

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: April 27, 2021

For the Period: 04/29/21 to 05/17/21 (21/119 – 21/137)



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

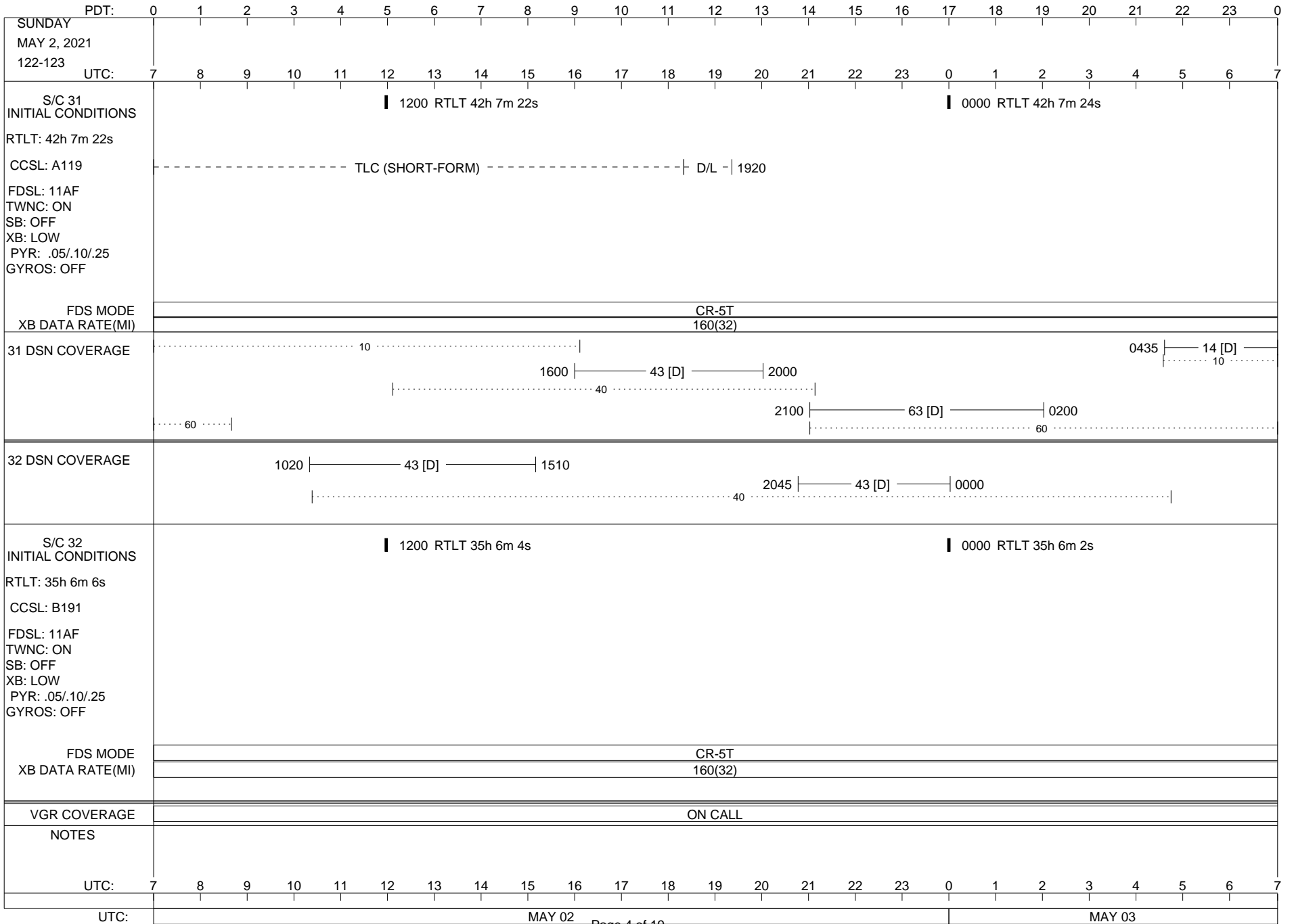
ISSUE DATE: 04/27/21 16:53

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 APRIL 29, 2021 119-120	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: 42h 7m 18s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 7m 18s												0000 RTLT 42h 7m 20s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	.....10.....|												|.....10.....											
