

VOYAGER Space Flight Operations Schedule (SFOS)
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Issue Date: April 26, 2017

For the Period: 04/27/17 to 05/15/17 (17/117 – 17/135)

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:

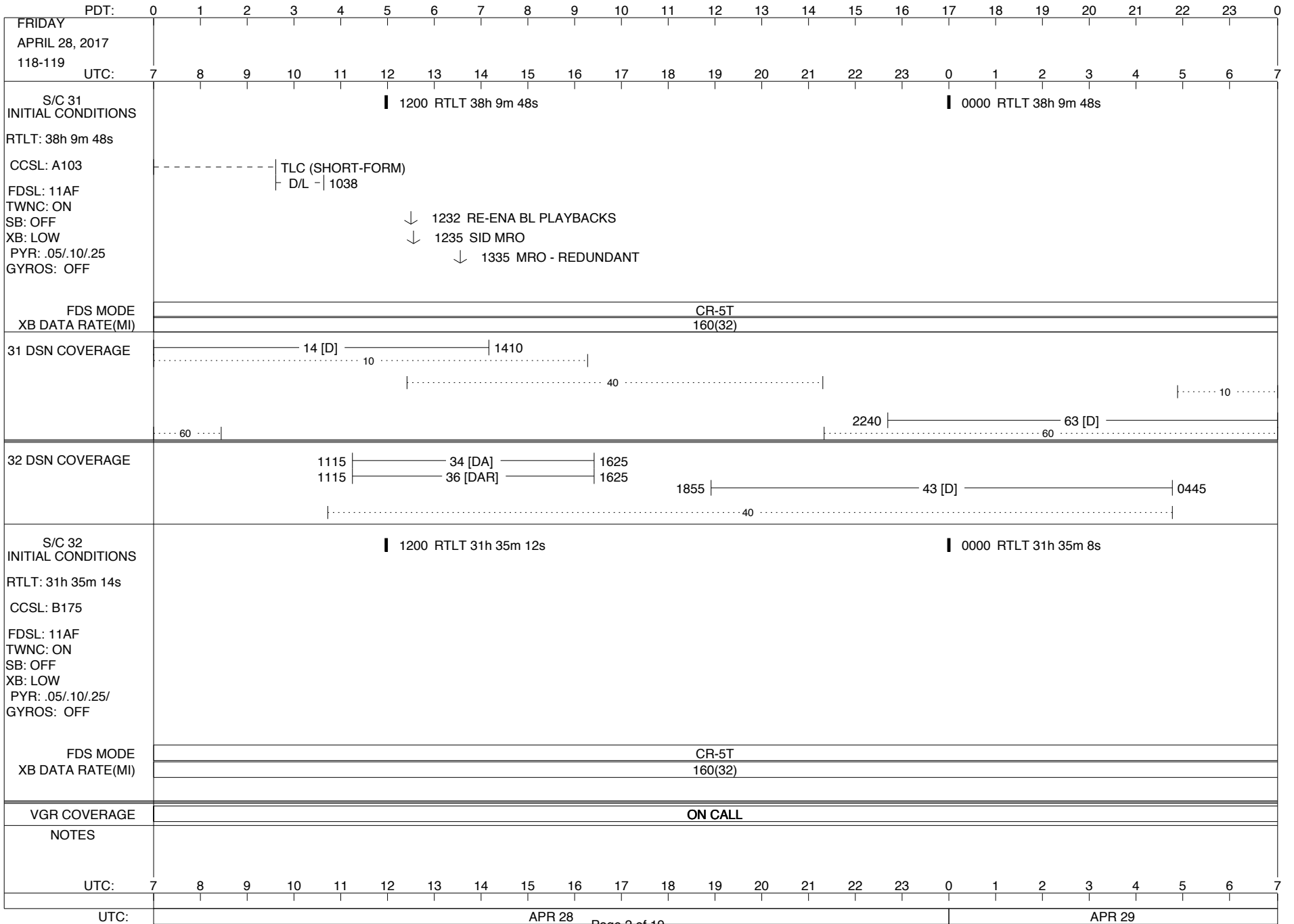
- ∇ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U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

