

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: August 30, 2017

For the Period: 08/31/17 to 09/18/17 (17/243 – 17/262)

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

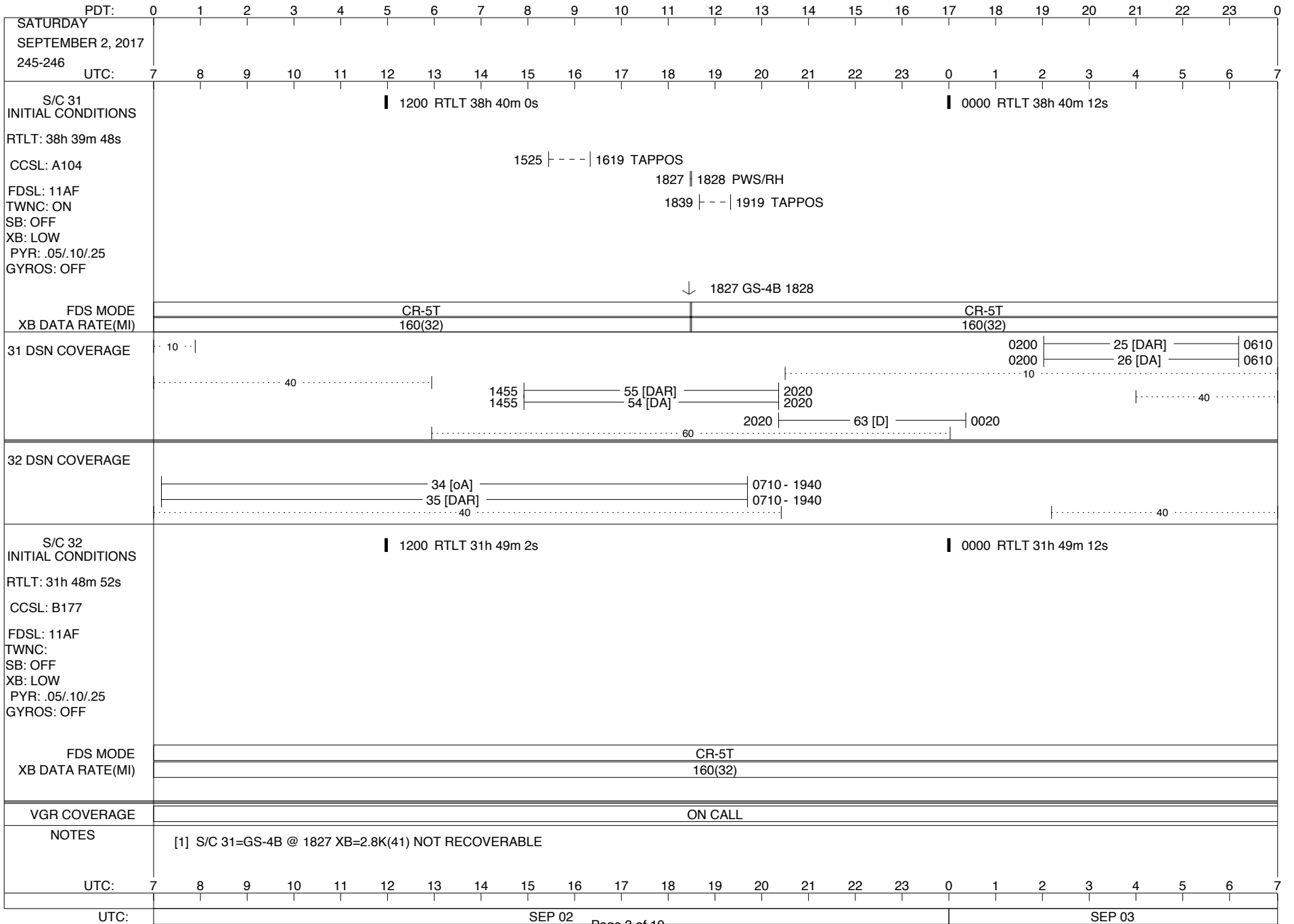
02/27/17

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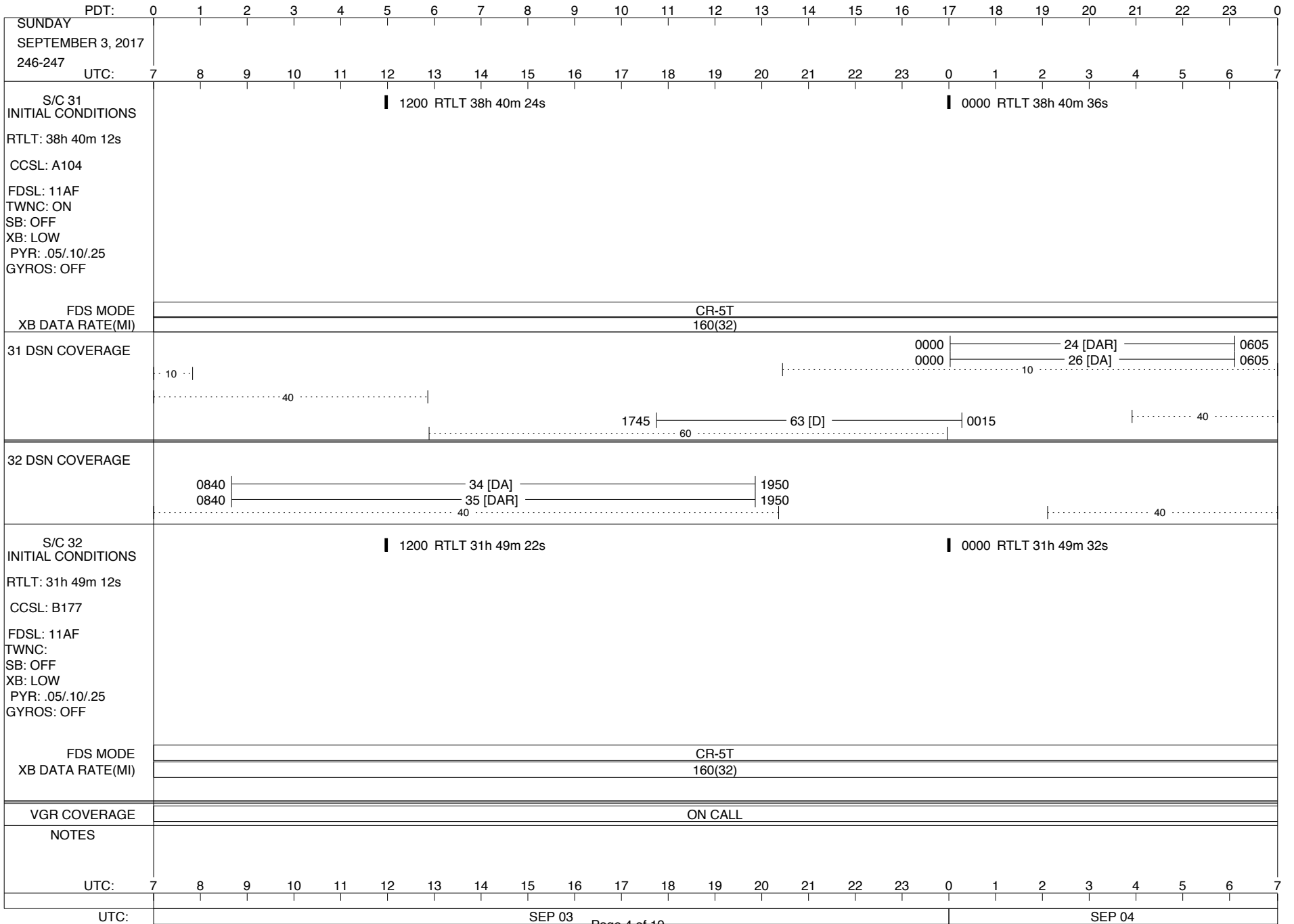
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THURSDAY AUGUST 31, 2017 243-244																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 38h 39m 0s CCSL: A104 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 38h 39m 12s												0000 RTLT 38h 39m 24s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	10												10												
	40												40												
	1800												63 [D]												
	60												0030												
	40												40												
32 DSN COVERAGE	0915												1715												
	40 [B]												40												
S/C 32 INITIAL CONDITIONS RTLT: 31h 48m 14s CCSL: B177 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 31h 48m 24s												0000 RTLT 31h 48m 34s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1526 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:	AUG 31												SEP 01												

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 SEPTEMBER 1, 2017 244-245																											
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 39m 24s CCSL: A104 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF																											
FDS MODE													CR-5T														
XB DATA RATE(MI)													160(32)														
31 DSN COVERAGE	10 ----- 0830 ----- 34 [DA] ----- 1100 0830 ----- 35 [DAR] ----- 1100 40 -----												----- 10 ----- ----- 40 ----- 1755 ----- 63 [D] ----- 0025 60 -----														
32 DSN COVERAGE	1145 ----- 35 [D] ----- 1315 1255 ----- 43 [D] ----- 2000 40 -----												----- 40 -----														
S/C 32 INITIAL CONDITIONS RTLTL: 31h 48m 34s CCSL: B177 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF																											
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:	SEP 01														SEP 02												

