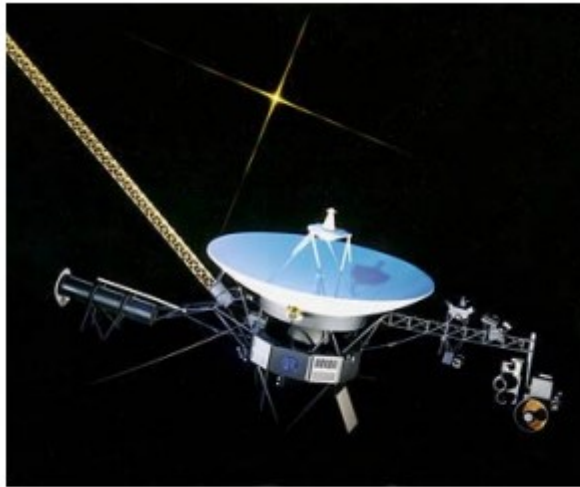


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: May 29, 2019

For the Period: 05/30/19 to 06/17/19 (19/150 – 19/168)

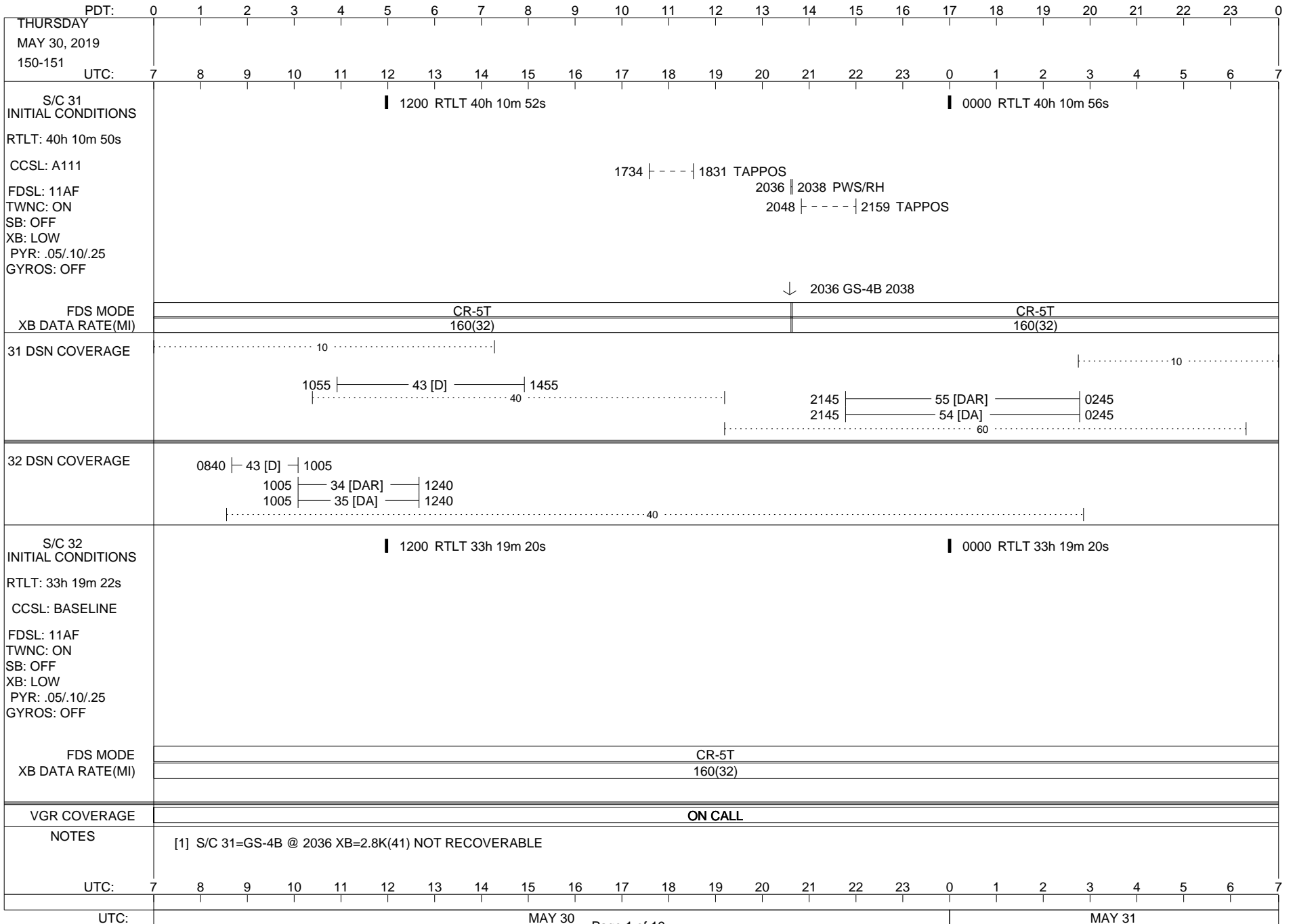


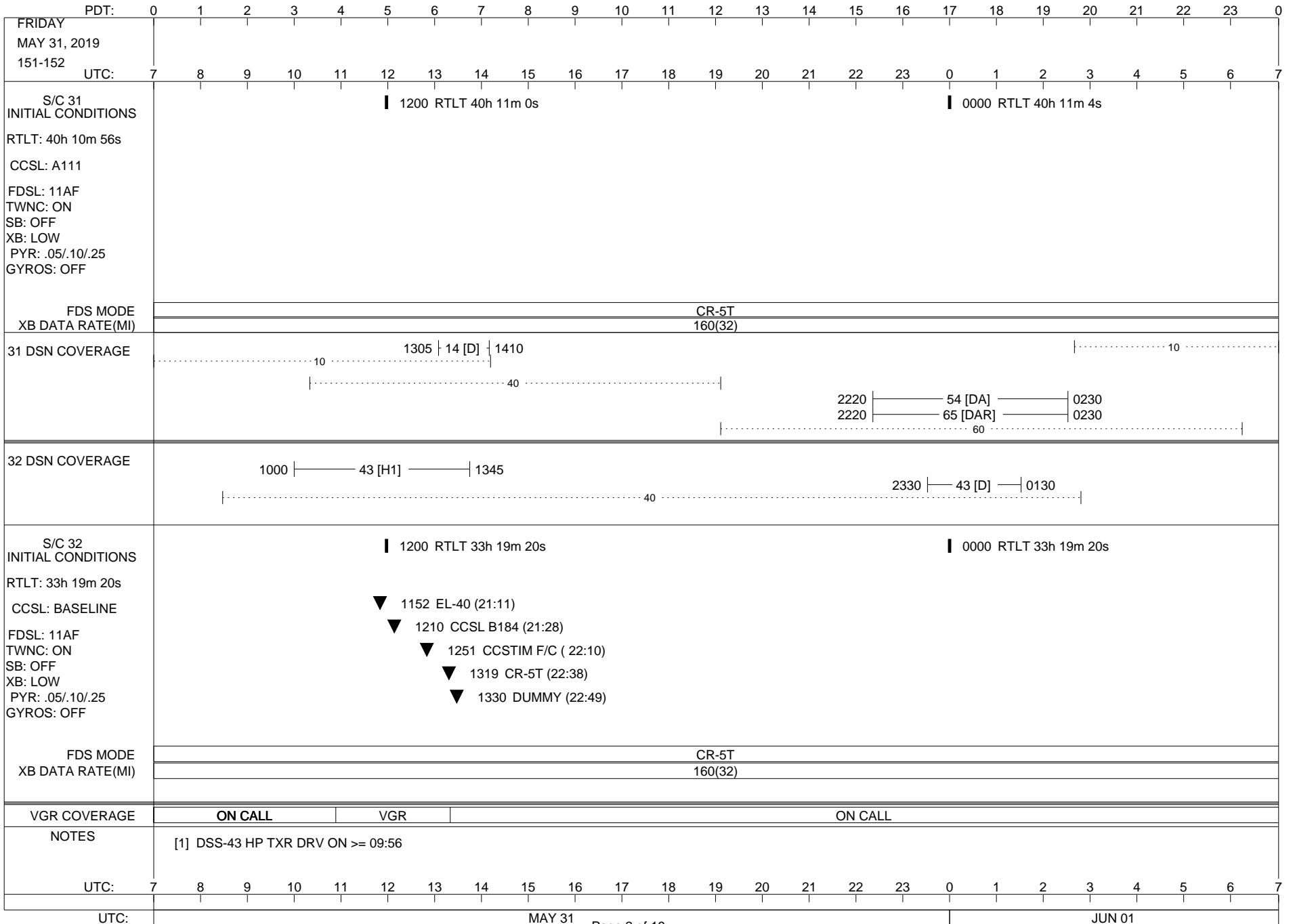
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

