

<b>VOYAGER</b> <b>Space Flight Operations Schedule (SFOS)</b>
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Issue Date: May 31, 2017

For the Period: 06/01/17 to 06/19/17 (17/152 – 17/170)

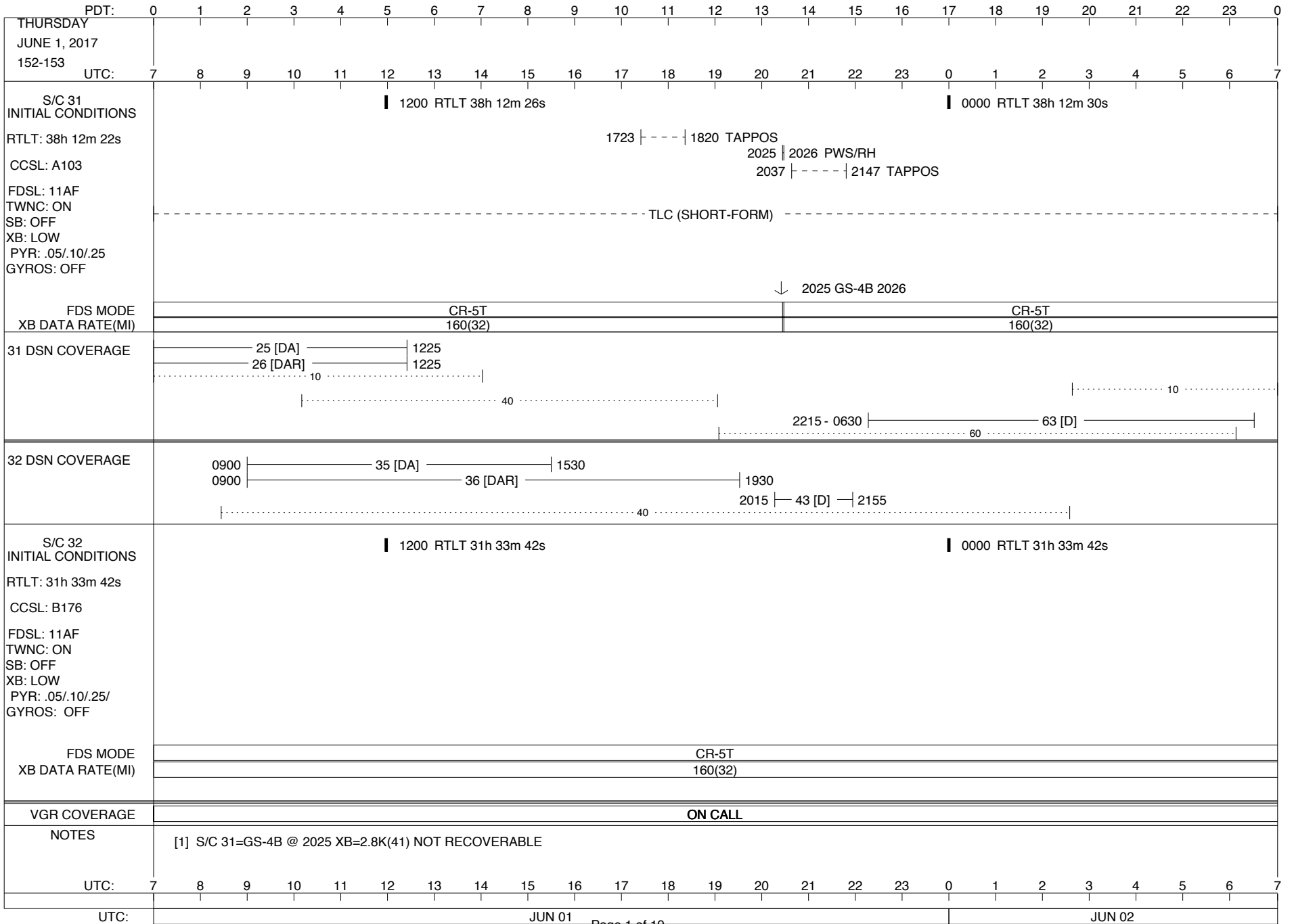
DSN OPSCHIEF	230-102	SCIENCE	FLIGHT TEAM	600-100
DSOT	230-102	CRS bryant@mail630.gsfc.nasa.gov LECP r.decker@jhuapl.edu MAG u2mha@lepvax.gsfc.nasa.gov PLS vgr@space.mit.edu PWS wsk@space.physics.uiowa.edu Leonard.F.Burlaga@nasa.gov Donald-Gurnett@uiowa.edu	Dodd, S. Hall, J. Howard, S. Ko, A. Ledeboer, W. Ludwig, R. Matsumoto, S. Medina, E. Peralta, F. Weeks, T. Yang, L.	