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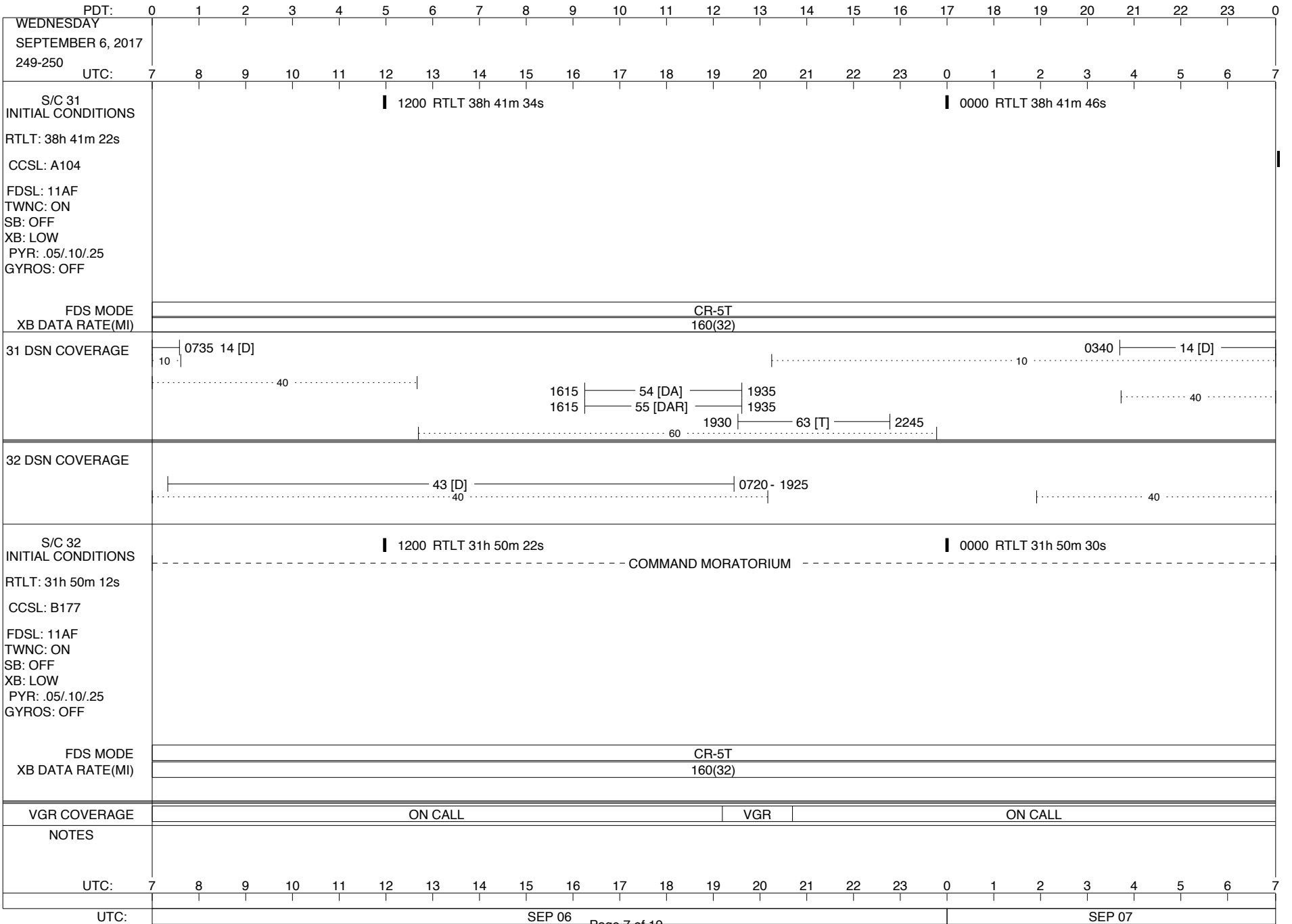


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MONDAY SEPTEMBER 4, 2017 247-248																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 38h 40m 36s CCSL: A104 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF																									
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLTL: 31h 49m 32s CCSL: B177 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF																									
FDS MODE XB DATA RATE(MI)																									
VGR COVERAGE																									
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:																									

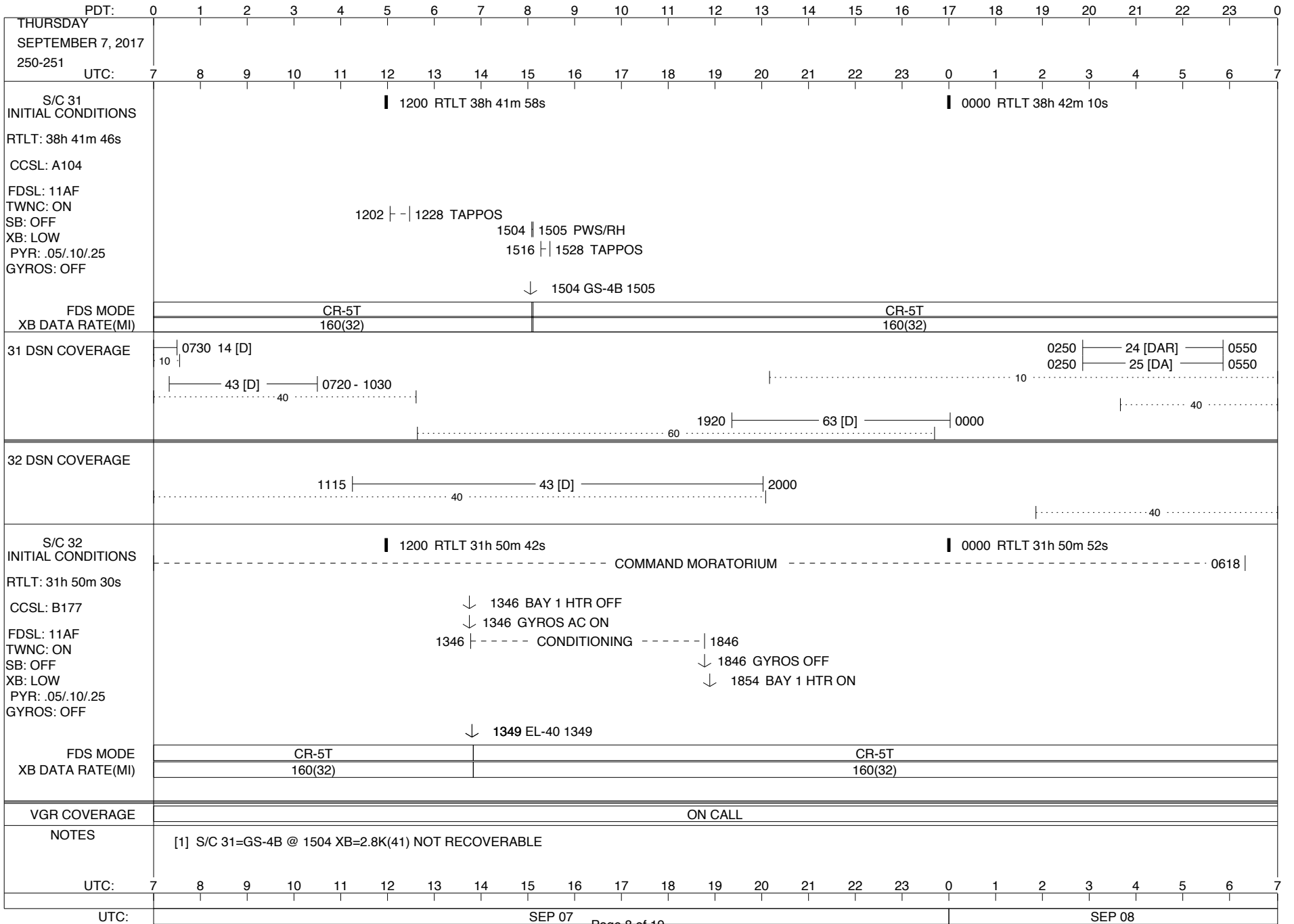
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TUESDAY SEPTEMBER 5, 2017 248-249																												
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLTL: 38h 41m 0s CCSL: A104 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 38h 41m 10s														0000 RTLT 38h 41m 22s													
	0850 0851 PWS/RH																											
	↓ 0850 GS-4B 0851																											
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
31 DSN COVERAGE	0735 14 [D]														0340 14 [D]													
	10 40														10 40													
	1445 63 [2]														2140													
	60																											
32 DSN COVERAGE	0925 43 [B]														1910													
	40														40													
S/C 32 INITIAL CONDITIONS RTLTL: 31h 49m 52s CCSL: B177 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 31h 50m 2s														0000 RTLT 31h 50m 12s COMMAND MORATORIUM 0626													
	▼ 1802 DUMMY (5 MIN BRACKETED 01:53)																											
FDS MODE															CR-5T													
XB DATA RATE(MI)															160(32)													
VGR COVERAGE	ON CALL														VGR ON CALL													
NOTES	[1] S/C 31=GS-4B @ 0850 XB=2.8K(41) NOT RECOVERABLE [2] "MESSAGE TO VOYAGER" U/L																											
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:	SEP 05														SEP 06													

