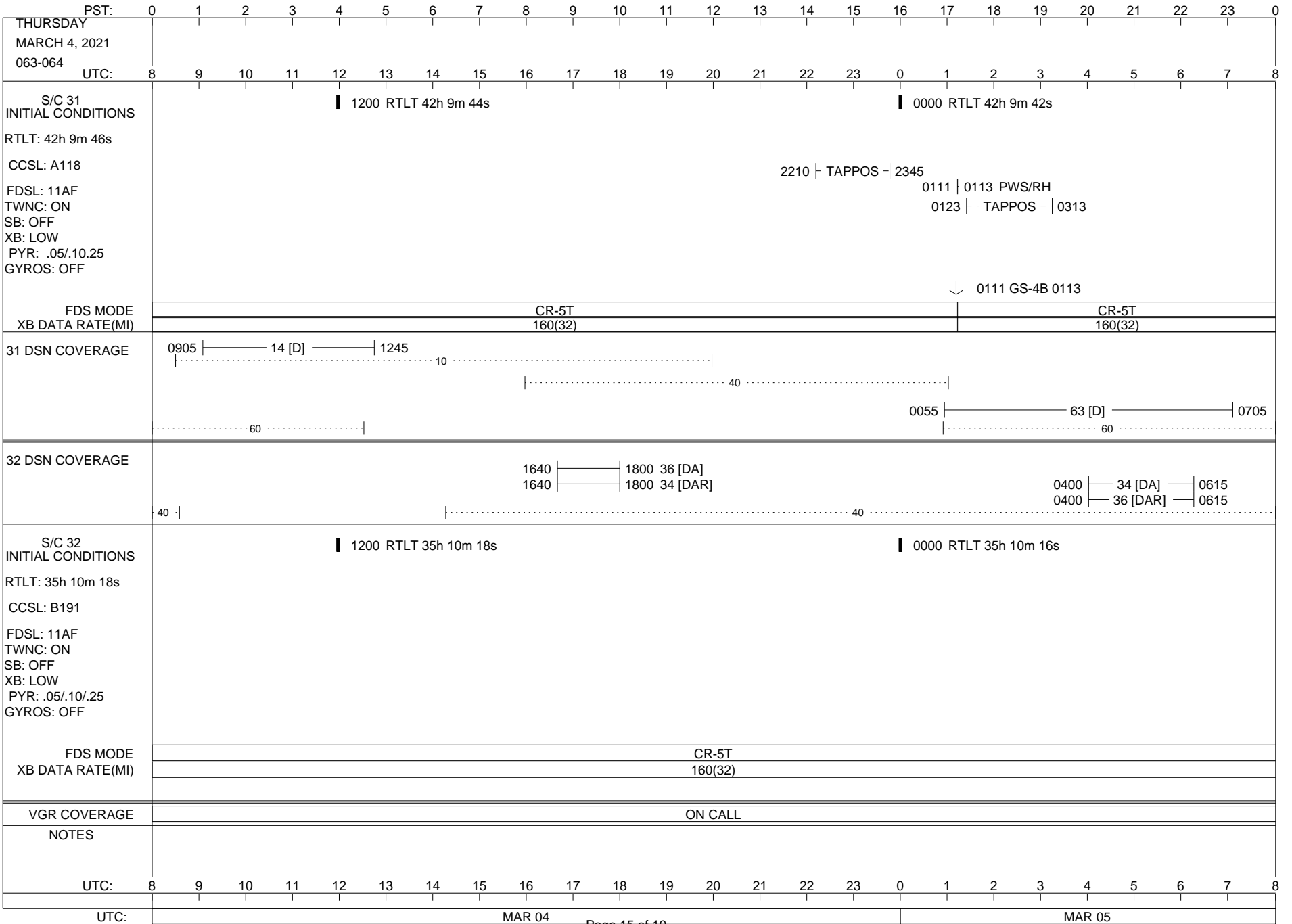
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