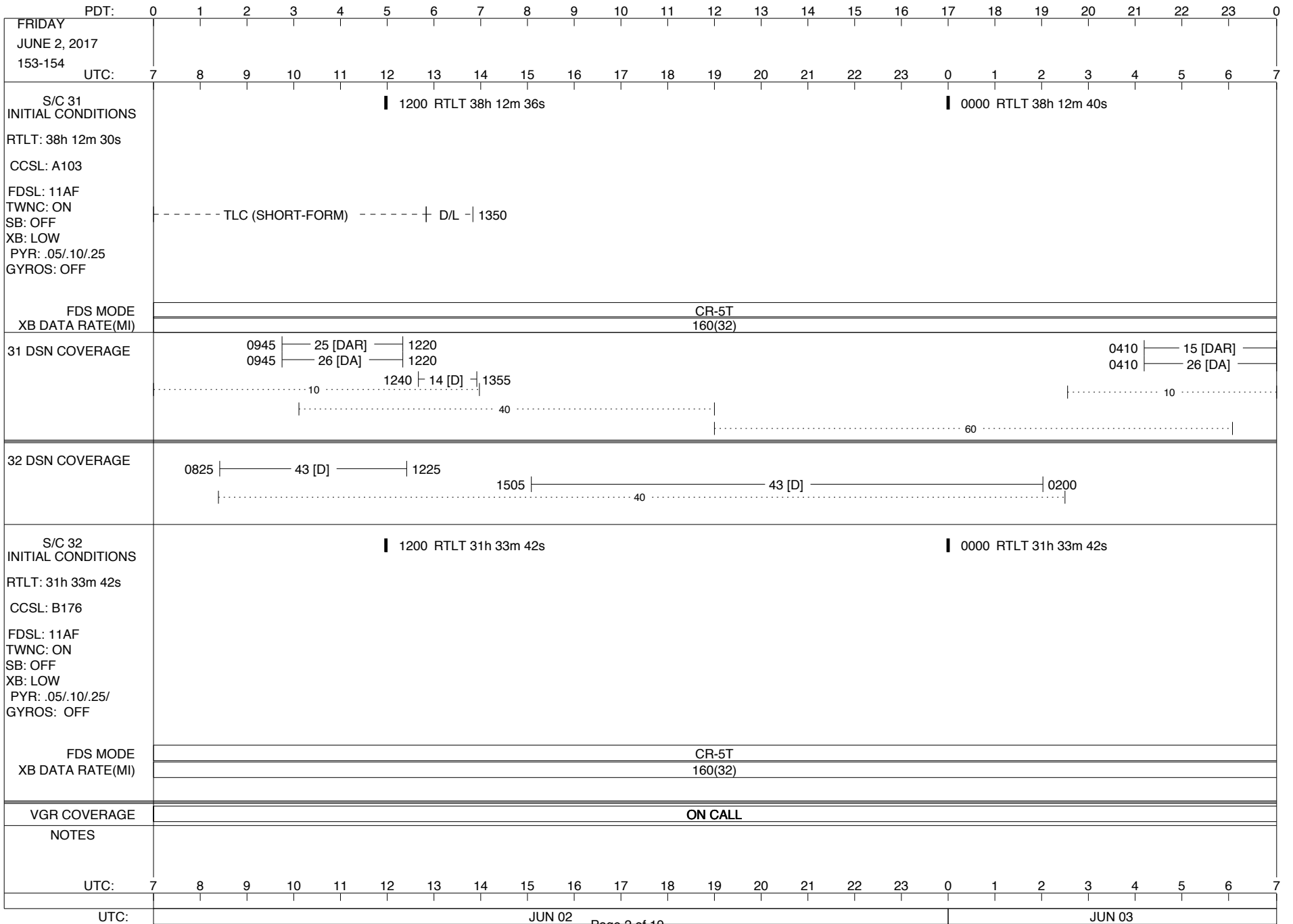
**LEGEND:**

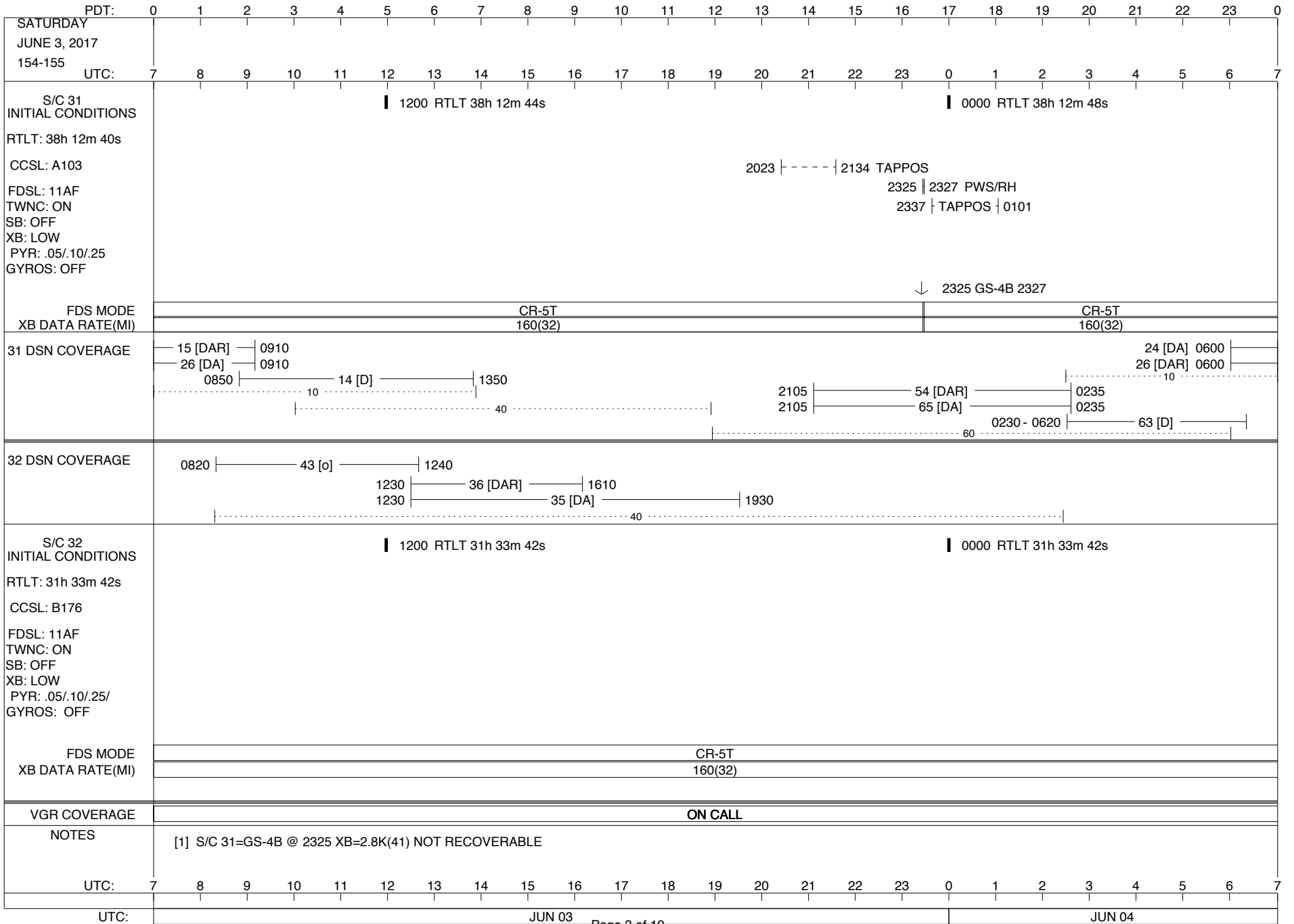
- ∇ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- \* = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U = Uplink only pass
- [o] = Ramp-through

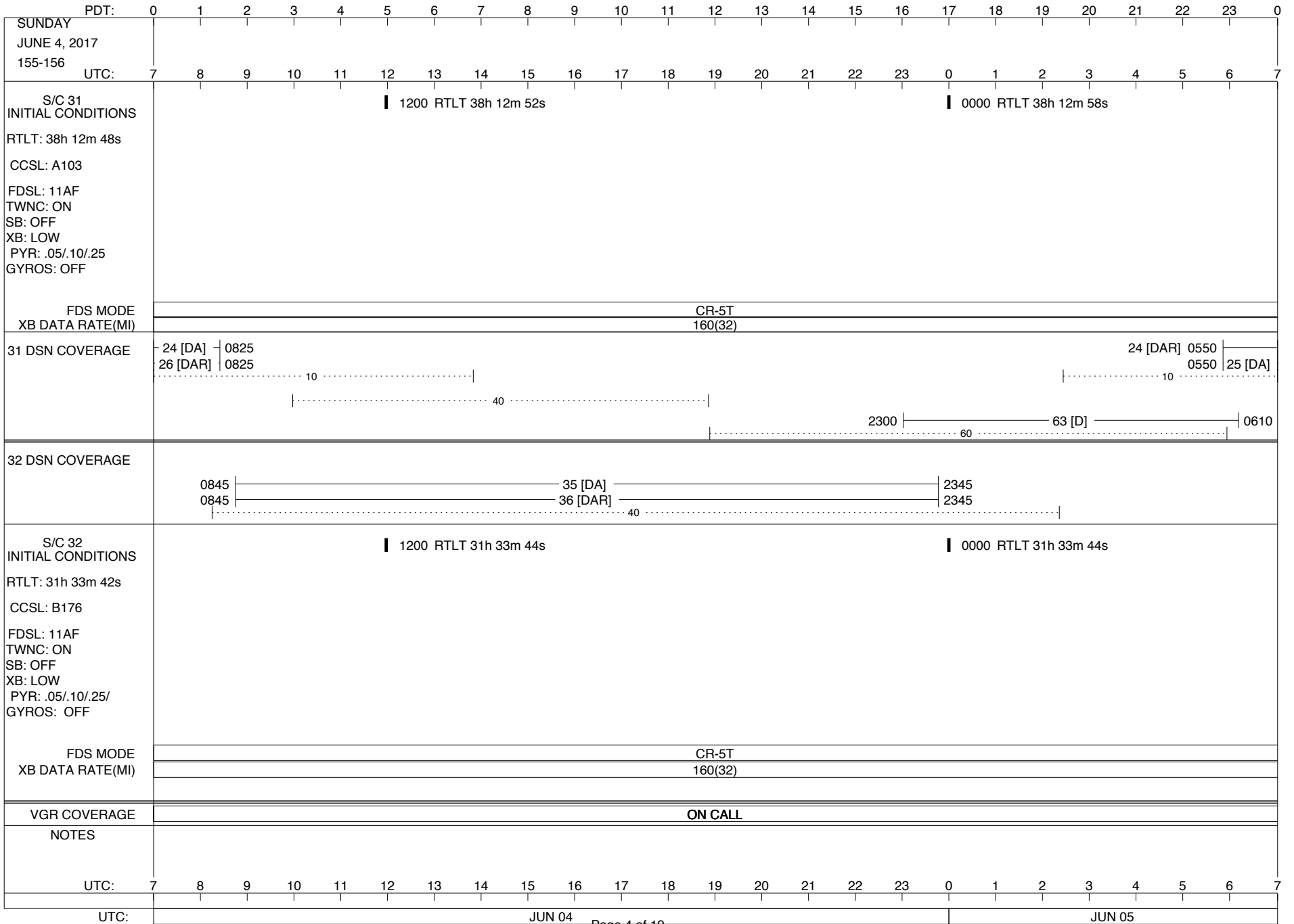
Posted at [http://voyager.jpl.nasa.gov/mission/soesfos/tracking\\_schedule.html](http://voyager.jpl.nasa.gov/mission/soesfos/tracking_schedule.html)

