

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: May 9, 2018

For the Period: 05/10/18 to 05/28/18 (18/130 – 18/148)

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.	

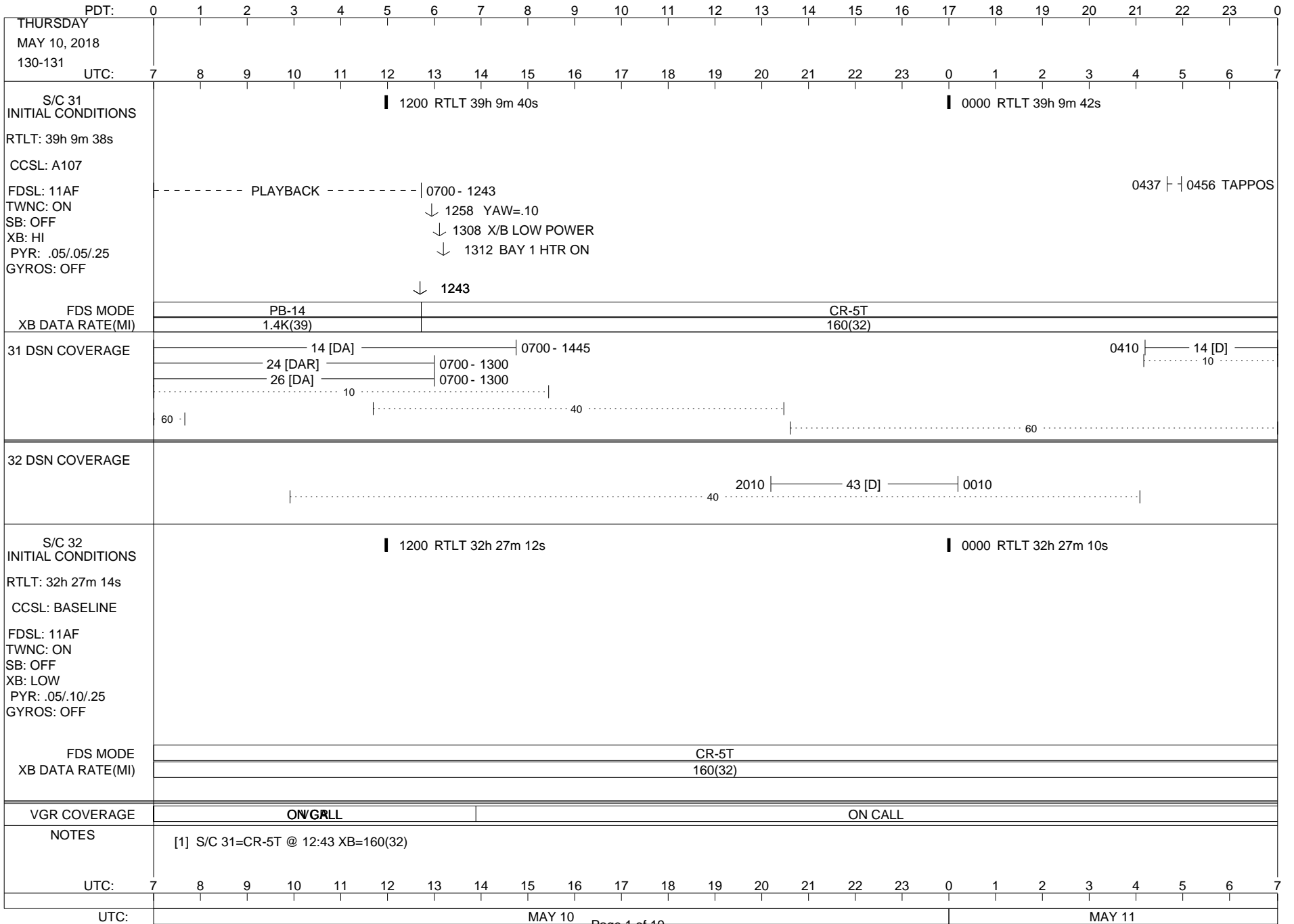
