

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: March 18, 2020

For the Period: 03/19/20 to 04/05/20 (20/079 – 20/111)

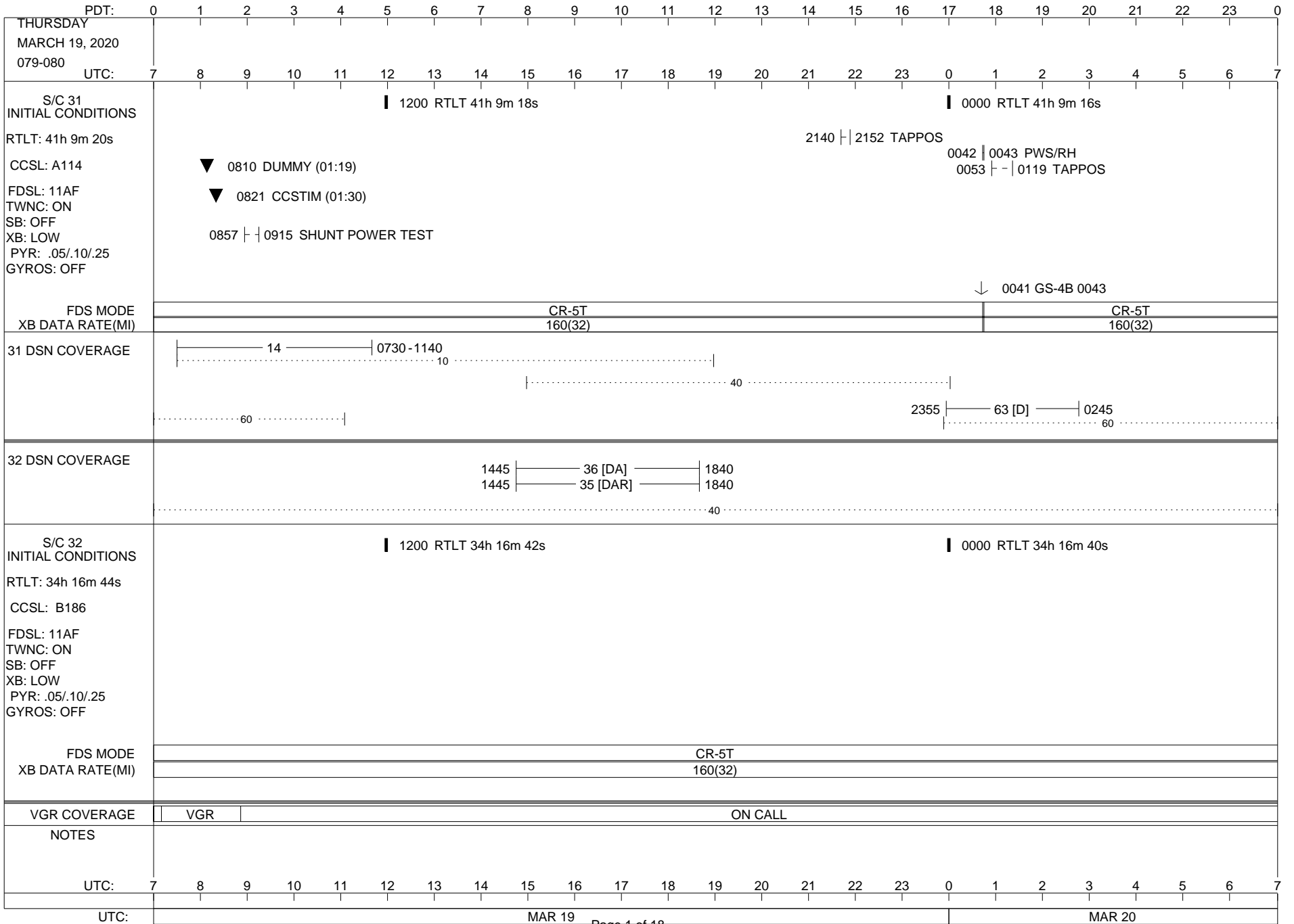


Posted at <https://voyager.jpl.nasa.gov/mission/status/>

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: 03/30/20 10:50

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

FRIDAY
MARCH 20, 2020
080-081

S/C 31
INITIAL CONDITIONS
RTLT: 41h 9m 16s
CCSL: A114
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 41h 9m 14s 0000 RTLT 41h 9m 12s

U/L 0830 | - - | - - - - - TLC (SHORT-FORM) - - - - -

*
0131 || 0138 CCSTIM FINE
0203 || 0206 COARSE

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

31 DSN COVERAGE

14 [T] | 0730-1130

60 | 40 | 2350 | 63 [D] | 0350

60 | 60

32 DSN COVERAGE

40 | 40

0140 | 35 [DAR] | 0555
0140 | 34 [DA] | 0555

S/C 32
INITIAL CONDITIONS
RTLT: 34h 16m 40s
CCSL: B186
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 34h 16m 38s 0000 RTLT 34h 16m 36s

