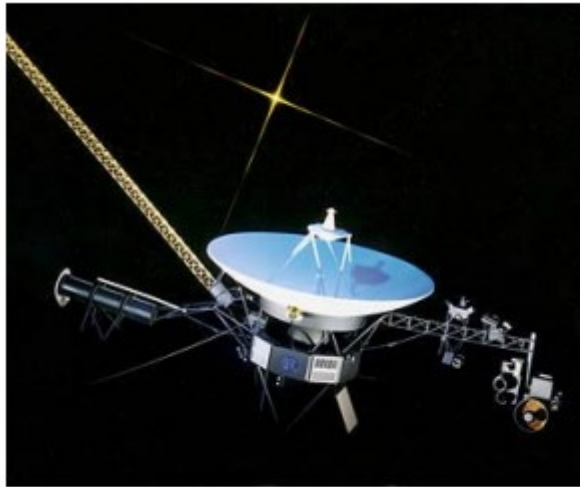


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: May 1, 2019

For the Period: 05/02/19 to 05/20/19 (19/122 – 19/140)



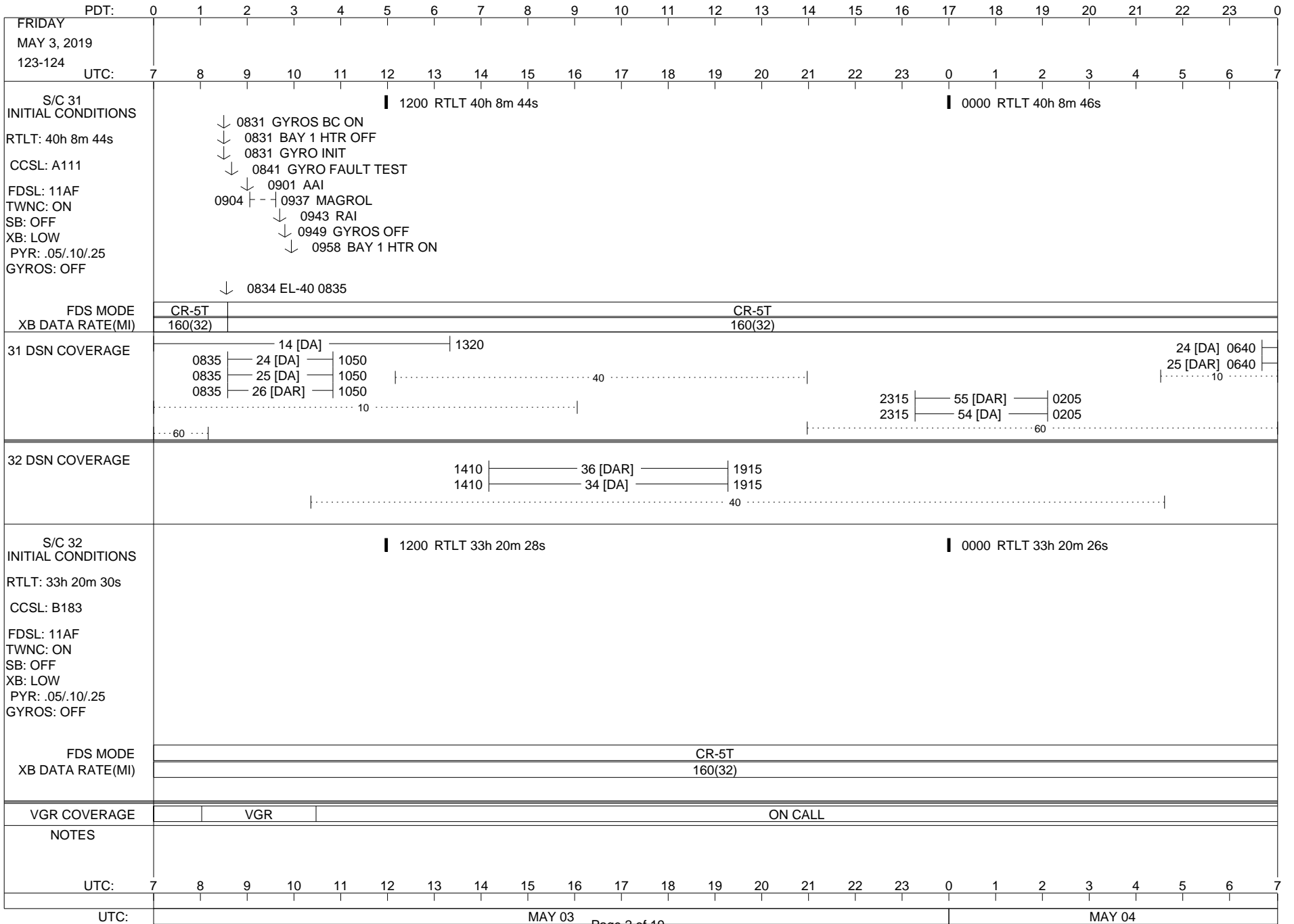
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