**LEGEND:**

- ∇ = 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

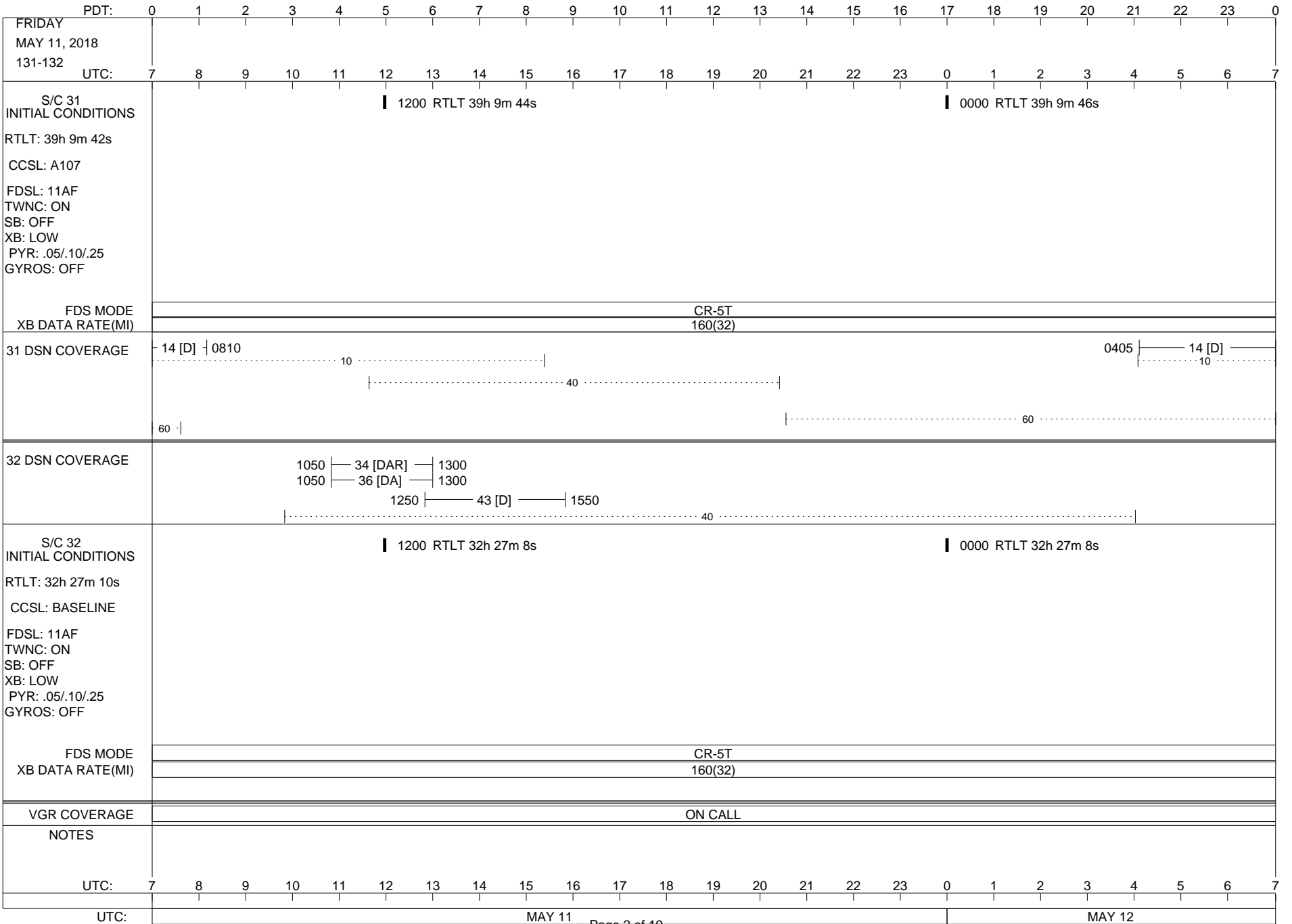
Posted at [http://voyager.jpl.nasa.gov/mission/soesfos/tracking\\_schedule.html](http://voyager.jpl.nasa.gov/mission/soesfos/tracking_schedule.html)