	|.....40.....|												|.....60.....|												
	|.....60.....|												|.....0245.....63 [D].....60.....|												
32 DSN COVERAGE	1035 |-----43 [B]-----| 1435												|.....40.....|												
S/C 32 INITIAL CONDITIONS RTLTL: 35h 6m 18s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 6m 16s												0000 RTLT 35h 6m 14s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												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
UTC:	APR 29												APR 30												

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 APRIL 30, 2021 120-121	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: 42h 7m 20s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 42h 7m 20s												| 0000 RTLTL 42h 7m 20s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	.....10.....|												|.....10.....											
	|-----40-----|												|-----40-----|												
	63 [D] | 0845												2210 |-----63 [T]-----| 0210												
	.....60.....|												|-----60-----|												
32 DSN COVERAGE	1030 |-----43 [D]-----| 1400												2140 |-----43 [D]-----| 0350												
	|-----40-----|												|-----40-----|												
S/C 32 INITIAL CONDITIONS RTLTL: 35h 6m 14s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 35h 6m 12s												| 0000 RTLTL 35h 6m 10s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												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
UTC:	APR 30												MAY 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
SATURDAY MAY 1, 2021 121-122	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: 42h 7m 20s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 42h 7m 22s												| 0000 RTLTL 42h 7m 22s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	.....10.....|												|.....10.....											
	|.....40.....|												|.....60.....|												
	|.....60.....|												|.....60.....|												
	|.....60.....|												|.....60.....|												
32 DSN COVERAGE	1025 |-----43 [o]-----| 1625												|.....40.....|												
S/C 32 INITIAL CONDITIONS RTLTL: 35h 6m 10s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 35h 6m 8s												| 0000 RTLTL 35h 6m 8s												