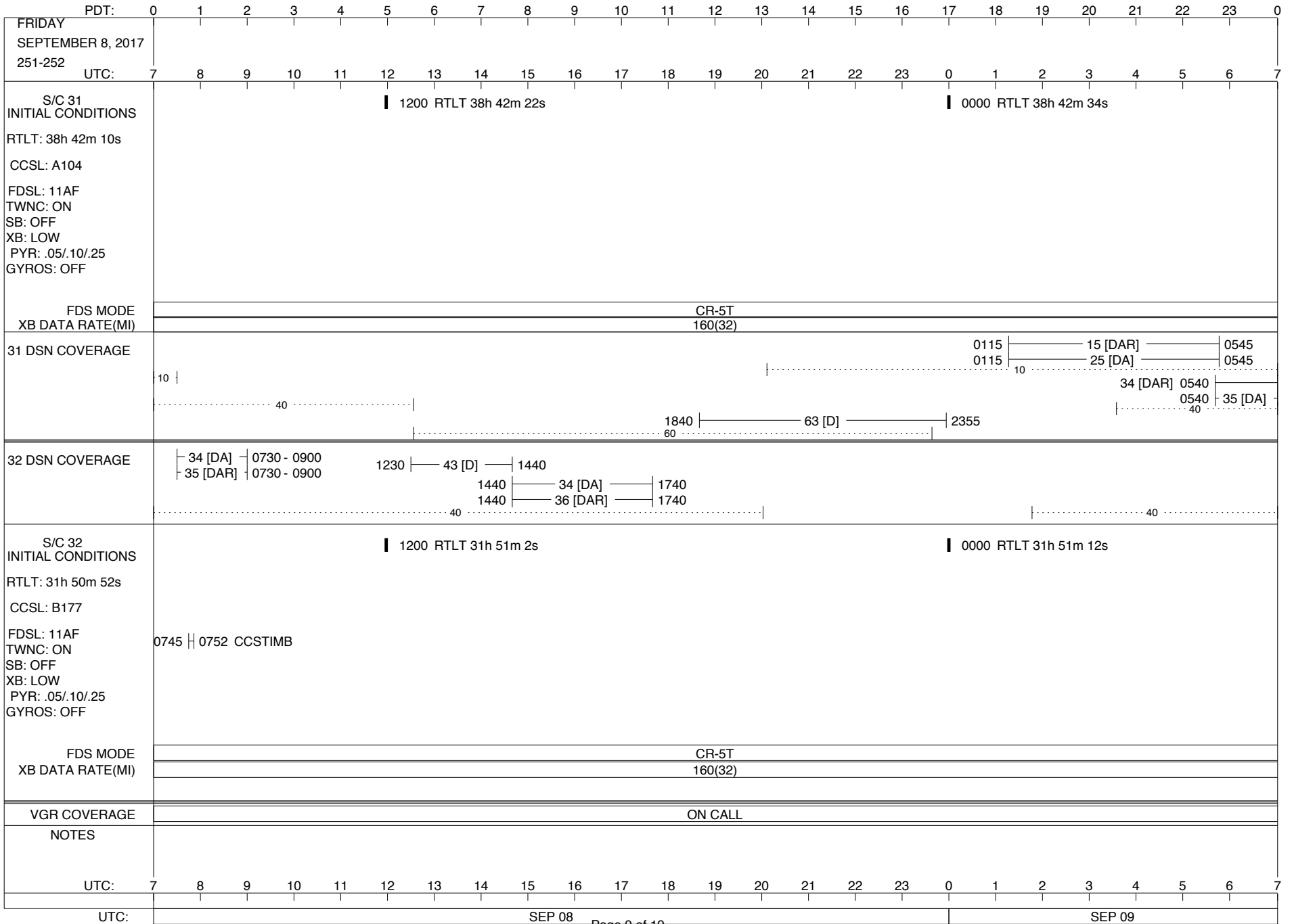
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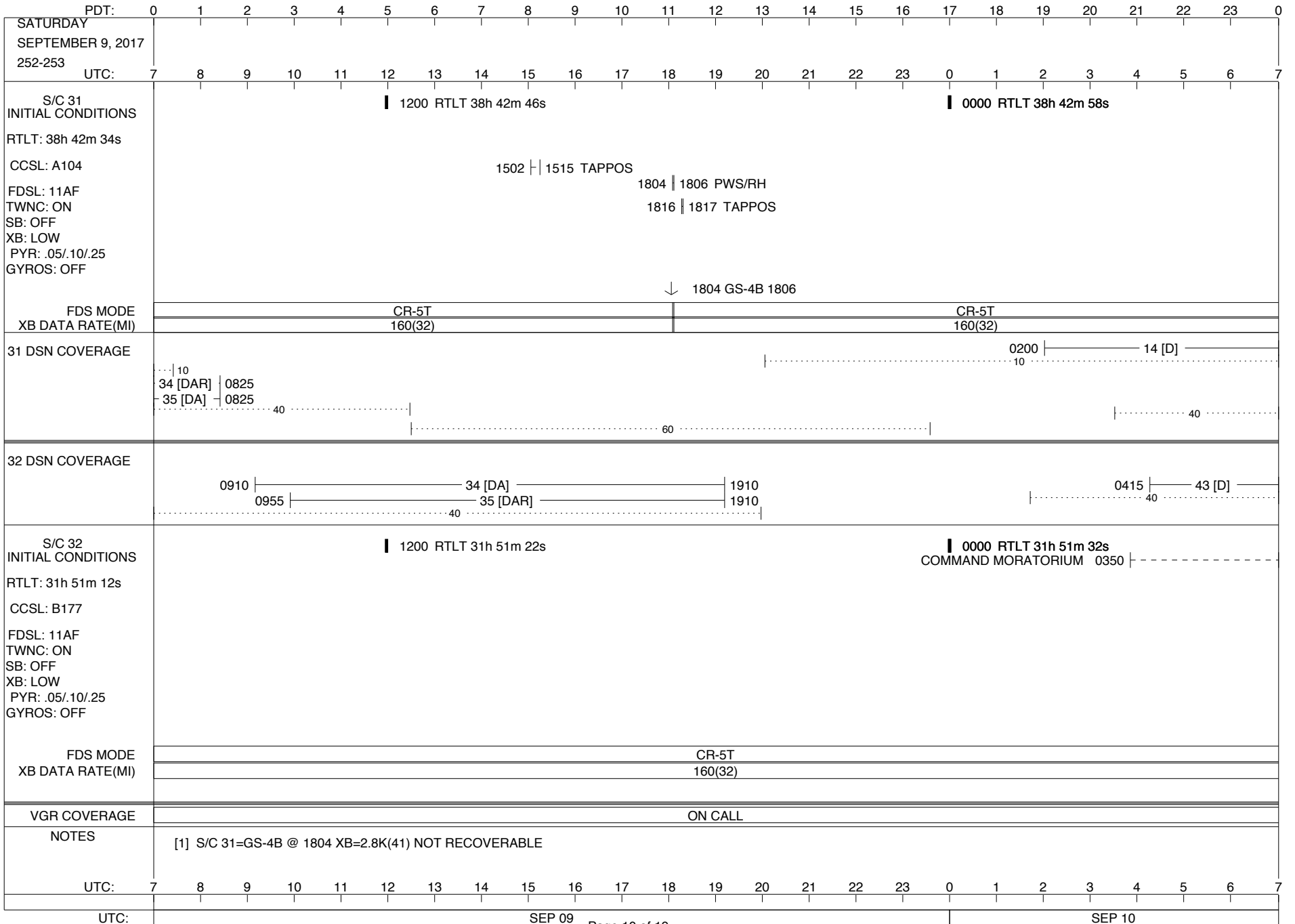