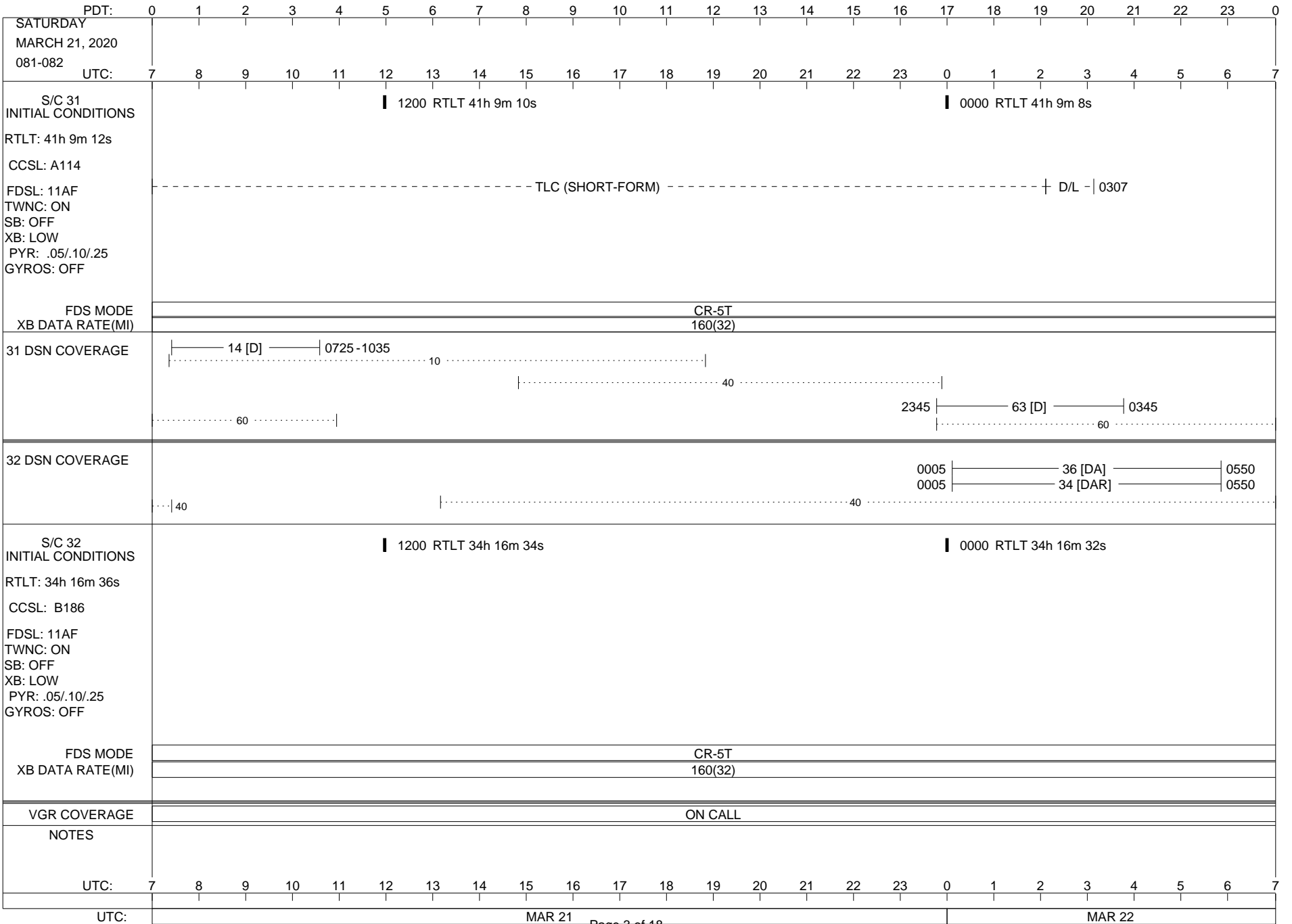
FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)

VGR COVERAGE	VGR	ON CALL
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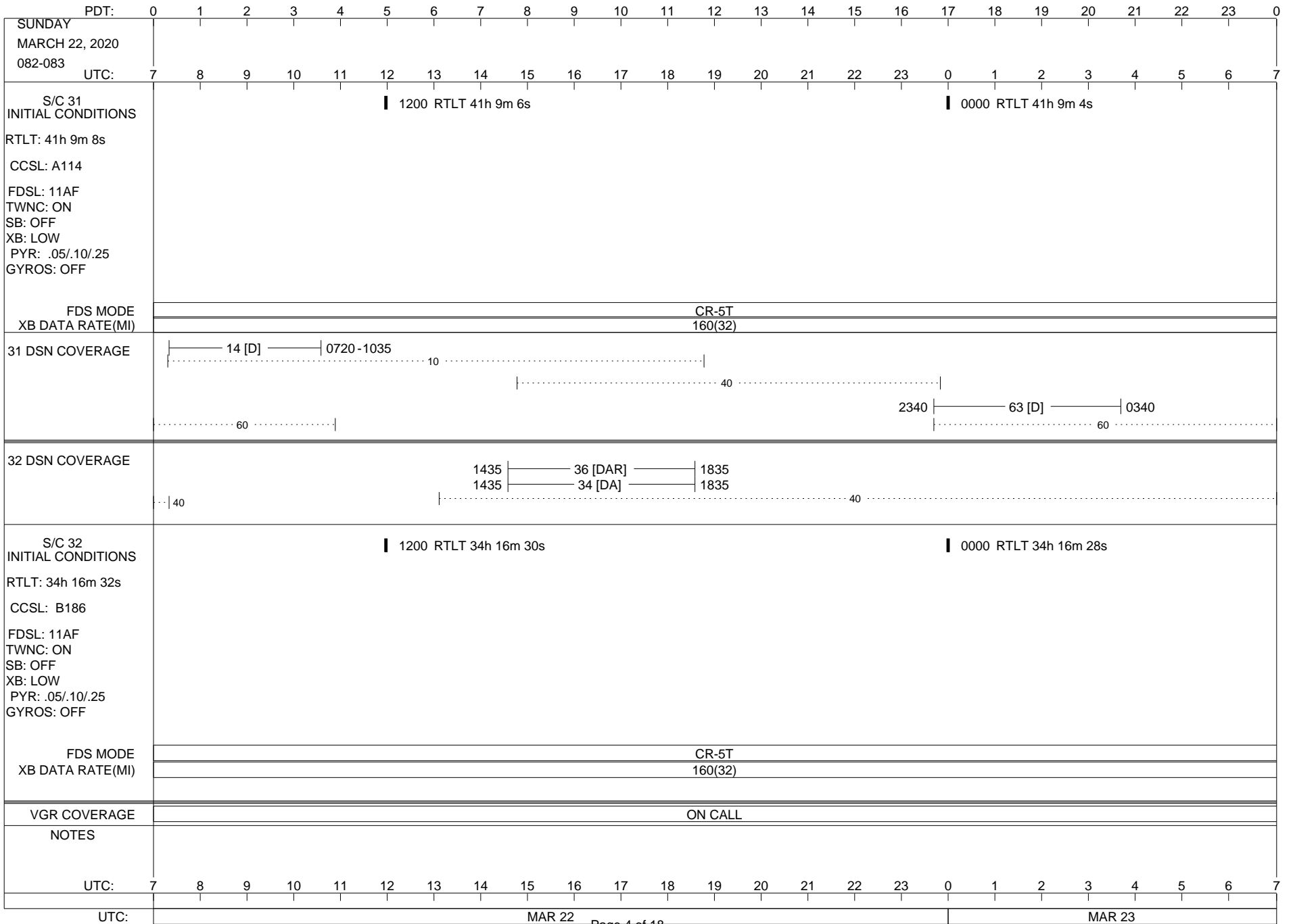
NOTES

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:	MAR 20														MAR 21										