02/27/17

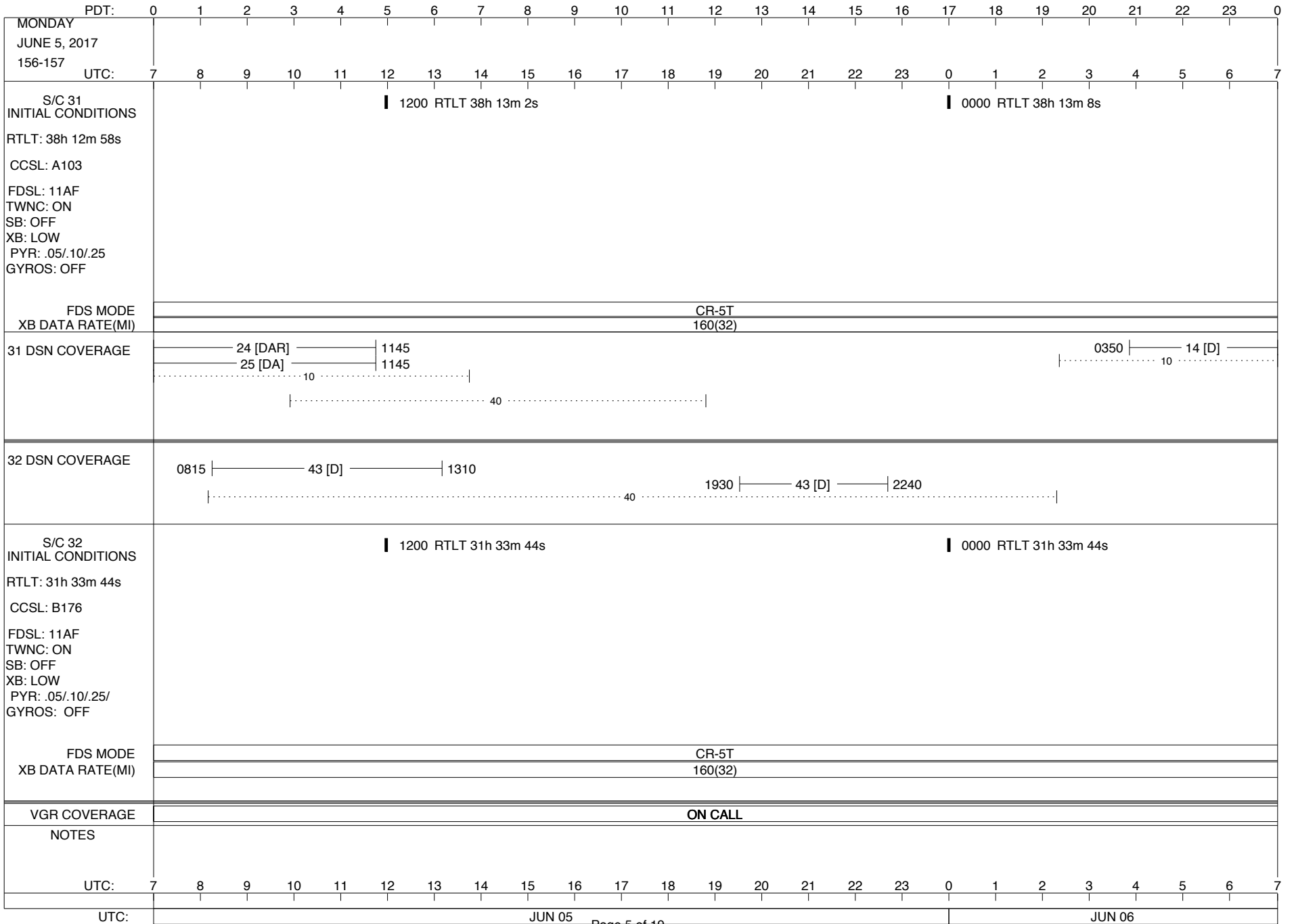








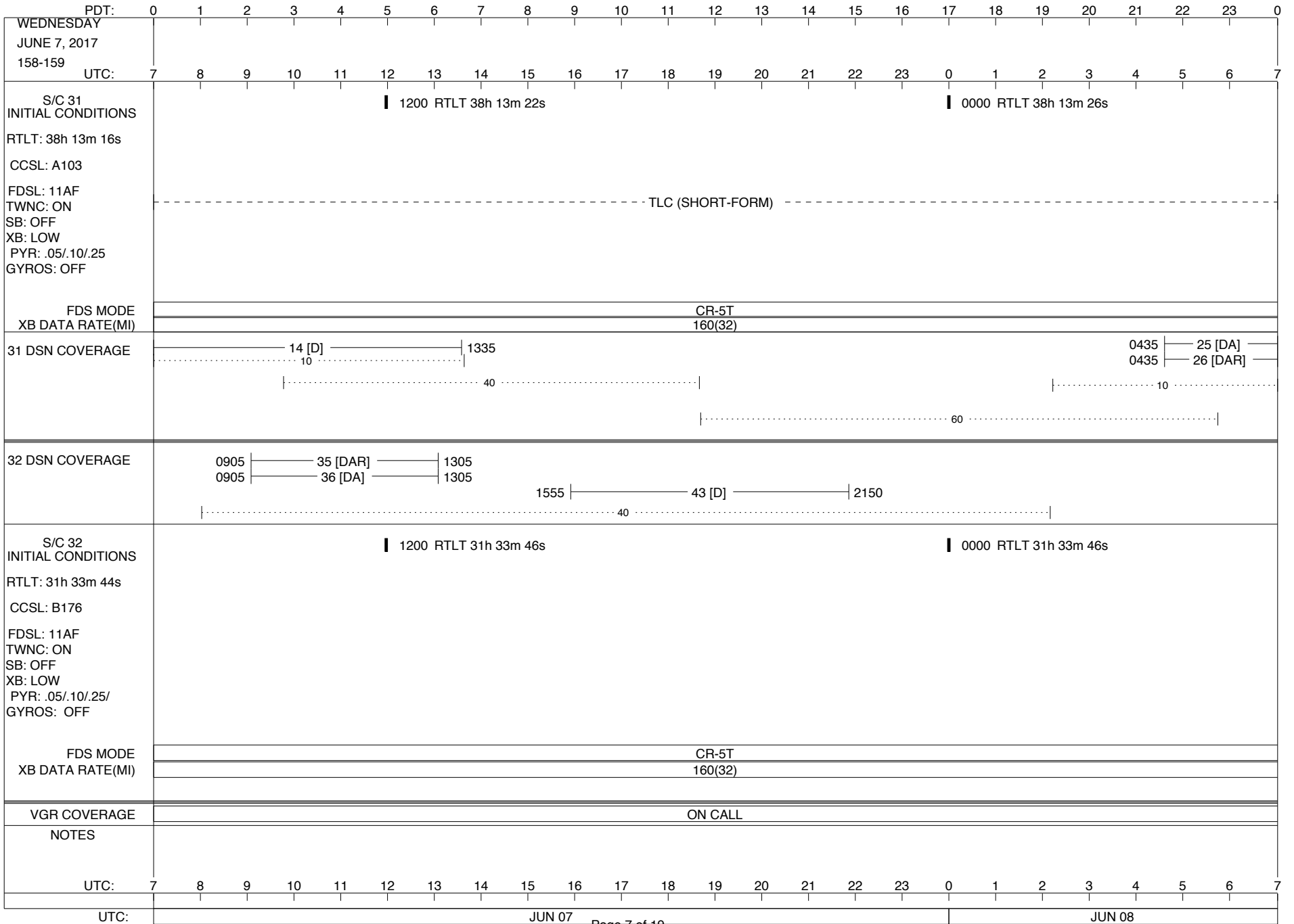
ISSUE DATE: 06/06/17 13:49



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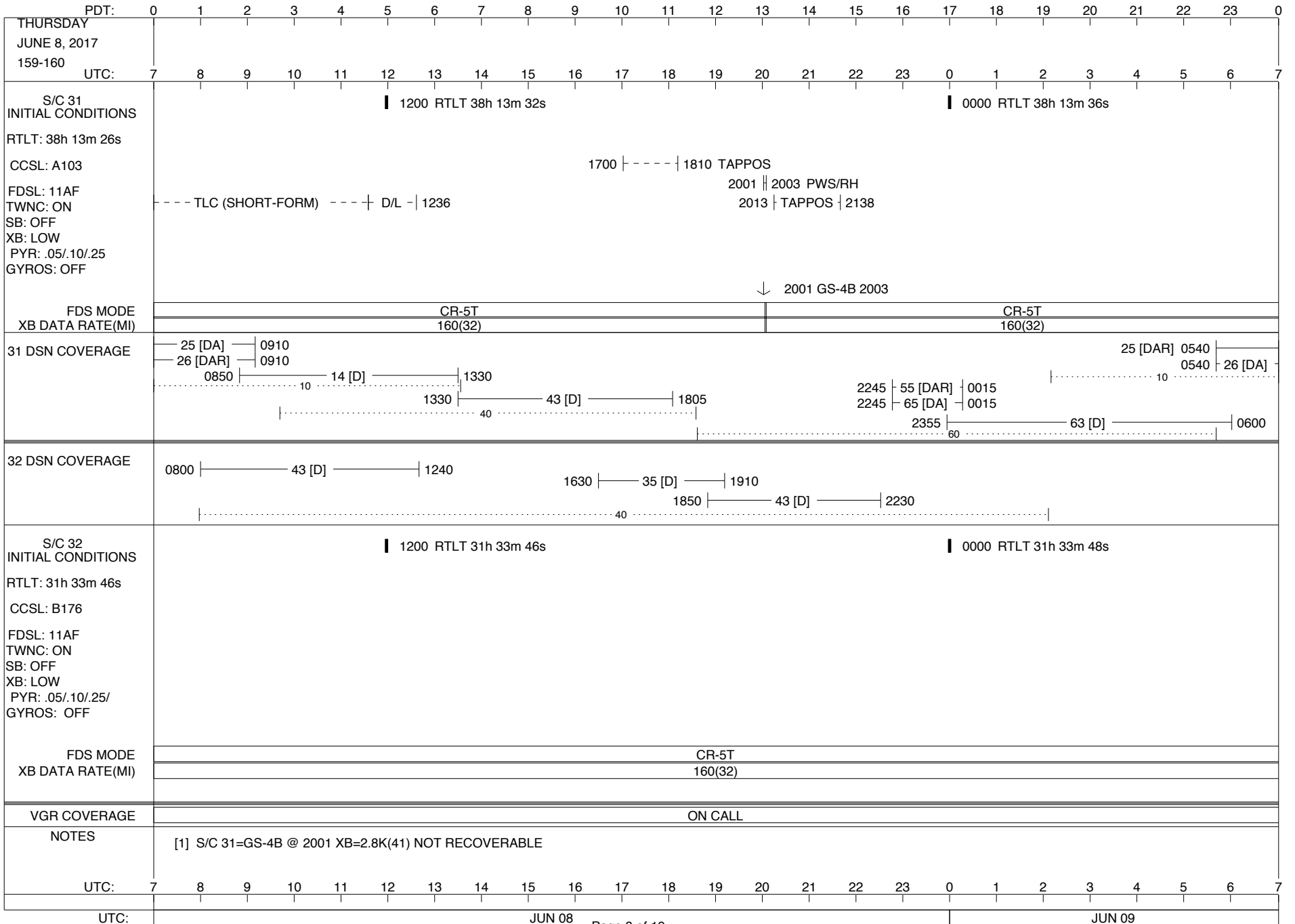
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UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLTL: 38h 13m 8s CCSL: A103 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 38h 13m 12s												0000 RTLTL 38h 13m 16s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	14 [D]   1305												0345   14 [D]															
	10												10															
	40												1955   63 [T]   2355															
													0025   55 [DA]   0405															