Posted at http://voyager.jpl.nasa.gov/mission/soesfos/tracking_schedule.html

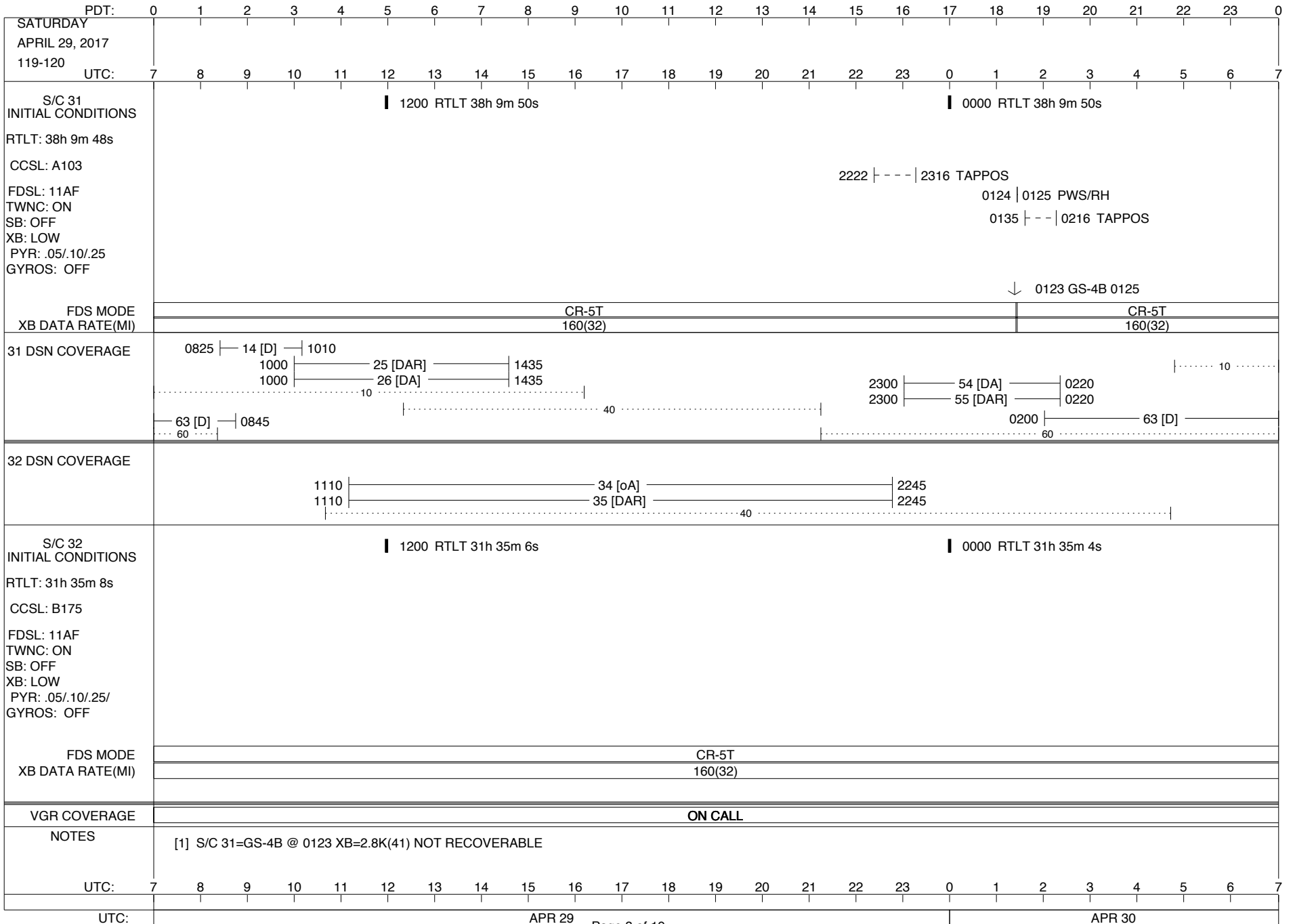
02/27/17

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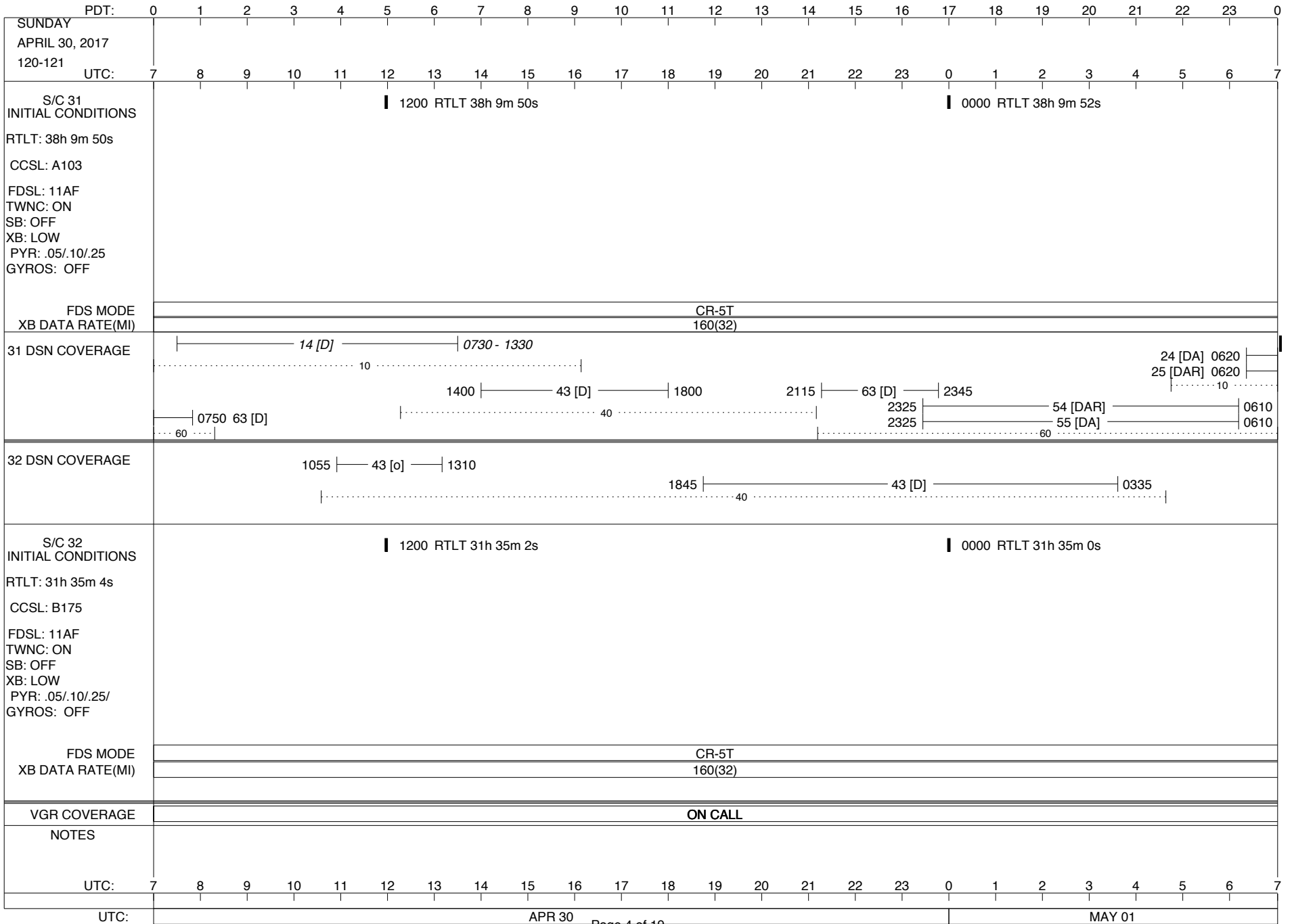
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THURSDAY APRIL 27, 2017 117-118																												
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLTL: 38h 9m 48s CCSL: A103 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 38h 9m 48s												| 0000 RTLTL 38h 9m 48s															
----- TLC (SHORT-FORM) -----																												
														1922 | --- TAPPOS --- | 2155														
														2223 | 2225 PWS/RH														
														2235 | --- TAPPOS --- | 0054				0519 - 0644 | TAPPOS |										
														↓ 2223 GS-4B 2225				CCSTIMB 0641 - 0648 |										
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	25 [DAR] 0700 - 1345												0555 | 14 [D]															
	26 [DA] 0700 - 1345												| ..... 10														
	..... 10												| ..... 40													
	| 0715 63 [D]												2125 - 0615 | 63 [D]															
	..... 60												| ..... 60													
32 DSN COVERAGE	1120 | 34 [oA] 2010												2010															
	1120 | 35 [DAR] 1950 | 43 [D] 2210												| ..... 40														
S/C 32 INITIAL CONDITIONS RTLTL: 31h 35m 18s CCSL: B175 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLTL 31h 35m 16s												| 0000 RTLTL 31h 35m 14s															
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 @ 2223 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:	APR 27														APR 28													