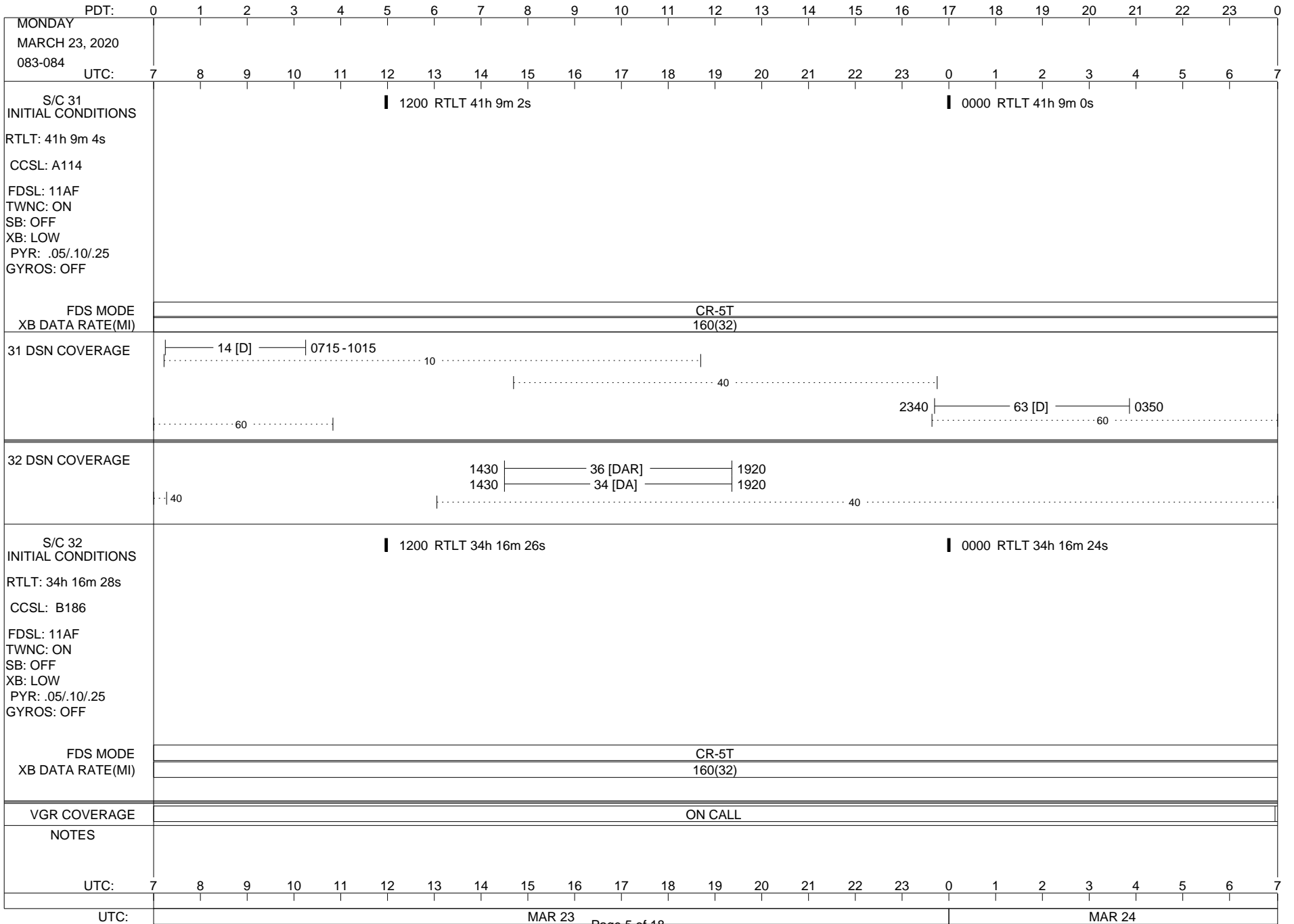
ISSUE DATE: 03/30/20 10:50



ISSUE DATE: 03/30/20 10:50



ISSUE DATE: 03/30/20 10:50



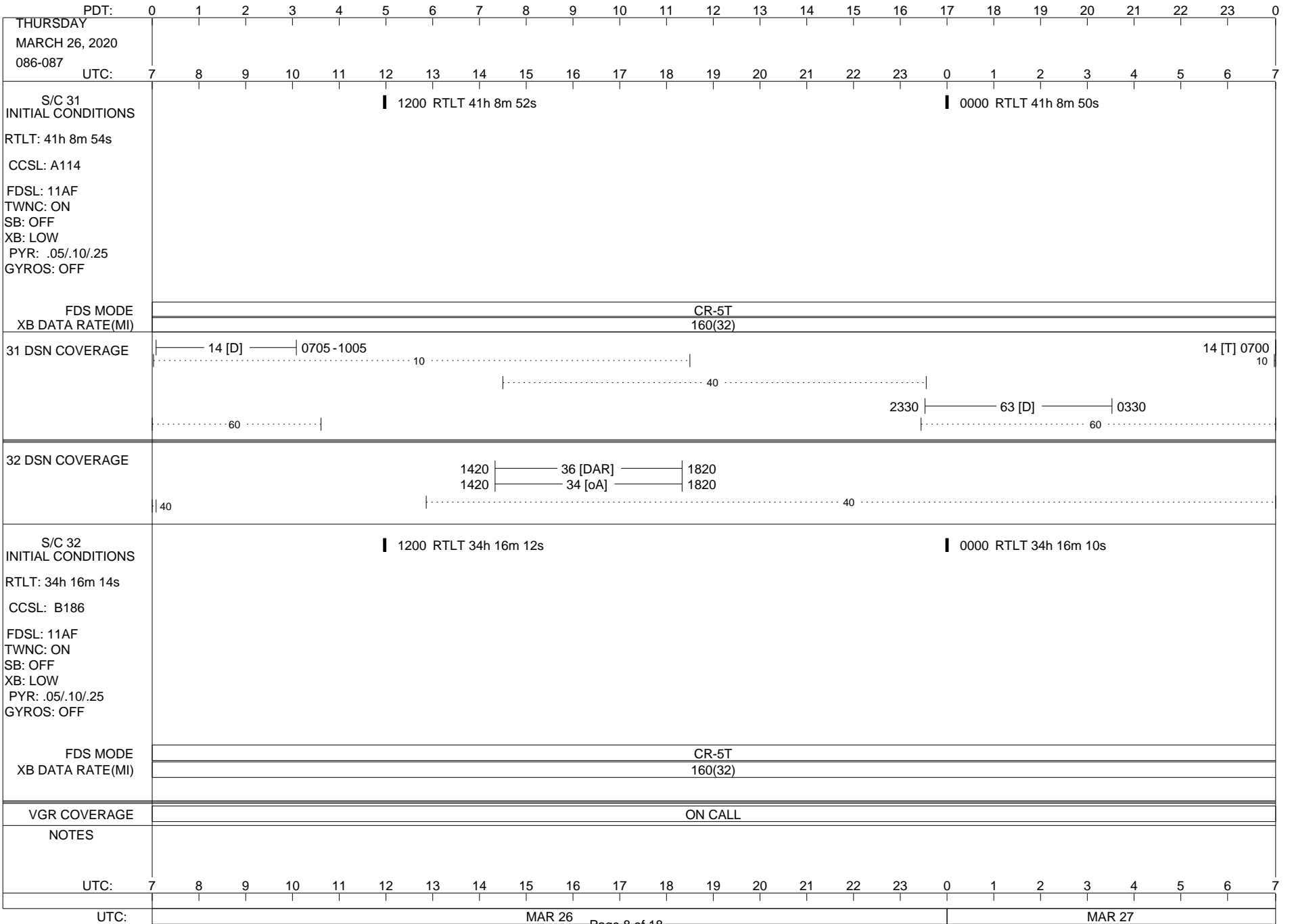
ISSUE DATE: 03/30/20 10:50

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TUESDAY																												
MARCH 24, 2020																												
084-085																												
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		1200 RTLT 41h 8m 58s													0000 RTLT 41h 8m 56s													
RTLTL: 41h 9m 0s																												
CCSL: A114		▼ 0755 EL-40 (01:04)																										
FDSL: 11AF		▼ 0811 HCLOCK DMRO (01:20)																										
TWNC: ON		▼ 0827 CCSB FULMRO (01:36)																										
SB: OFF																												
XB: LOW																												
PYR: .05/10/25																												
GYROS: OFF																												
FDS MODE															CR-5T													
XB DATA RATE(MI)															160(32)													
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS		1200 RTLT 34h 16m 22s													0000 RTLT 34h 16m 20s													
RTLTL: 34h 16m 24s																												
CCSL: B186																												