													0025   54 [DAR]   0405															
													60															
32 DSN COVERAGE	0810   43 [B]   1610																											
	40																											
S/C 32 INITIAL CONDITIONS RTLTL: 31h 33m 44s CCSL: B176 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 31h 33m 44s												0000 RTLTL 31h 33m 44s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
VGR COVERAGE	ON CALL				VGR				ON CALL				VGR				ON CALL											
NOTES	[1] S/C 31=GS-4B @ 1348 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			
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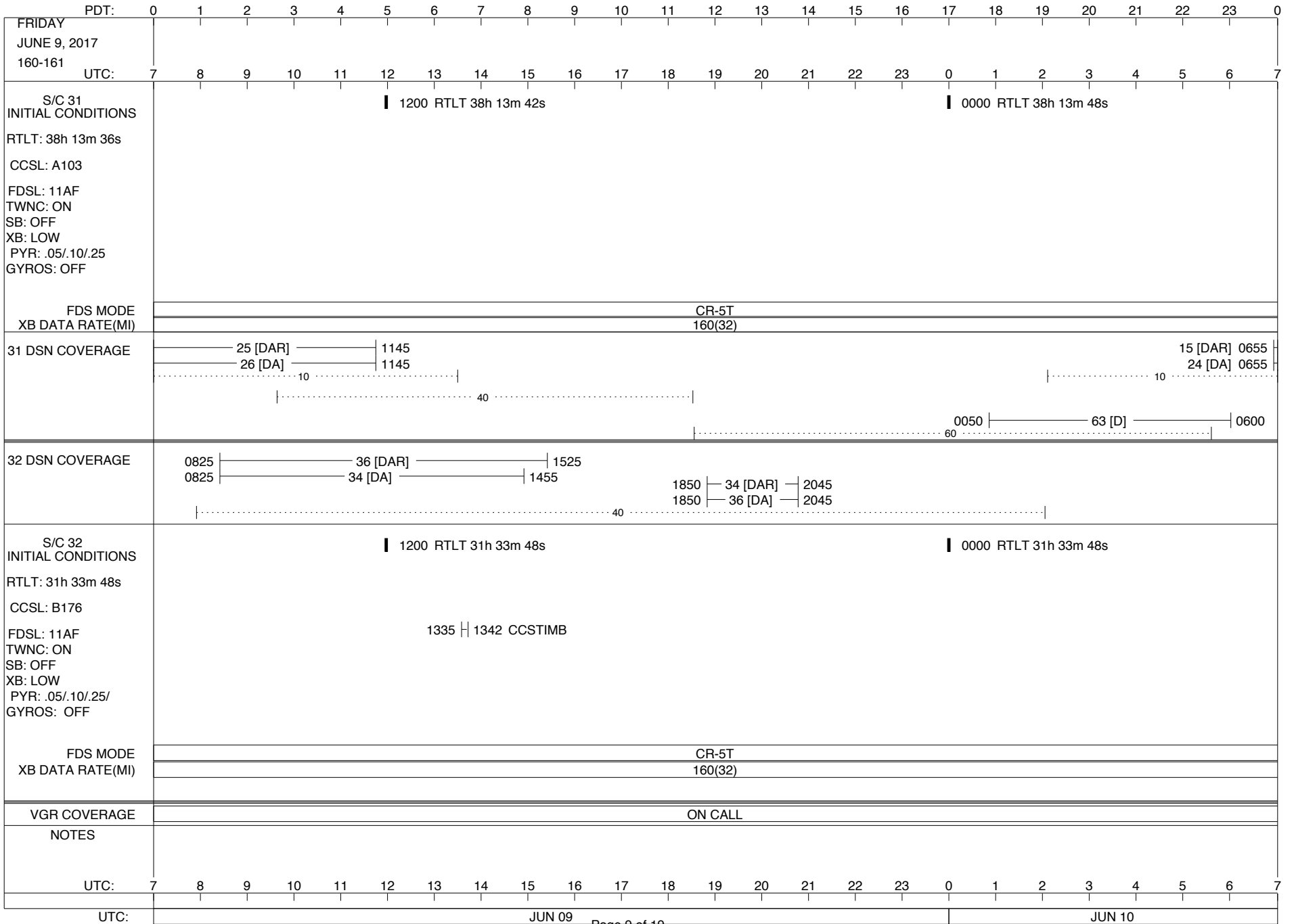
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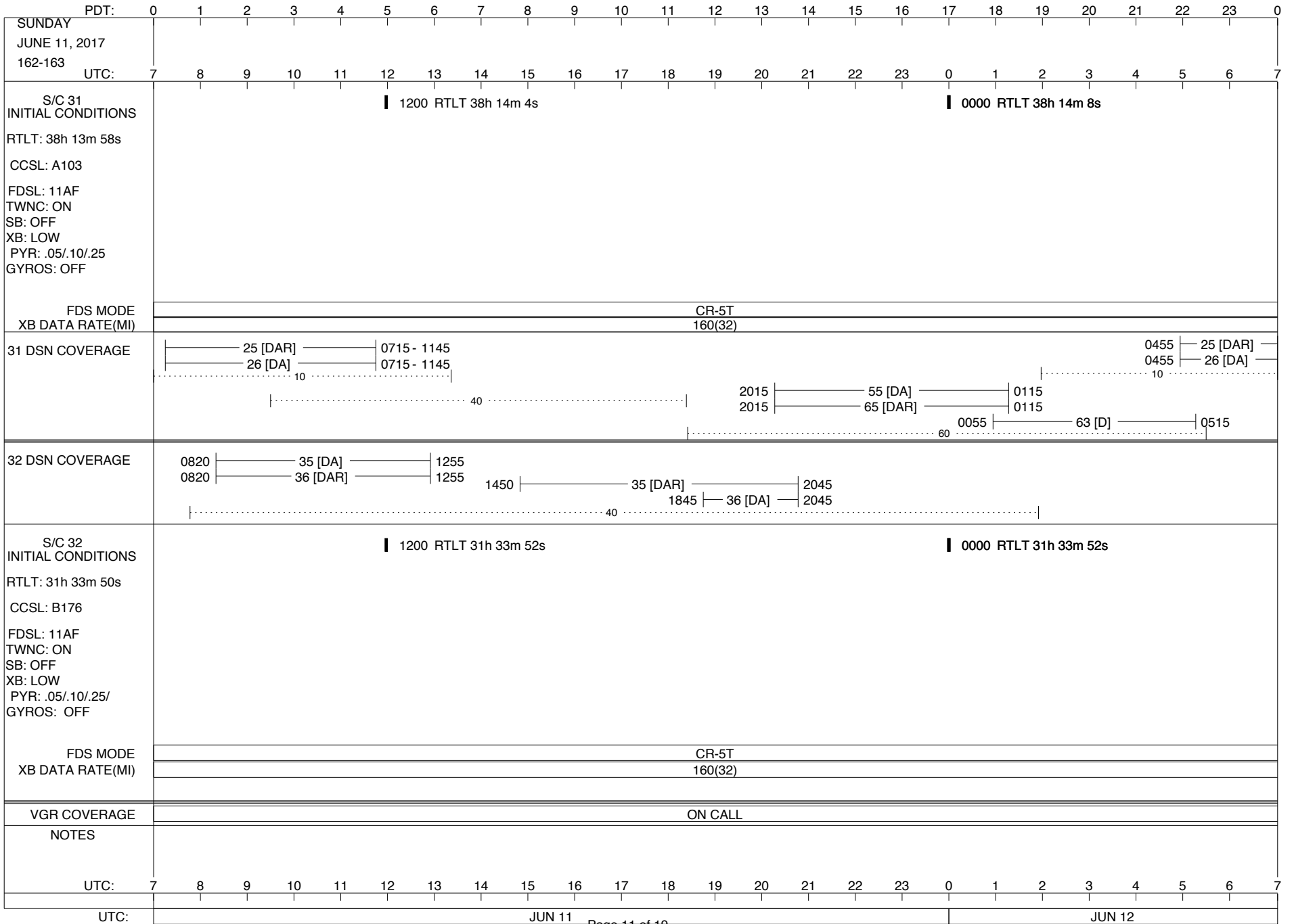