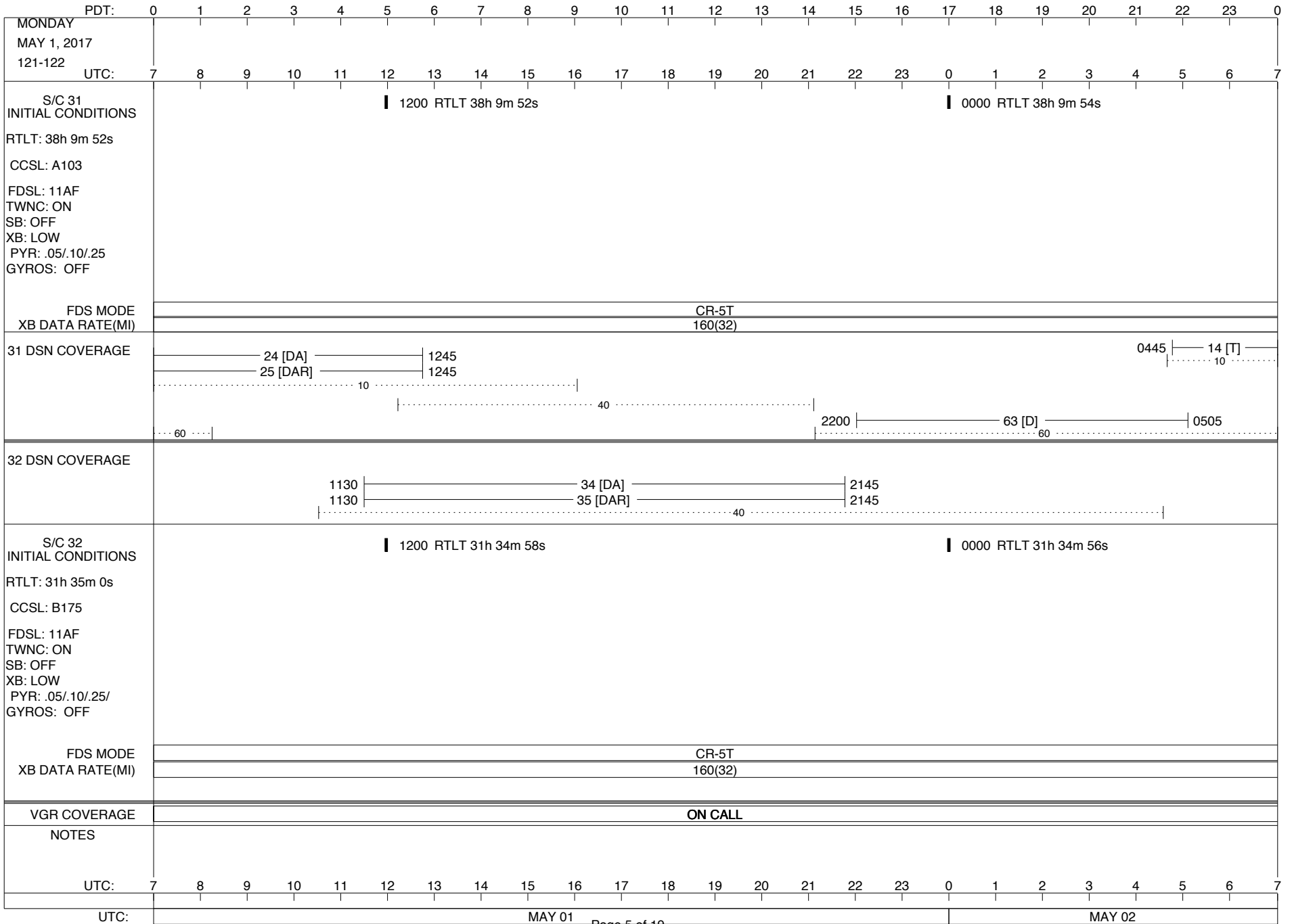


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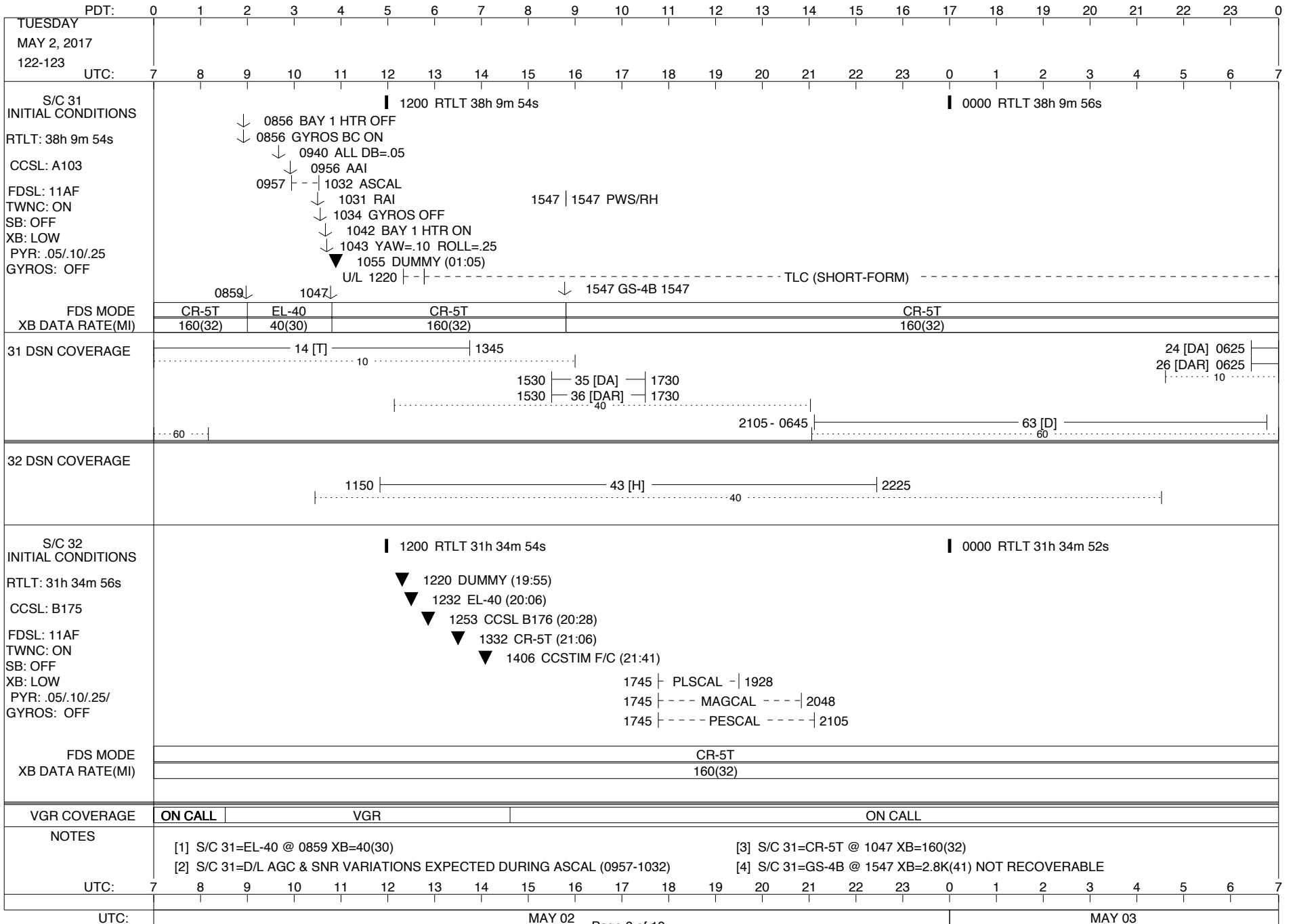


