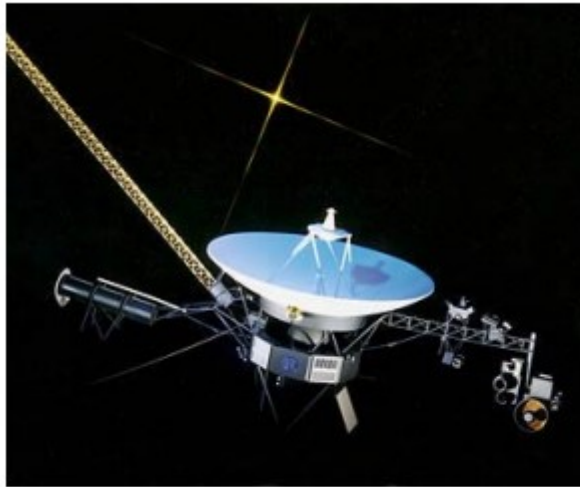


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: May 15, 2019

For the Period: 05/16/19 to 06/03/19 (19/136 – 19/154)



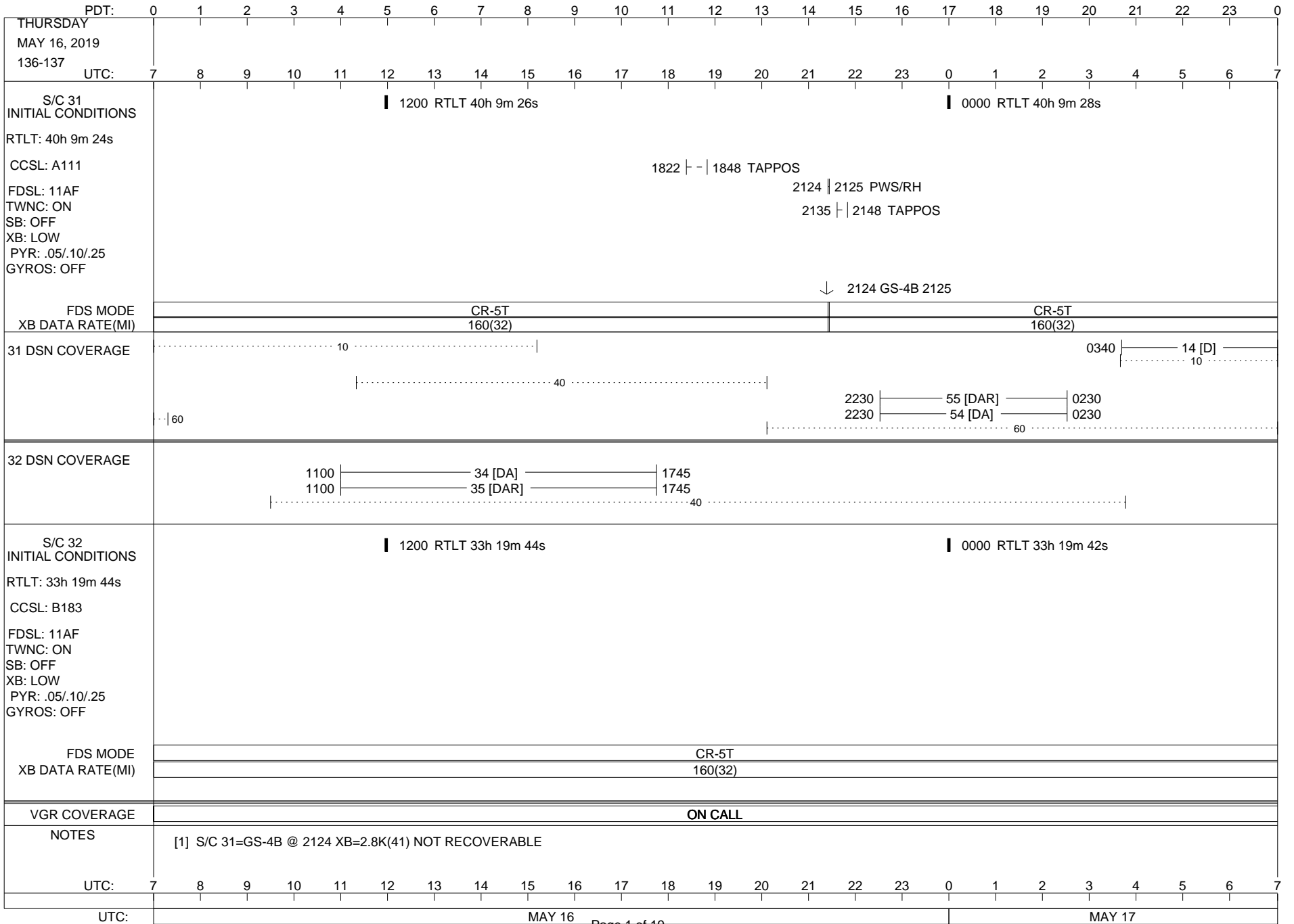
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