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/10/25																												
GYROS: OFF																												
FDS MODE															CR-5T													
XB DATA RATE(MI)															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:		MAR 24													MAR 25													

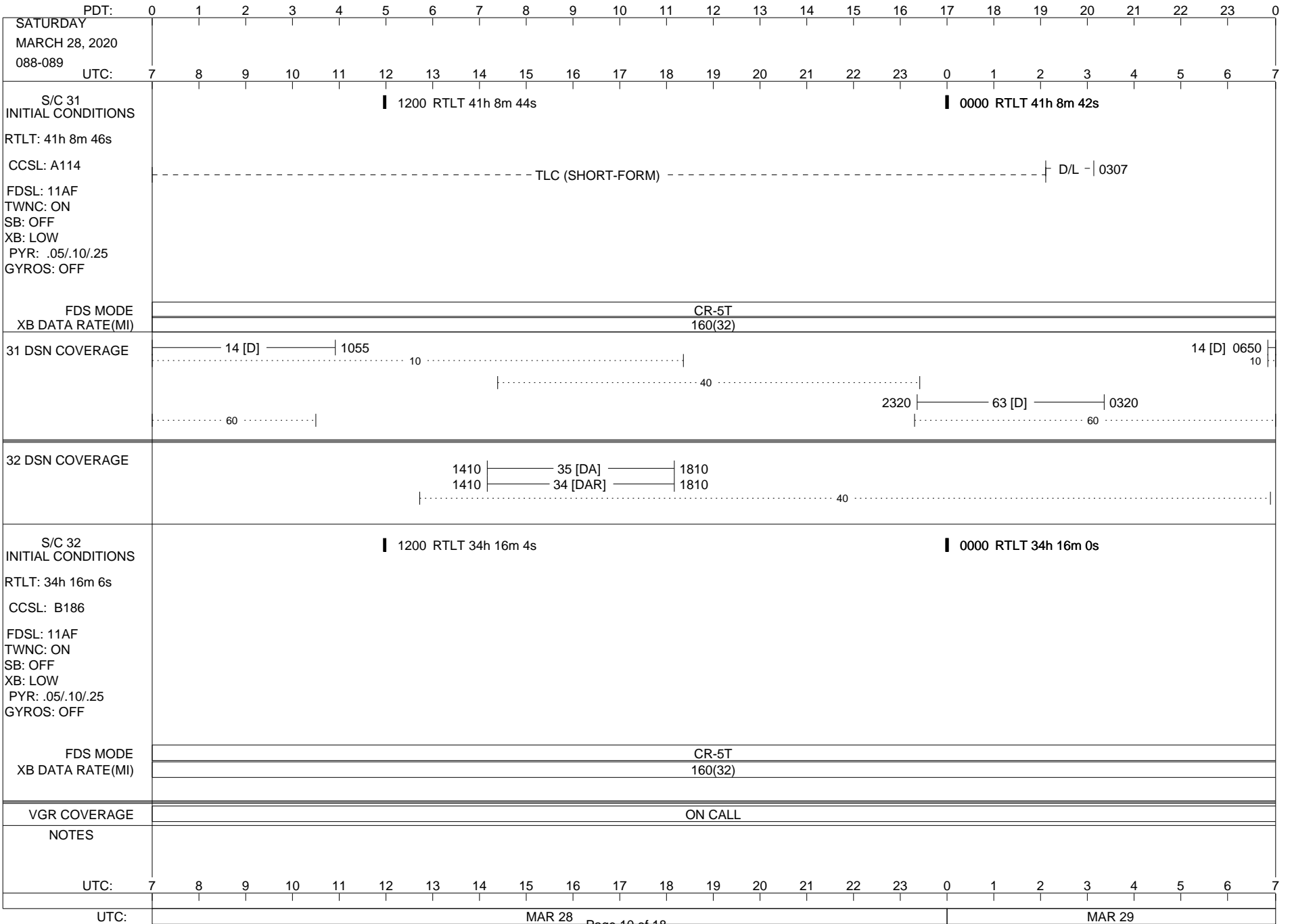
ISSUE DATE: 03/30/20 10:50

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			
WEDNESDAY MARCH 25, 2020 085-086																												
S/C 31 INITIAL CONDITIONS RTLTL: 41h 8m 56s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 41h 8m 54s														0000 RTLT 41h 8m 54s													
FDS MODE	CR-5T														EL-40				CR-5T									
XB DATA RATE(MI)	160(32)														40(30)				160(32)									
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLTL: 34h 16m 20s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 16m 18s														0000 RTLT 34h 16m 14s													
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	ON CALL														VGR				ON CALL									
NOTES	<p>[1] S/C 31=EL-40 @ 0104 XB=40(30)</p> <p>[2] S/C 31=CR-5T @ 0309 XB=160(32)</p>																											
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:	MAR 25														MAR 26													