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

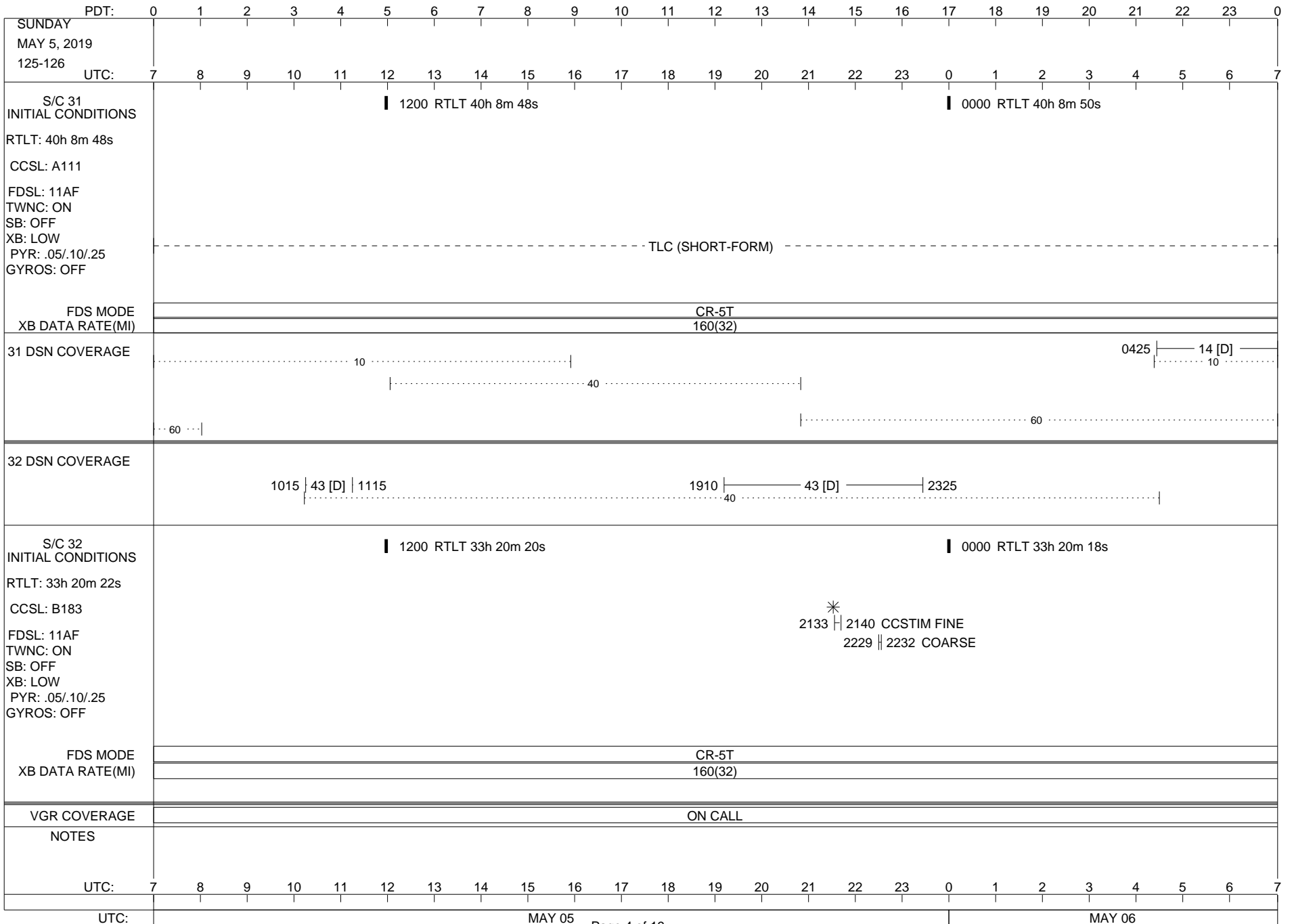
02/27/19

ISSUE DATE: 05/01/19 06:22

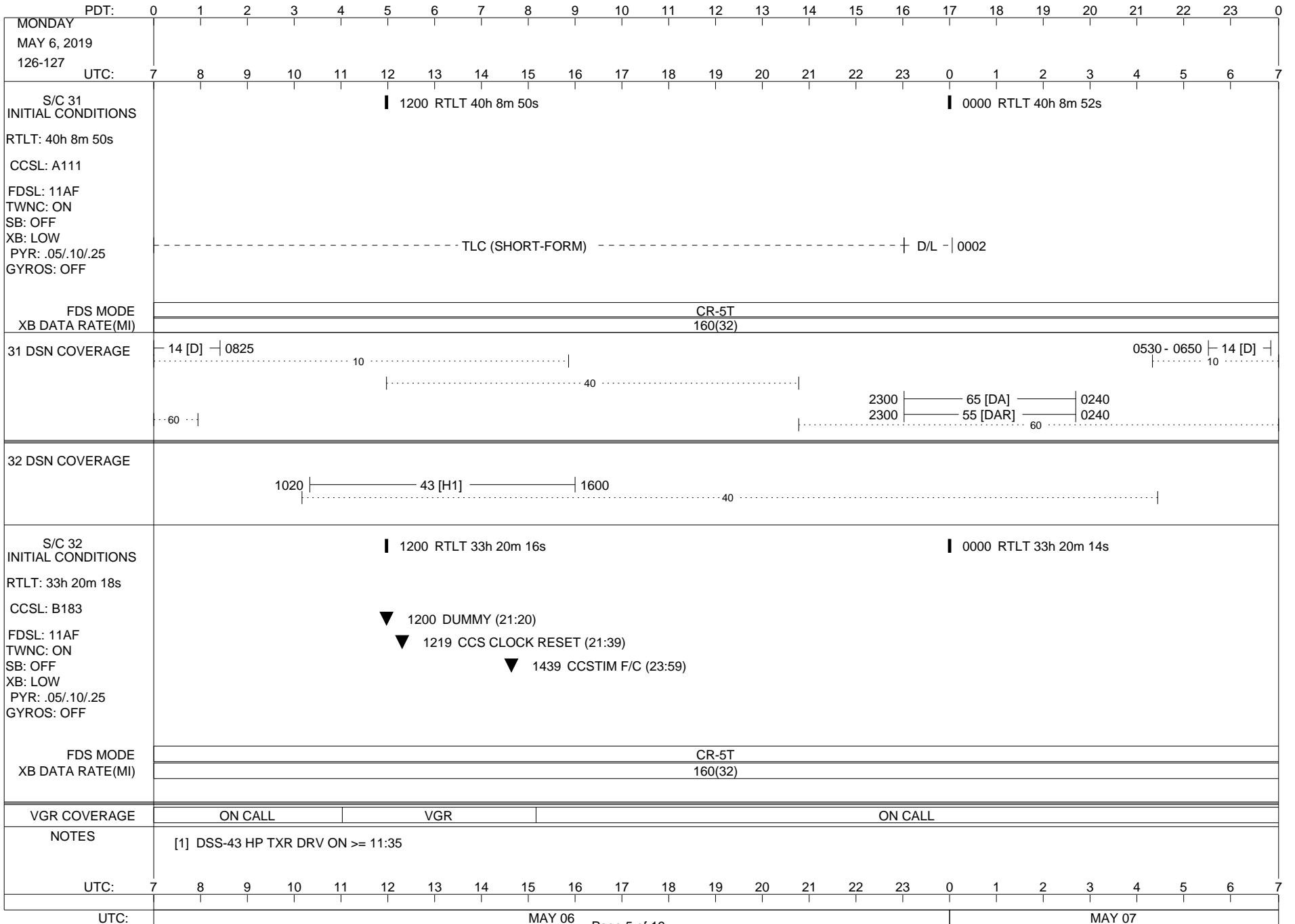


ISSUE DATE: 05/01/19 06:22

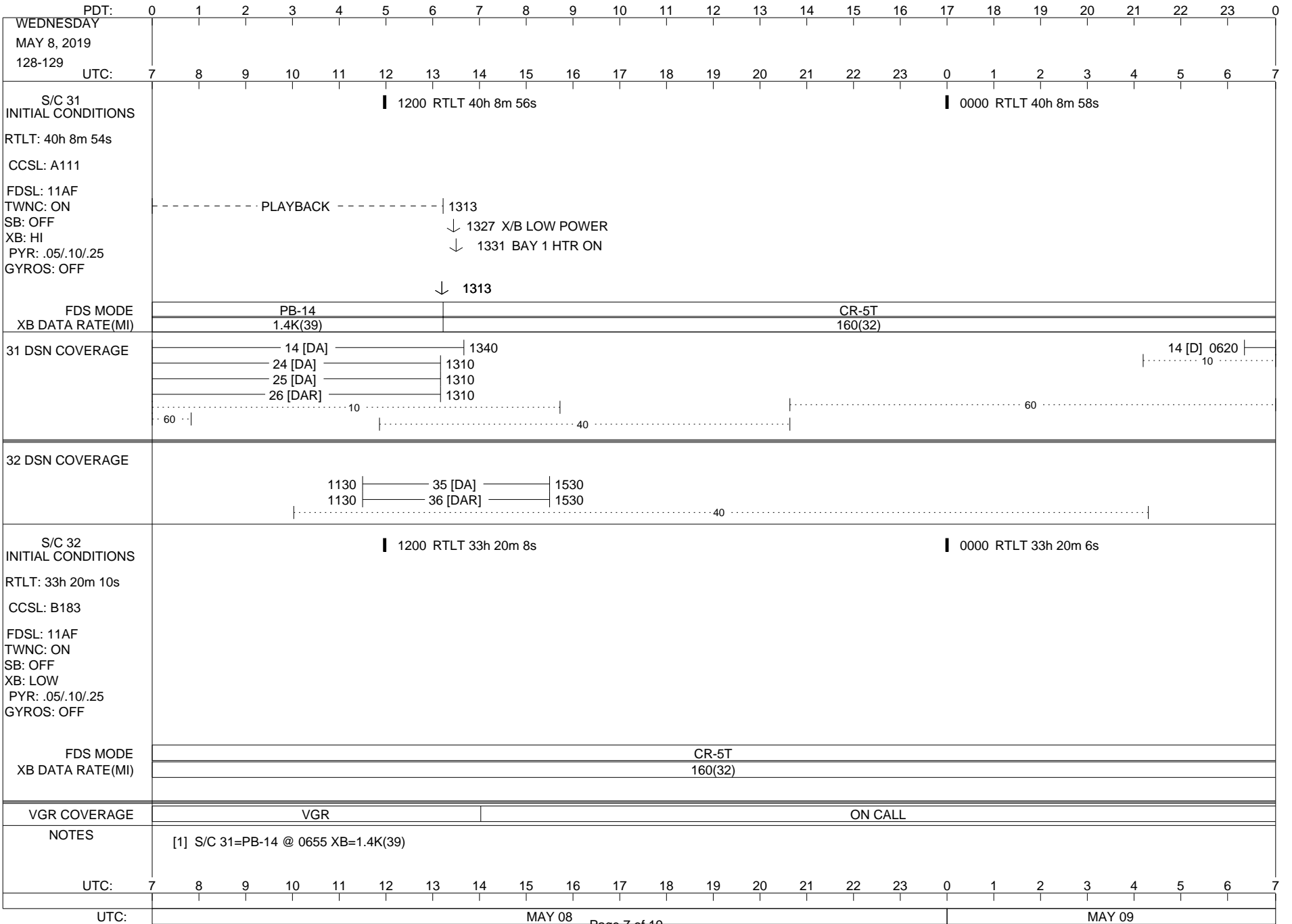
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SATURDAY MAY 4, 2019 124-125																												
S/C 31 INITIAL CONDITIONS RTLT: 40h 8m 46s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 40h 8m 46s														0000 RTLT 40h 8m 48s 2209 2222 TAPPOS 0111 0113 PWS/RH 0123 0124 TAPPOS DUMMY (22:14) 0605 ▼ U/L 0625 - TLC (SHORT-FORM)													
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 RTLT: 33h 20m 26s CCSL: B183 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 20m 24s														0000 RTLT 33h 20m 22s ▼ 1211 CCSTIM F/C (21:32)													
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
VGR COVERAGE	ON CALL							VGR							ON CALL							VGR						
NOTES	[1] S/C 31=GS-4B @ 0111 XB=2.8K(41) NOT RECOVERABLE [2] DSS-43 HP TXR DRV ON >= 11:45																											
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:	MAY 04														MAY 05													