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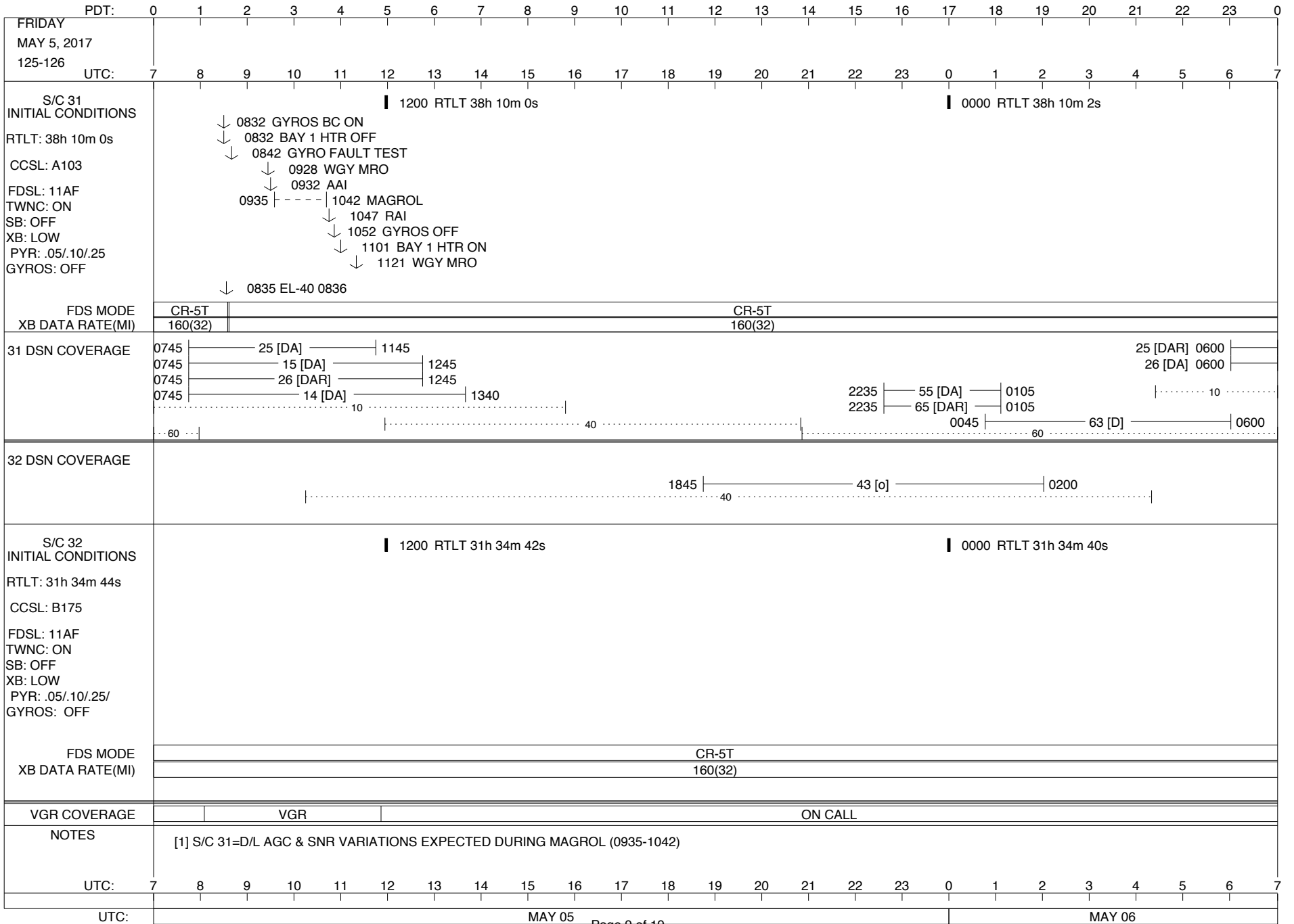
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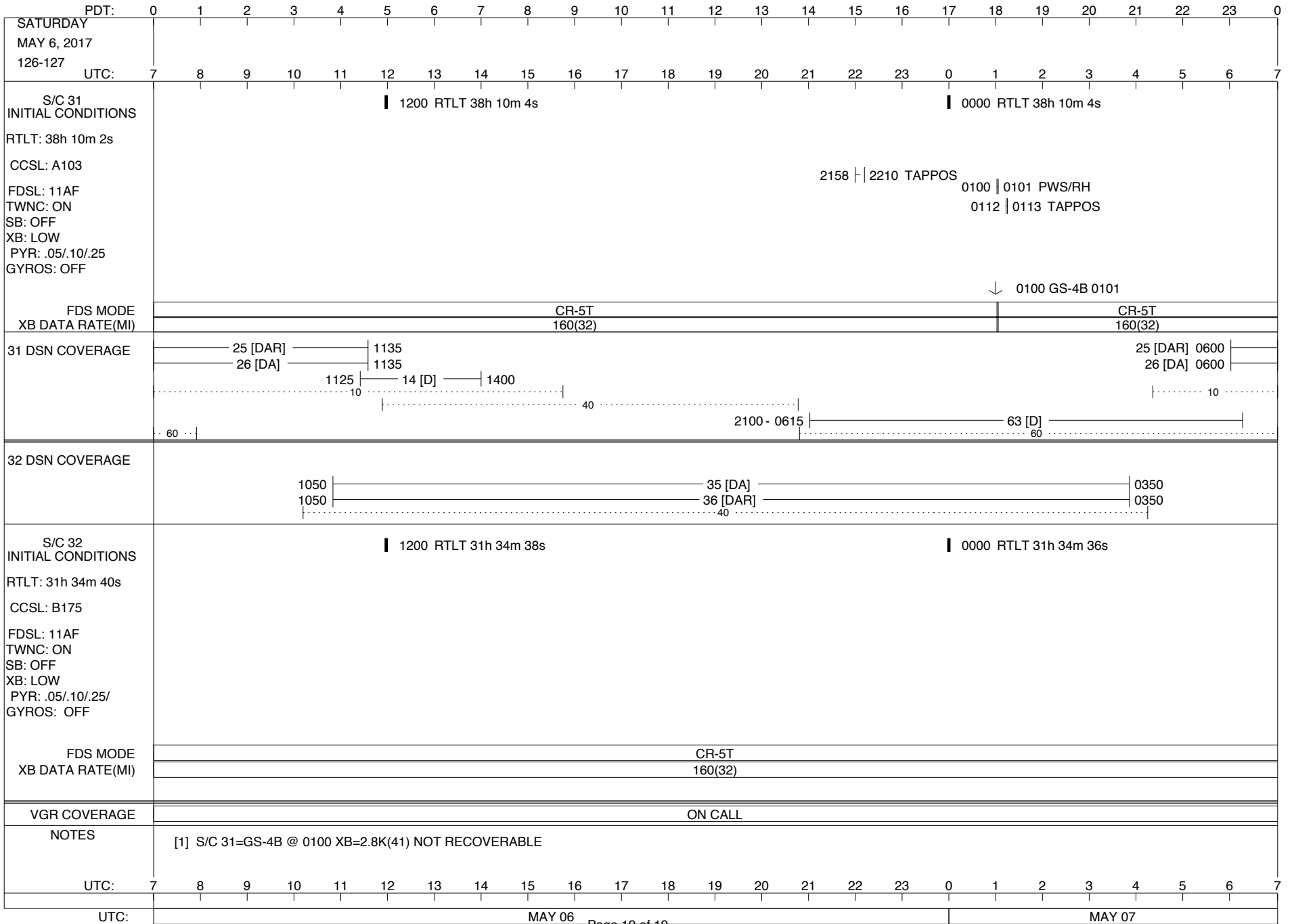
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WEDNESDAY MAY 3, 2017 123-124																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLTL: 38h 9m 56s CCSL: A103 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 38h 9m 56s												| 0000 RTLTL 38h 9m 58s														
----- TLC (SHORT-FORM) ----- | D/L - | 0358																											
FDS MODE	CR-5T												CR-5T														
XB DATA RATE(MI)	160(32)												160(32)														
31 DSN COVERAGE	24 [DA] 1030 1250 | 14 [D] | 1450												15 [DA] 0610 |														
	26 [DAR] 1030												25 [DAR] 0610 |														
	..... 10 .....												..... 10											
	| ..... 40 .....												| ..... 10											
	..... 60												2100 | ..... 63 [D] ..... | 0455													
	..... 60 .....												..... 60											
32 DSN COVERAGE	1025 | ..... 43 [D] ..... | 1410												1800 | ..... 35 [DAR] ..... | 2325														
	| ..... 40												2030 | ..... 34 [DA] ..... | 2325													
S/C 32 INITIAL CONDITIONS RTLTL: 31h 34m 52s CCSL: B175 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLTL 31h 34m 50s												| 0000 RTLTL 31h 34m 48s														
FDS MODE	CR-5T												EL-40			CR-5T											
XB DATA RATE(MI)	160(32)												40(30)			160(32)											
VGR COVERAGE	ON CALL												VGR			ON CALL											
NOTES	[1] S/C 32=EL-40 @ 2007 XB=40(30) [2] S/C 32=CR-5T @ 21:07 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:	MAY 03															MAY 04											