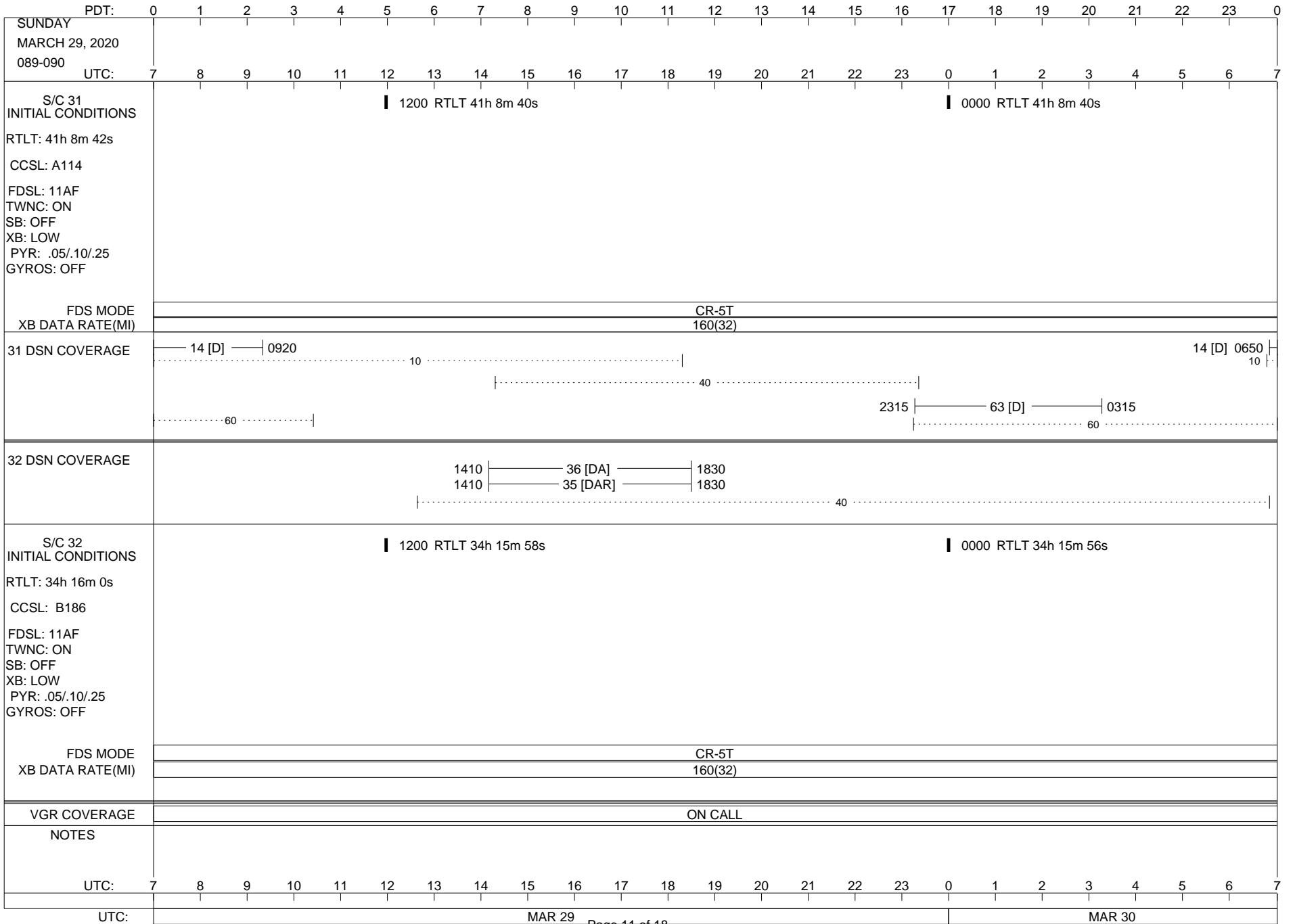
ISSUE DATE: 03/30/20 10:50

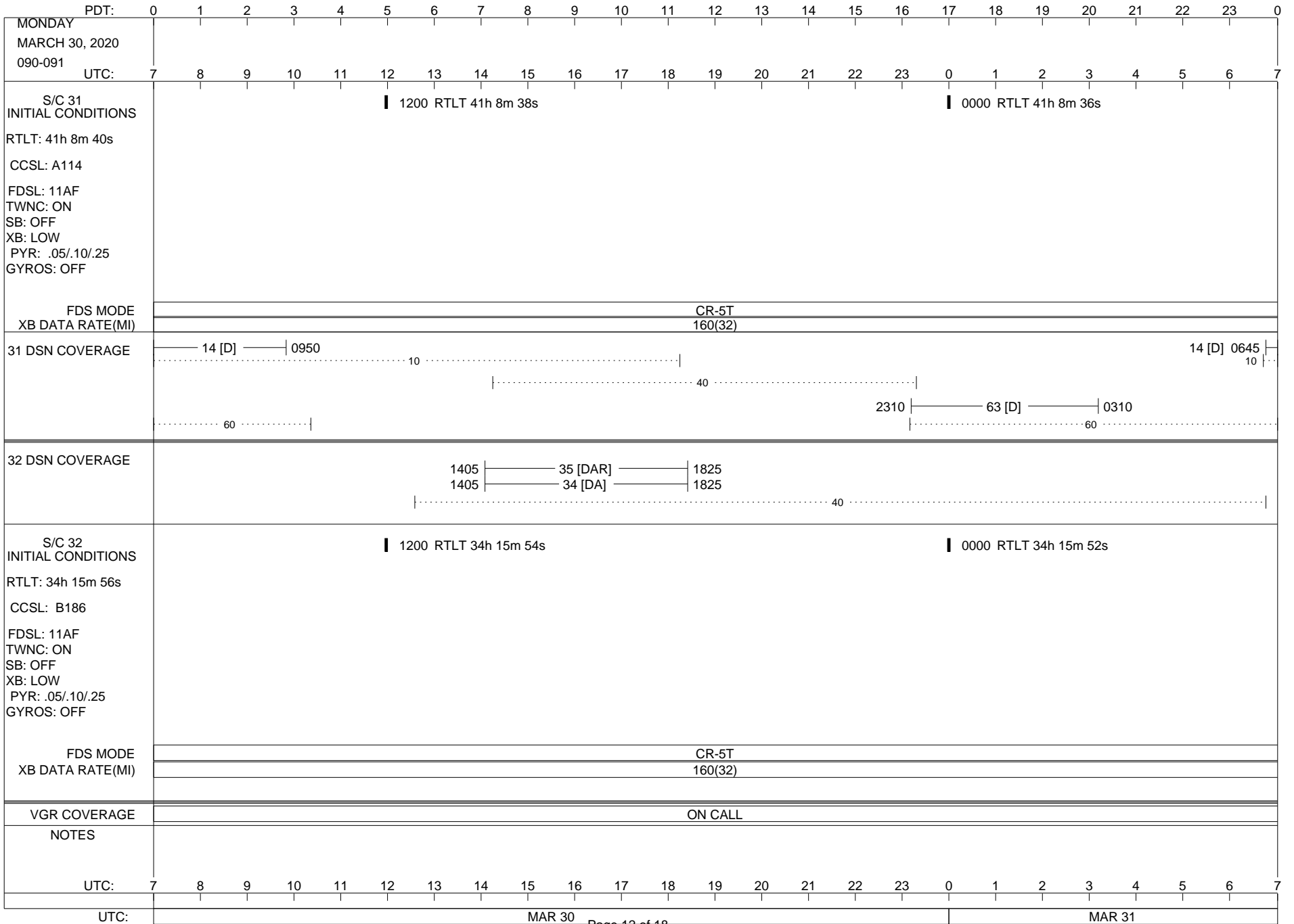


ISSUE DATE: 03/30/20 10:50

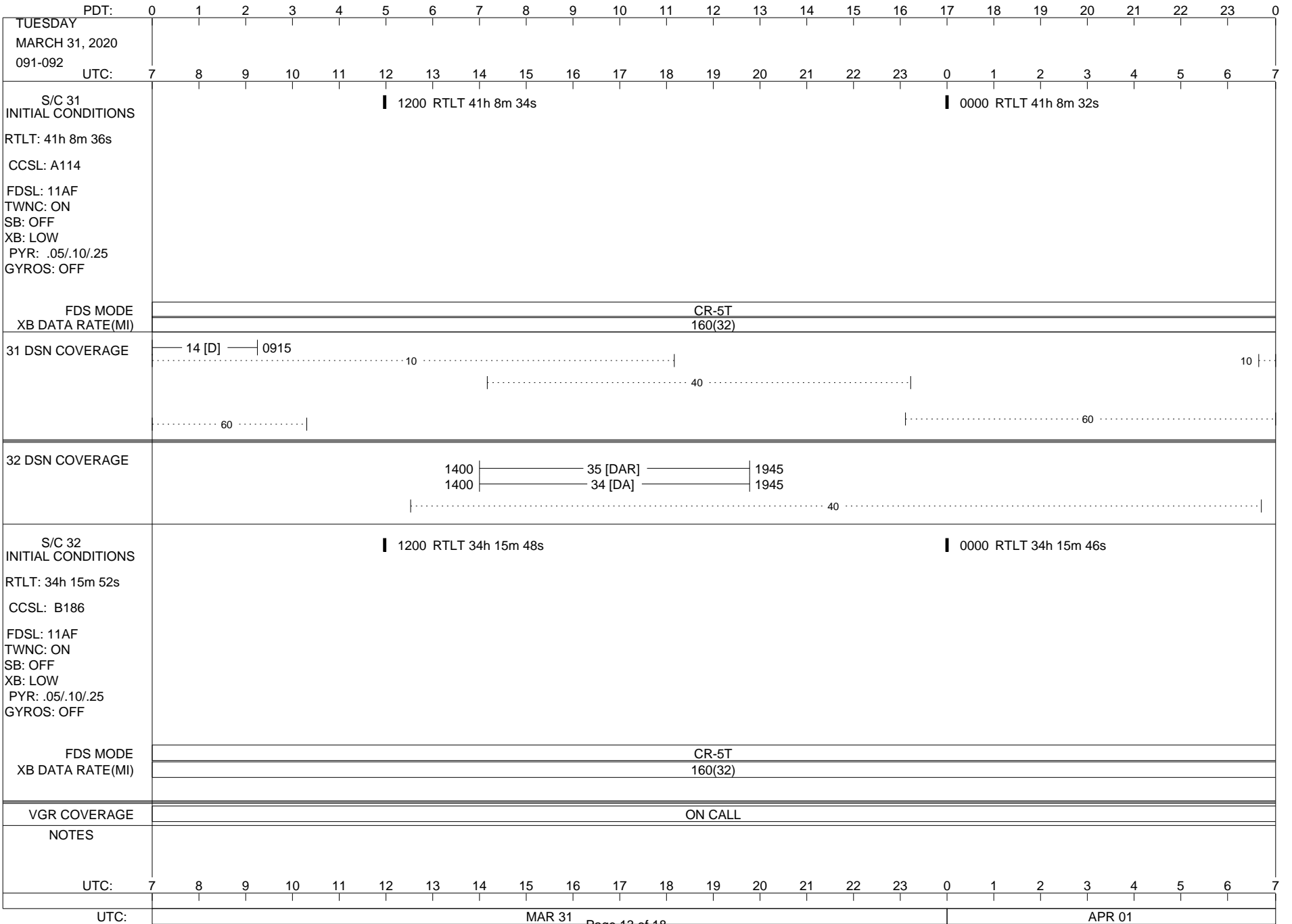


ISSUE DATE: 03/30/20 10:50





ISSUE DATE: 03/30/20 10:50



ISSUE DATE: 03/30/20 10:50

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

APRIL 1, 2020

092-093

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

1200 RTLT 41h 8m 32s

0000 RTLT 41h 8m 30s

RTLT: 41h 8m 32s

CCSL: A114

FDSL: 11AF

TWNC: ON

SB: OFF

XB: LOW

PYR: .05/.10/.25

GYROS: OFF

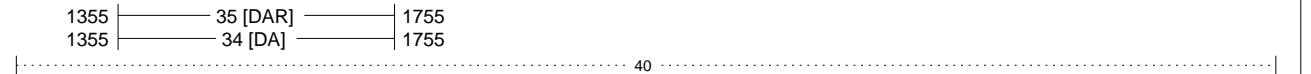
FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS