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: 05/15/19 11:42

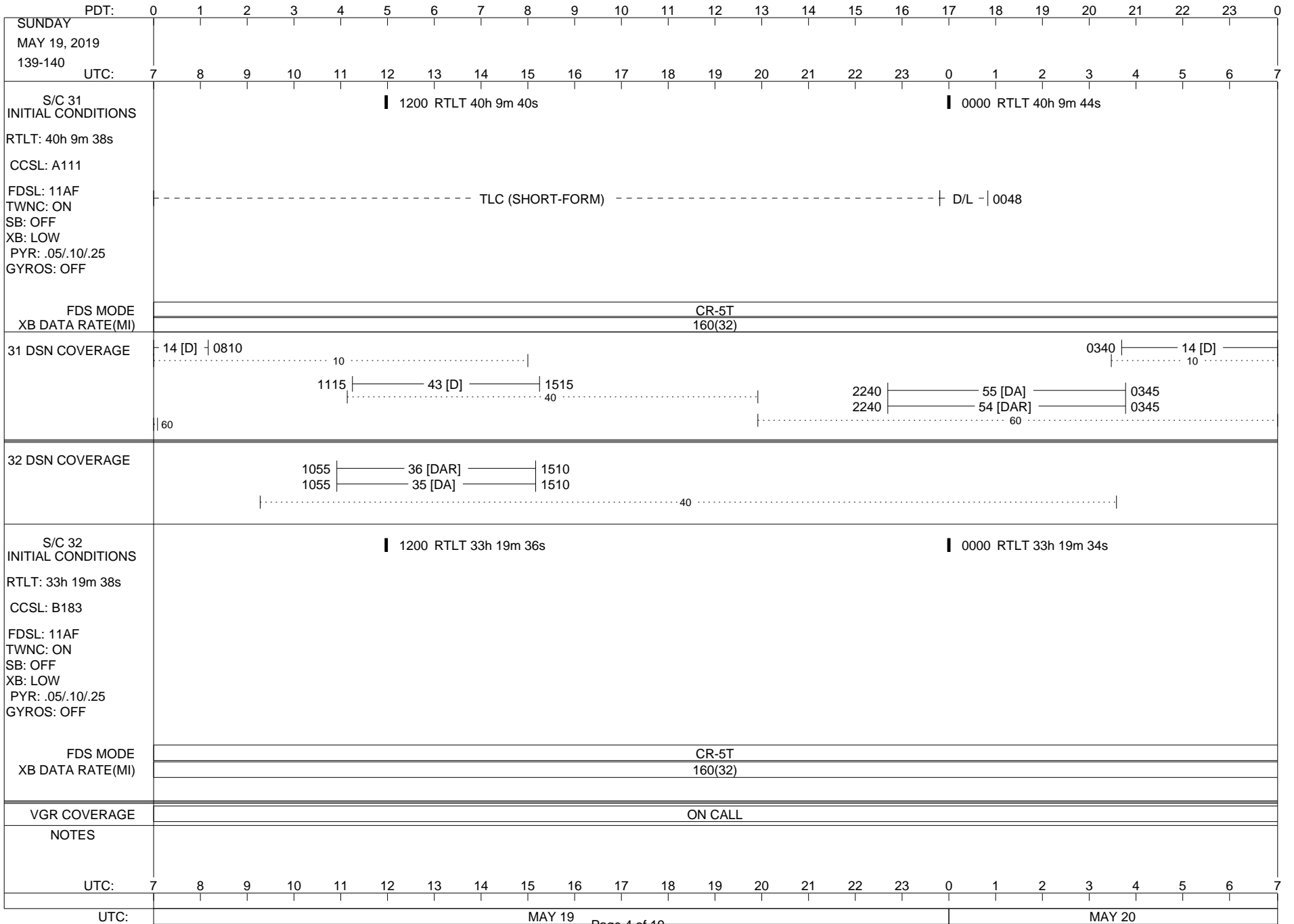


ISSUE DATE: 05/15/19 11:42

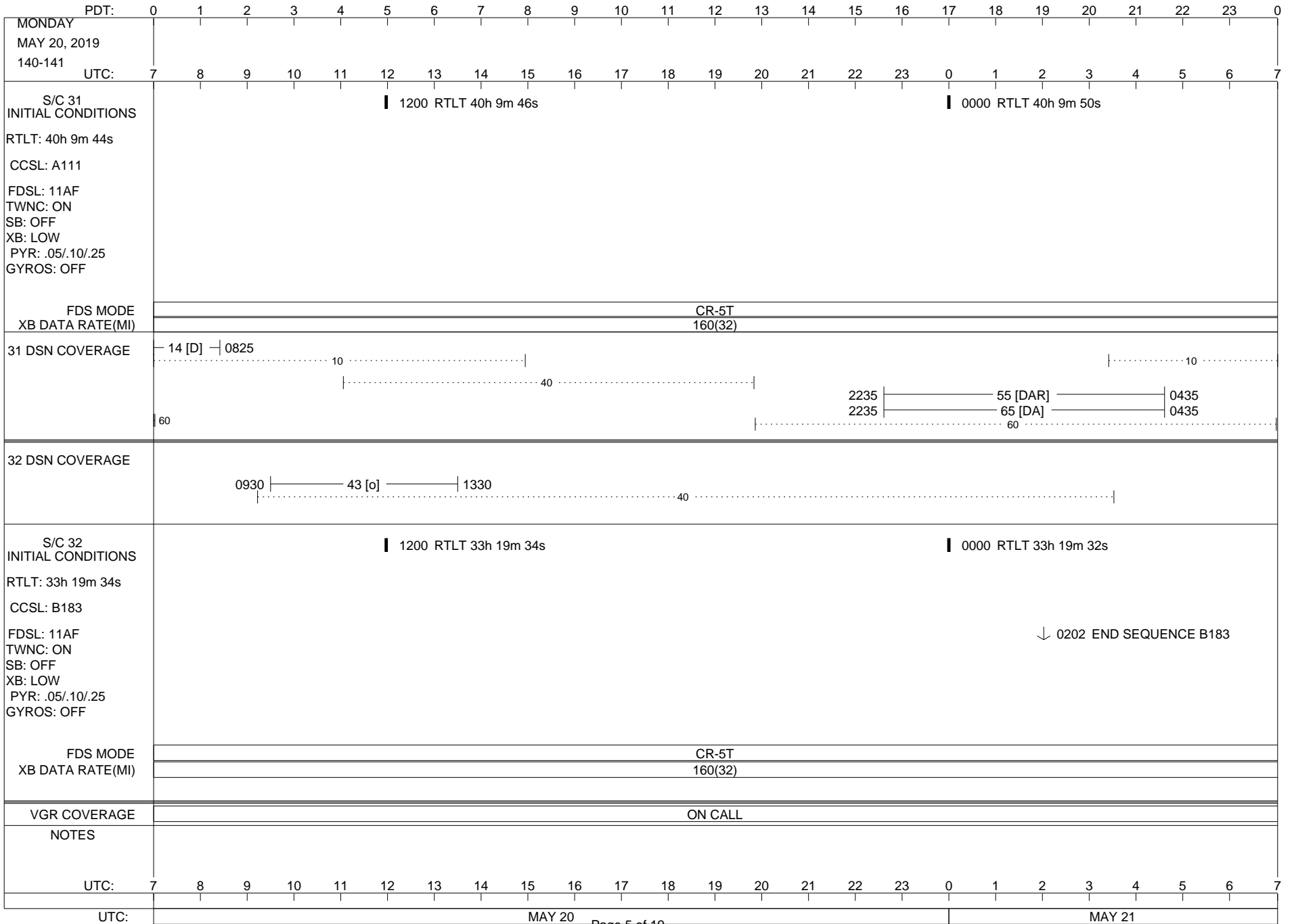
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FRIDAY MAY 17, 2019 137-138																												
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLT: 40h 9m 28s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 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										0335 14 [T]																	
	60										60																	
32 DSN COVERAGE	0945 43 [H1] 1430																											
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															
	▼ 1059 EL-40 (20:19)																											
	▼ 1133 2 TO 16TH (20:53)																											
	▼ 1135 FDS CLOCK RESET (20:54)																											
	▼ 1311 CR-5T (22:30)																											
	▼ 1351 CCSTIM F/C (23:10)																											
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	ON CALL					VGR					ON CALL					VGR												
NOTES	[1] DSS-43 HP TXR DRV ON >= 10:51																											
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													

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	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 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	CR-5T												CR-5T																	
XB DATA RATE(MI)	160(32)												160(32)																	
31 DSN COVERAGE	0740 14 [T] 10 40 60												0330 14 [D] 10 0055 65 [DAR] 0250 0055 55 [DA] 0250																	
32 DSN COVERAGE	0925 43 [D] 1350 40 1955 43 [D] 0055																													
S/C 32 INITIAL CONDITIONS RTLT: 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	CR-5T												EL-40		2020		2231		CR-5T											
XB DATA RATE(MI)	160(32)												40(30)				160(32)													
VGR COVERAGE	ON CALL																													
NOTES	[1] S/C 32=EL-40 @ 2020 XB=160(32) [2] S/C32=CR-5T @ 2231 XB=160(32) [3] 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: 05/15/19 11:42