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

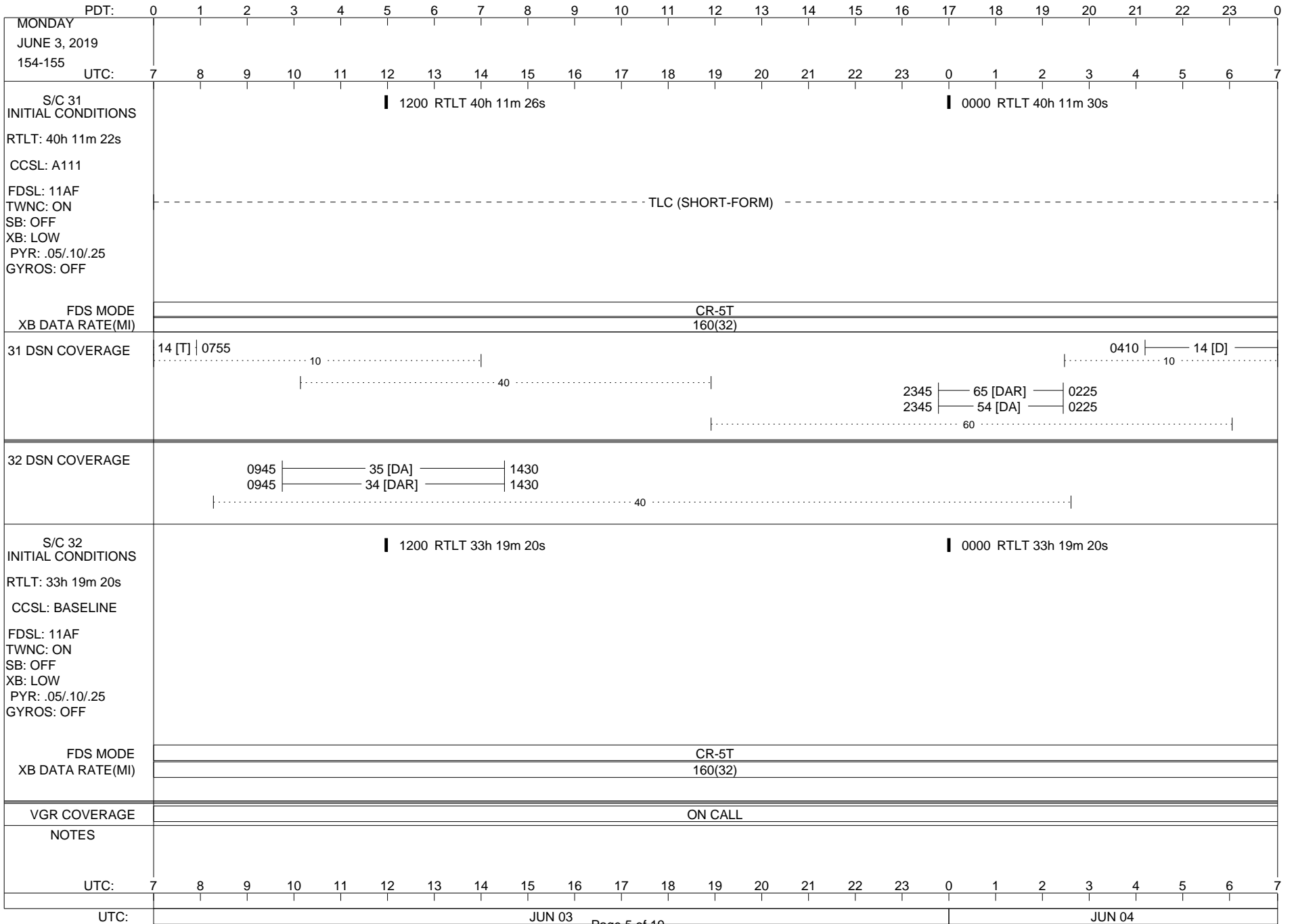


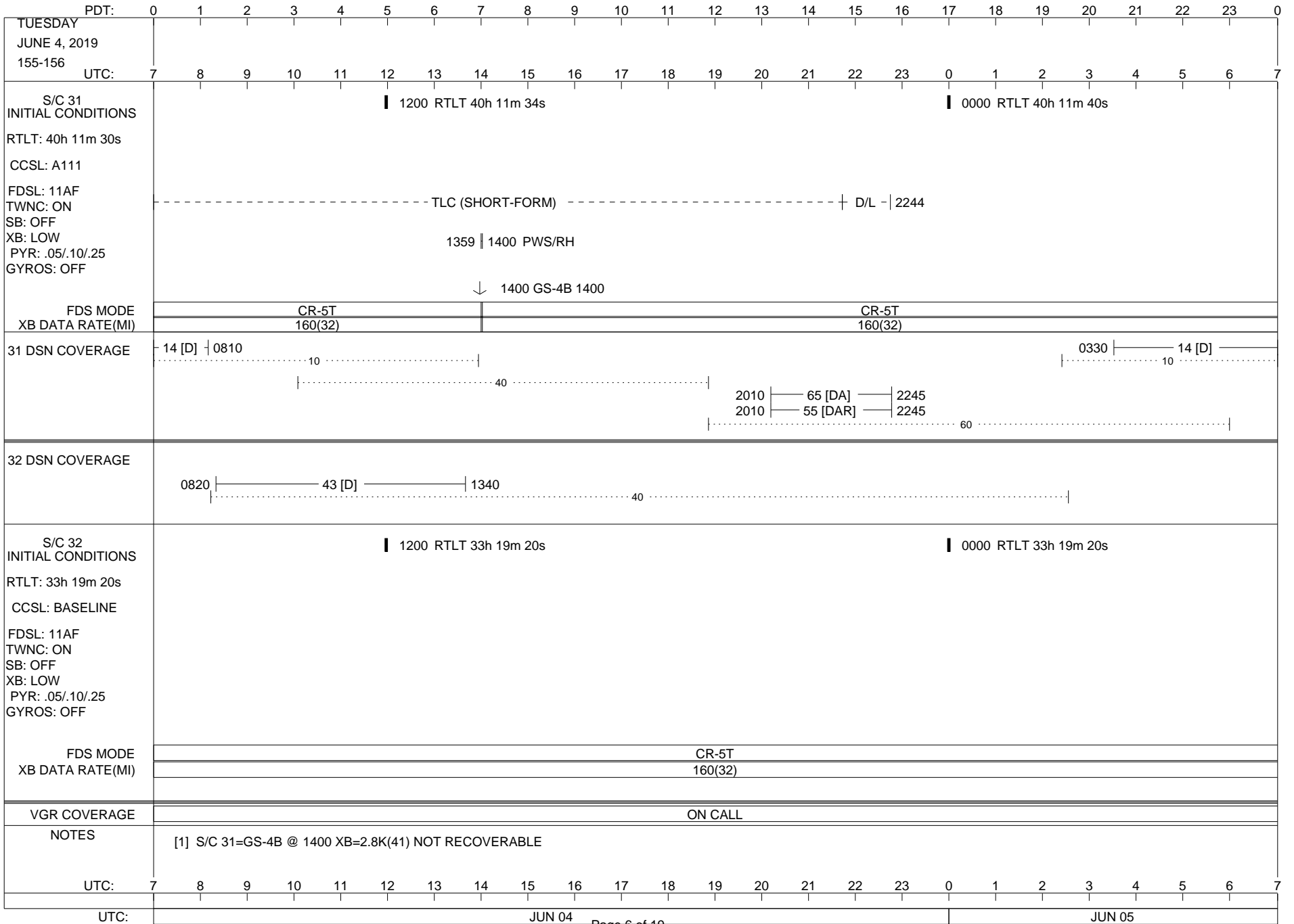


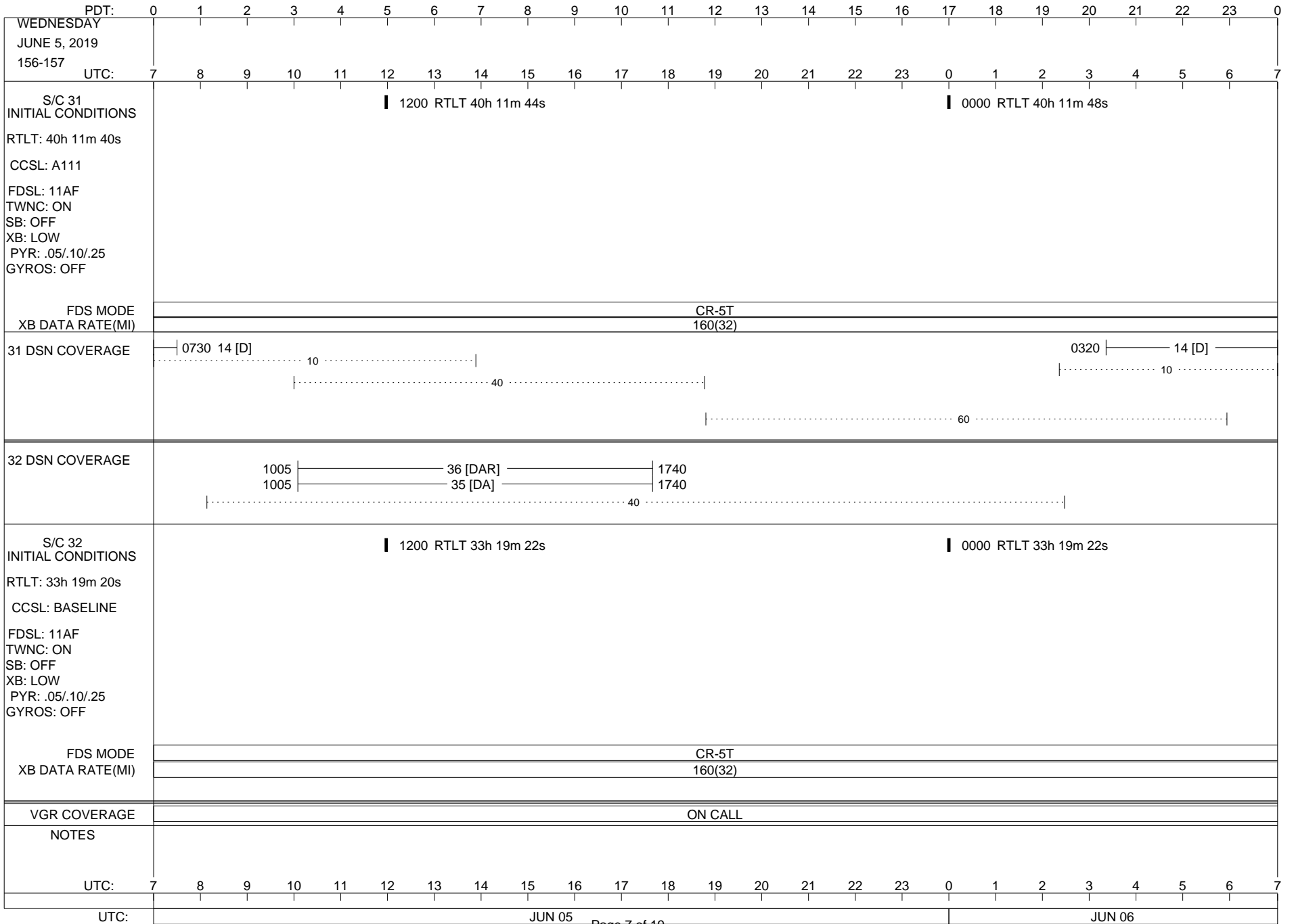
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SATURDAY JUNE 1, 2019 152-153																											
S/C 31 INITIAL CONDITIONS RTLTL: 40h 11m 4s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 40h 11m 10s													0000 RTLT 40h 11m 14s												
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)													CR-5T 160(32)												
31 DSN COVERAGE	 10 40 2220 ----- 65 [DA] ----- 0320 2220 ----- 55 [DAR] ----- 0320 60 10												
32 DSN COVERAGE		0955 ----- 34 [DAR] ----- 1310 0955 ----- 36 [DA] ----- 1310 40 2110 ----- 43 [D] ----- 0240																									
S/C 32 INITIAL CONDITIONS RTLTL: 33h 19m 20s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 33h 19m 20s													0000 RTLT 33h 19m 20s												
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)													EL-40 40(30)			CR-5T 160(32)									
VGR COVERAGE		ON CALL													VGR			ON CALL									
NOTES		[1] S/C 31=GS-4B @ 2336 XB=2.8K(41) NOT RECOVERABLE [2] S/C 32=EL-40 @ 2112 XB=40(30) [3] S/C 31=CR-5T @ 2239 XB=160(32)																									
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 01													JUN 02												