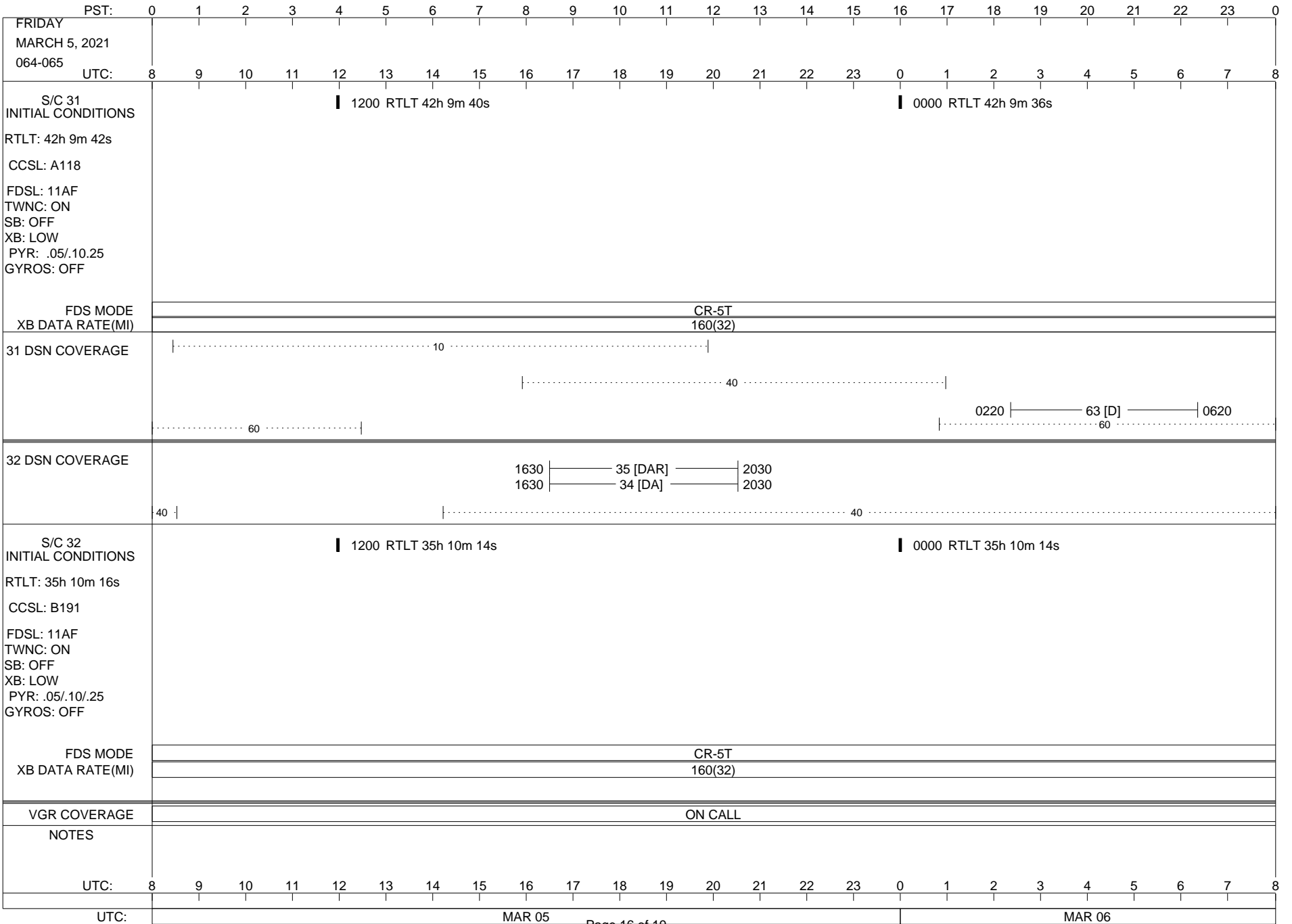
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