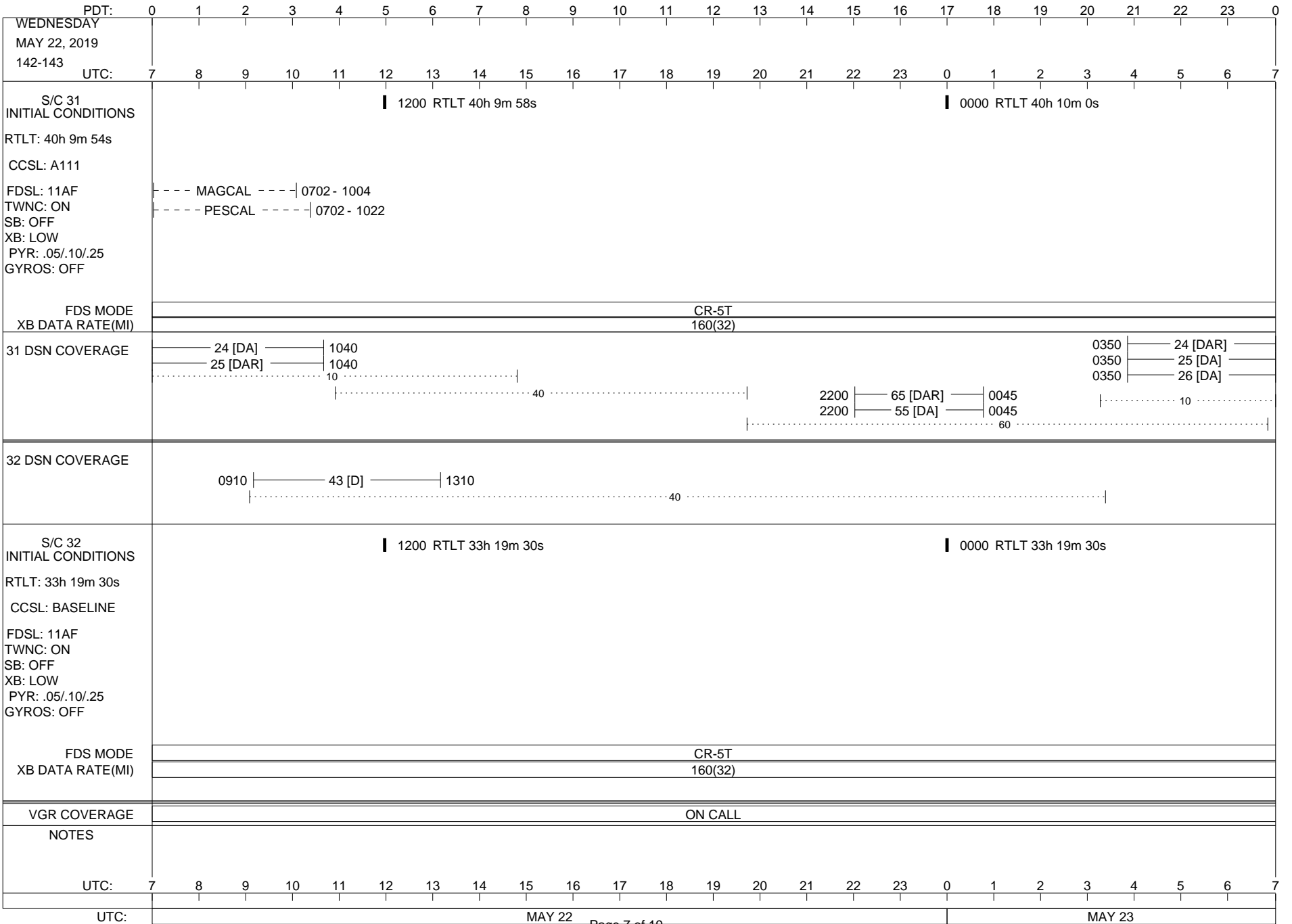


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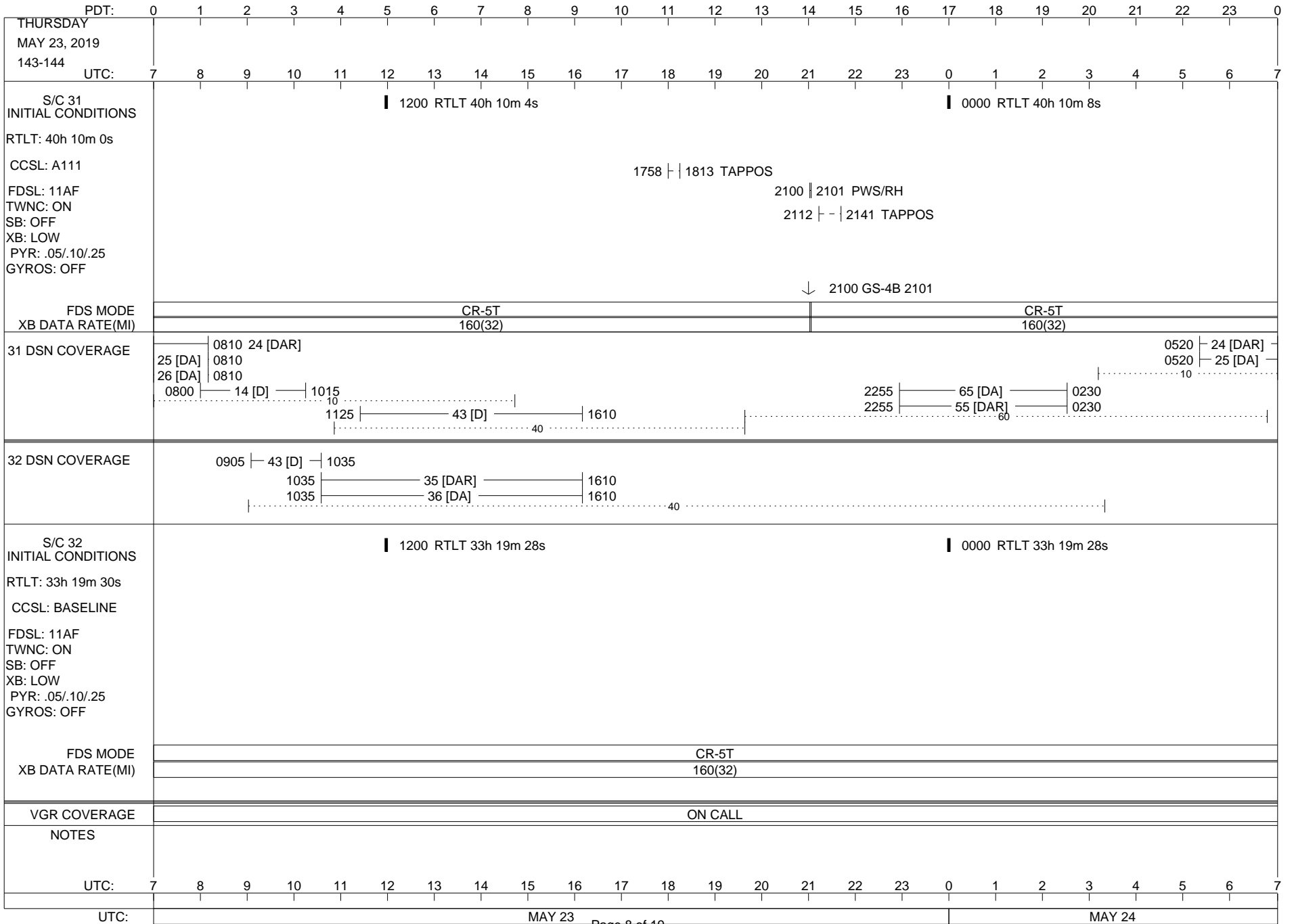