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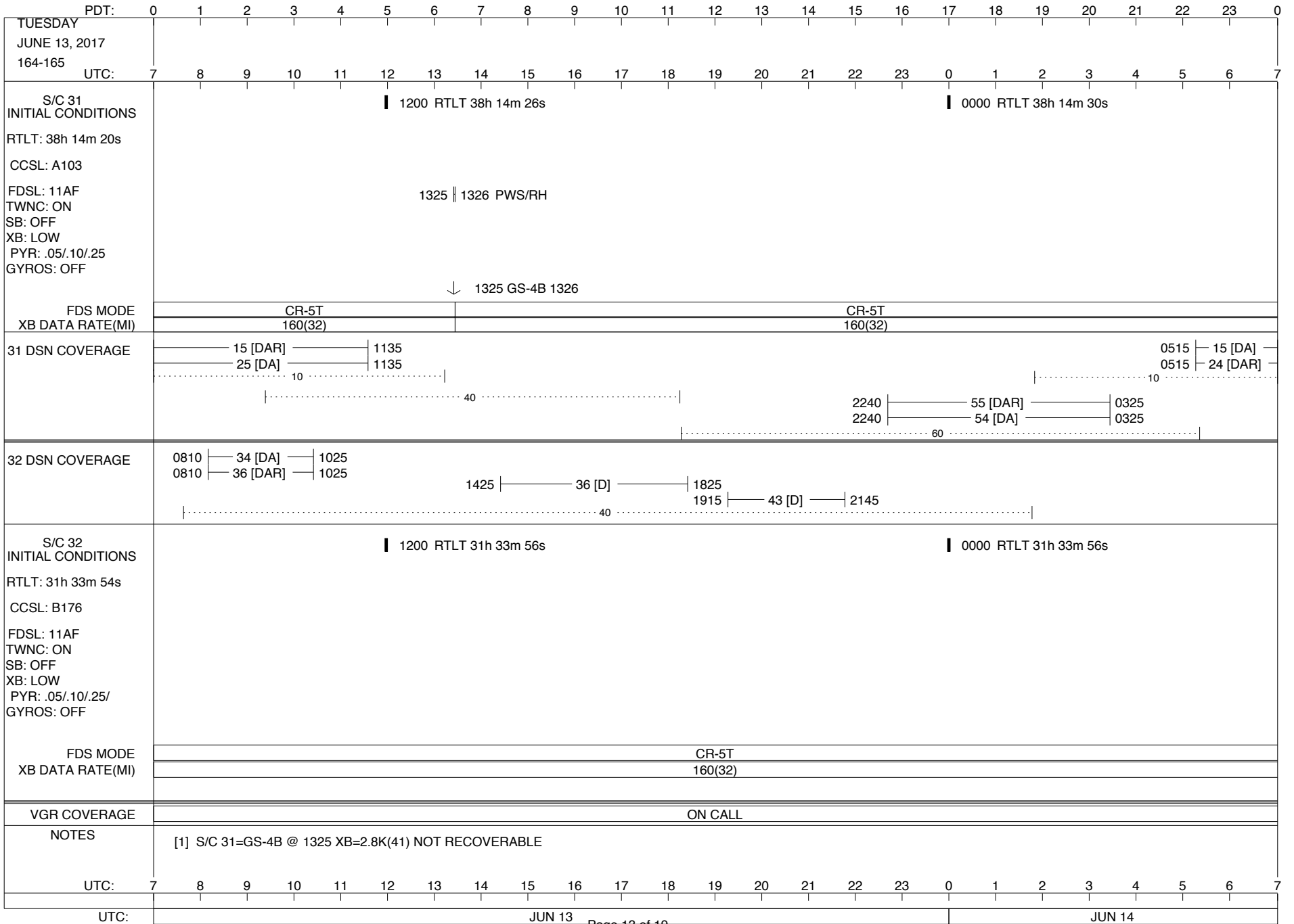