02/27/17

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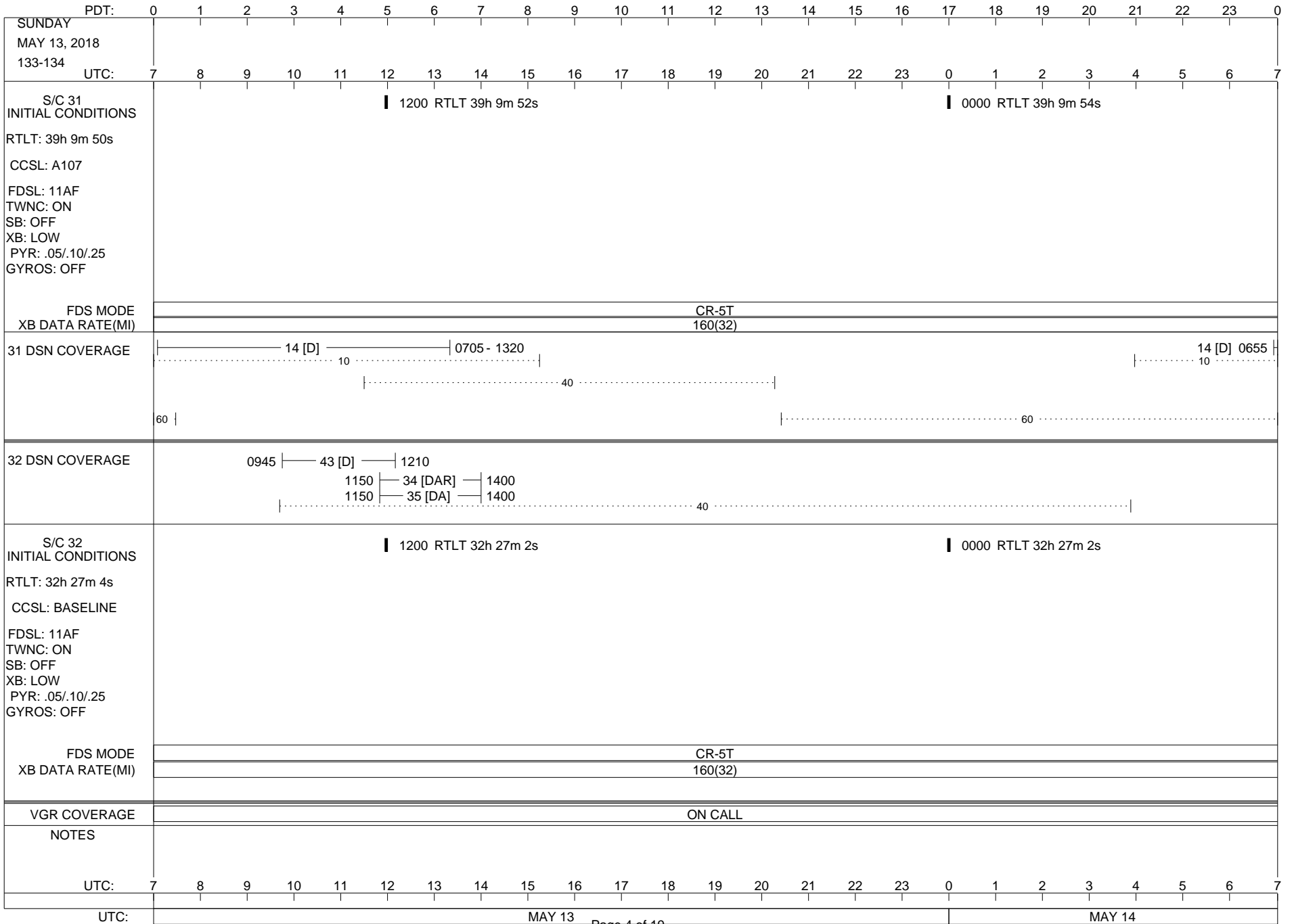
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
SATURDAY MAY 12, 2018 132-133	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 39h 9m 46s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 9m 48s												0000 RTLT 39h 9m 50s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	14 [D] —  0835 .....   .....40.....  60												.....   .....10.....												
32 DSN COVERAGE	0950  -----43 [D]-----  1350  .....40.....																								
S/C 32 INITIAL CONDITIONS RTLT: 32h 27m 8s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 27m 6s												0000 RTLT 32h 27m 4s												
FDS MODE XB DATA RATE(MI)													CR-5T 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 12												MAY 13												