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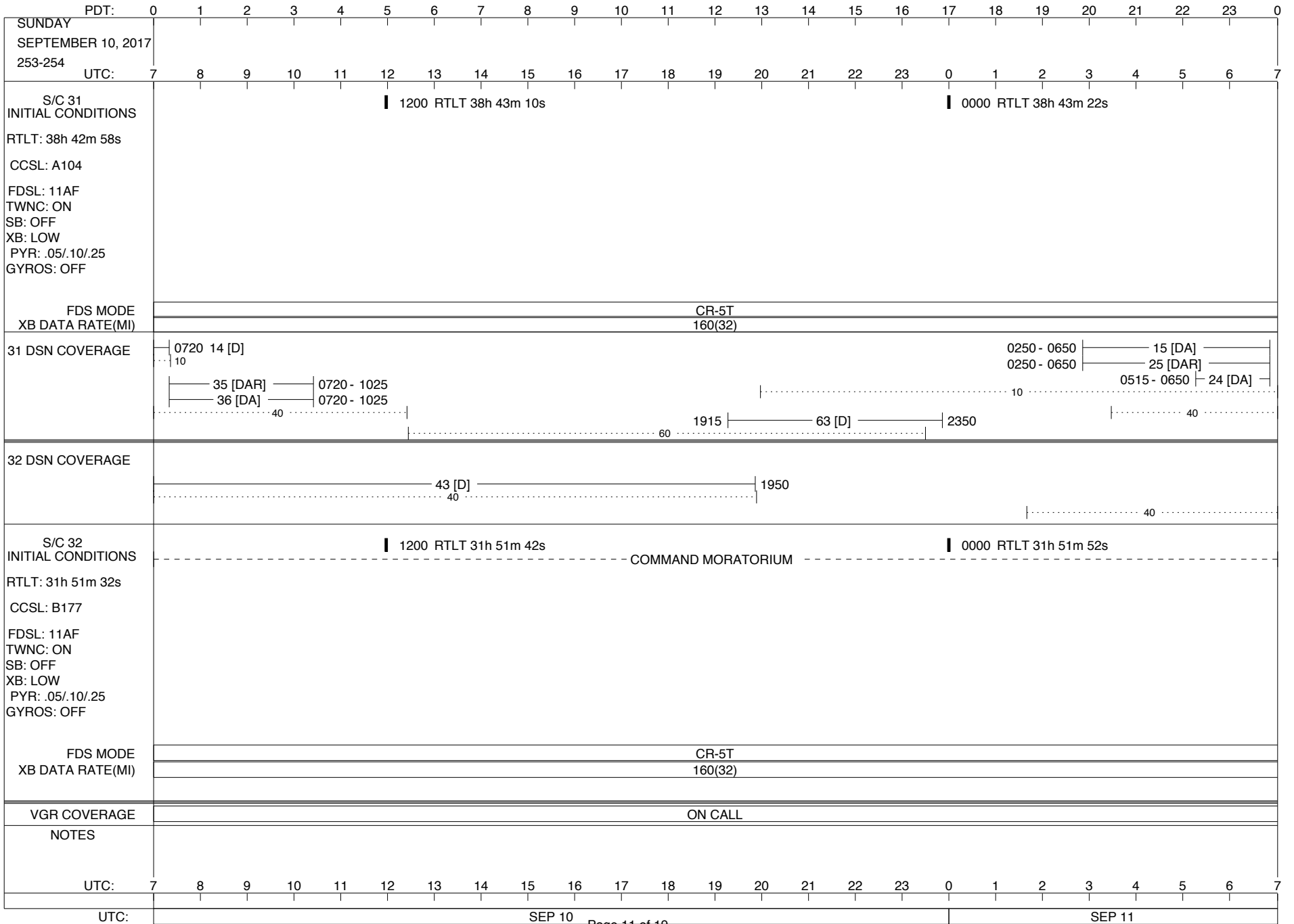