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 01												MAY 02												

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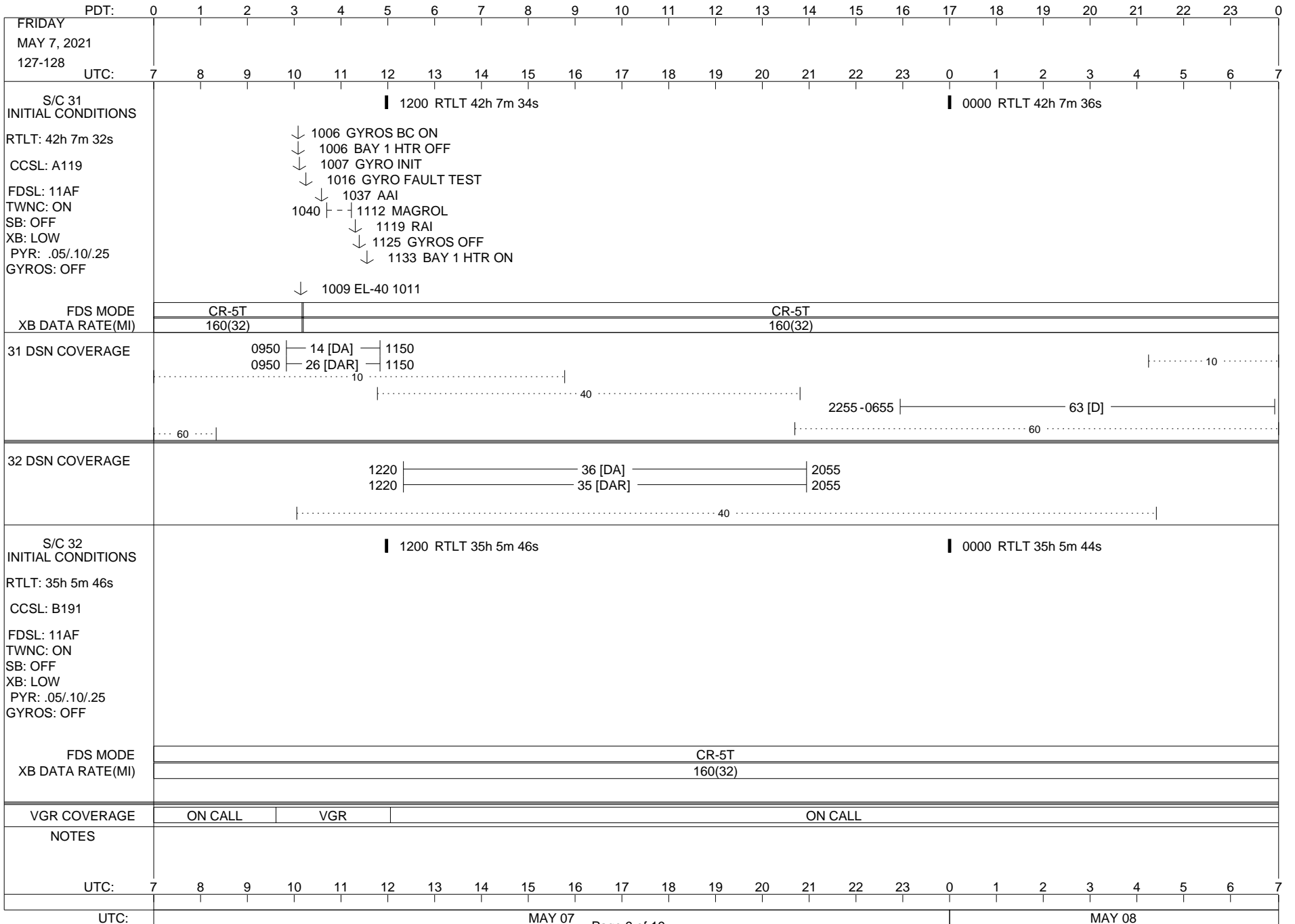
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MONDAY MAY 3, 2021 123-124																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 42h 7m 24s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 42h 7m 24s												█ 0000 RTLT 42h 7m 26s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 35h 6m 2s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 35h 6m 0s												█ 0000 RTLT 35h 5m 58s												
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 03												MAY 04												

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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			
WEDNESDAY MAY 5, 2021 125-126																												
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: 42h 7m 28s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 42h 7m 28s												| 0000 RTLT 42h 7m 30s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	14 [D] | 0845										1300 | 14 [D] | 1400										0425 | 14 [D]							