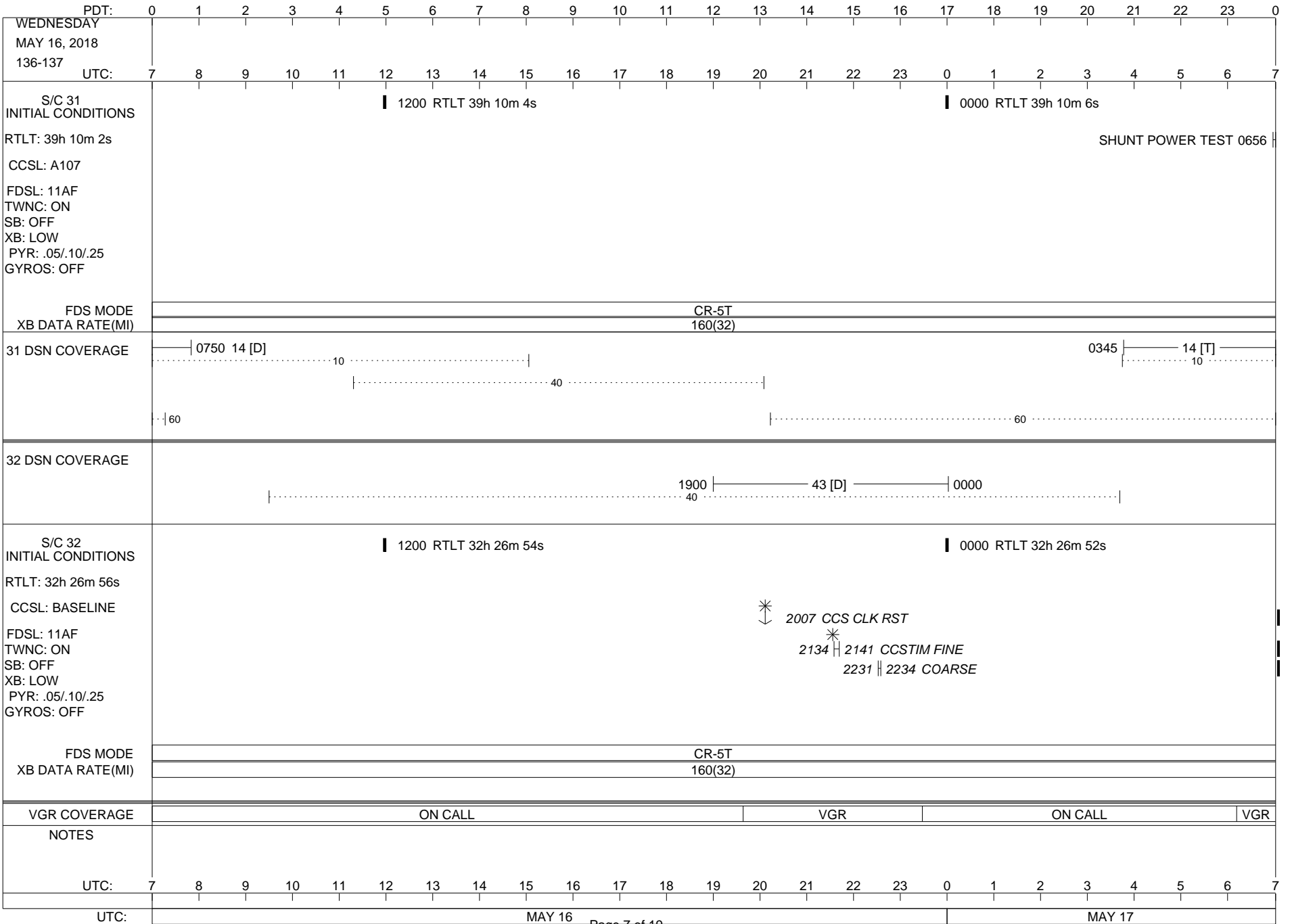
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0			
TUESDAY MAY 15, 2018 135-136	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLT: 39h 9m 58s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 10m 0s												0000 RTLT 39h 10m 2s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	14 [D] 0940										0350 14 [D]																	
32 DSN COVERAGE	1100 43 [H2] 1430																											
S/C 32 INITIAL CONDITIONS RTLT: 32h 26m 58s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 26m 56s												0000 RTLT 32h 26m 56s															
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 @ 1505 XB=2.8K(41) NOT RECOVERABLE [2] HP DRV ON >= 11:00																											
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													