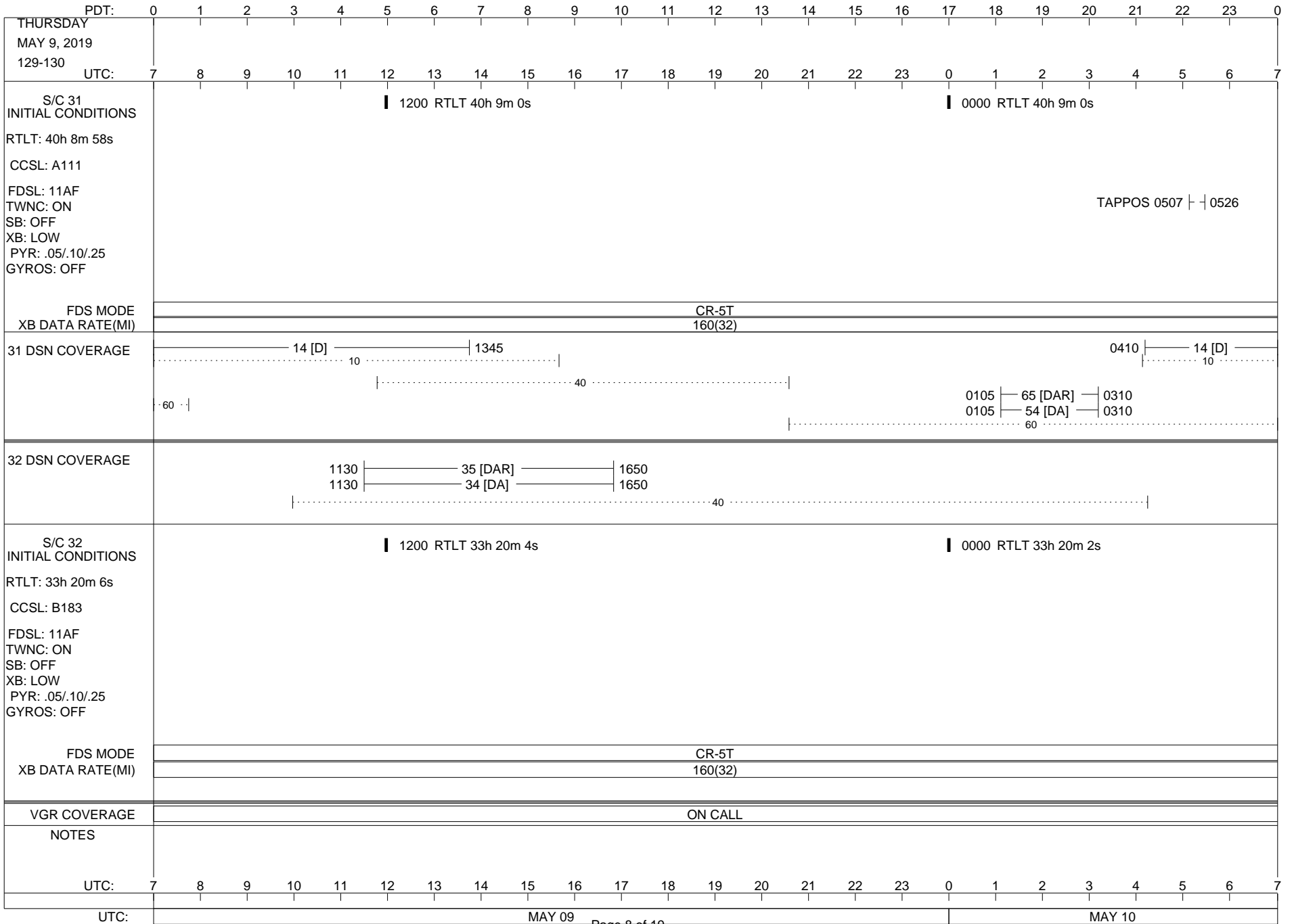
ISSUE DATE: 05/01/19 06:22



ISSUE DATE: 05/01/19 06:22

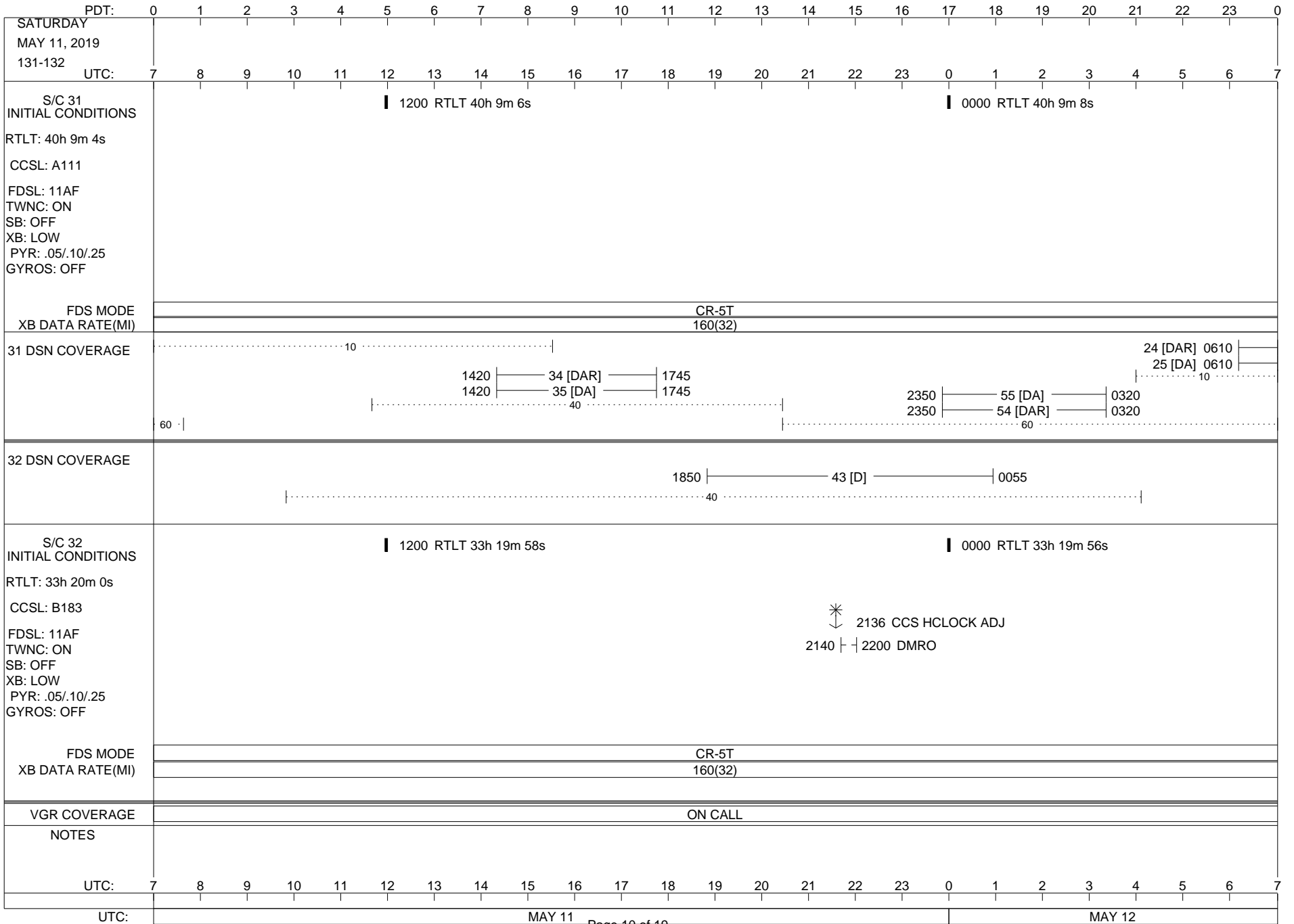


ISSUE DATE: 05/01/19 06:22

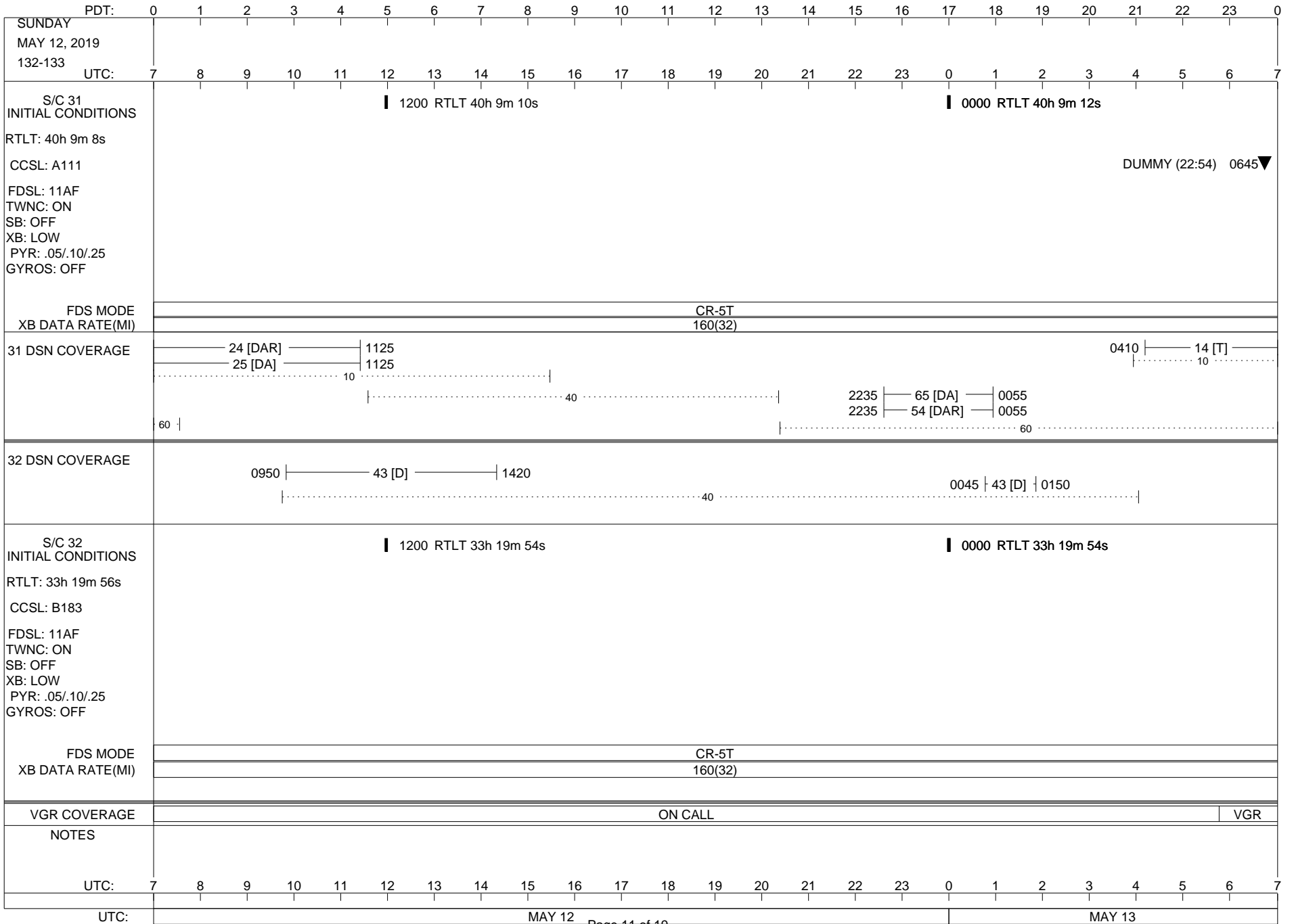


ISSUE DATE: 05/01/19 06:22

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 MAY 10, 2019 130-131	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: 40h 9m 0s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 40h 9m 2s												0000 RTLT 40h 9m 4s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	14 [D] 0830												10												
	60												40												
	2250												55 [DAR] 0250												
	2250												54 [DA] 0250												
	60												60												
32 DSN COVERAGE	1020												43 [H1] 1500												
	40												40												
S/C 32 INITIAL CONDITIONS RTLT: 33h 20m 2s CCSL: B183 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 20m 2s												0000 RTLT 33h 20m 0s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	[1] DSS-43 HP DRV ON >=11:20																								
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:	MAY 10												MAY 11												