	..... 10 .....										..... 40 .....										..... 10			
	..... 60 .....																				..... 60			
32 DSN COVERAGE	1035 | 43 [H1]										1900																	
	..... 40 .....										..... 40													
S/C 32 INITIAL CONDITIONS RTLT: 35h 5m 54s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 35h 5m 52s												| 0000 RTLT 35h 5m 50s															
	▼ 1151 EL-40 (22:57)																											
	▼ 1213 CCSL B192 (23:19)																											
	▼ 1234 ECR 210536 (23:40)																											
	▼ 1246 TLMPRG (23:52)																											
	▼ 1321 CCS MRO'S (00:27)																											
	▼ 1421 REDUNDANT CCS MRO'S (01:27)																											
	▼ 1454 CCSTIM F/C (02:00)																											
	▼ 1522 CR-5T (02:28)																											
	▼ 1535 DUMMY (02:41)																											
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
VGR COVERAGE	ON CALL							VGR							ON CALL													
NOTES	[1] DSS-43 HP DRV ON >= 11:40																											
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 05														MAY 06													

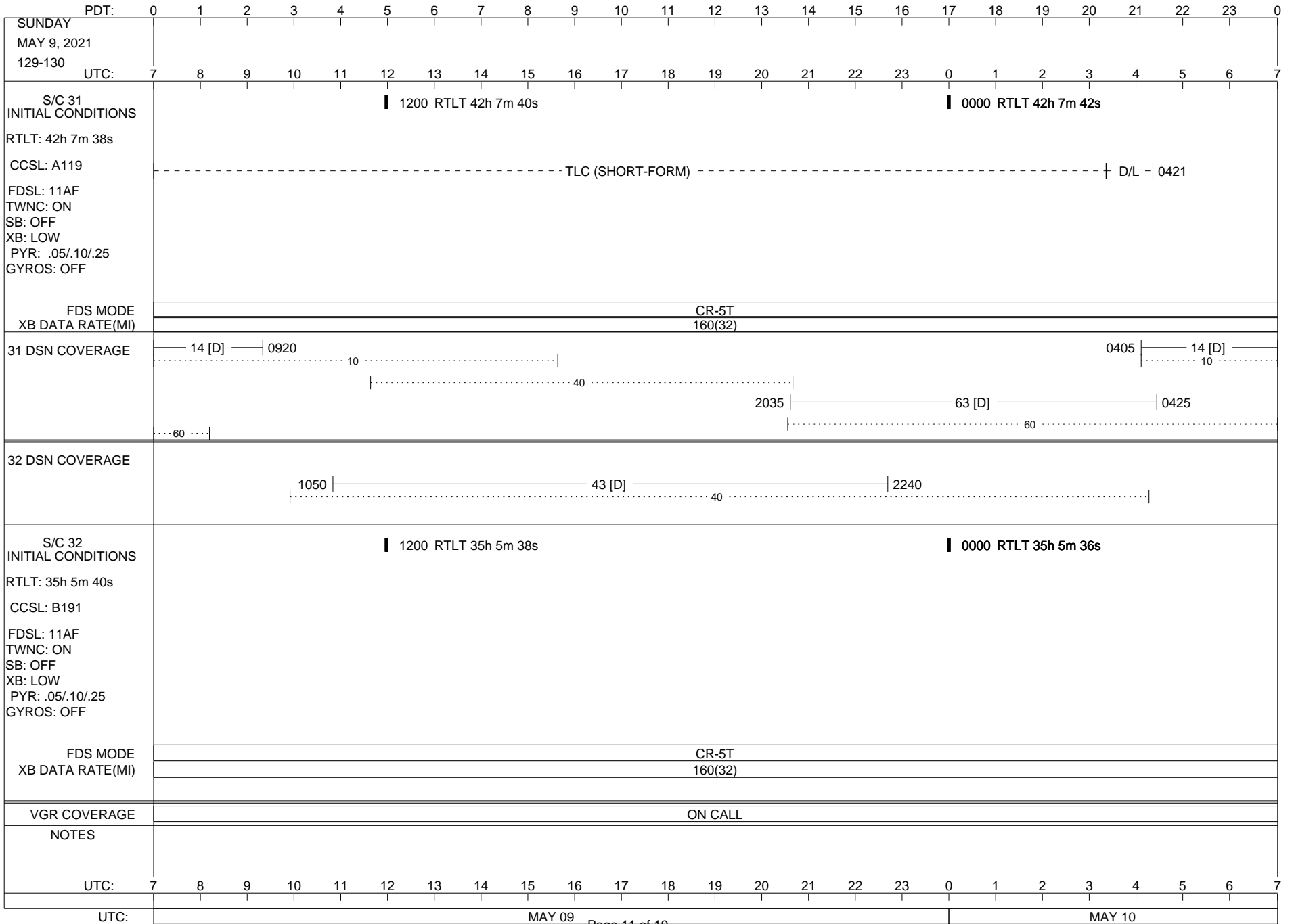
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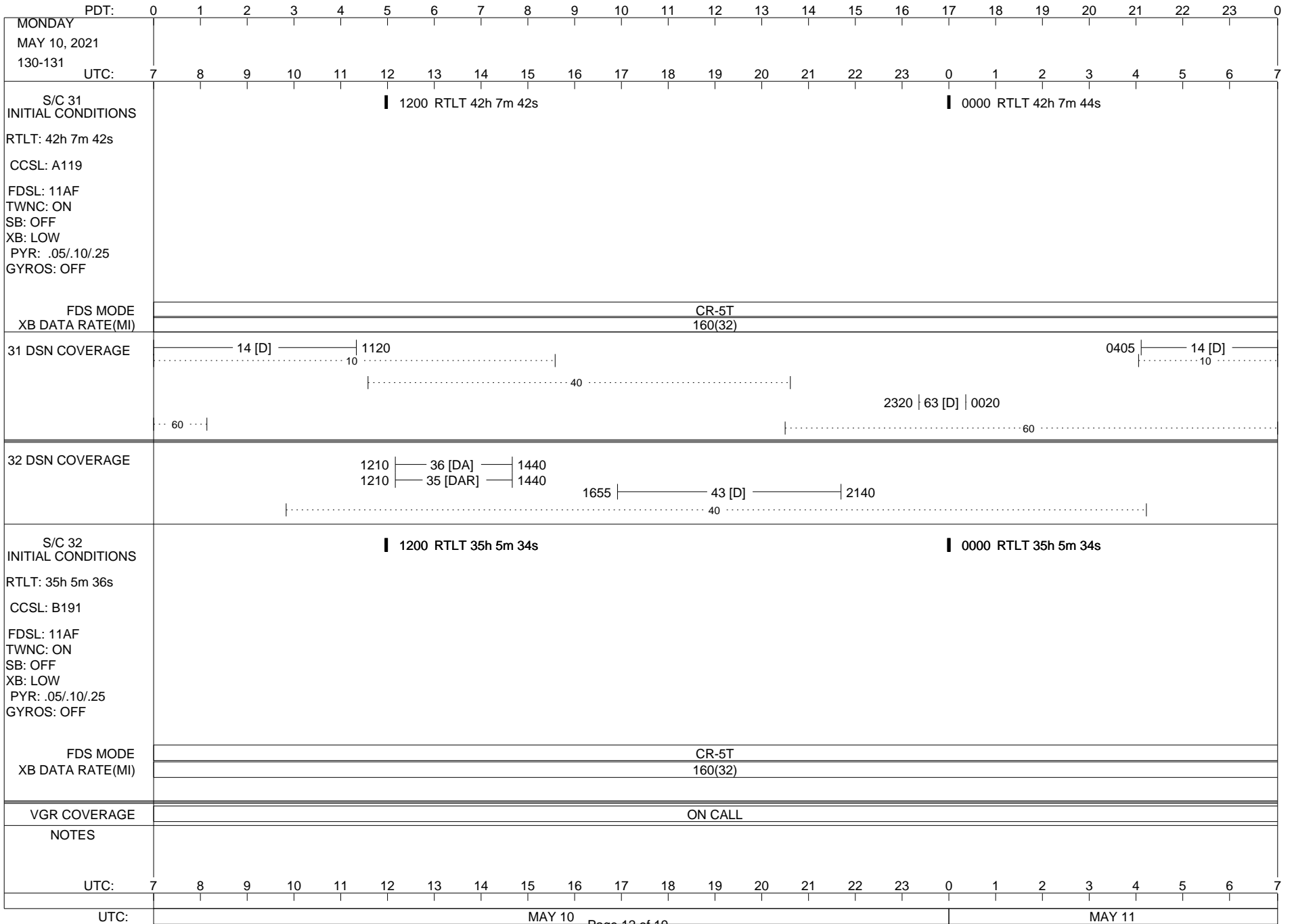
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THURSDAY MAY 6, 2021 126-127																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 42h 7m 30s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 42h 7m 32s												0000 RTLT 42h 7m 32s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] 0915												2245 63 [D] 0300												
32 DSN COVERAGE	1005 43 [D] 1405												2230 43 [D] 0430												
S/C 32 INITIAL CONDITIONS RTLT: 35h 5m 50s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 5m 48s												0000 RTLT 35h 5m 46s												
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 @ 22:58 XB=40(30) [2] S/C 32=CR-5T @ 02:29 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 06												MAY 07												



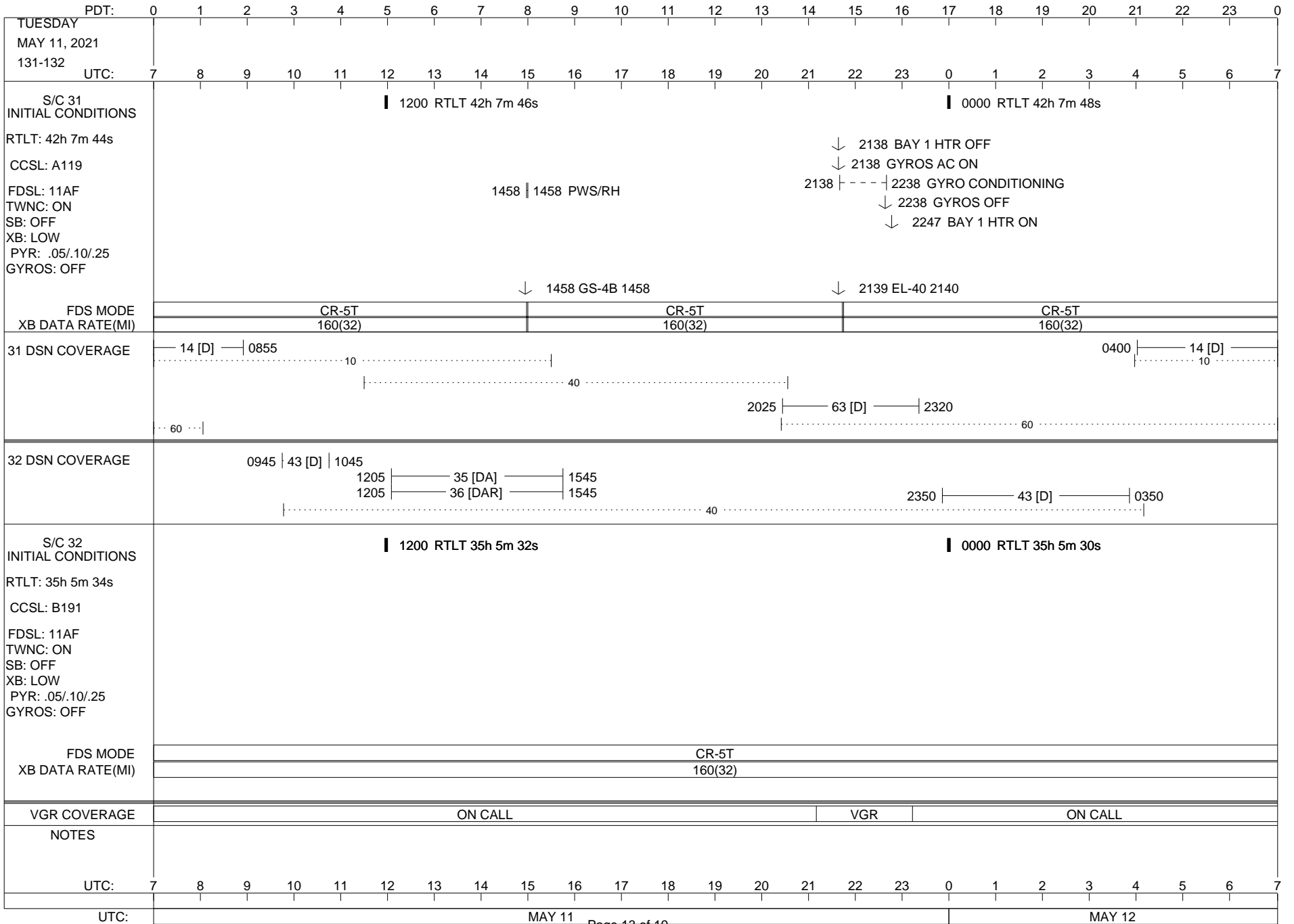
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
SATURDAY MAY 8, 2021 128-129	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 42h 7m 36s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 42h 7m 36s												| 0000 RTLTL 42h 7m 38s												