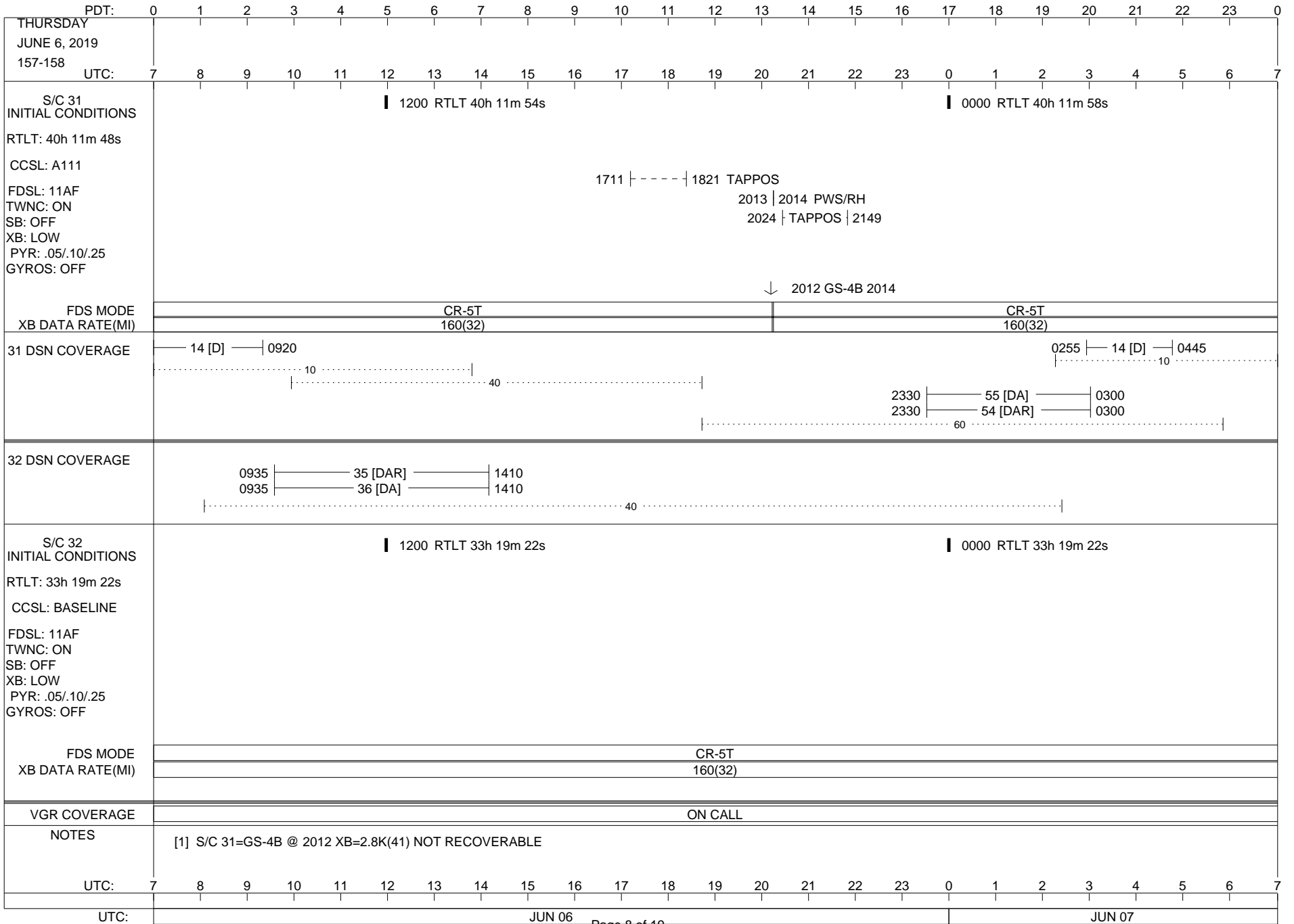
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SUNDAY JUNE 2, 2019 153-154	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 40h 11m 14s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 40h 11m 18s												0000 RTLTL 40h 11m 22s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE 10 0410 14 [T] 												
	1345 36 [DAR] 1545 1345 34 [DA] 1545 40												2220 55 [DA] 0230 2220 54 [DAR] 0230 60												
32 DSN COVERAGE	0825 43 [D] 1125 40												2340 43 [o] 0100												
S/C 32 INITIAL CONDITIONS RTLTL: 33h 19m 20s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 33h 19m 20s												0000 RTLTL 33h 19m 20s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL												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
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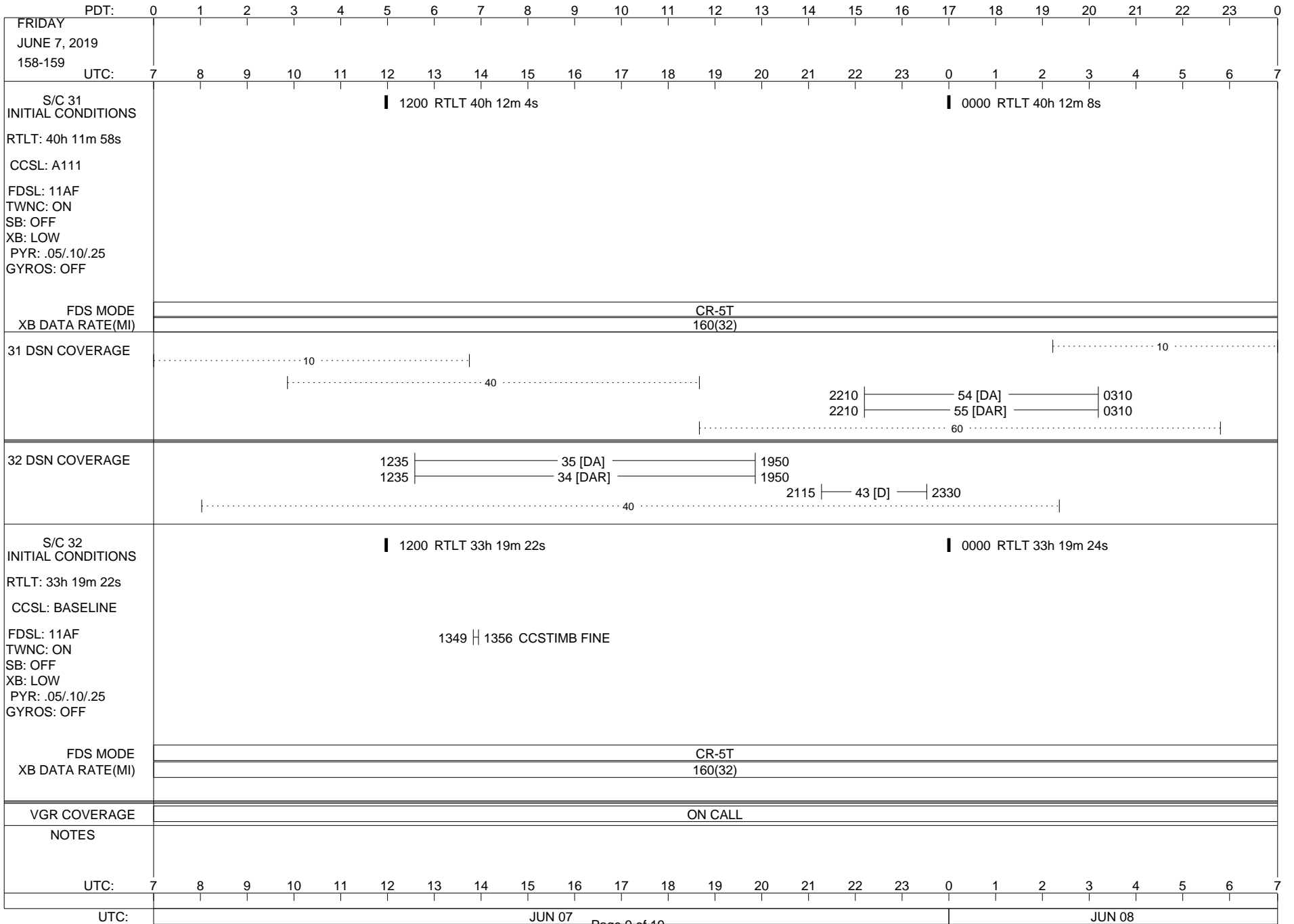
ISSUE DATE: 05/29/19 09:46