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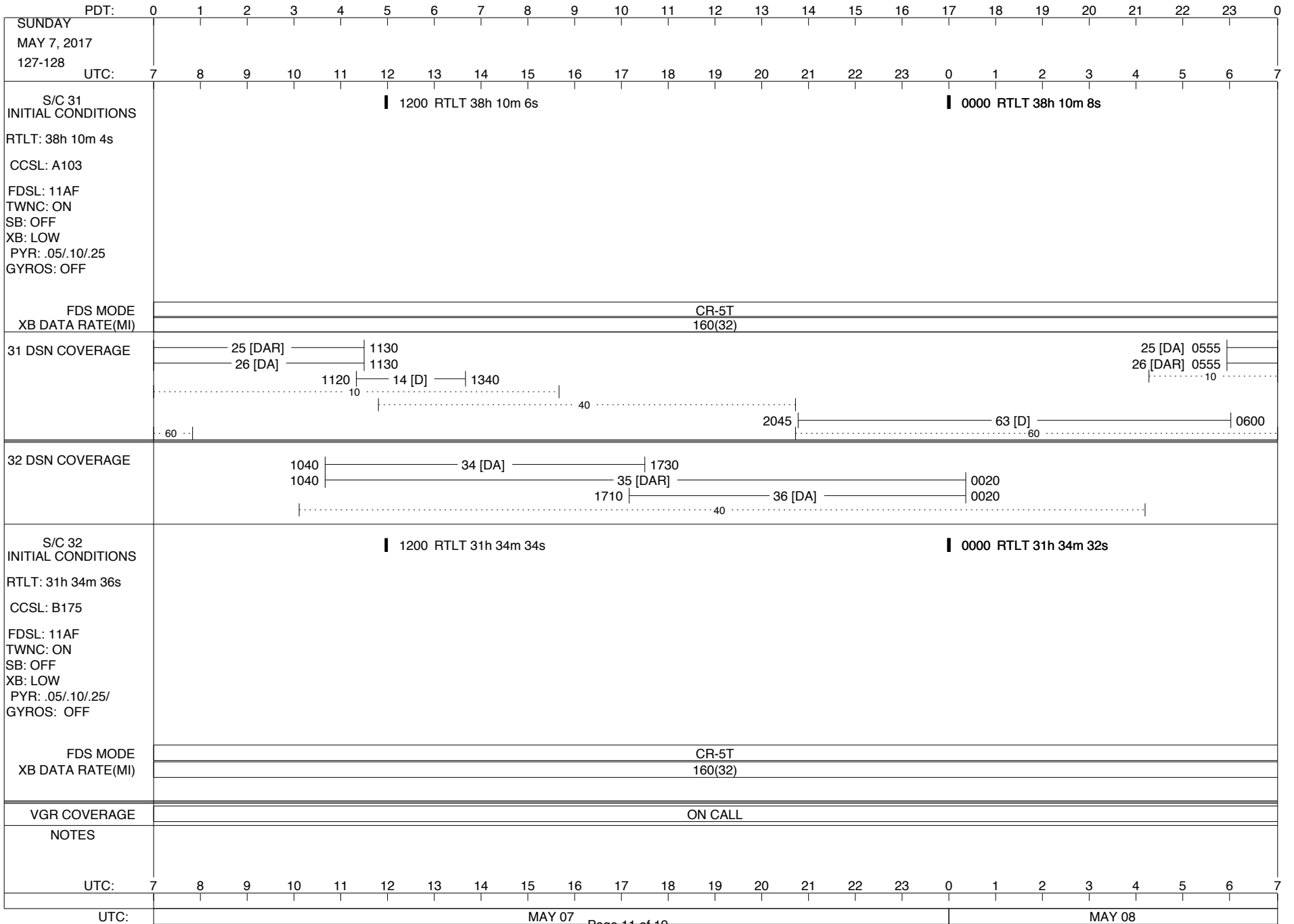
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THURSDAY MAY 4, 2017 124-125																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 38h 9m 58s CCSL: A103 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 38h 9m 58s												| 0000 RTLT 38h 10m 0s												
	↓ 0832 BAY 1 HTR OFF																								
	↓ 0832 GYROS AC ON																								
	0832 | --- GYRO CONDITIONING --- | 1332												1858 | - | 1924 TAPPOS												
													↓ 1332 GYROS OFF												
													2200 | 2201 PWS/RH												
													↓ 1340 BAY 1 HTR ON												
													2211 | | 2224 TAPPOS												
													↓ 1344 GYRO DEFAULT=BC												
	↓ 0835 EL-40 0836												↓ 2200 GS-4B 2201												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	15 [DA] | 0810 0810 25 [DAR]												14 [D] | 1545												
	0800 |												2225 | 63 [D] | 0600												
	..... 10 40 10												..... 60 60											
32 DSN COVERAGE	1050 | 35 [DAR] | 1840												1740												
	1050 | 36 [DA] | 1740												1820 | 43 [D] | 2140												
	..... 40 .....												..... 40											
S/C 32 INITIAL CONDITIONS RTLT: 31h 34m 48s CCSL: B175 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLT 31h 34m 46s												| 0000 RTLT 31h 34m 44s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 2200 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 04												MAY 05												

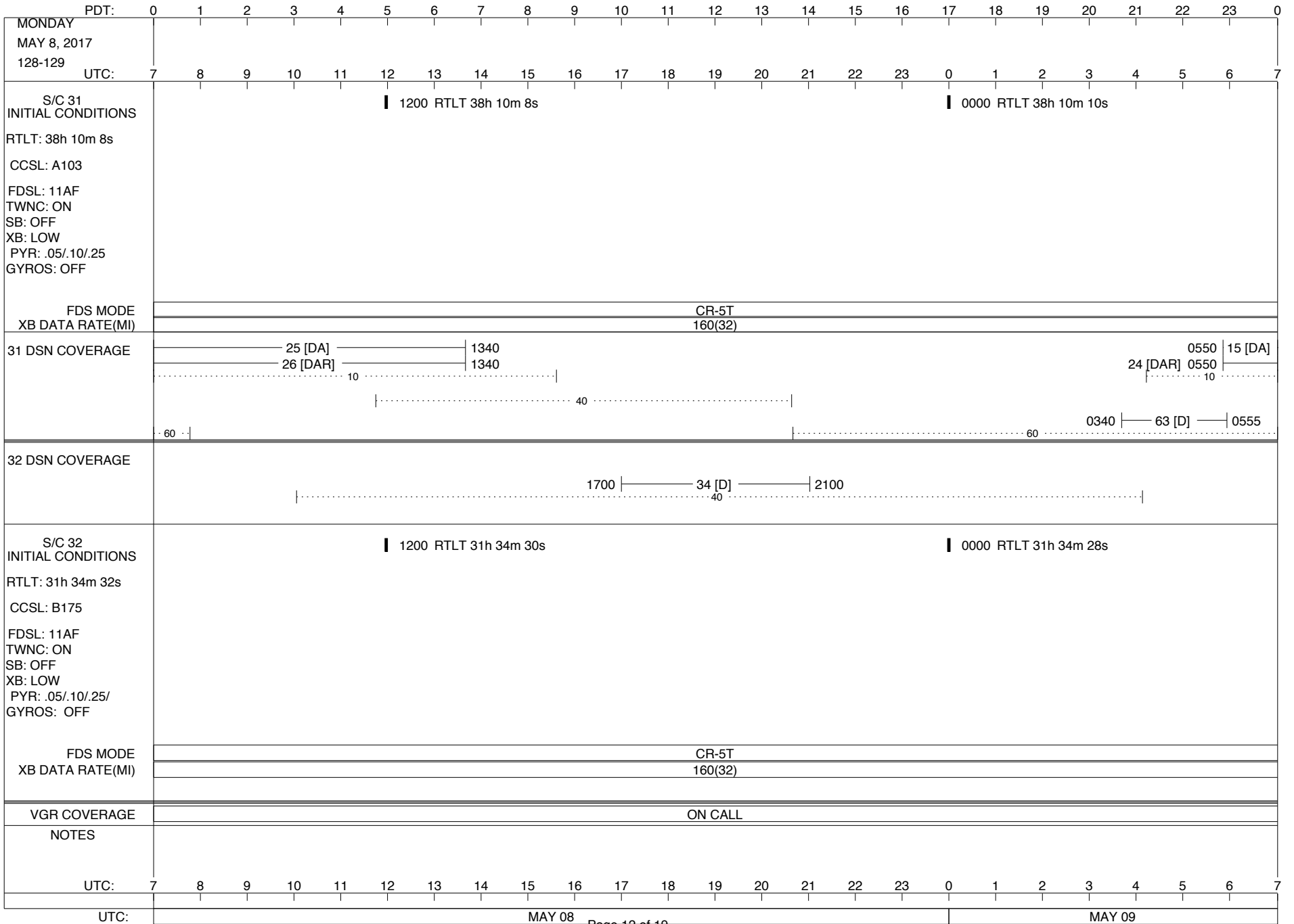
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ISSUE DATE: 05/01/17 09:53