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TUESDAY MAY 21, 2019 141-142	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 40h 9m 50s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 40h 9m 52s												█ 0000 RTLTL 40h 9m 54s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1030 ----- 14 [D] ----- 1450												0530 24 [DA] ----- 0530 25 [DAR] ----- 10												
	----- 40 -----												2320 ----- 55 [DA] ----- 0225 2320 ----- 65 [DAR] ----- 0225												
													----- 60 -----												
32 DSN COVERAGE	----- 1830 ----- 43 [D] ----- 0305																								
	----- 40 -----																								
S/C 32 INITIAL CONDITIONS RTLTL: 33h 19m 32s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 33h 19m 32s												█ 0000 RTLTL 33h 19m 30s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 1447 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 21												MAY 22												

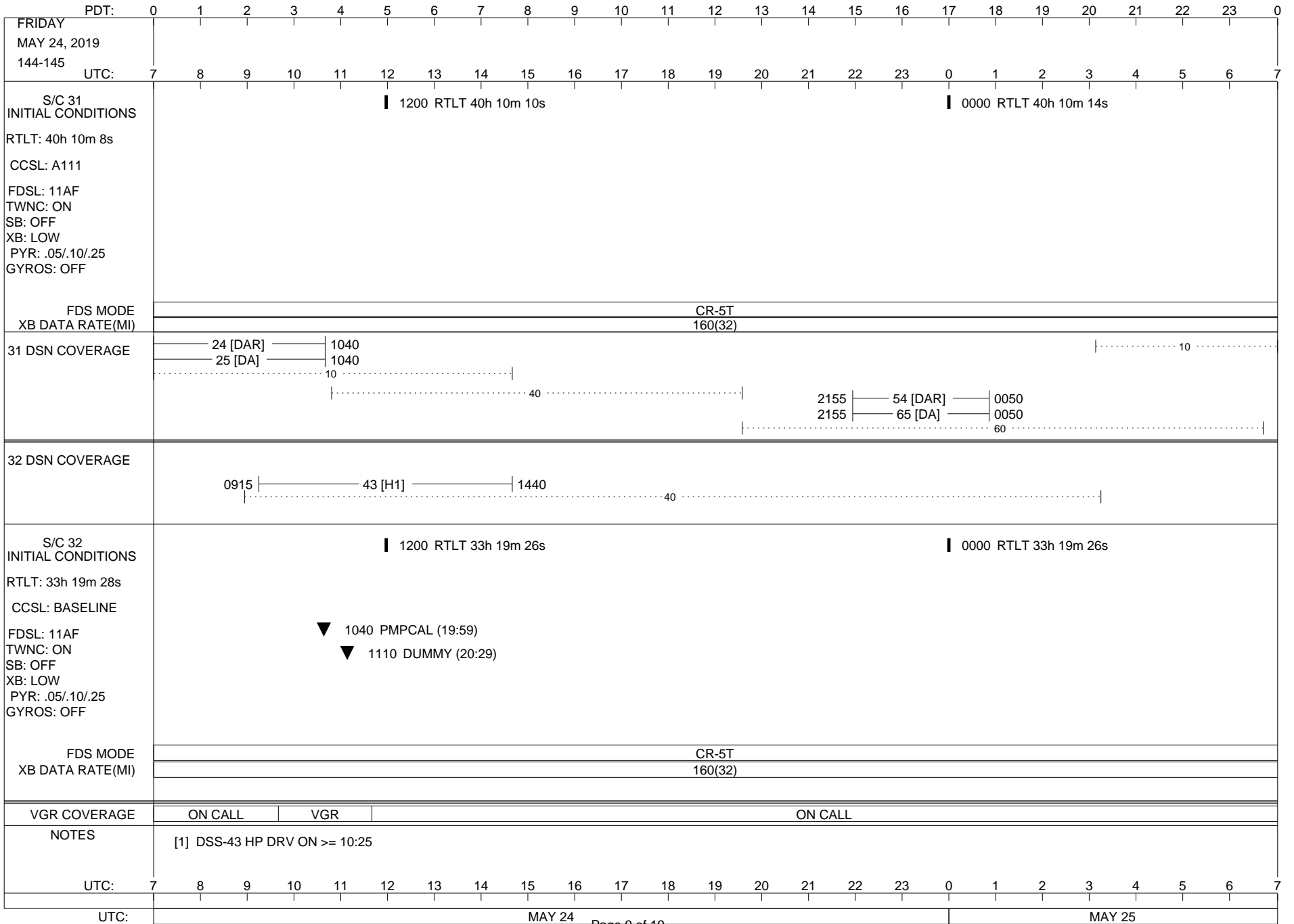
ISSUE DATE: 05/15/19 11:42



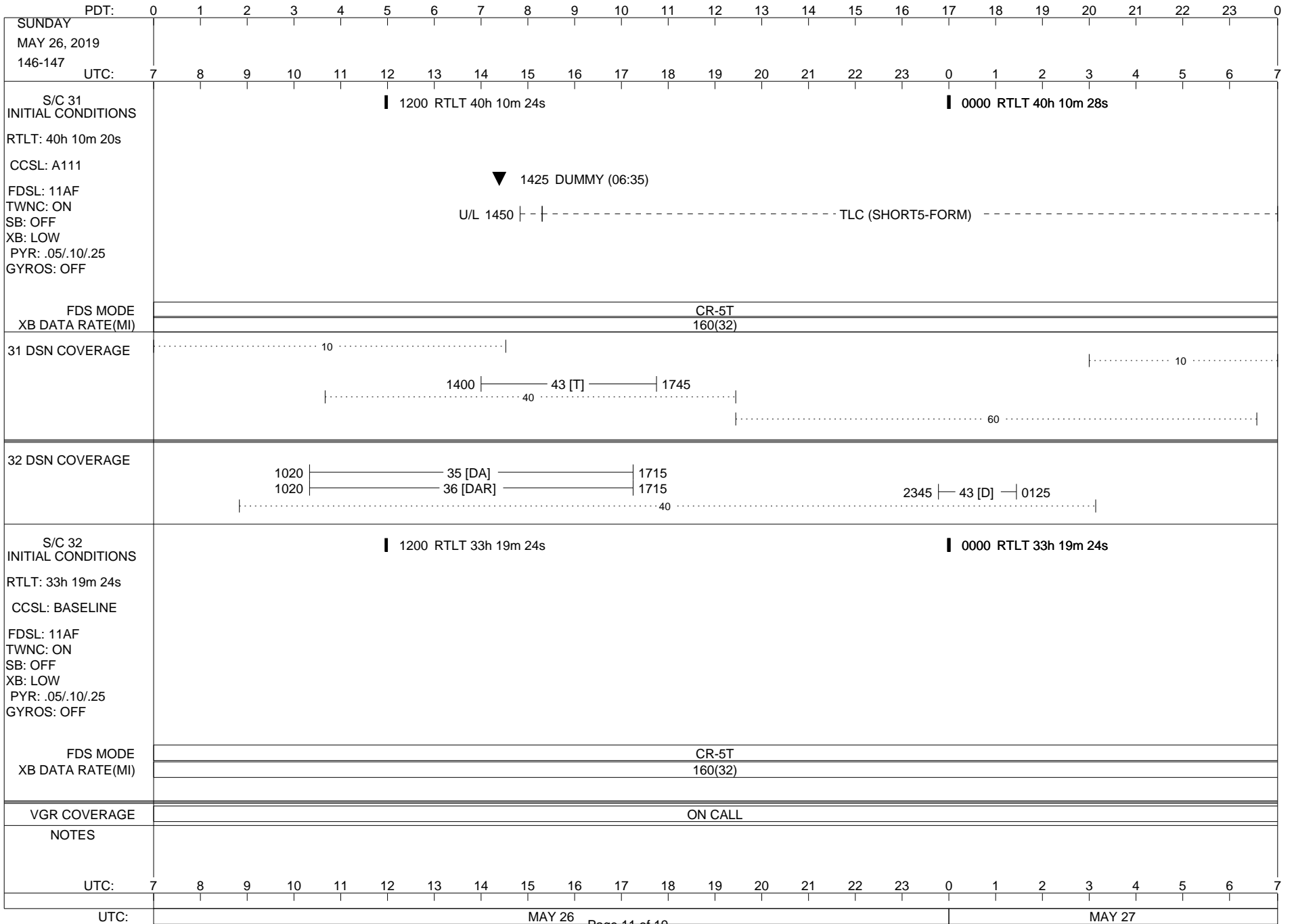
ISSUE DATE: 05/15/19 11:42