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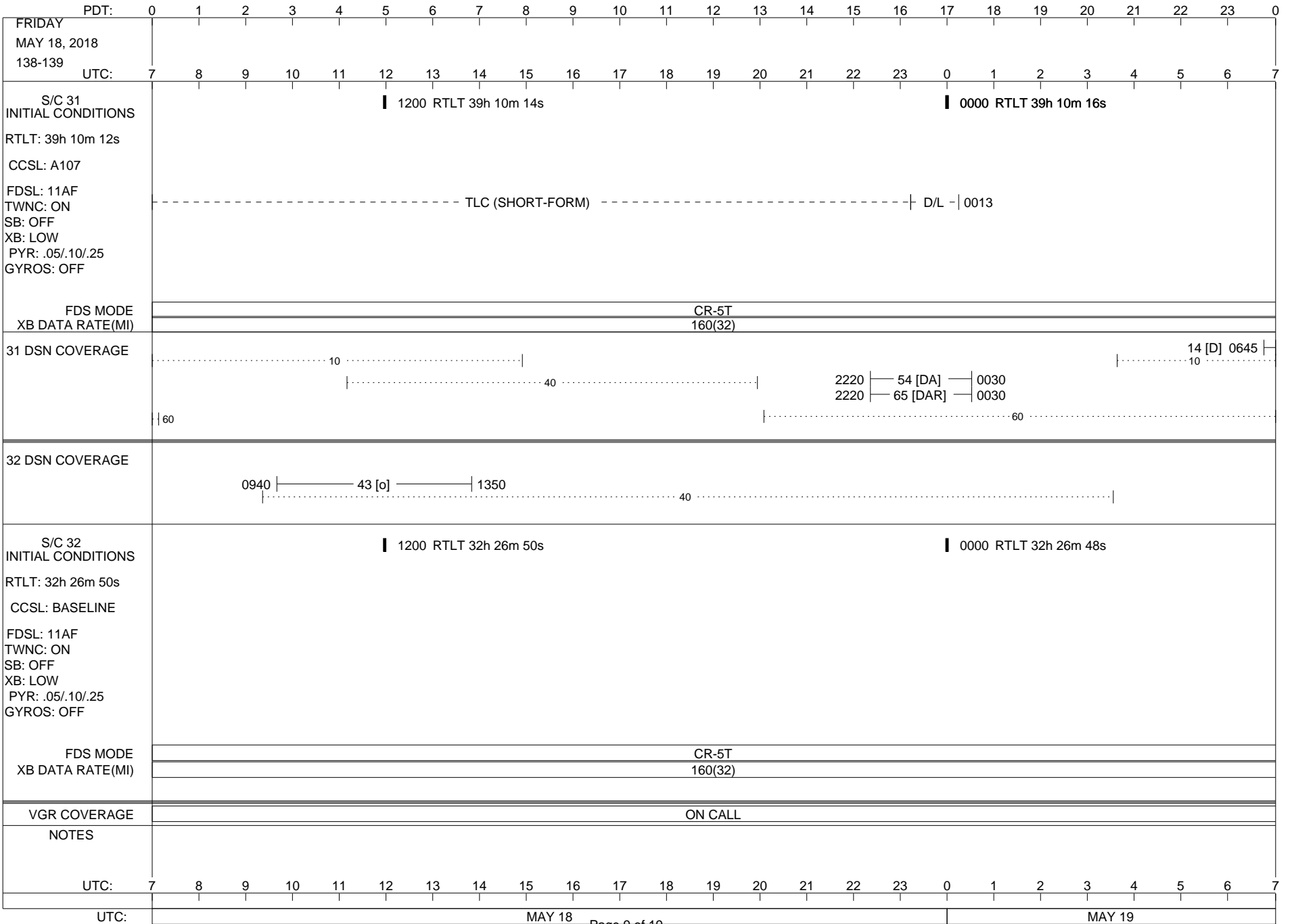