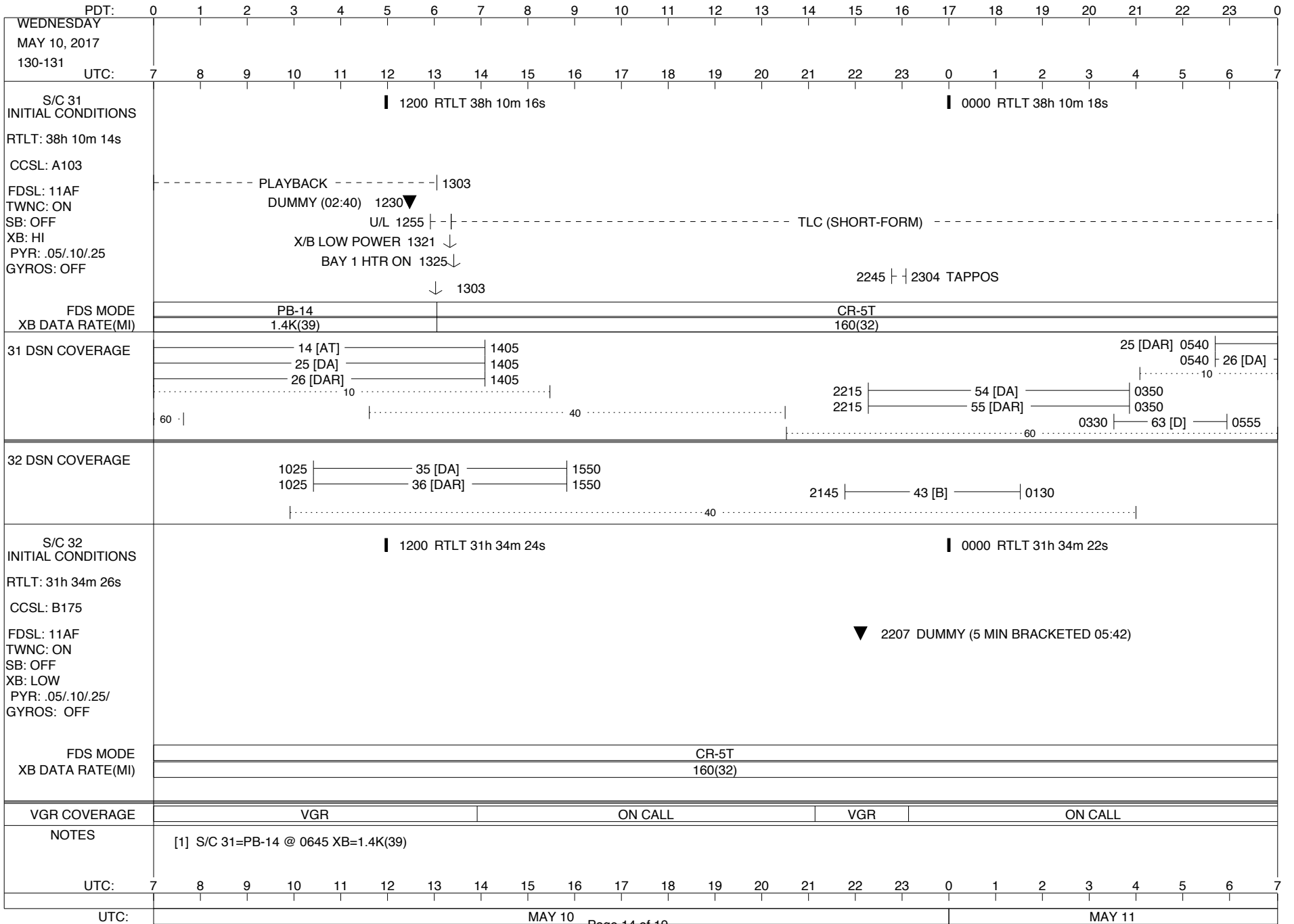




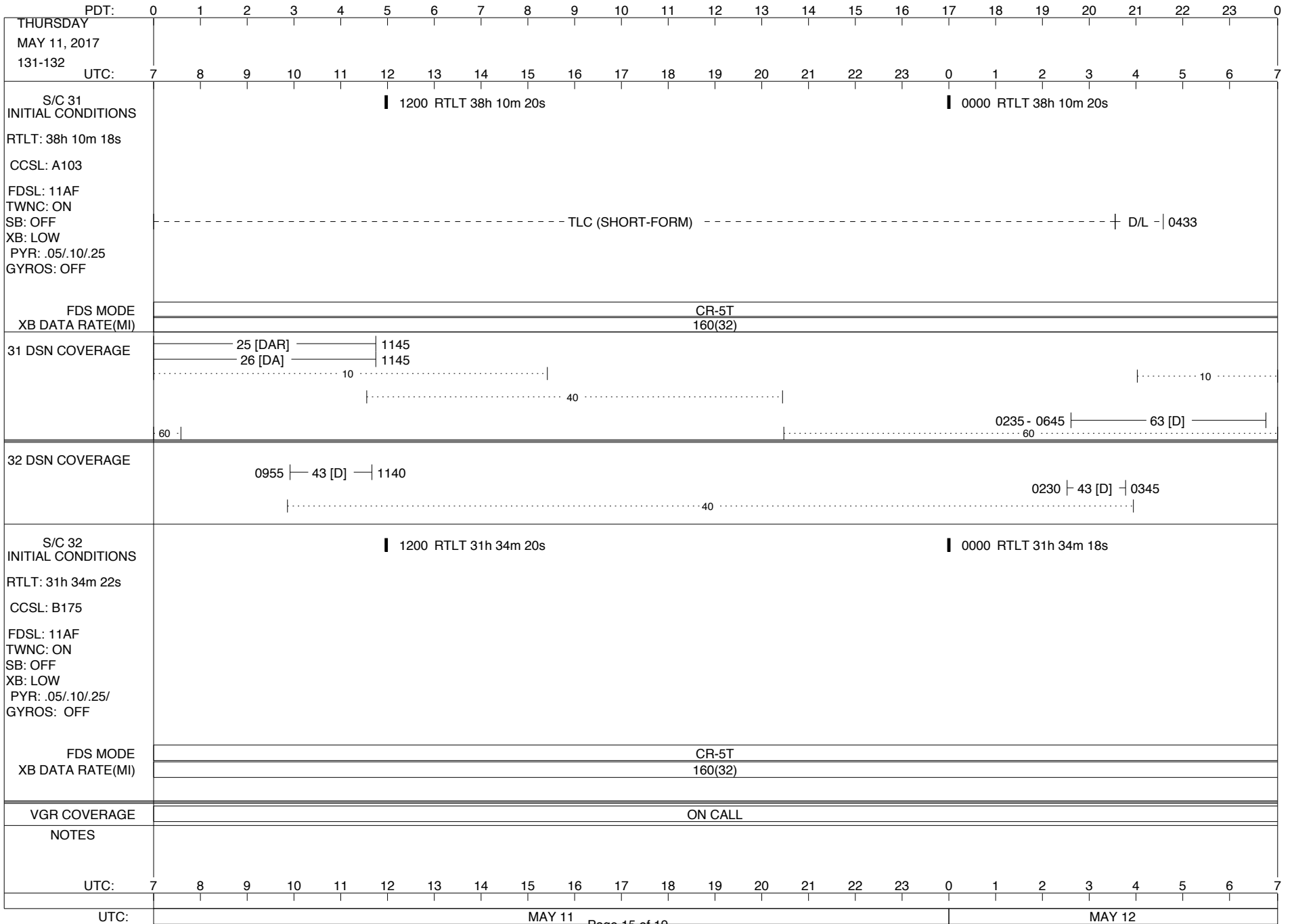
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
TUESDAY MAY 9, 2017 129-130																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 38h 10m 10s CCSL: A103 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 38h 10m 12s												0000 RTLT 38h 10m 14s												
	1523 | 1524 PWS/RH												0252 | -- | 0334 TAPPOS BAY 1 HTR OFF 0620 ↓ X/B HI POWER 0624 ↓ PLAYBACK 0645 |												
	↓ 1523 GS-4B 1524												0645 ↓												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	15 [DA] 1115 24 [DAR] 1115										0425 | 14 [AT] 0535 | 25 [DA] 0535 | 26 [DAR]														