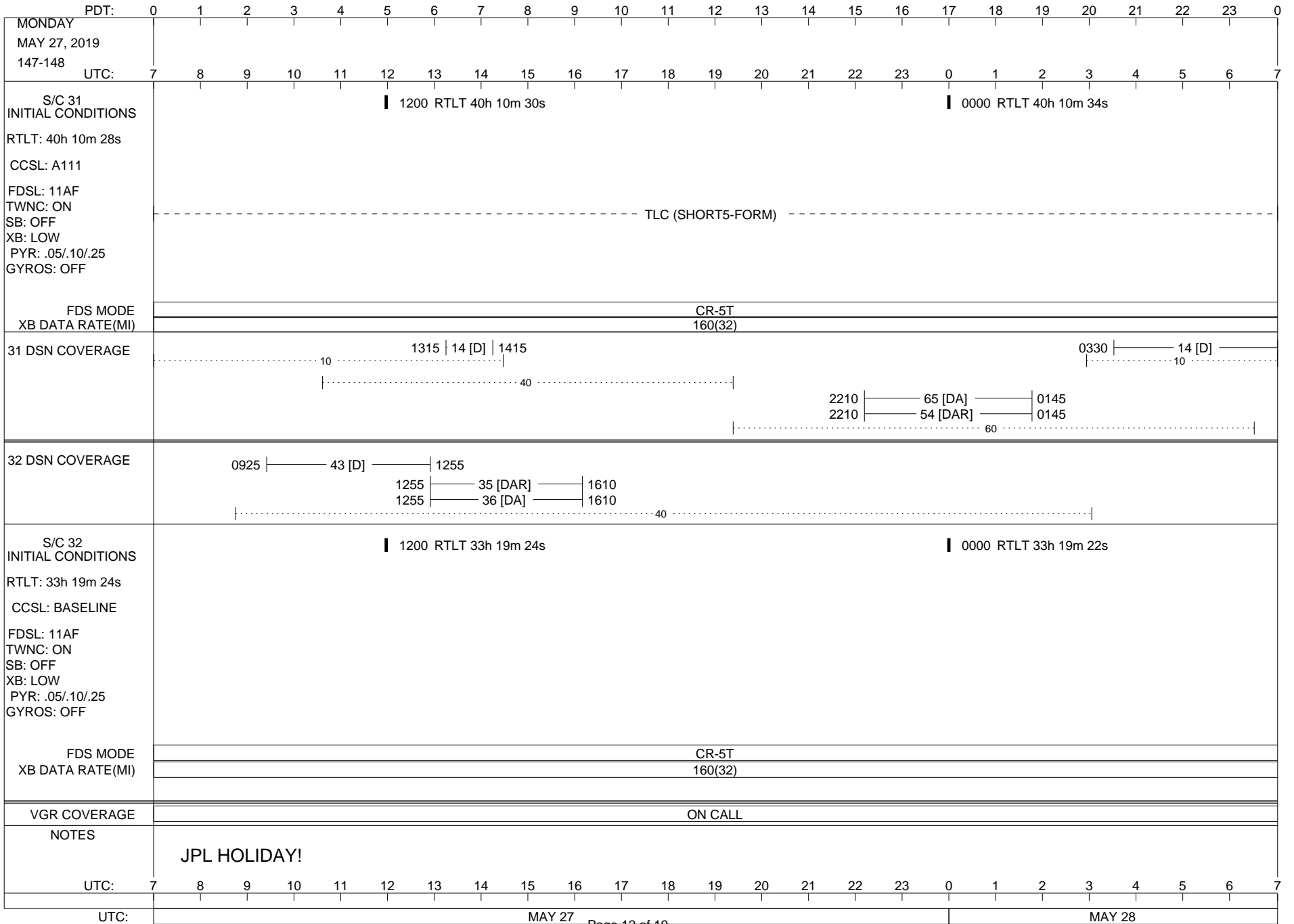


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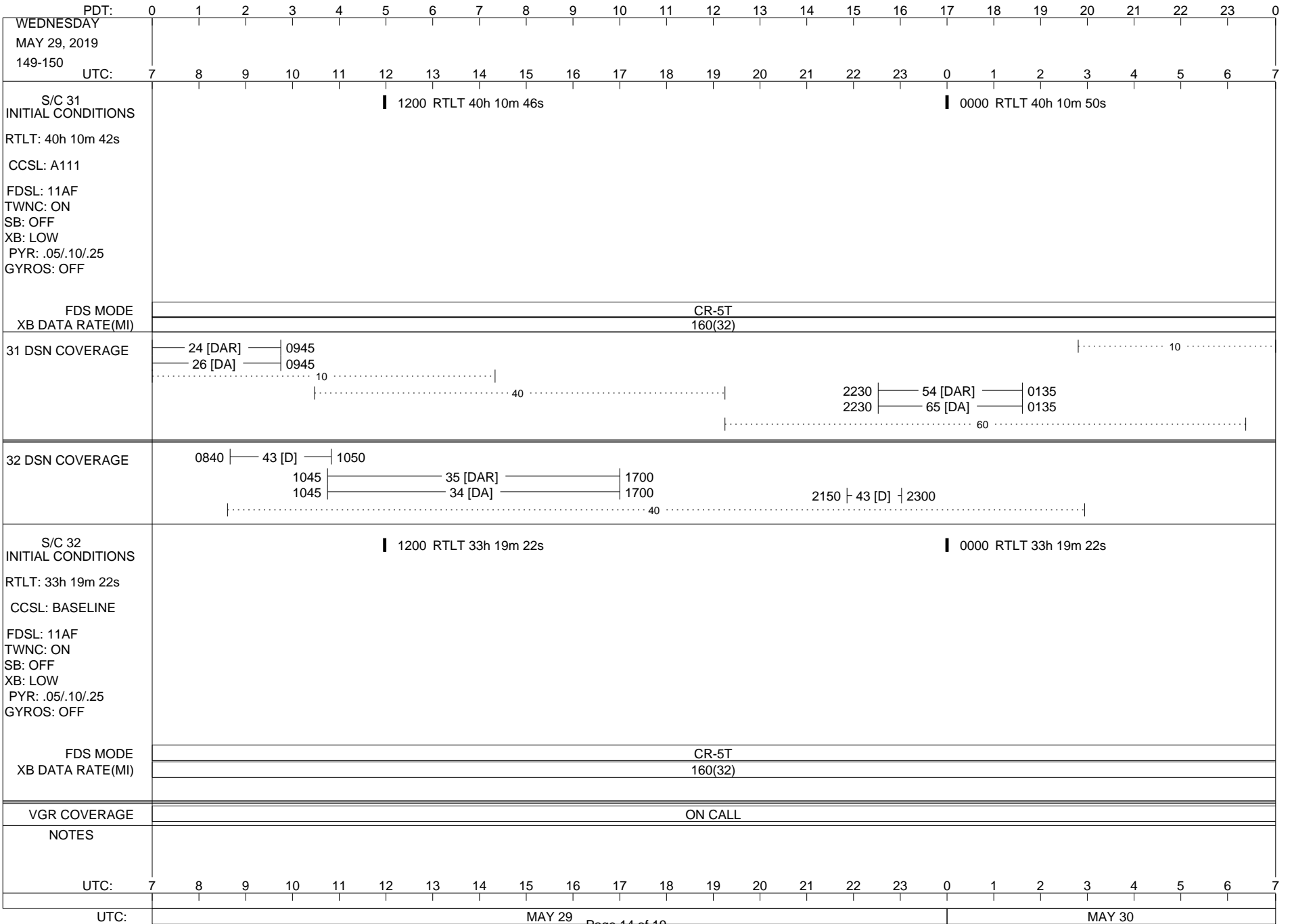
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SATURDAY MAY 25, 2019 145-146																												
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLT: 40h 10m 14s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 40h 10m 16s												0000 RTLT 40h 10m 20s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	-----										-----																	
	1245 ----- 43 [D] ----- 1905										----- 60 -----																	
32 DSN COVERAGE	-----										-----																	
	-----										1950 ----- 43 [D] ----- 0135																	
S/C 32 INITIAL CONDITIONS RTLT: 33h 19m 26s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 19m 26s												0000 RTLT 33h 19m 24s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
VGR COVERAGE	ON CALL												ON CALL															
NOTES	[1] S/C 31=GS-4B @ 0000 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 25														MAY 26													