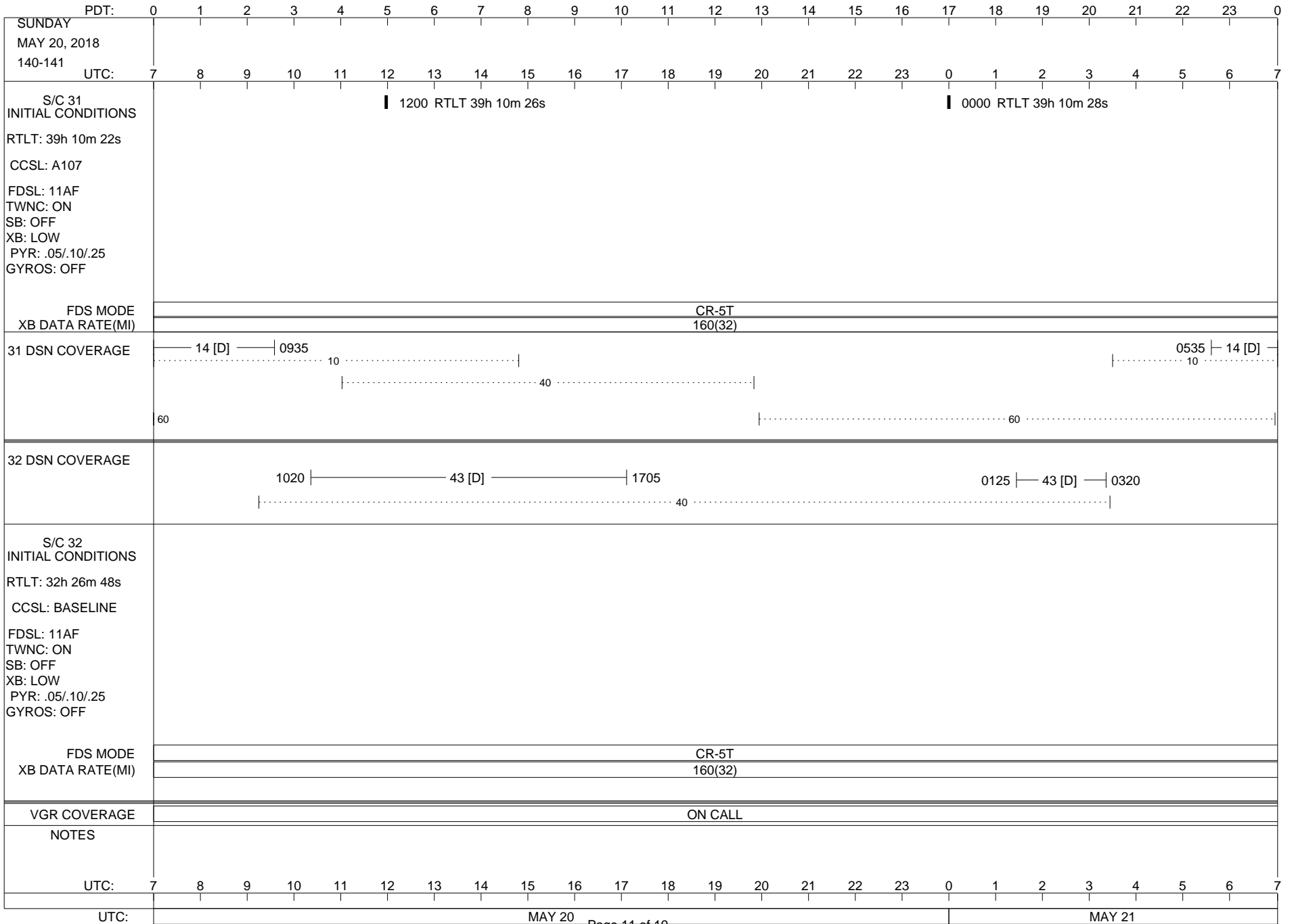
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THURSDAY MAY 17, 2018 137-138																												
S/C 31 INITIAL CONDITIONS	1200 RTLT 39h 10m 10s														0000 RTLT 39h 10m 12s													
RTLTL: 39h 10m 6s	-- 0738 SHUNT POWER TEST																											
CCSL: A107	▼ 0710 DUMMY (22:20)																											
FDSL: 11AF	U/L  -- 0735 -																											
TWNC: ON	----- TLC (SHORT-FORM) -----																											
SB: OFF	1816  -- 1842 TAPPOS																											
XB: LOW	2118  2119 PWS/RH																											
PYR: .05/.10/.25	2130  2142 TAPPOS																											
GYROS: OFF	↓ 2119 GS-4B 2119																											
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
31 DSN COVERAGE	14 [T]  0805														0430 - 0655  14 [D]													
	.....														.....													
	60														60													
32 DSN COVERAGE	0930  -----43 [D]----- 1330														0130  -----43 [D]----- 0335													
	-----40-----														-----40-----													
S/C 32 INITIAL CONDITIONS	1200 RTLT 32h 26m 52s														0000 RTLT 32h 26m 50s													
RTLTL: 32h 26m 52s																												
CCSL: BASELINE																												
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.10/.25																												
GYROS: OFF																												
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
VGR COVERAGE	VGR														ON CALL													
NOTES	[1] S/C 31=GS-4B @ 2118 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 17														MAY 18													