	60 . |										60														
32 DSN COVERAGE	1030 | 34 [DA] 1320 1030 | 36 [DAR] 1320										2245 | 35 [DA] 0305 2245 | 36 [DAR] 0305														
	40										40														
S/C 32 INITIAL CONDITIONS RTLT: 31h 34m 28s CCSL: B175 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 31h 34m 26s												0000 RTLT 31h 34m 26s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												VGR												
NOTES	[1] S/C 31=GS-4B @ 1523 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 09												MAY 10												

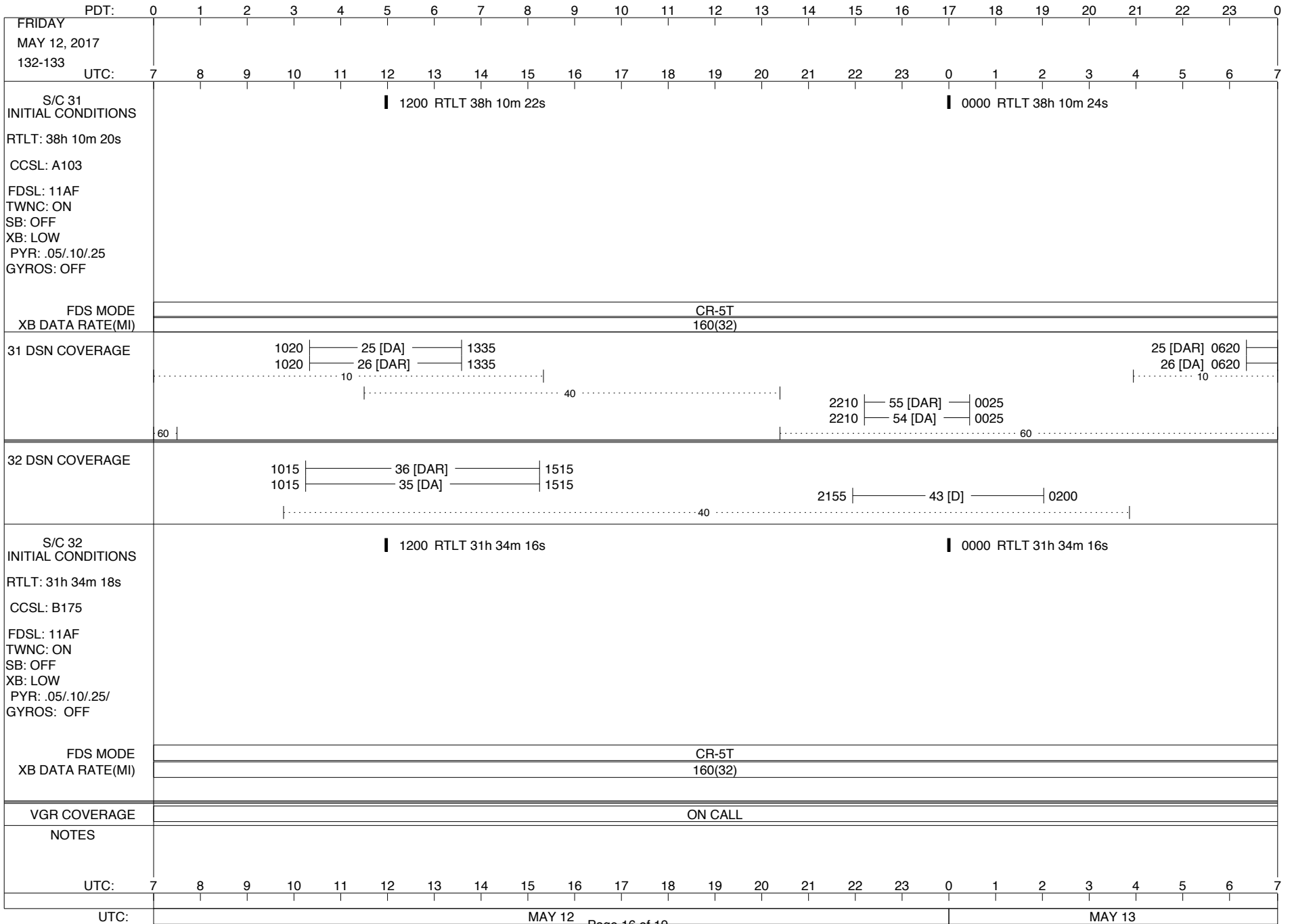
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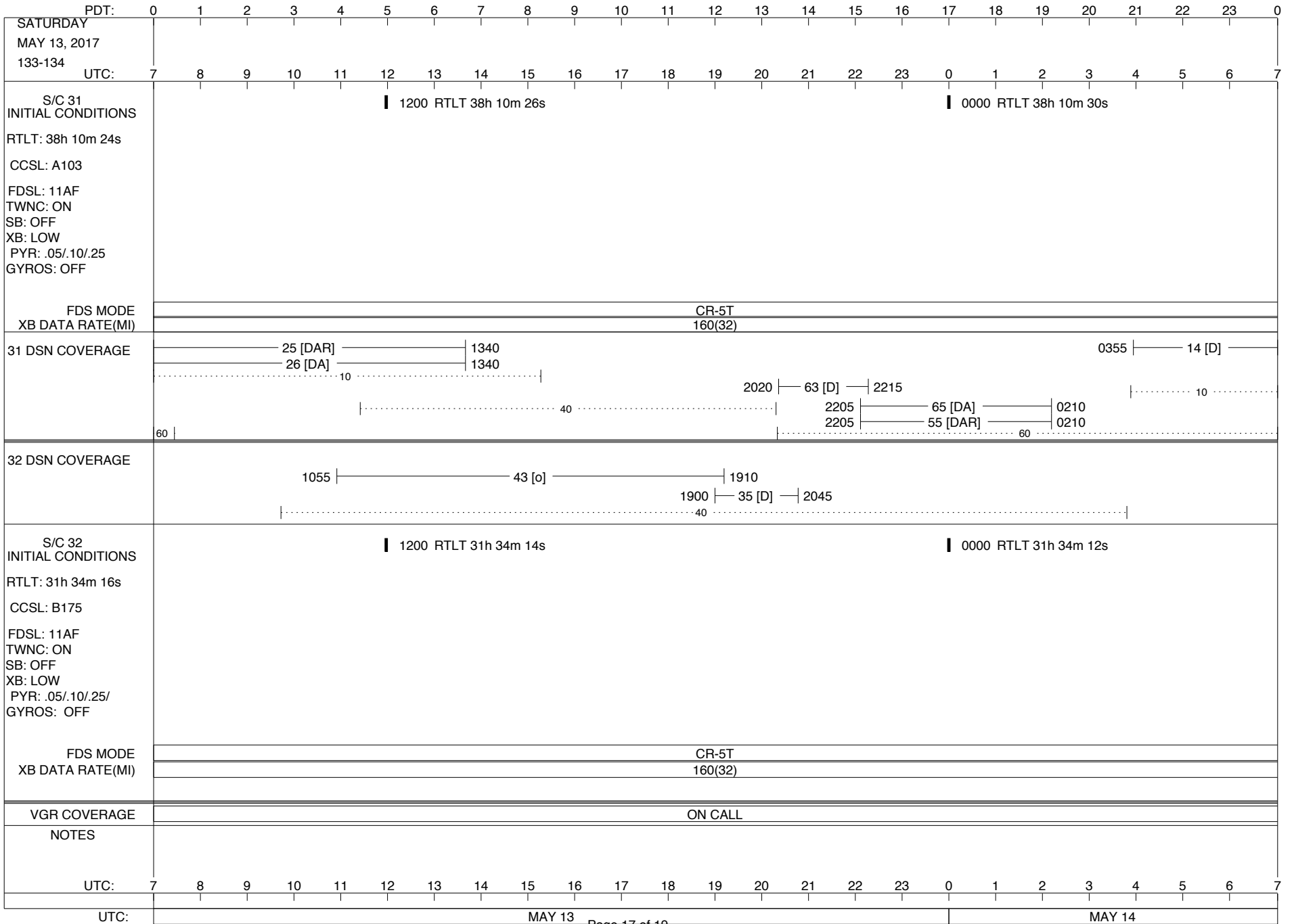