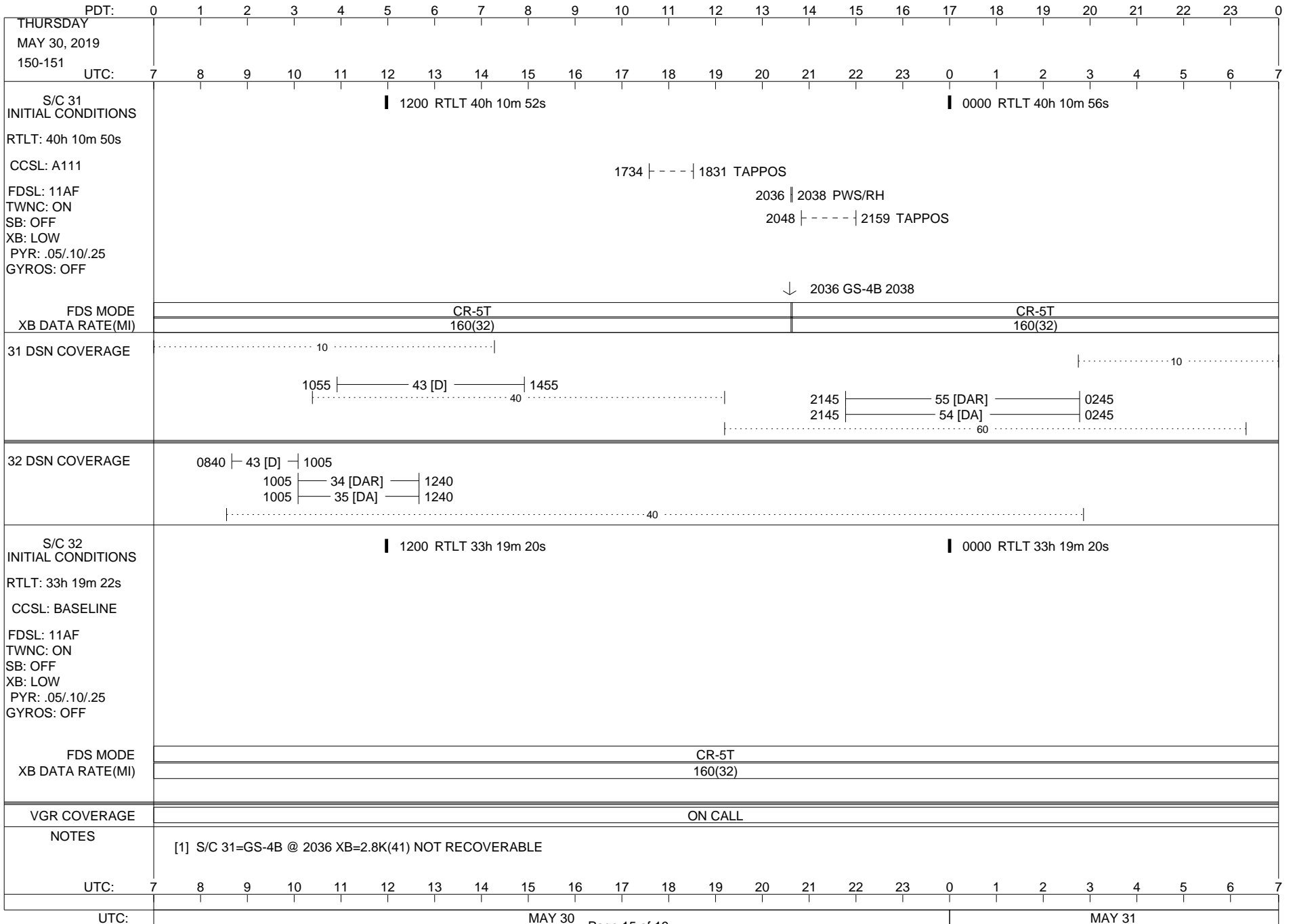


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	UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 40h 10m 34s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 40h 10m 38s												0000 RTLT 40h 10m 42s												
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE		14 [D] — 0840												0515 24 [DAR] — 0515 26 [DA] — 10												
32 DSN COVERAGE		1015 34 [DAR] — 1415 1015 35 [DA] — 1415												40												
S/C 32 INITIAL CONDITIONS RTLT: 33h 19m 22s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 33h 19m 22s												0000 RTLT 33h 19m 22s												
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																								
VGR COVERAGE		ON CALL																								
NOTES		[1] S/C 31=GS-4B @ 1423 XB=2.8K(41)																								
	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 28												MAY 29												