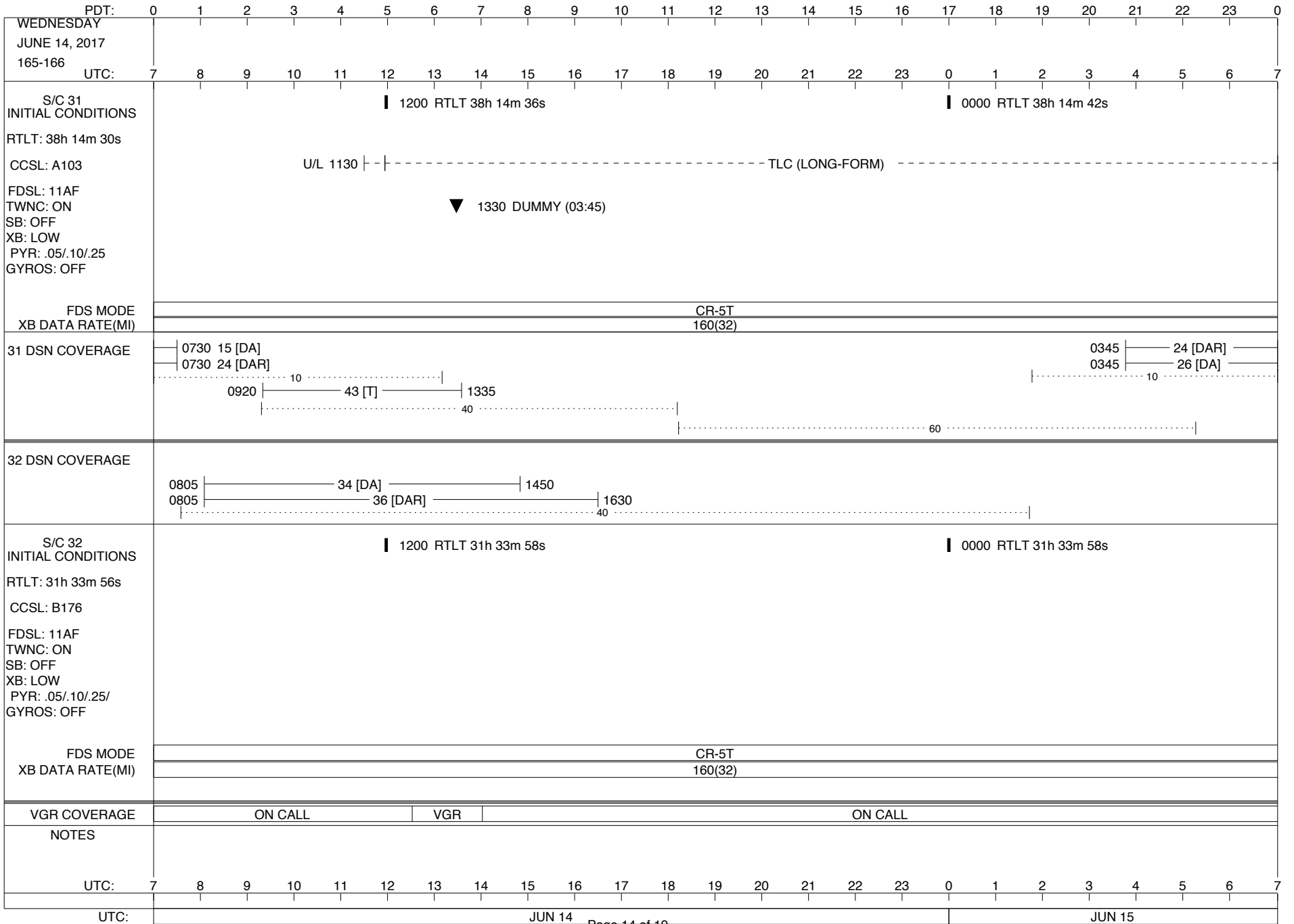


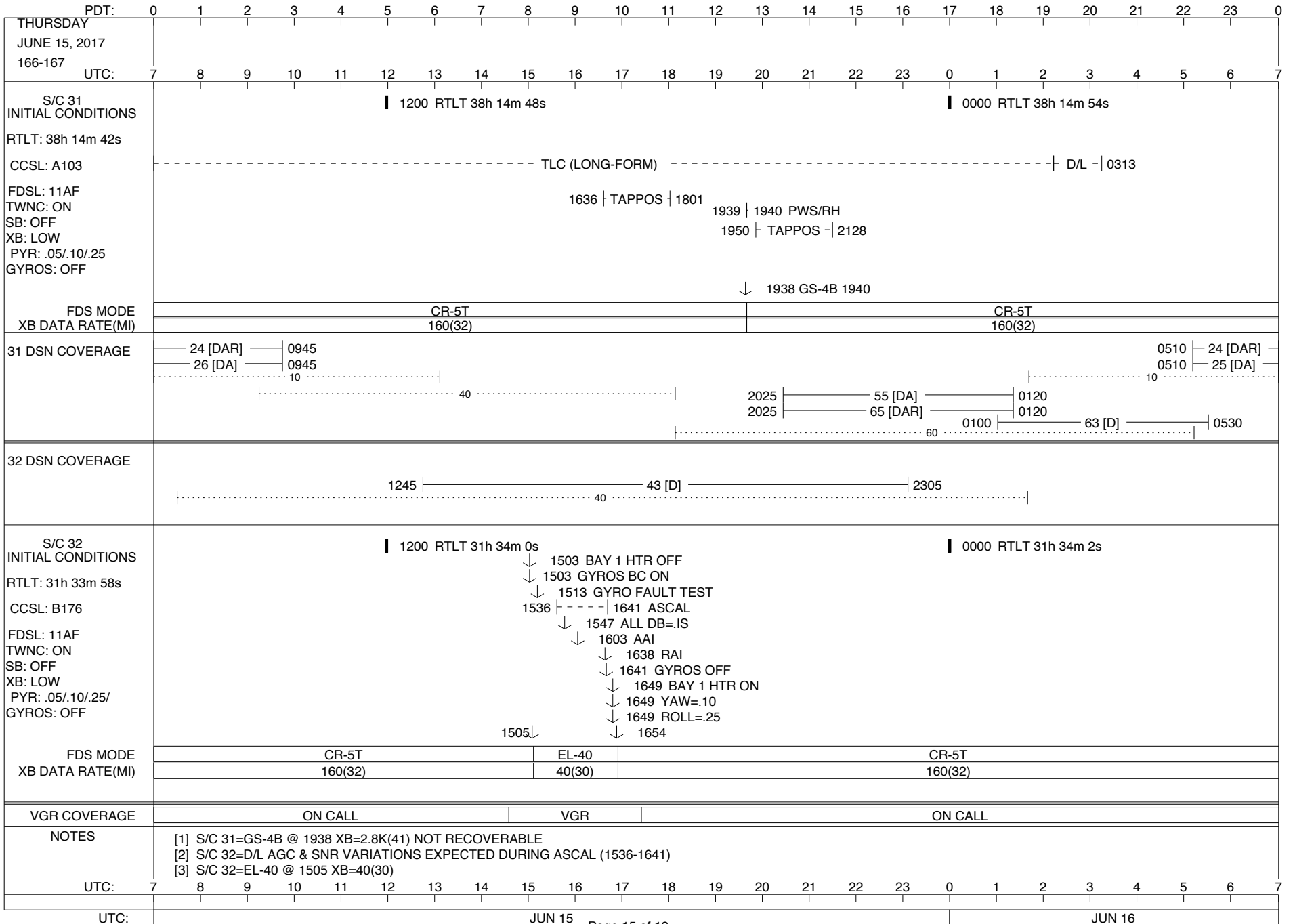
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SATURDAY JUNE 10, 2017 161-162	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 38h 13m 48s CCSL: A103 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 38h 13m 52s												0000 RTLTL 38h 13m 58s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	15 [DAR] ————— 1145 24 [DA] ————— 1145 ..... 10 ..... ..... 40 ..... ..... 60 .....												..... 10 ..... ..... 10 .....												
32 DSN COVERAGE	0820  ————— 34 [ARo] —————  1310 0820  ————— 36 [DA] —————  1310 ..... 1455  ————— 34 [D] —————  1850 ..... 40 .....												..... 40 .....												
S/C 32 INITIAL CONDITIONS RTLTL: 31h 33m 48s CCSL: B176 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 31h 33m 50s												0000 RTLTL 31h 33m 50s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 2301 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 10												JUN 11												