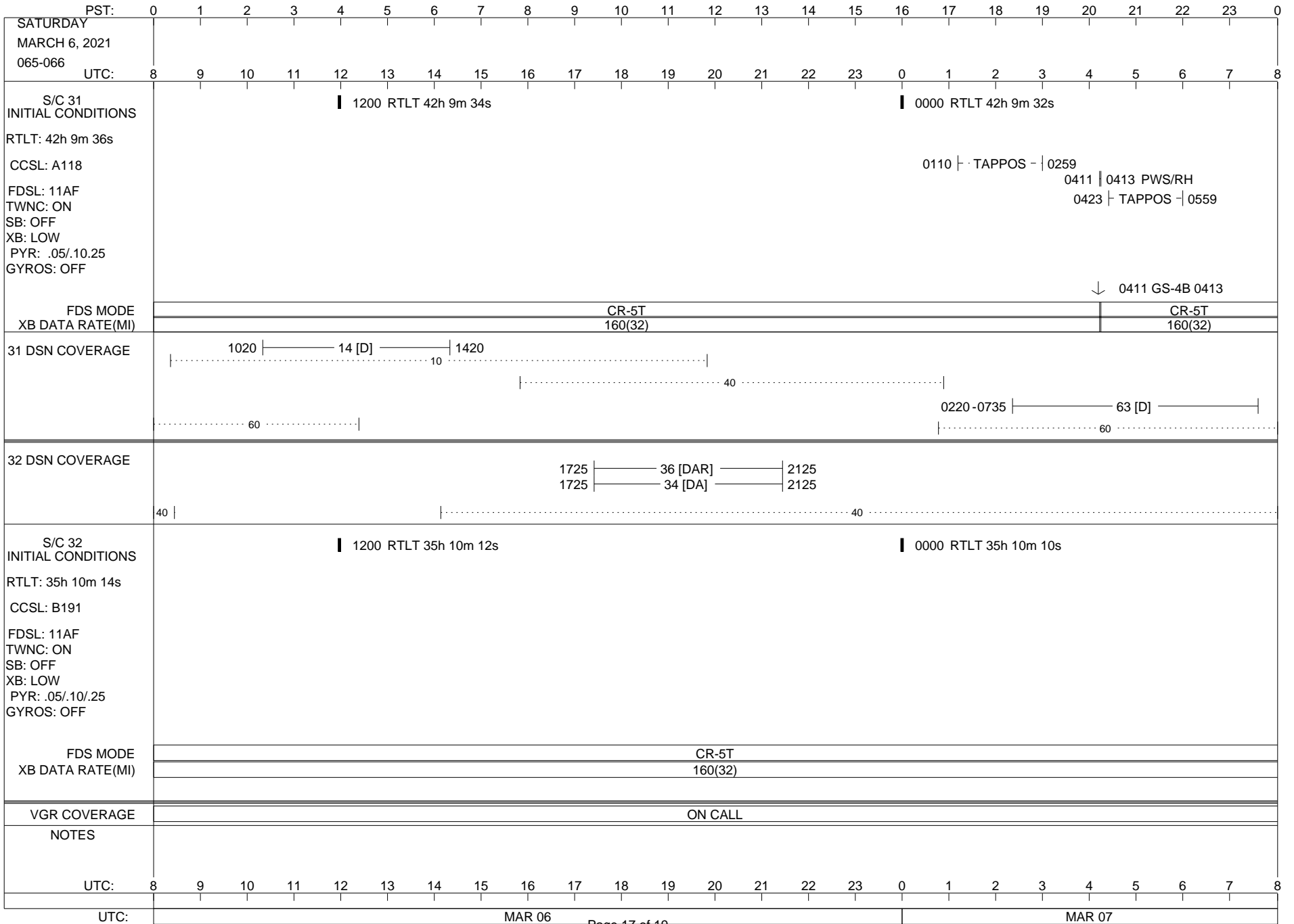
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