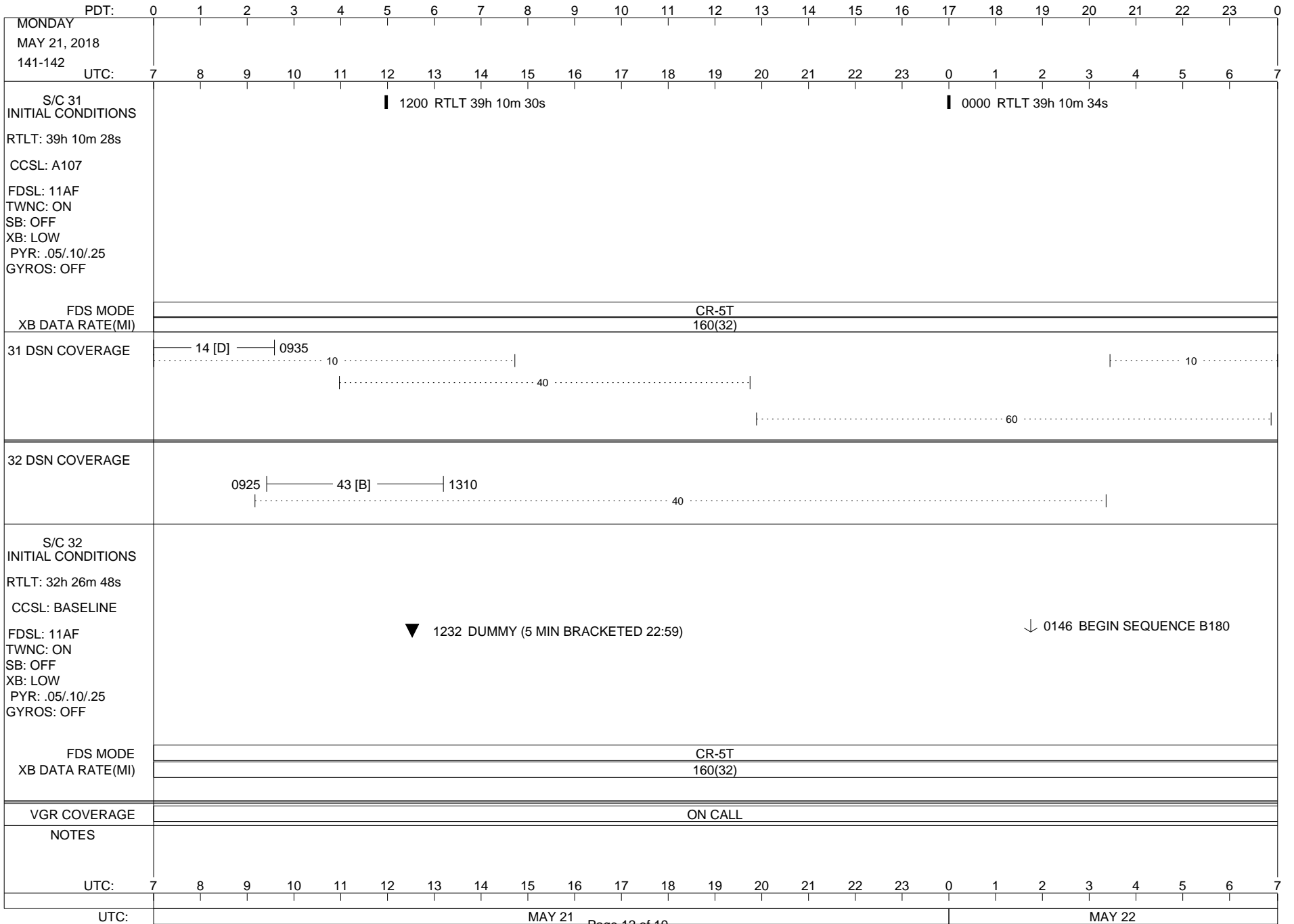
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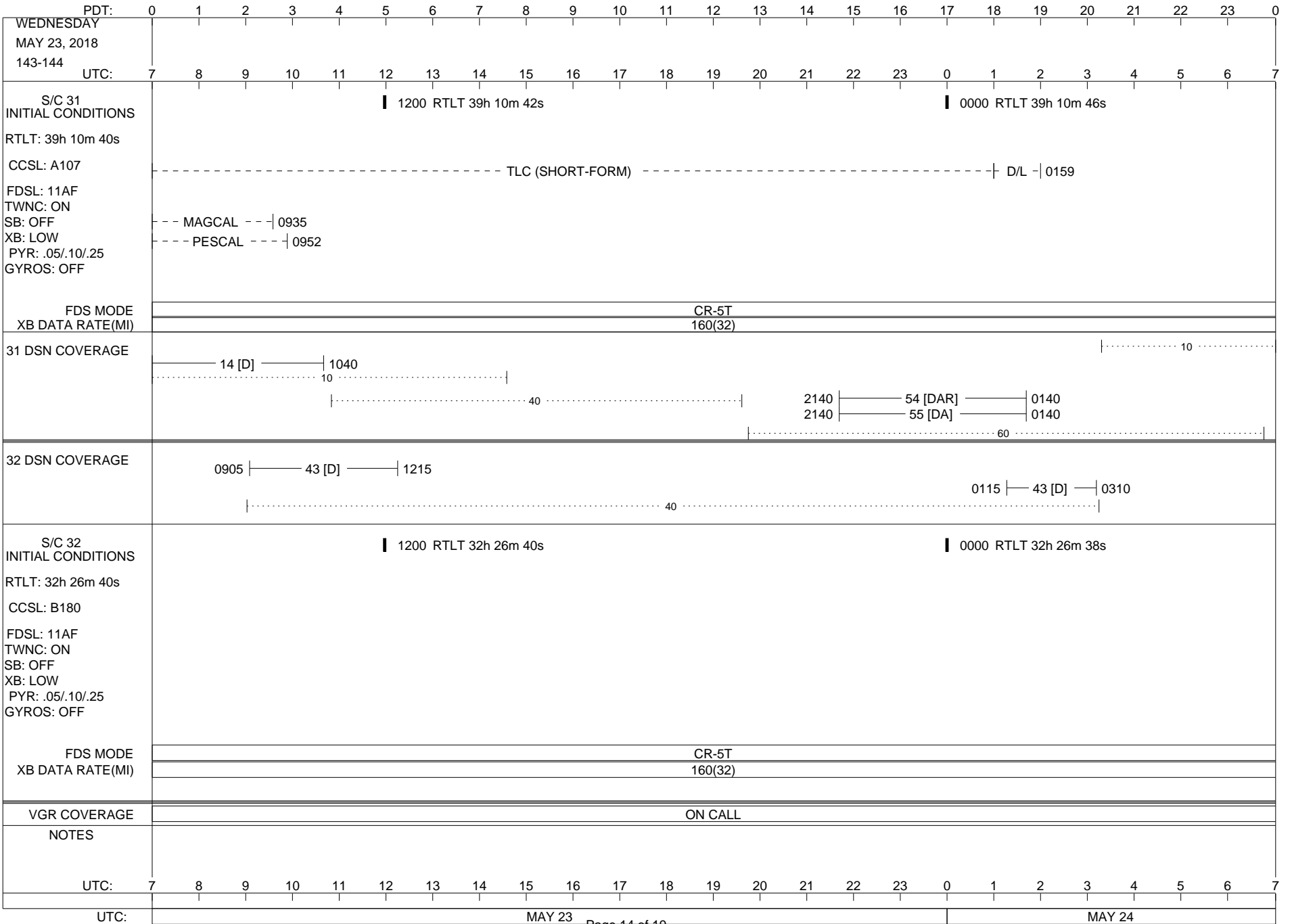