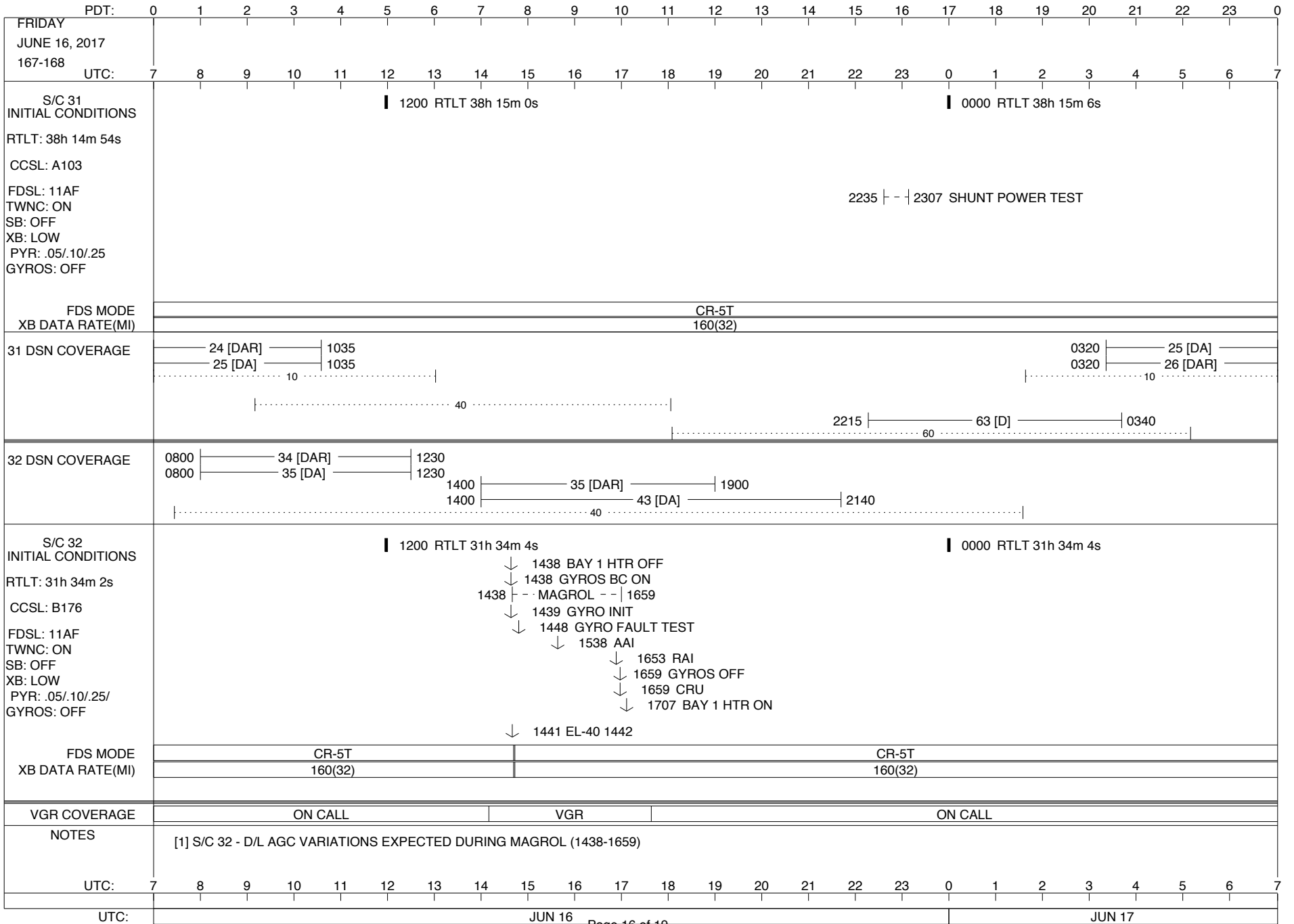
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MONDAY JUNE 12, 2017 163-164	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 38h 14m 8s CCSL: A103 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 38h 14m 14s												0000 RTLT 38h 14m 20s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	25 [DAR] 1140 26 [DA] 1140 10 40 2030 54 [DA] 0100 2030 65 [DAR] 0100 0045 63 [D] 0425 60												0405 15 [DAR] 0405 25 [DA] 10												
32 DSN COVERAGE	0745 43 [o1] 2140 40																								
S/C 32 INITIAL CONDITIONS RTLTL: 31h 33m 52s CCSL: B176 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 31h 33m 54s												0000 RTLT 31h 33m 54s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	ON CALL												VGR						ON CALL						
NOTES	[1] S/C 32 DSS-35 SHADOW TRACK 163/07:00-13:05, OUTPUTS DISABLED																								
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 12												Page 12 of 19						JUN 13						