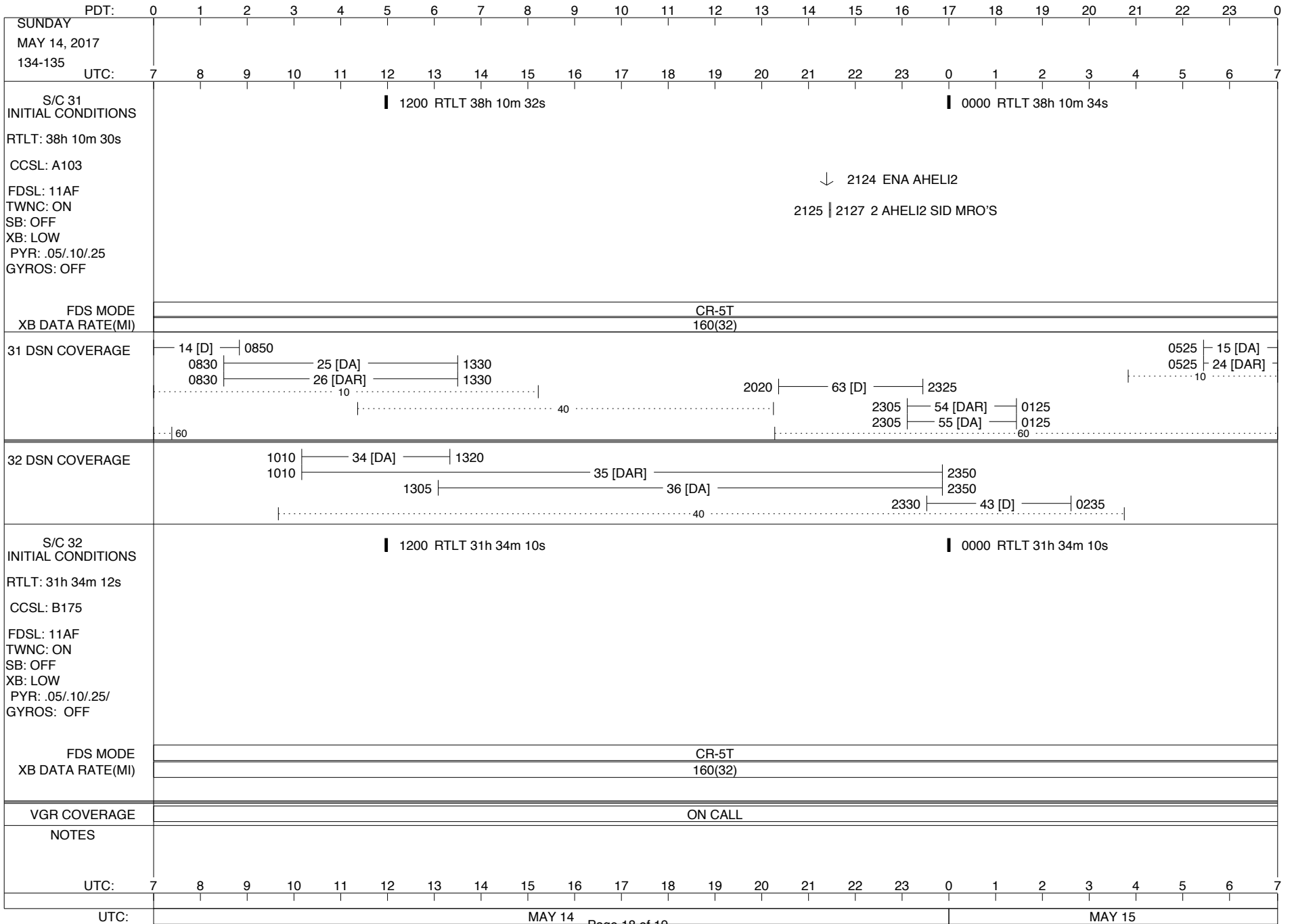
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0		
MONDAY MAY 15, 2017 135-136																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 38h 10m 34s CCSL: A103 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 38h 10m 36s																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE																											
32 DSN COVERAGE	1635 |----- 34 [D] -----| 2035																										
S/C 32 INITIAL CONDITIONS RTLT: 31h 34m 10s CCSL: B175 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLT 31h 34m 8s																										
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:	MAY 15													MAY 16													