1200 RTLT 34h 15m 44s

0000 RTLT 34h 15m 42s

RTLT: 34h 15m 46s

CCSL: B186

FDSL: 11AF

TWNC: ON

SB: OFF

XB: LOW

PYR: .05/.10/.25

GYROS: OFF

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE

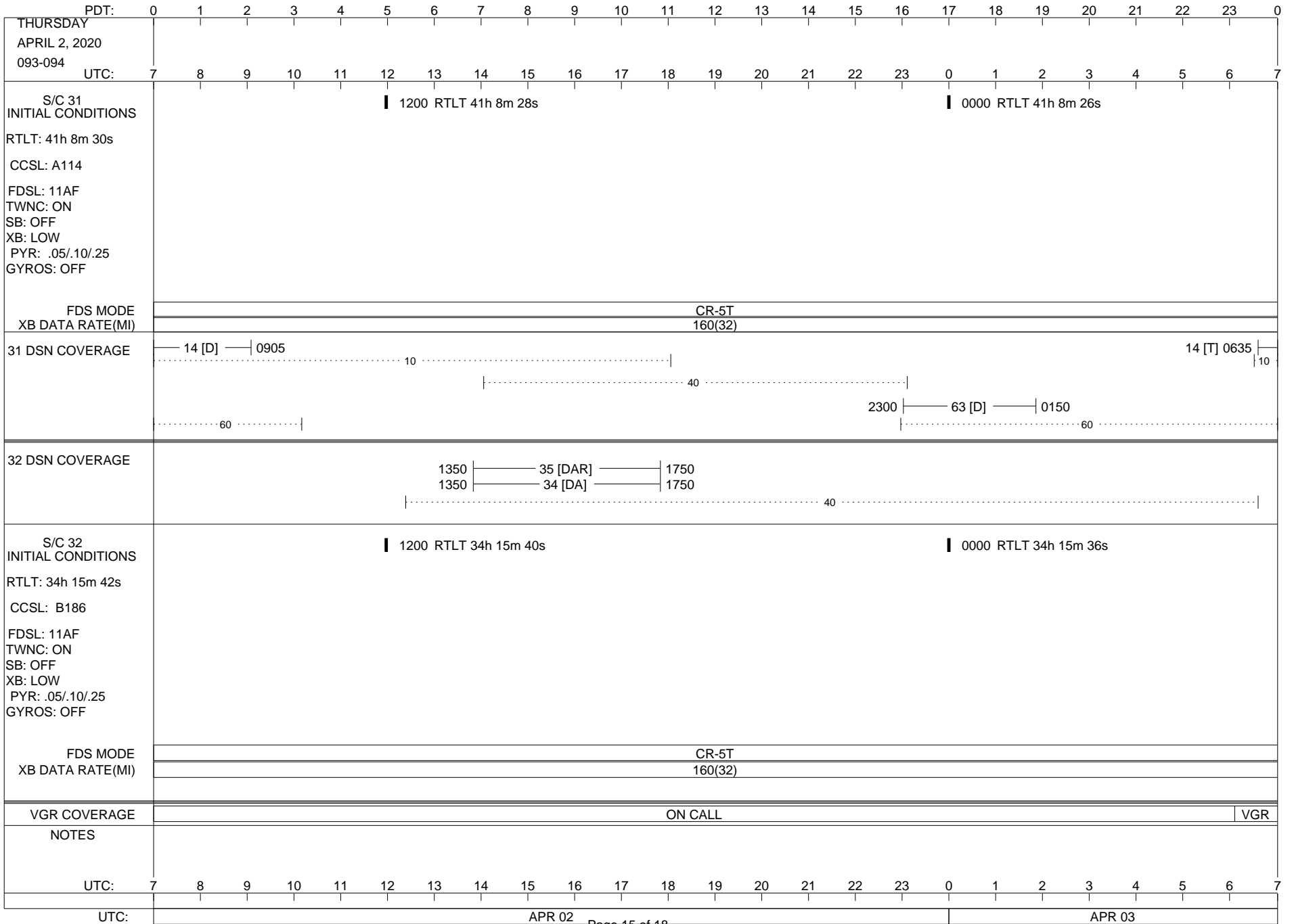
ON CALL

NOTES

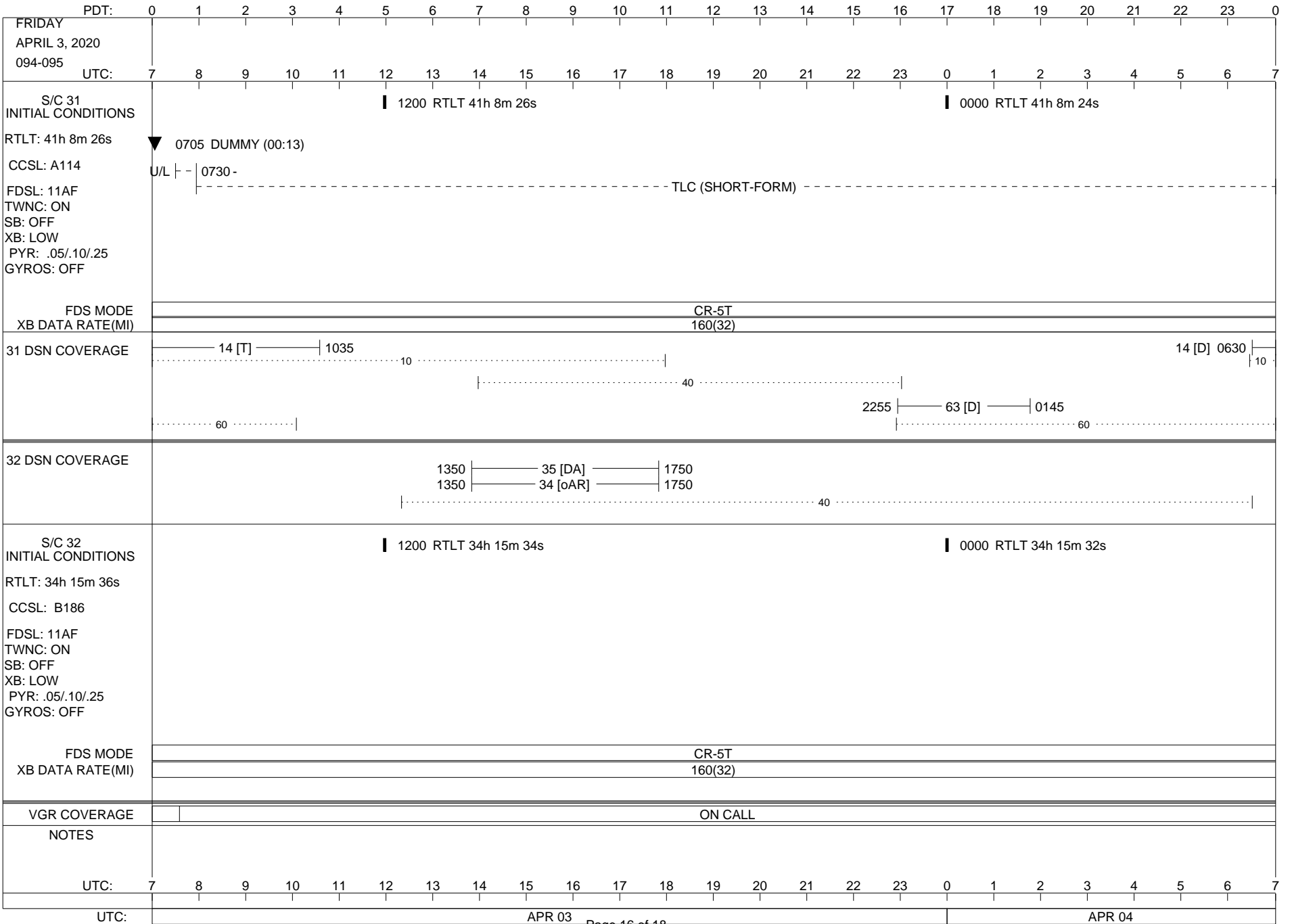
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UTC: APR 01 Page 14 of 18 APR 02