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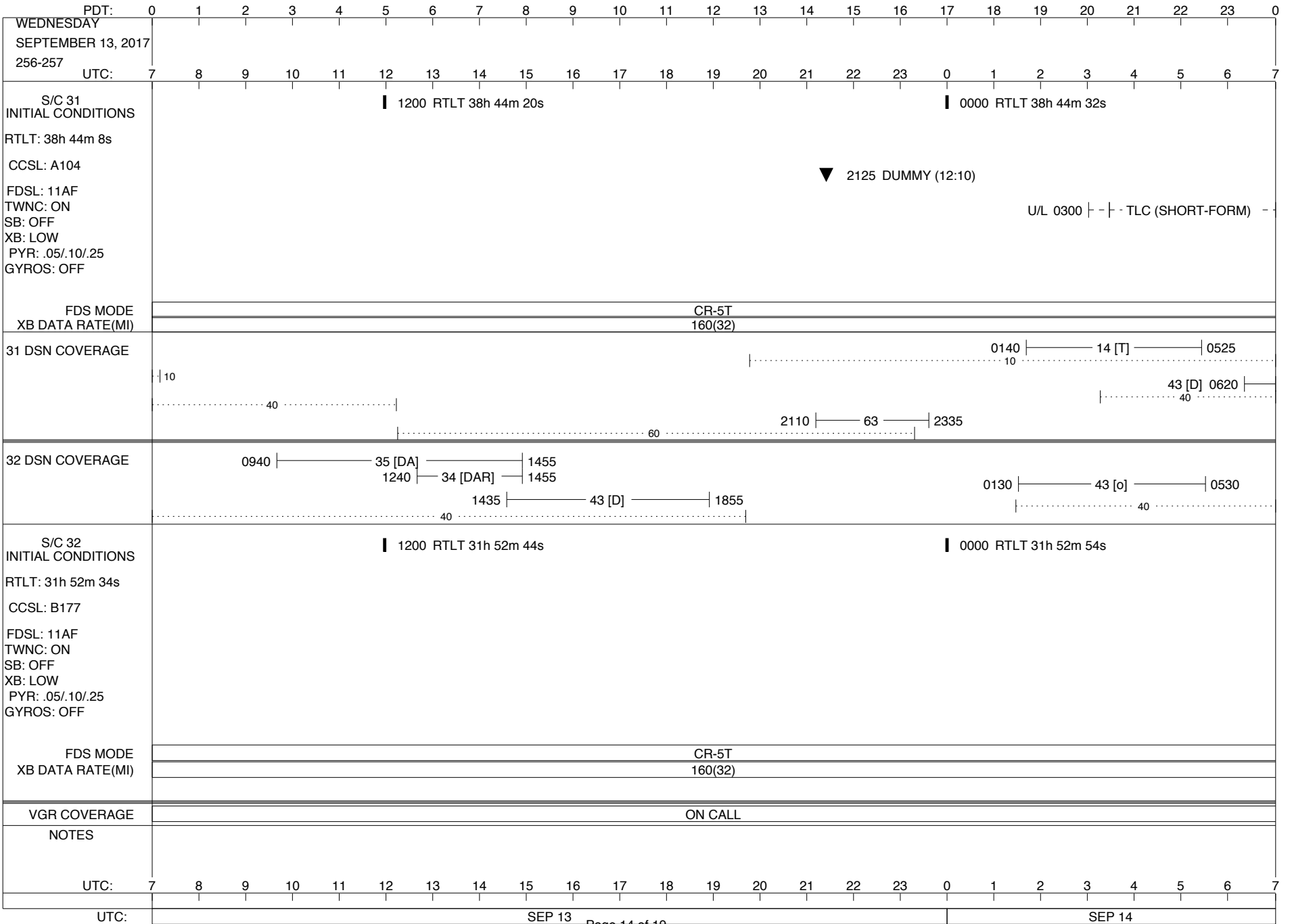
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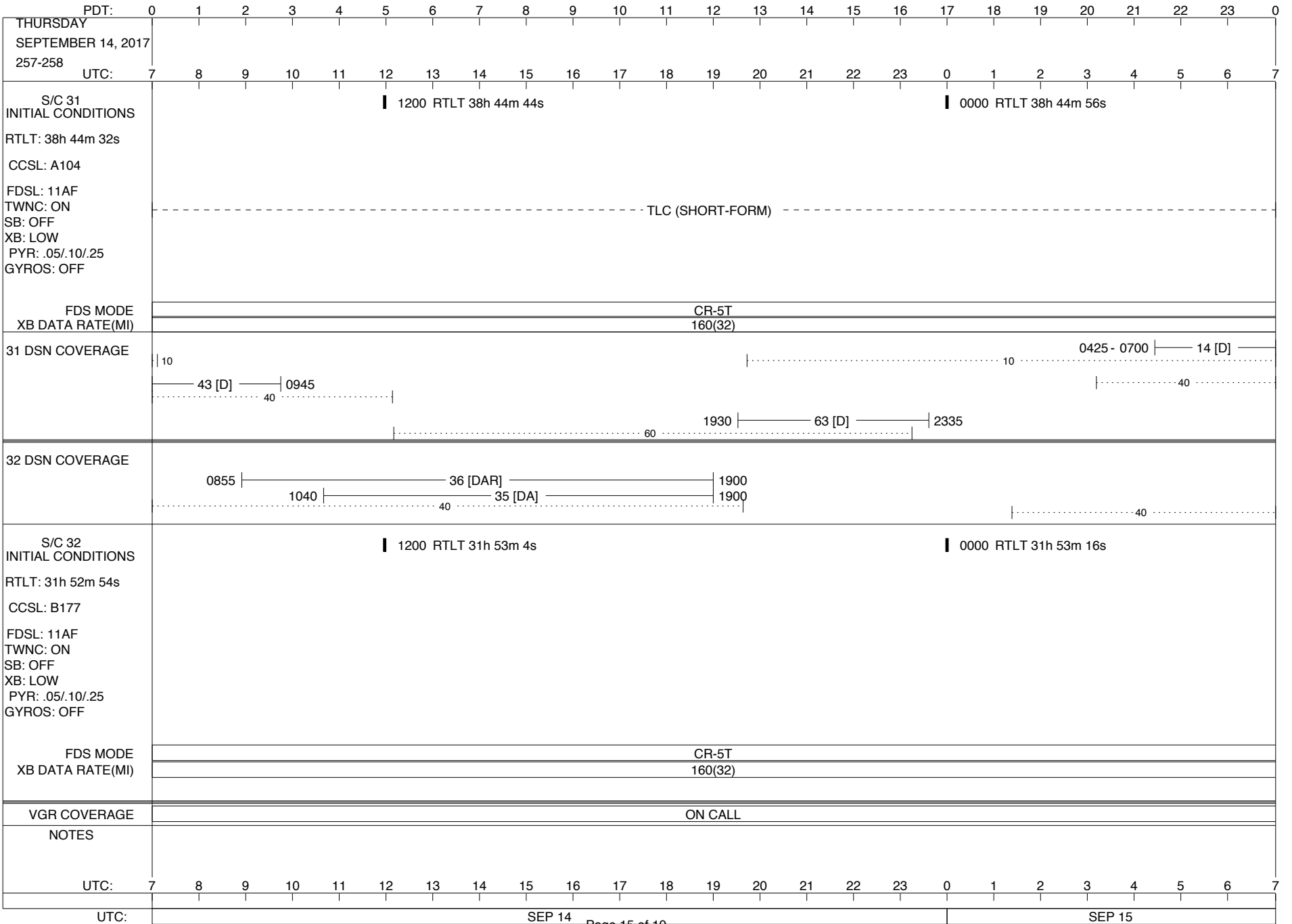


PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0																																													
MONDAY SEPTEMBER 11, 2017 254-255																																																																						
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7																																													
S/C 31 INITIAL CONDITIONS RTLTL: 38h 43m 22s CCSL: A104 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 38h 43m 34s												0000 RTLTL 38h 43m 44s																																																									
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)																																																									
31 DSN COVERAGE	10										40										60										70										80										90										100									
											2245 63 [D] 2345										0130 24 [DA] 0535										0130 25 [DAR] 0535																																							
32 DSN COVERAGE	0920 36 [D] 1205										1145 43 [D] 1855										43 [DA] 0635																																																	
S/C 32 INITIAL CONDITIONS RTLTL: 31h 51m 52s CCSL: B177 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 31h 52m 2s												0000 RTLTL 31h 52m 12s																																																									
	----- COMMAND MORATORIUM -----																																																																					
	↓ 1112 BAY 1 HTR OFF ↓ 1112 GYROS BC ON ↓ 1122 GYRO FAULT TEST ↓ 1156 ALL DB=.IS ↓ 1212 AAI ↓ 1213 1246 ASCAL ↓ 1247 RAI ↓ 1249 GYROS OFF ↓ 1257 BAY 1 HTR ON ↓ 1258 YAW=.10, ROLL=.25 ↓ 1303																																																																					
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 32=EL-40 @ 1114 XB=40(30) [2] S/C 32=CR-5T @ 1303 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:	SEP 11												SEP 12																																																									