ISSUE DATE: 05/01/19 06:22

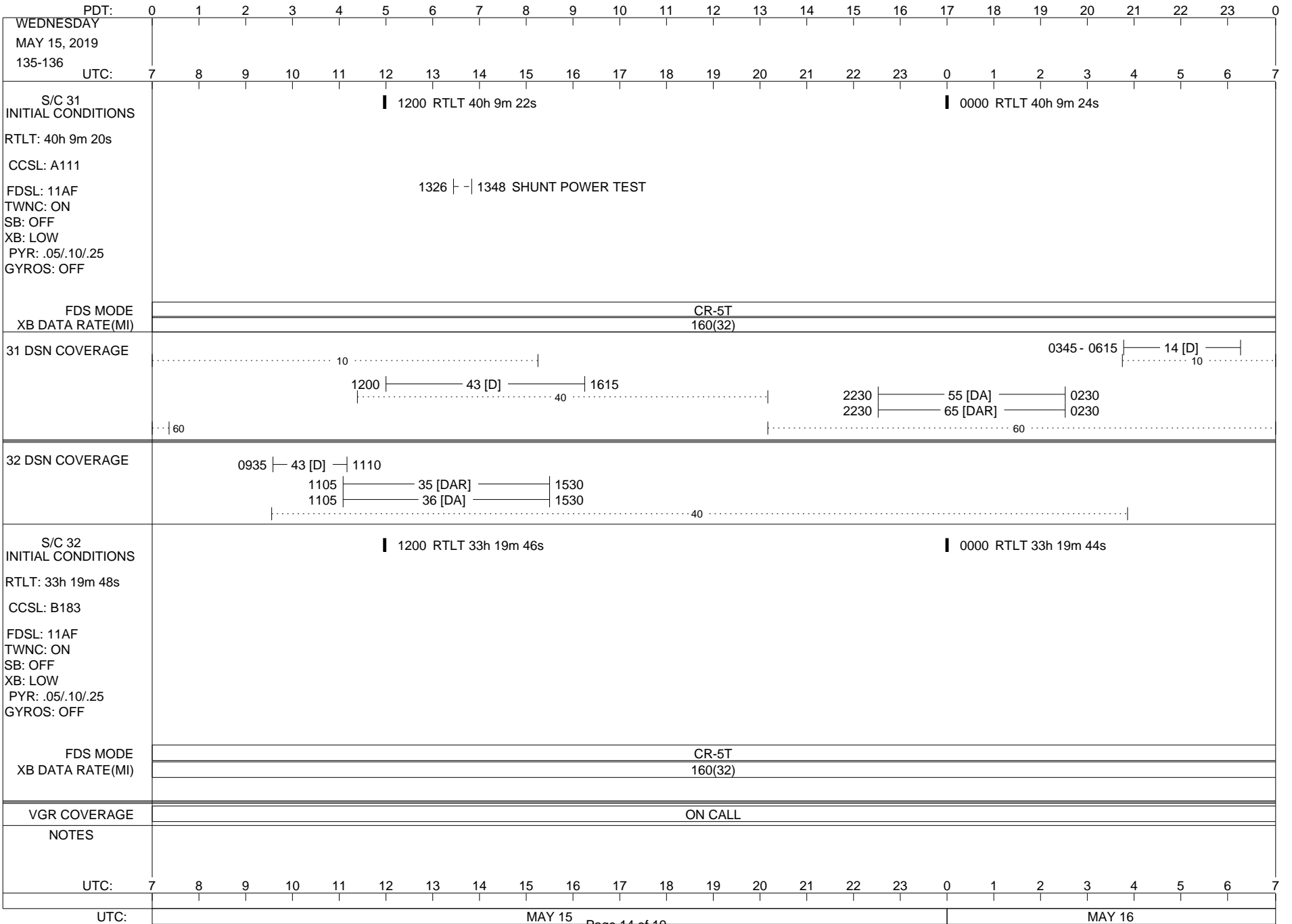


ISSUE DATE: 05/01/19 06:22

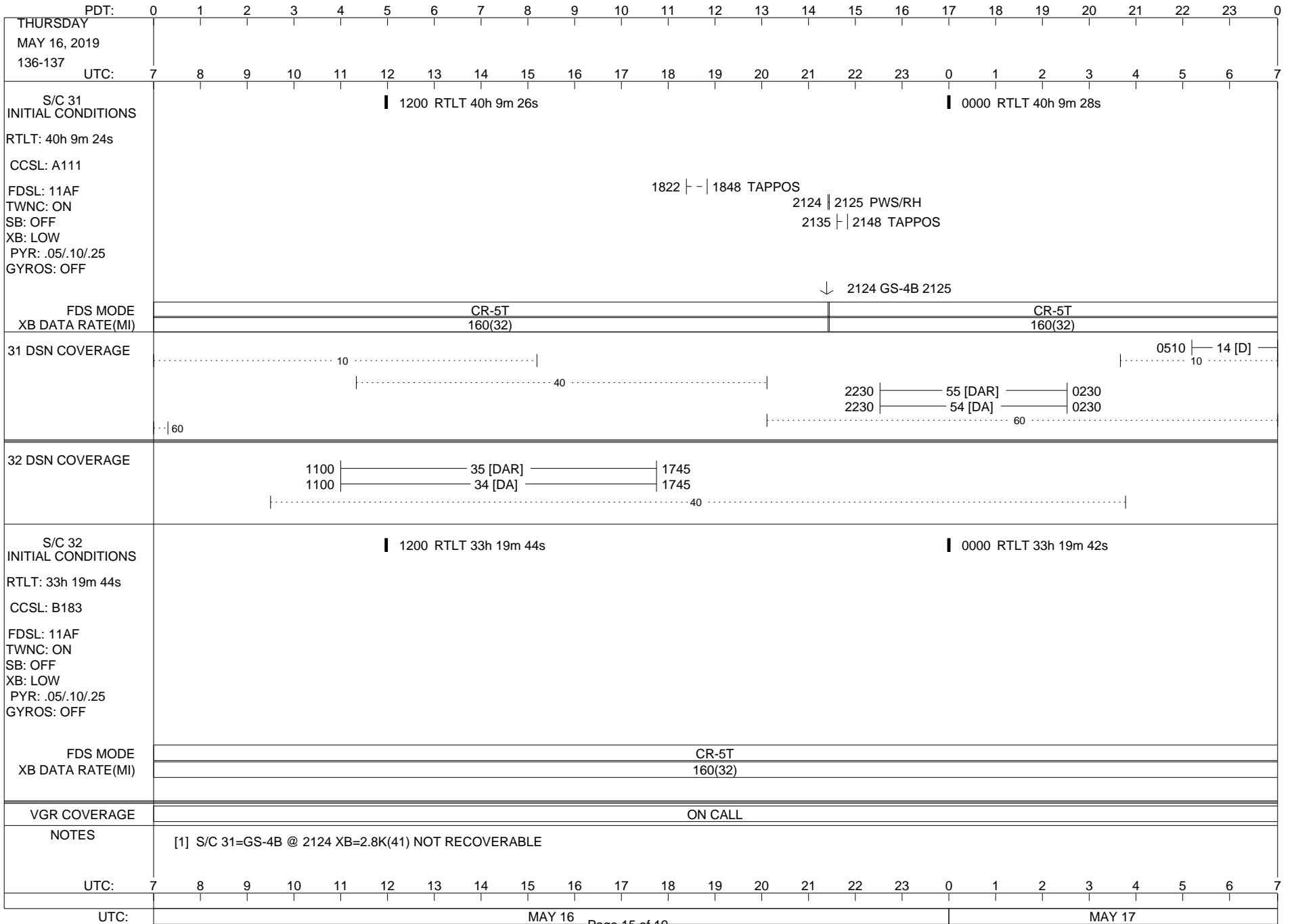
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
MONDAY MAY 13, 2019 133-134	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 40h 9m 12s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 40h 9m 14s												0000 RTLTL 40h 9m 16s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	14 [T] 0755											10												
10											40												
	60											60												
32 DSN COVERAGE	1110 43 [H1]1510											40												
S/C 32 INITIAL CONDITIONS RTLTL: 33h 19m 54s CCSL: B183 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 33h 19m 52s												0000 RTLTL 33h 19m 50s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	VGR				VGR				ON CALL																
NOTES	[1] DSS-43 HP TXR DRV ON >= 11:07																								
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:	MAY 13												MAY 14												

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 MAY 14, 2019 134-135	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: 40h 9m 16s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 40h 9m 18s												0000 RTLTL 40h 9m 20s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
31 DSN COVERAGE	1130 43 [D] 1530												2240 65 [DAR] 0240 2240 55 [DA] 0240															
32 DSN COVERAGE	0940 43 [D] 1040												2055 43 [D] 0055															
S/C 32 INITIAL CONDITIONS RTLTL: 33h 19m 50s CCSL: B183 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 33h 19m 48s												0000 RTLTL 33h 19m 48s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												EL-40 40(30)				0028 CR-5T				CR-5T 160(32)							
VGR COVERAGE	ON CALL				VGR				ON CALL				VGR				ON CALL											
NOTES	[1] S/C 31=GS-4B @ 1510 XB=2.8K(41) NOT RECOVERABLE																											
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:	MAY 14														MAY 15													