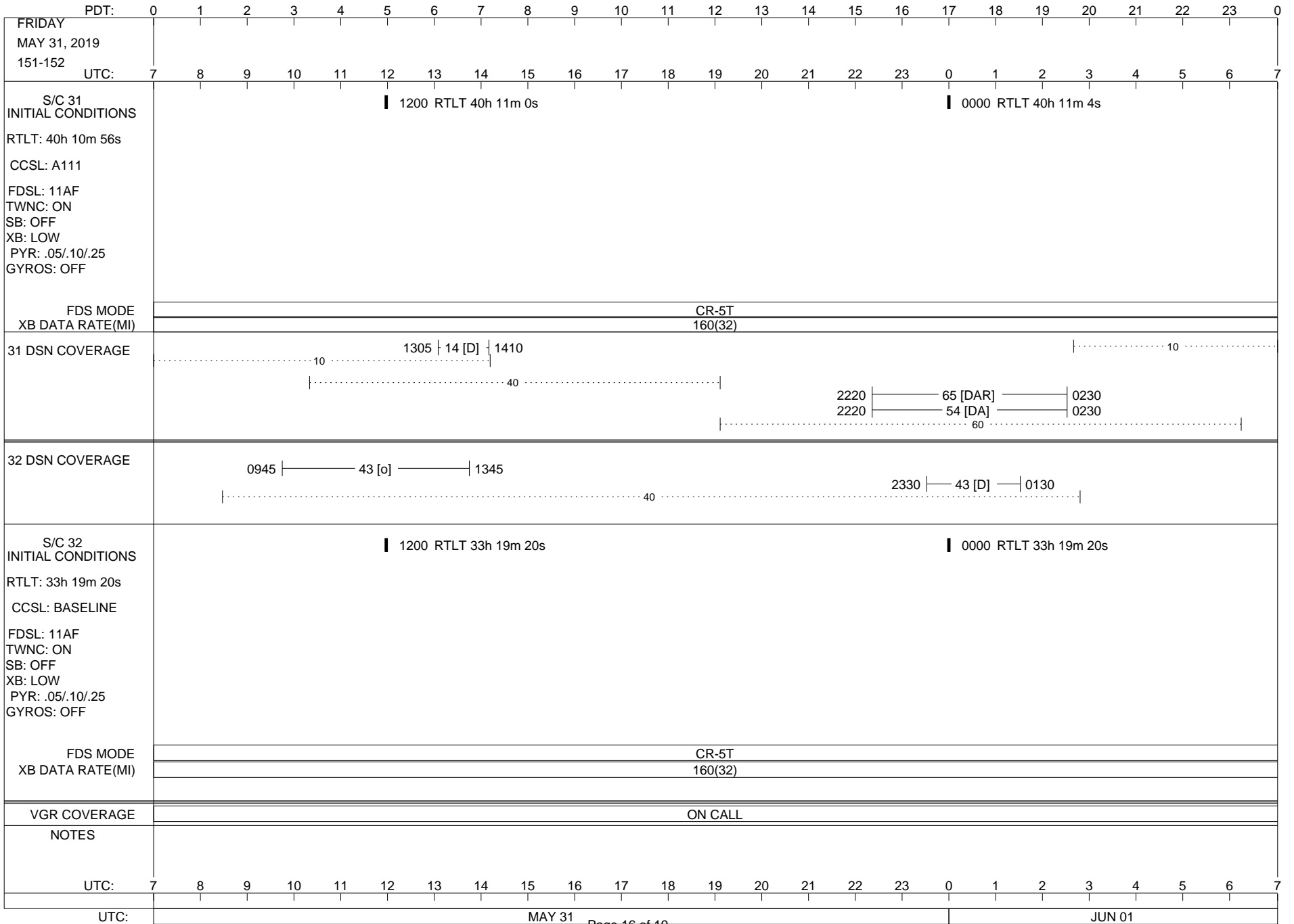
ISSUE DATE: 05/15/19 11:42



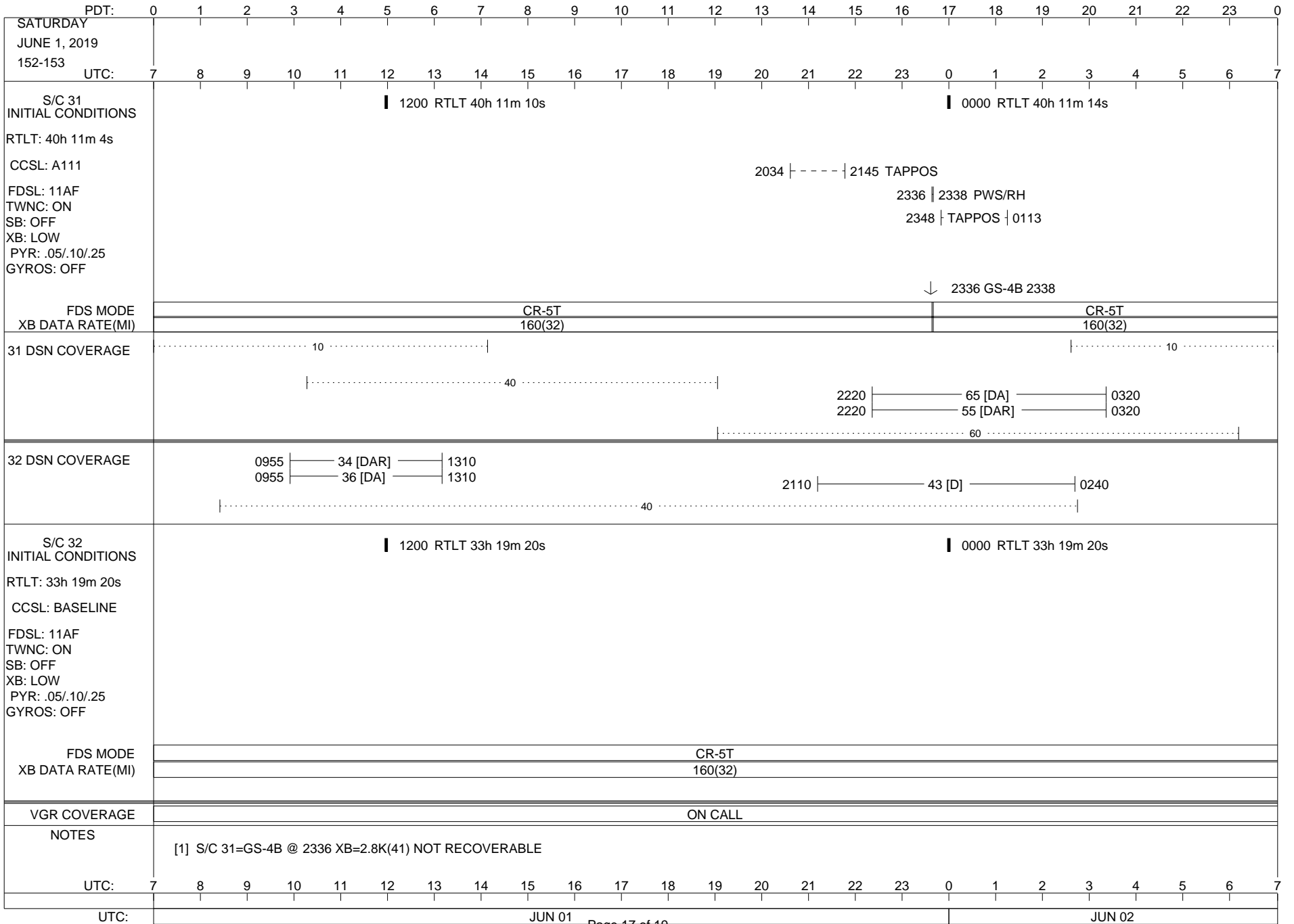
ISSUE DATE: 05/15/19 11:42



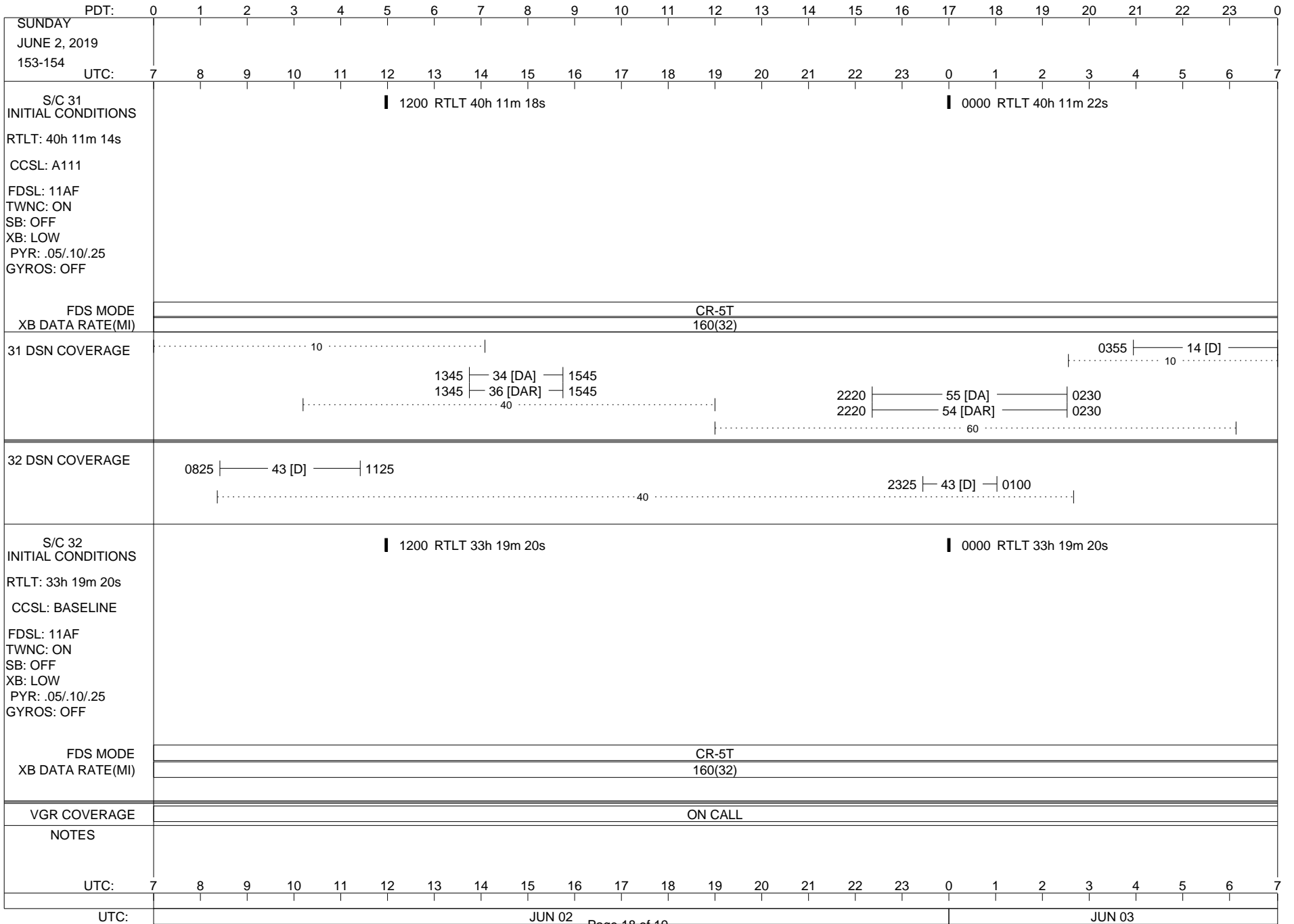
ISSUE DATE: 05/15/19 11:42



ISSUE DATE: 05/15/19 11:42



ISSUE DATE: 05/15/19 11:42



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
JUNE 3, 2019
154-155

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 11m 22s
CCSL: A111
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 40h 11m 26s

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

31 DSN COVERAGE
0755 14 [D]
10
40

32 DSN COVERAGE
0945 34 [DAR] 1430
0945 35 [DA] 1430

S/C 32
INITIAL CONDITIONS
RTLT: 33h 19m 20s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 33h 19m 20s

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: JUN 03 Page 19 of 19 JUN 04