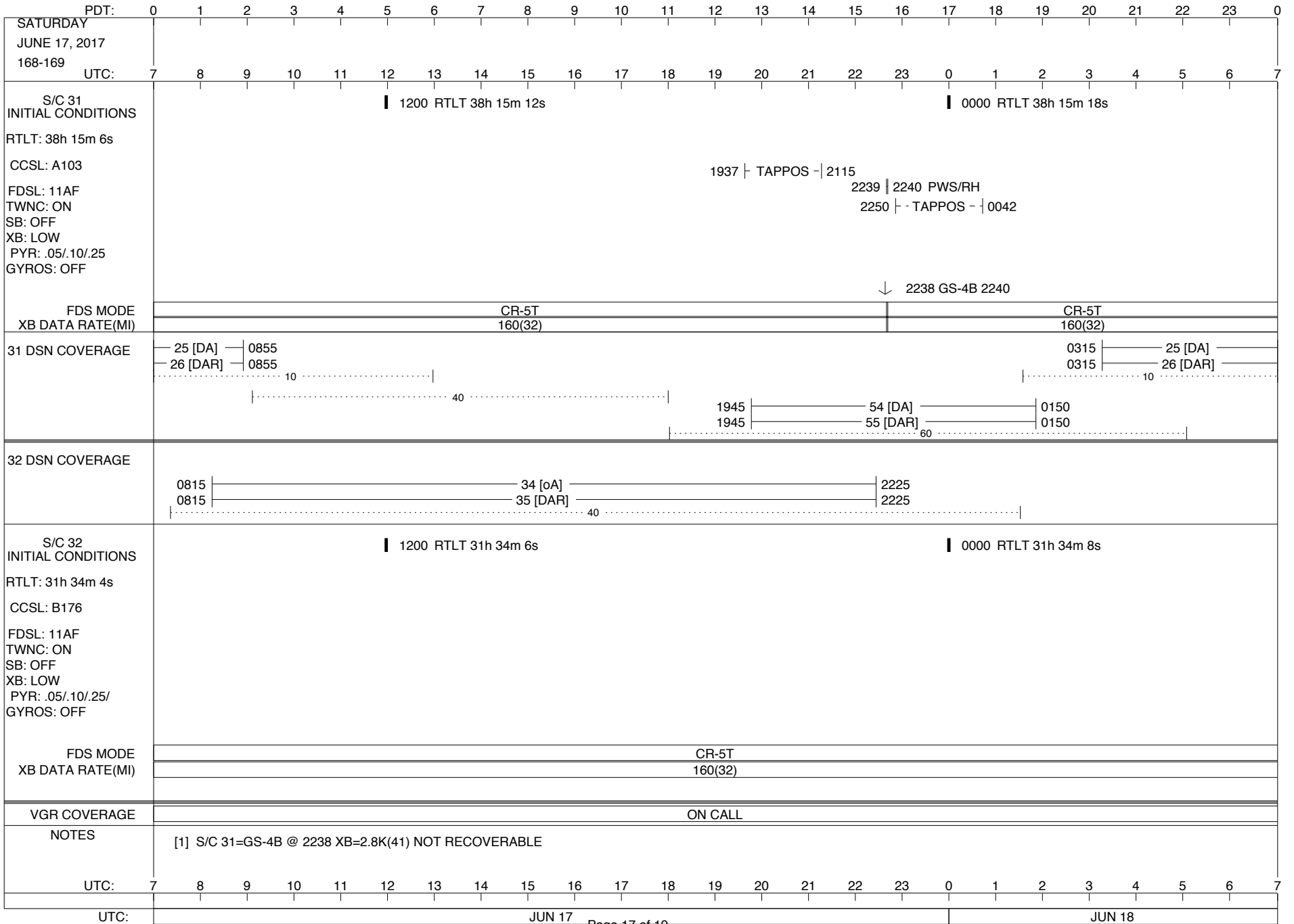


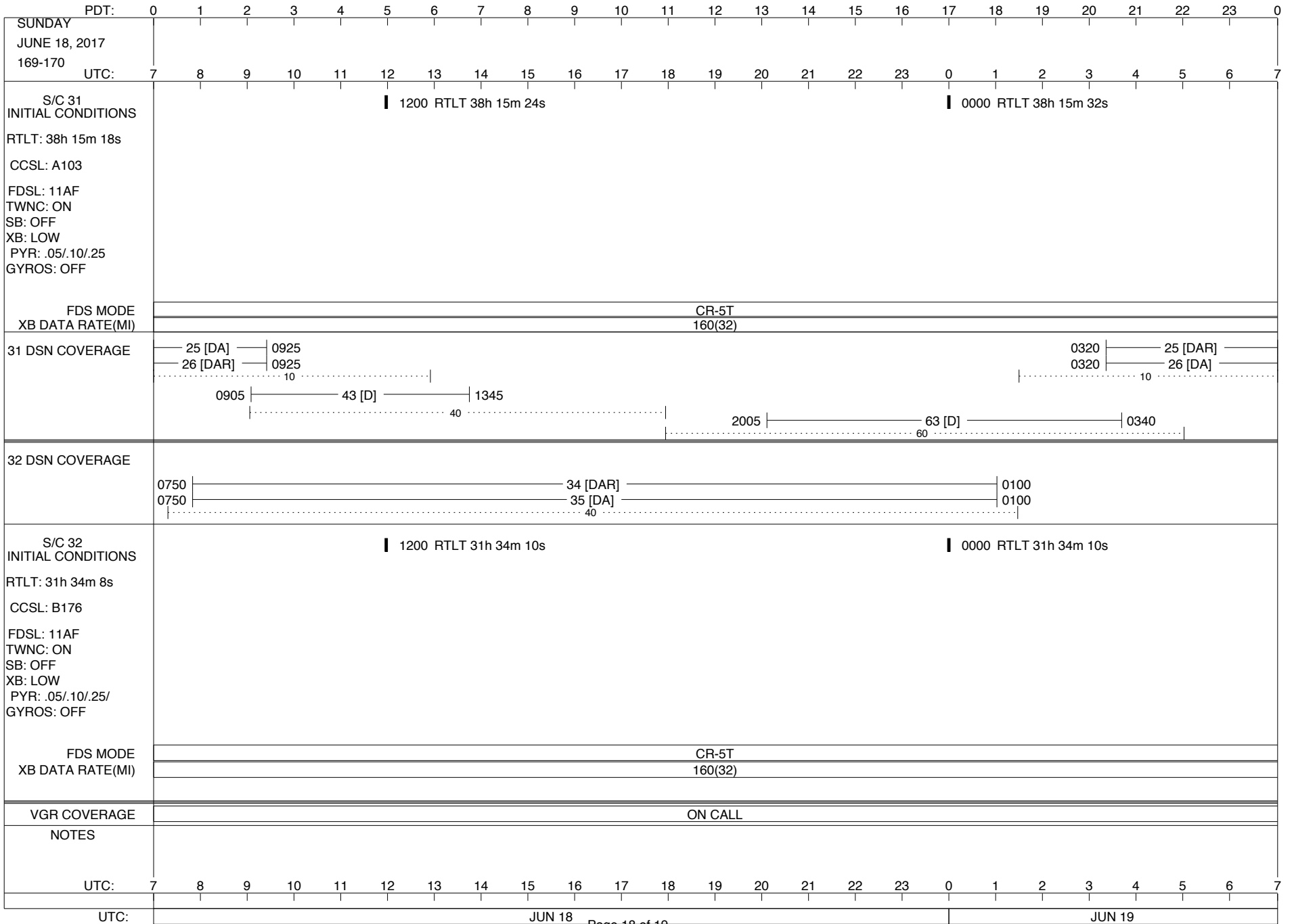












PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0																				
MONDAY JUNE 19, 2017 170-171																																													
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7																				
S/C 31 INITIAL CONDITIONS RTLT: 38h 15m 32s CCSL: A103 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 38h 15m 38s																																												
FDS MODE														CR-5T																															
XB DATA RATE(MI)														160(32)																															
31 DSN COVERAGE	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; border-right: 1px solid black;">0815 25 [DAR]</td> <td style="width: 10%;"></td> <td style="width: 15%; border-right: 1px solid black;">0815</td> <td style="width: 10%;"></td> <td style="width: 15%; border-right: 1px solid black;">10</td> <td style="width: 10%;"></td> <td style="width: 15%; border-right: 1px solid black;">40</td> <td style="width: 10%;"></td> <td style="width: 15%;"></td> </tr> <tr> <td style="border-right: 1px solid black;">26 [DA]</td> <td></td> <td style="border-right: 1px solid black;">0815</td> <td></td> <td style="border-right: 1px solid black;">10</td> <td></td> <td style="border-right: 1px solid black;">40</td> <td></td> <td></td> </tr> </table>																											0815 25 [DAR]		0815		10		40			26 [DA]		0815		10		40		
0815 25 [DAR]		0815		10		40																																							
26 [DA]		0815		10		40																																							
32 DSN COVERAGE	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; border-right: 1px solid black;">0805</td> <td style="width: 10%;"></td> <td style="width: 15%; border-right: 1px solid black;">34 [DA]</td> <td style="width: 10%;"></td> <td style="width: 15%; border-right: 1px solid black;">2145</td> <td style="width: 10%;"></td> <td style="width: 15%;"></td> </tr> <tr> <td style="border-right: 1px solid black;">0805</td> <td></td> <td style="border-right: 1px solid black;">35 [DAR]</td> <td></td> <td style="border-right: 1px solid black;">2145</td> <td></td> <td></td> </tr> </table>																											0805		34 [DA]		2145			0805		35 [DAR]		2145						
0805		34 [DA]		2145																																									
0805		35 [DAR]		2145																																									
S/C 32 INITIAL CONDITIONS RTLT: 31h 34m 10s CCSL: B176 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 31h 34m 12s																																												
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 19													JUN 20																															