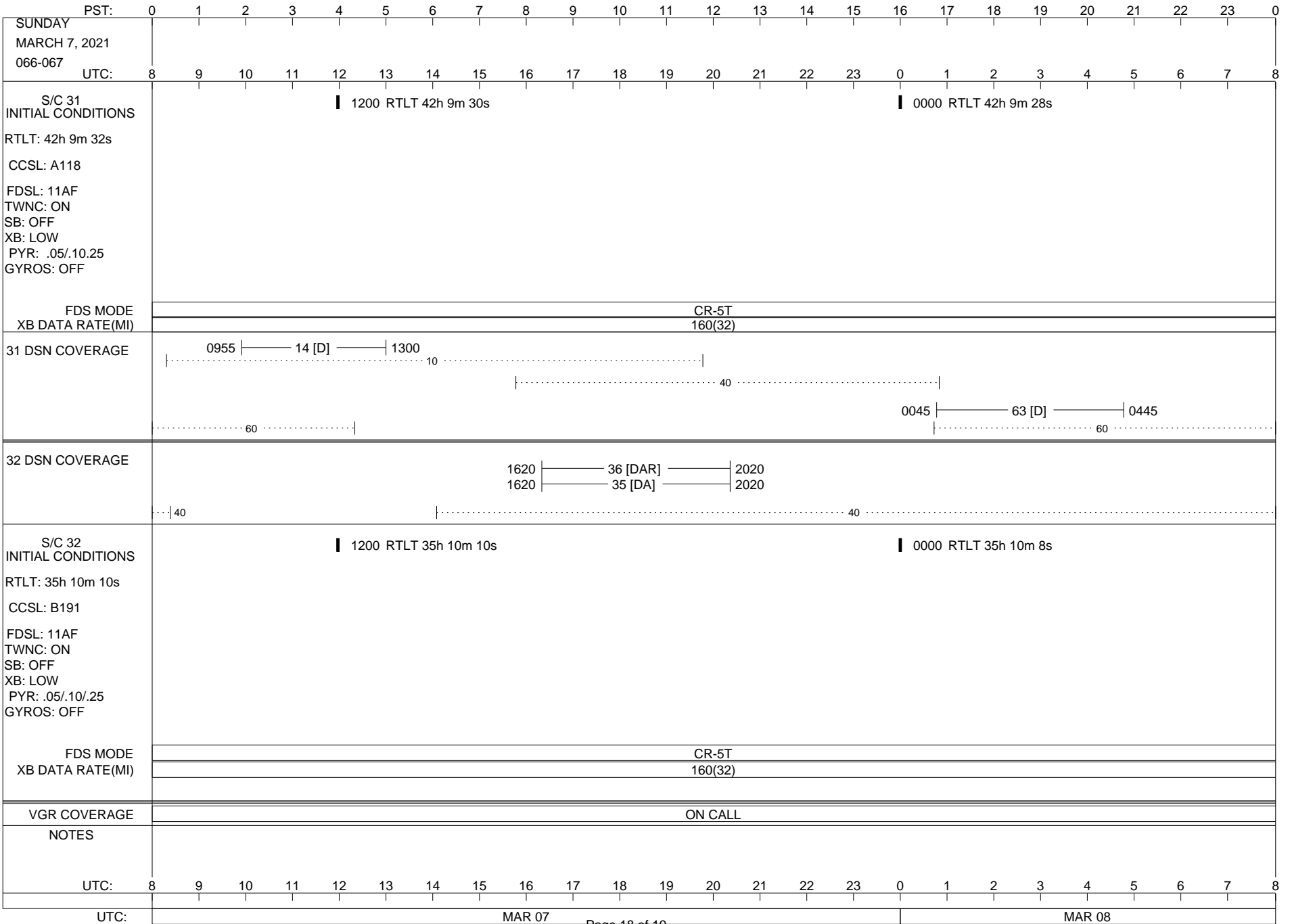
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