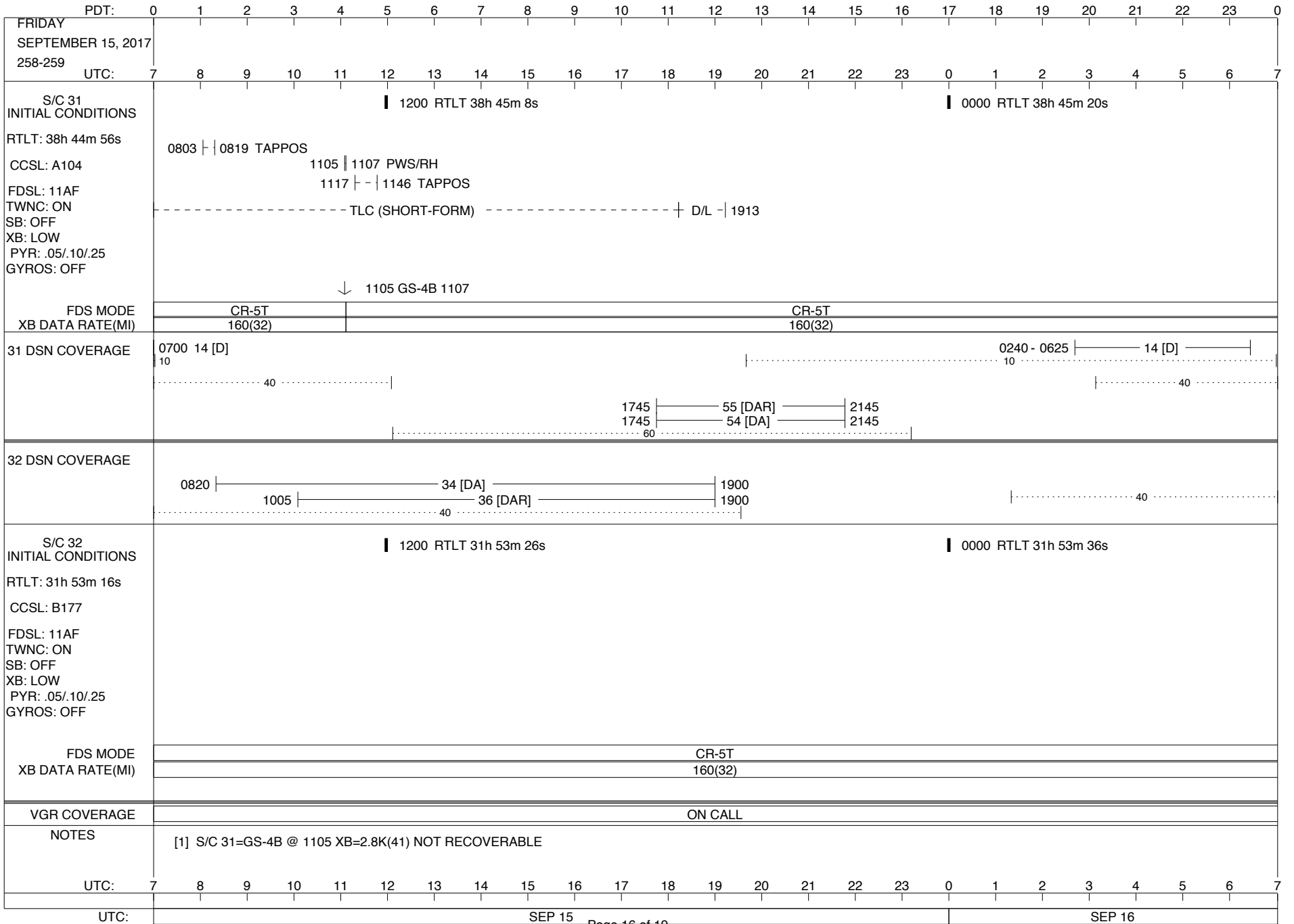
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
SATURDAY SEPTEMBER 16, 2017 259-260																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 38h 45m 20s CCSL: A104 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						█ 1200																			
FDS MODE																									
XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 31h 53m 36s CCSL: B177 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						█ 1200																			
FDS MODE																									
XB DATA RATE(MI)																									
VGR COVERAGE																									
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:																									

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 SEPTEMBER 17, 2017 260-261																									
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 45m 44s CCSL: A104 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 38h 45m 54s												0000 RTLT 38h 46m 6s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE40.....											0100- 0650 ----- 14 [D] ----- 10.....												
60.....											1905 ----- 63 [D] ----- 2320												
32 DSN COVERAGE	0815 ----- 35 [D] ----- 122040.....											1450 ----- 43 [D] ----- 192036 [DA] 0610 -----35 [DAR] 0610 -----40.....												
S/C 32 INITIAL CONDITIONS RTLTL: 31h 53m 58s CCSL: B177 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 31h 54m 8s												0000 RTLT 31h 54m 18s												
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 @ 1405 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:	SEP 17												SEP 18												

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