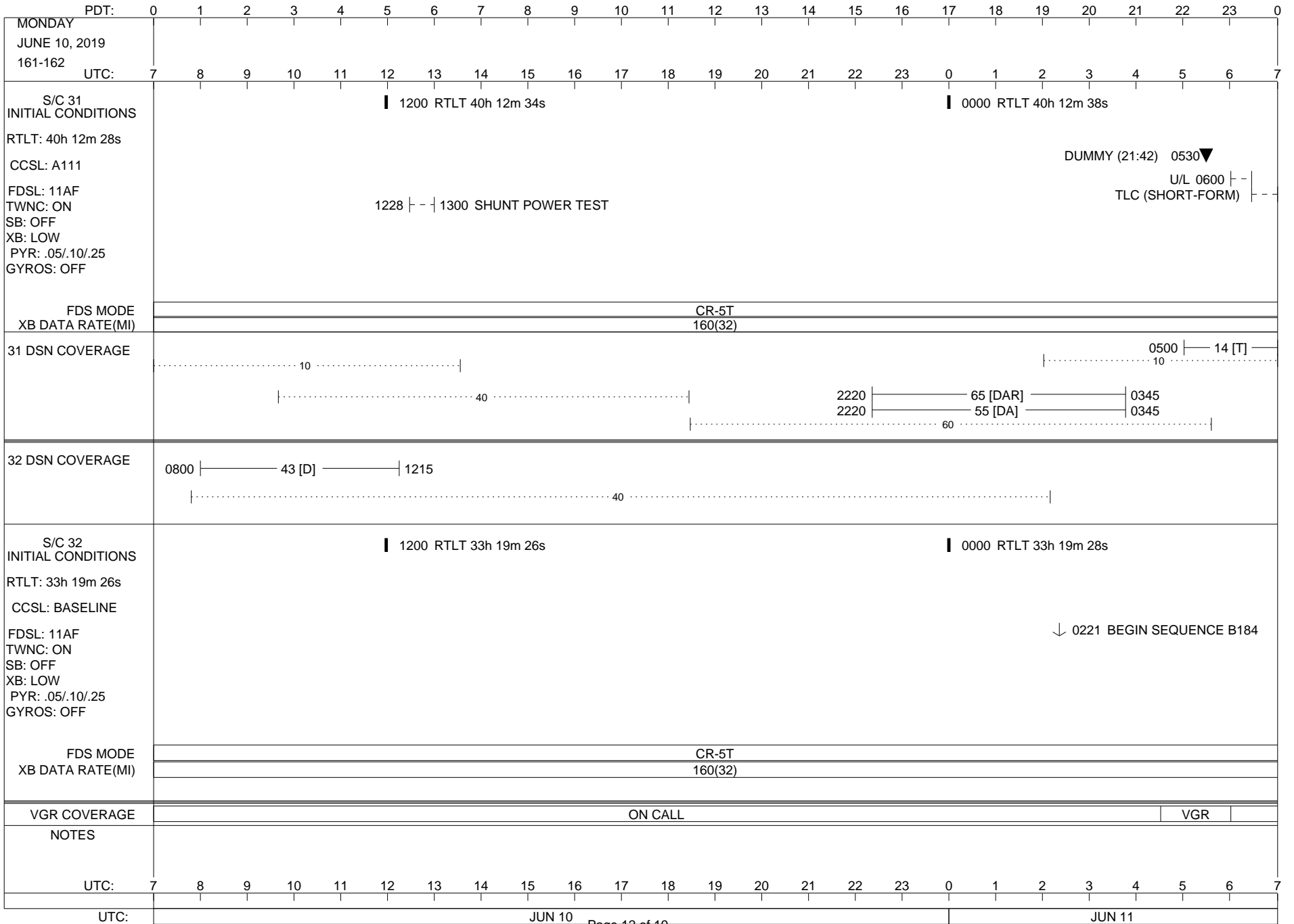






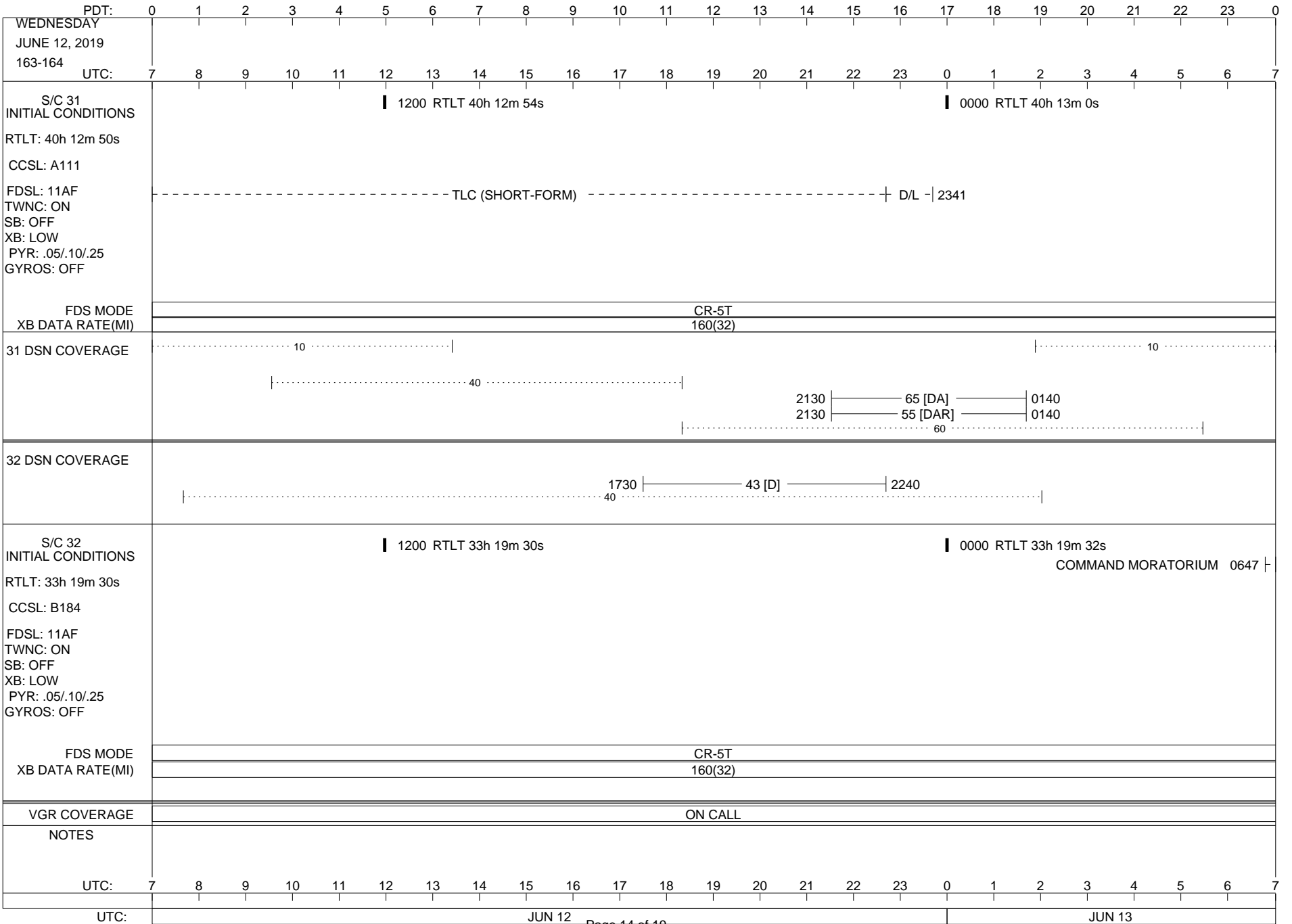
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SATURDAY JUNE 8, 2019 159-160																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 40h 12m 8s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 40h 12m 12s												0000 RTLT 40h 12m 18s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE 10												0215- 0615 ----- 14 [D] -----													
 40												2245 65 [DAR] 0030 2245 54 [DA] 0030 60													
32 DSN COVERAGE	0845 ----- 43 [H1] ----- 1230												1850 ----- 43 [D] ----- 0135													
S/C 32 INITIAL CONDITIONS RTLT: 33h 19m 24s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 19m 24s												0000 RTLT 33h 19m 24s													
	▼ 0947 CRS HEATER RECONFIG (19:06)												▼ 1025 DUMMY (19:44)													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
VGR COVERAGE	ON CALL	VGR										ON CALL														
NOTES	[1] DSS-43 HP TXR DRV ON >= 09:24 [1] S/C 31=GS-4B @ 2313 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:	JUN 08													JUN 09												

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 JUNE 9, 2019 160-161	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 12m 18s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 40h 12m 22s												0000 RTLT 40h 12m 28s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	1040 2155 ----- 65 [DA] ----- 0300 2155 ----- 55 [DAR] ----- 0300 60												0440 --- 14 [D] --- 0605 10												
32 DSN COVERAGE	0930 ----- 43 [D] ----- 1225 40												1900 ----- 43 [D] ----- 0010 												
S/C 32 INITIAL CONDITIONS RTLTL: 33h 19m 24s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 19m 24s												0000 RTLT 33h 19m 26s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												* ↓ 1907 BAY 1 HTR OFF ↓ 1909 CRS REPL HTR OFF ↓ 1911 CRS SUPL HTR ON 1912 1914 2 MITIGATION CMDS ↓ 1915 BAY 1 HTR ON												
VGR COVERAGE	ON CALL												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:	JUN 09												JUN 10												