ISSUE DATE: 05/01/19 06:22



ISSUE DATE: 05/01/19 06:22



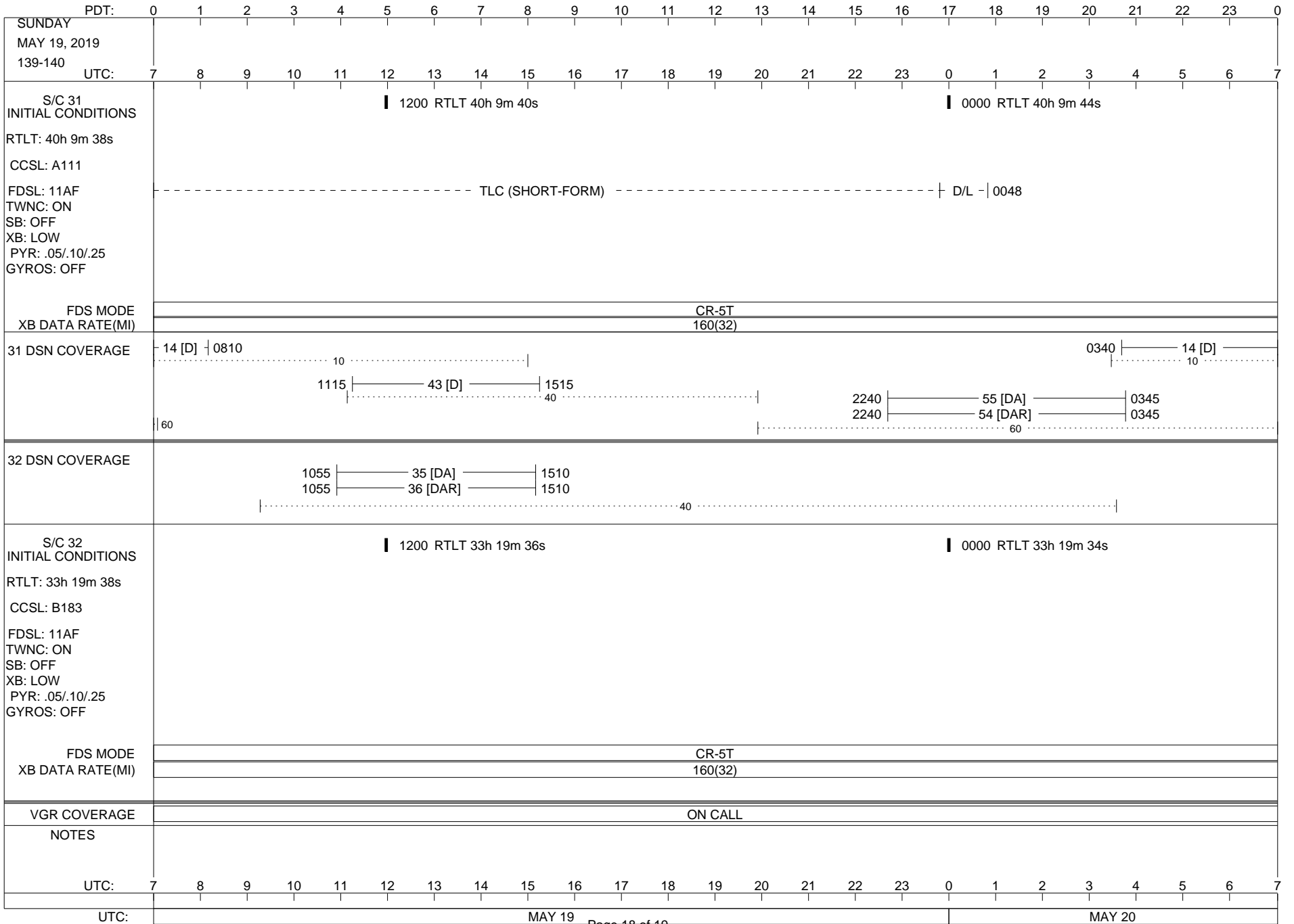
ISSUE DATE: 05/01/19 06:22

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 MAY 17, 2019 137-138																									
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: 40h 9m 28s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 40h 9m 30s												0000 RTLT 40h 9m 34s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	14 [D] 0910												0555 14 [T]												
	60												10												
	40												60												
	2230 65 [DA] 0230												2230 55 [DAR] 0230												
32 DSN COVERAGE	0930 43 [Bo] 1430																								
	40																								
S/C 32 INITIAL CONDITIONS RTLT: 33h 19m 42s CCSL: B183 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 19m 40s												0000 RTLT 33h 19m 40s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL						VGR						ON CALL						VGR						
NOTES	▼ 1122 DUMMY (5 MIN BRACKETED 20:42)																								
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:	MAY 17												MAY 18												

ISSUE DATE: 05/01/19 06:22

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 MAY 18, 2019 138-139	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: 40h 9m 34s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 40h 9m 36s												0000 RTLT 40h 9m 38s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)													
31 DSN COVERAGE	0740 14 [T]												14 [D] 0610 													
	60												0055 65 [DAR] 0250 0055 55 [DA] 0250 60													
32 DSN COVERAGE	0925 ----- 43 [D] ----- 1350												1955 ----- 43 [D] ----- 0055													
S/C 32 INITIAL CONDITIONS RTLTL: 33h 19m 40s CCSL: B183 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 19m 38s												0000 RTLT 33h 19m 38s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																									
VGR COVERAGE													ON CALL													
NOTES	[1] S/C 31=GS-4B @ 0023 XB=2.8K(41) NOT RECOVERABLE																									
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:	MAY 18													MAY 19												

ISSUE DATE: 05/01/19 06:22



ISSUE DATE: 05/01/19 06:22

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 MAY 20, 2019 140-141																											
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: 40h 9m 44s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 40h 9m 46s</p> </div>																										
FDS MODE XB DATA RATE(MI)														<div style="text-align: center;"> <p>CR-5T 160(32)</p> </div>													
31 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> <div style="width: 15%;">14 [D]</div> <div style="width: 15%;">0825</div> <div style="width: 60%; border-top: 1px dotted black; position: relative;"> <div style="position: absolute; left: 25%; top: -10px;">10</div> <div style="position: absolute; left: 40%; top: -10px;">40</div> </div> </div>																										
	60																										
32 DSN COVERAGE	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">0930</div> <div style="width: 20%; border-top: 1px solid black; position: relative;"> <div style="position: absolute; left: 50%; top: -10px;">43</div> </div> <div style="text-align: center;">1330</div> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 33h 19m 34s CCSL: B183 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 33h 19m 34s</p> </div>																										
FDS MODE XB DATA RATE(MI)														<div style="text-align: center;"> <p>CR-5T 160(32)</p> </div>													
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:	MAY 20													MAY 21													