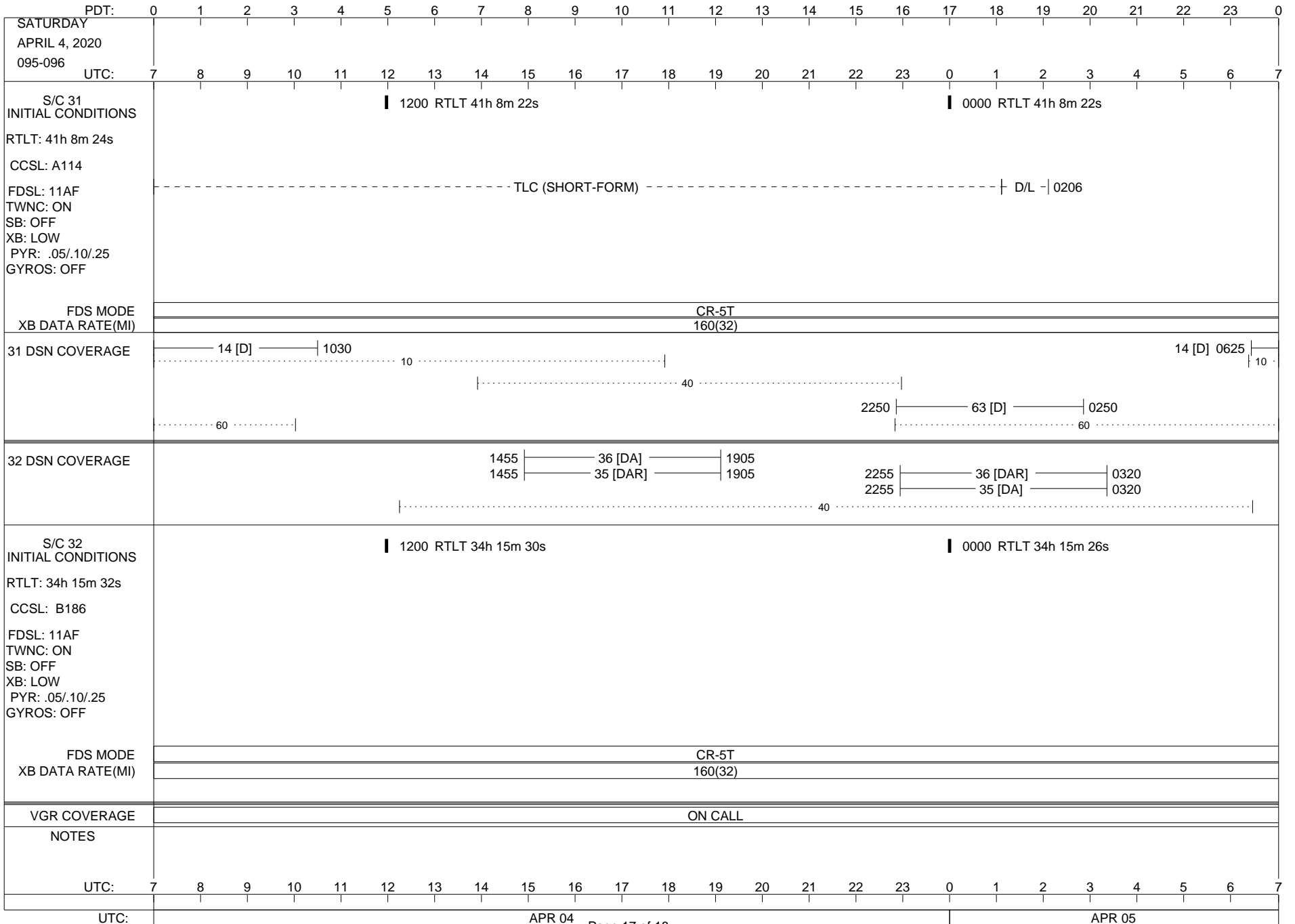
ISSUE DATE: 03/30/20 10:50



ISSUE DATE: 03/30/20 10:50



ISSUE DATE: 03/30/20 10:50



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
APRIL 5, 2020
096-097
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: 41h 8m 22s
CCSL: A114
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 41h 8m 20s

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

31 DSN COVERAGE
14 [D] 0930
10
40
60

32 DSN COVERAGE
1340 35 [DA] 1715
1340 36 [DAR] 1715

S/C 32
INITIAL CONDITIONS
RTLT: 34h 15m 26s
CCSL: B186
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 34h 15m 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: APR 05 Page 18 of 18 APR 06