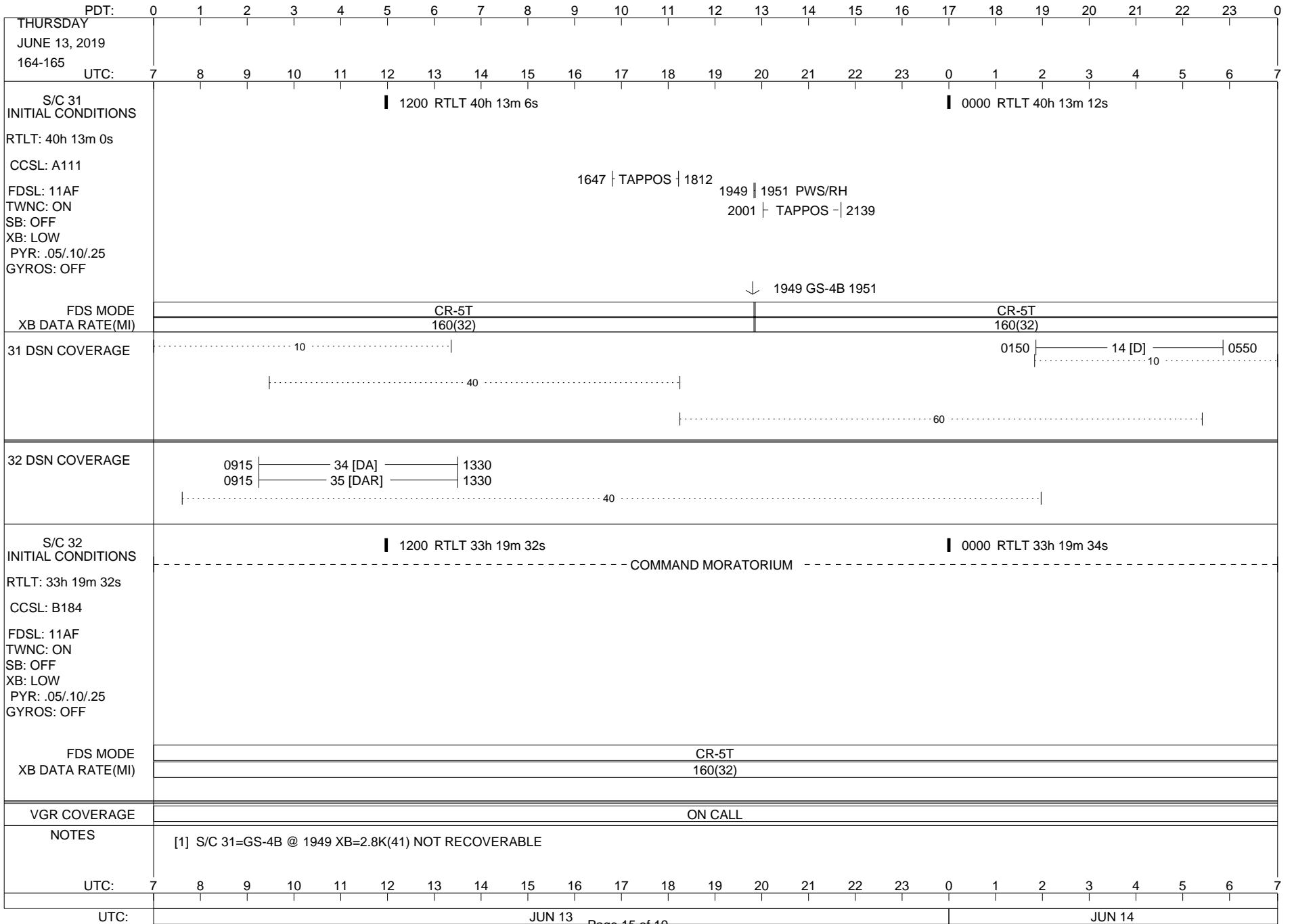


PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
TUESDAY JUNE 11, 2019 162-163																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 40h 12m 38s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 40h 12m 44s												0000 RTLT 40h 12m 50s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	14 [T] 0900 10 40												2145 65 [DAR] 0145 2145 55 [DA] 0145 60												
32 DSN COVERAGE	0835 43 [o] 1300 40												2245 43 [D] 0135												
S/C 32 INITIAL CONDITIONS RTLT: 33h 19m 28s CCSL: B184 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 19m 28s												0000 RTLT 33h 19m 30s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1336 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:	JUN 11												JUN 12												