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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0			
THURSDAY MAY 24, 2018 144-145																												
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLT: 39h 10m 46s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	1200 RTLT 39h 10m 50s												0000 RTLT 39h 10m 52s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
31 DSN COVERAGE	.....  10 .....												.....  10 .....															
	.....  40 .....												.....  60 .....															
	2140  ----- 54 [DA] -----  0140 2140  ----- 65 [DAR] -----  0140																											
32 DSN COVERAGE	0950  ----- 34 [DA] -----  1340 0950  ----- 36 [DAR] -----  1340												.....  40 .....															
S/C 32 INITIAL CONDITIONS RTLT: 32h 26m 38s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	1200 RTLT 32h 26m 38s												0000 RTLT 32h 26m 36s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																											
VGR COVERAGE	ON CALL				VGR				ON CALL																			
NOTES	[1] S/C 31=GS-4B @ 2054 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 24														MAY 25													

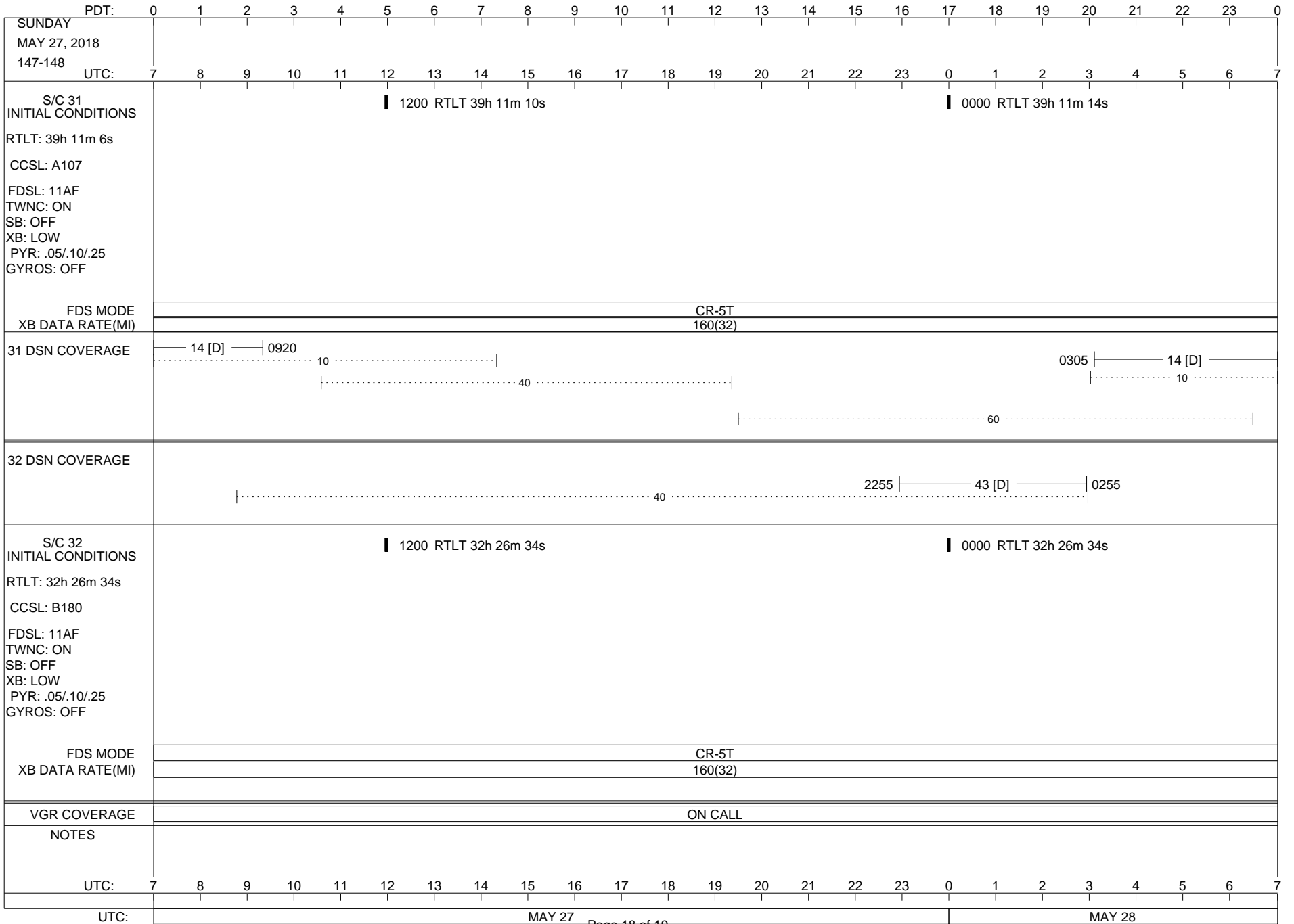


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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0															
FRIDAY MAY 25, 2018 145-146																																								
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7															
S/C 31 INITIAL CONDITIONS RTLT: 39h 10m 52s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 39h 10m 56s												█ 0000 RTLT 39h 11m 0s																											
FDS MODE													CR-5T																											
XB DATA RATE(MI)													160(32)																											
31 DSN COVERAGE	.....  10 .....										.....  40 .....										.....  60 .....										.....  0445   14 [D]   10 .....									
32 DSN COVERAGE	0855   43 [o]   1255										.....  40 .....										0110   43 [D]   0305																			
S/C 32 INITIAL CONDITIONS RTLT: 32h 26m 36s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 32h 26m 36s												█ 0000 RTLT 32h 26m 36s																											
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 25												MAY 26																											

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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 MAY 26, 2018 146-147	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: 39h 11m 0s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 11m 2s												0000 RTLT 39h 11m 6s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	14 [D] 0910										0310 14 [D]														
32 DSN COVERAGE	1920 43 [D] 0205																								
S/C 32 INITIAL CONDITIONS RTLT: 32h 26m 36s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 26m 36s												0000 RTLT 32h 26m 34s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 2354 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 26												MAY 27												



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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 28, 2018 148-149																											
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: 39h 11m 14s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 39h 11m 18s</p> </div>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<div style="text-align: center;"> <p>0705 14 [D]</p> <p>..... 10 .....</p> <p>..... 40 .....</p> </div>																										
32 DSN COVERAGE	<div style="text-align: center;"> <p>1640  ----- 43 [D] -----  2040</p> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 32h 26m 34s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 32h 26m 34s</p> </div>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
VGR COVERAGE	ON CALL																										
NOTES	<p><b>JPL HOLIDAY!</b></p>																										
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													