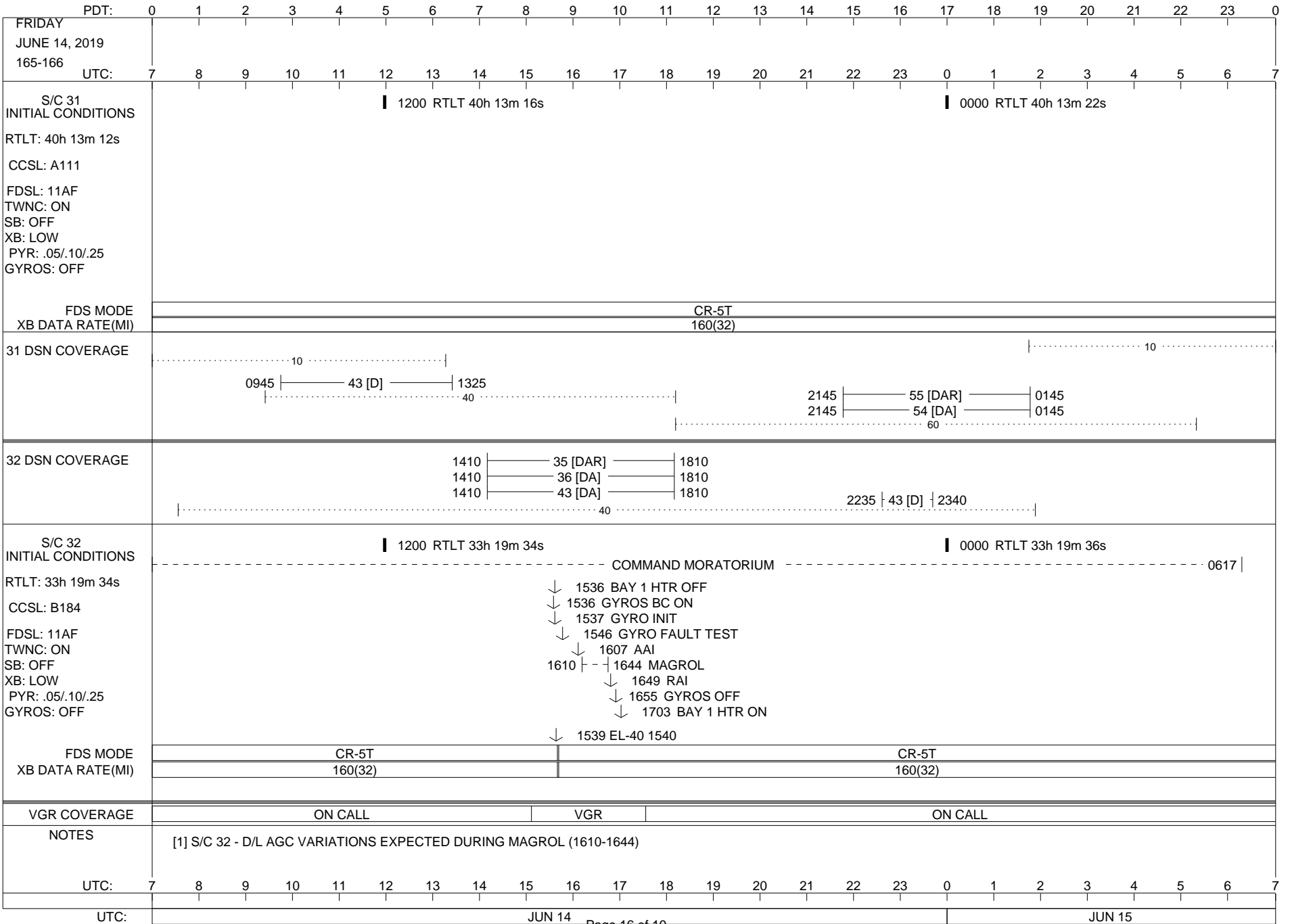
ISSUE DATE: 05/29/19 09:46



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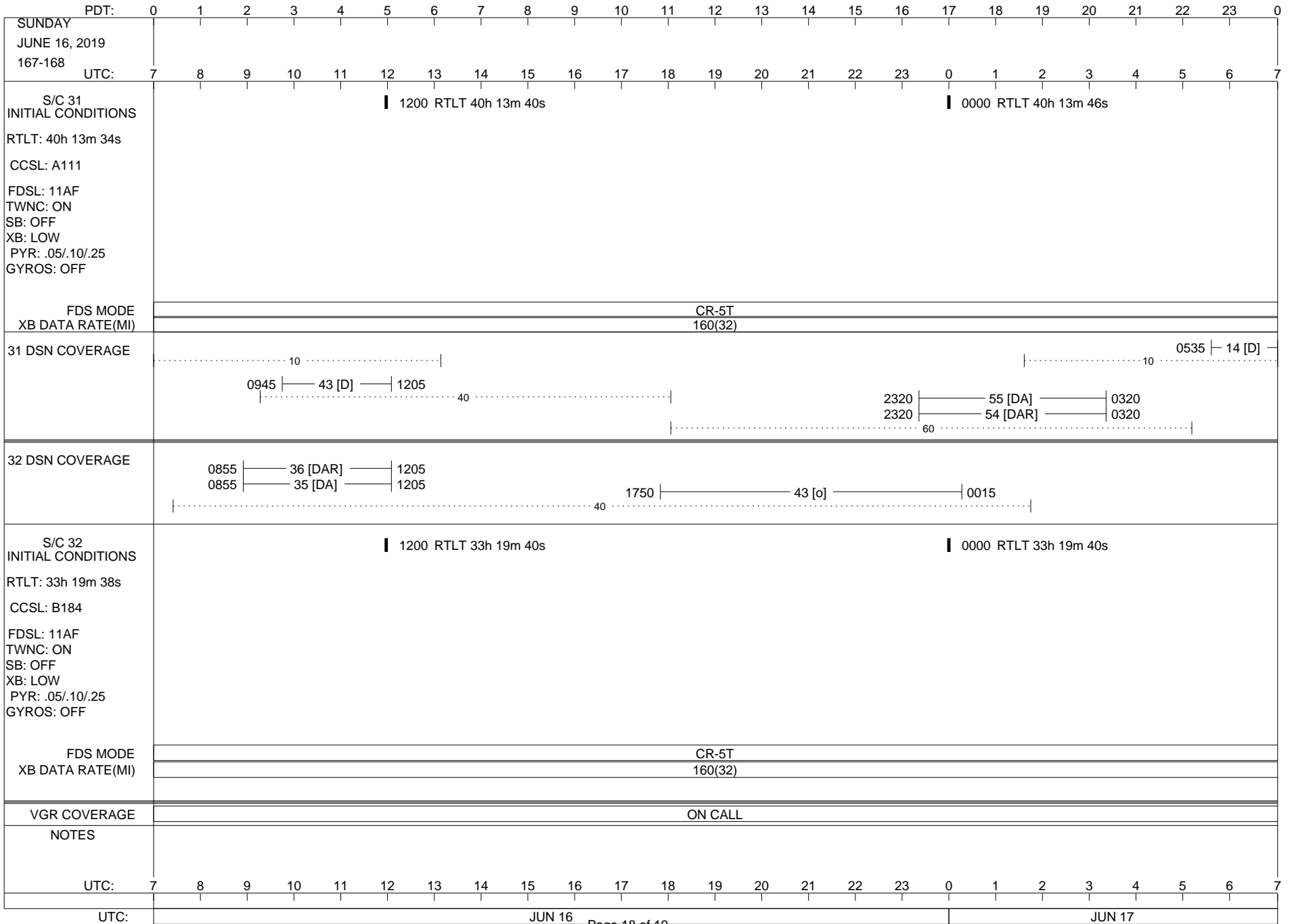


ISSUE DATE: 05/29/19 09:46



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 JUNE 15, 2019 166-167	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 13m 22s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 40h 13m 28s												0000 RTLTL 40h 13m 34s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	-----10-----												0225 ---14 [D]--- 0410 -----10-----												
	-----40-----												2305 ---65 [DAR]--- 0235 2305 ---55 [DA]--- 0235 -----60-----												
32 DSN COVERAGE	-----43 [B]----- 0735 - 1205												-----40-----												
S/C 32 INITIAL CONDITIONS RTLTL: 33h 19m 36s CCSL: B184 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 33h 19m 36s												0000 RTLTL 33h 19m 38s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 2249 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:	JUN 15												JUN 16												

ISSUE DATE: 05/29/19 09:46



ISSUE DATE: 05/29/19 09:46