U/L 0845 | - |	----- TLC (SHORT-FORM) -----																								
	2133 | - - - | 2229 TAPPOS												0034 || 0036 PWS/RH 0046 | - - - - | 0157 TAPPOS												
	↓ 0034 GS-4B 0036																								
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	| 14 [T] | 0705-0915												0410 | 14 [D] |												
	..... 10 ..... |												..... 10 ..... |												
	..... 60 ..... |												2255 | 63 [D] | 0215											
	..... 40 ..... |												..... 60 ..... |												
32 DSN COVERAGE	1020 | 43 [o] | 1525																								
	..... 40 ..... |																								
S/C 32 INITIAL CONDITIONS RTLTL: 35h 5m 44s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 35h 5m 42s												| 0000 RTLTL 35h 5m 40s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	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:	MAY 08												MAY 09												

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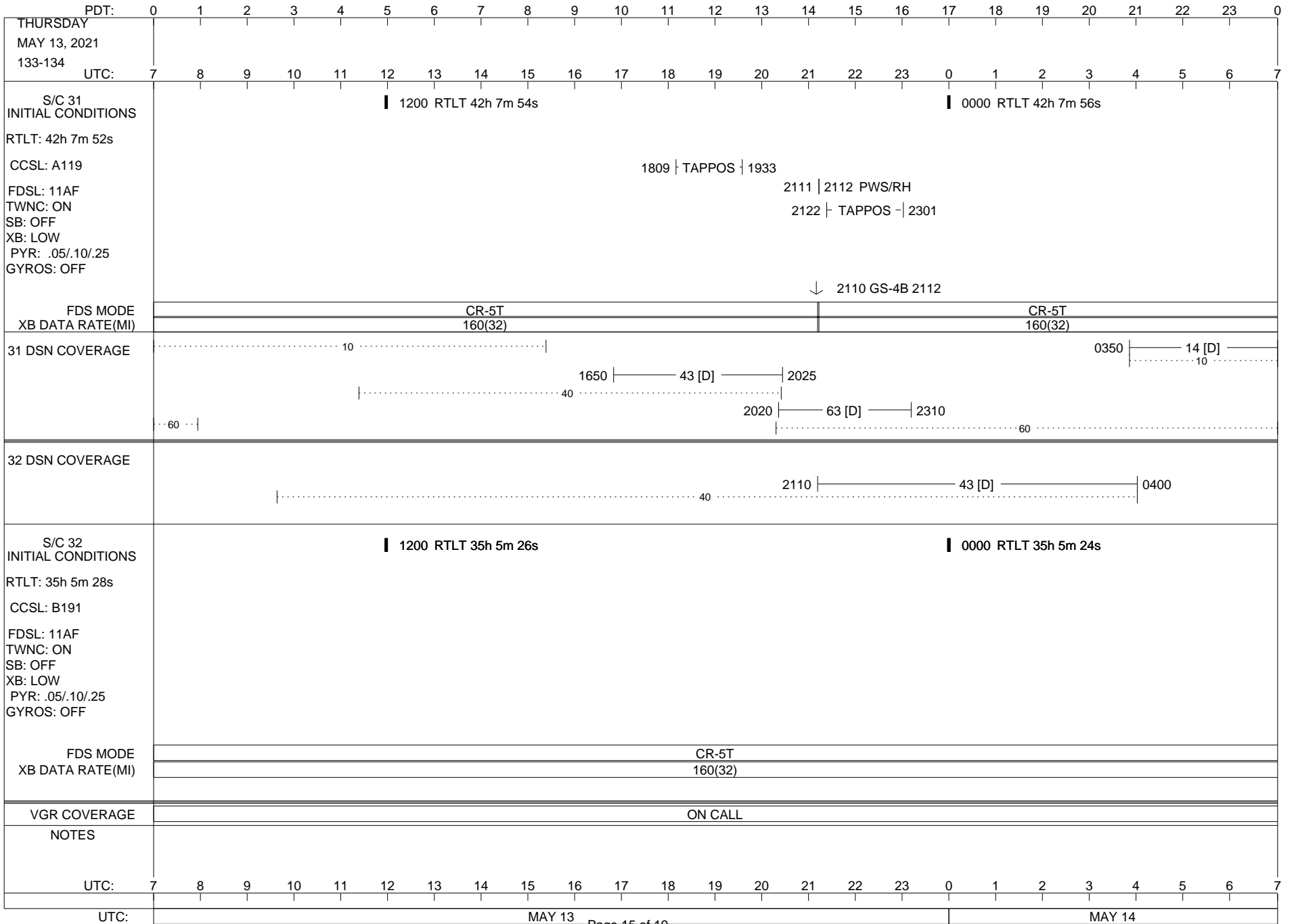
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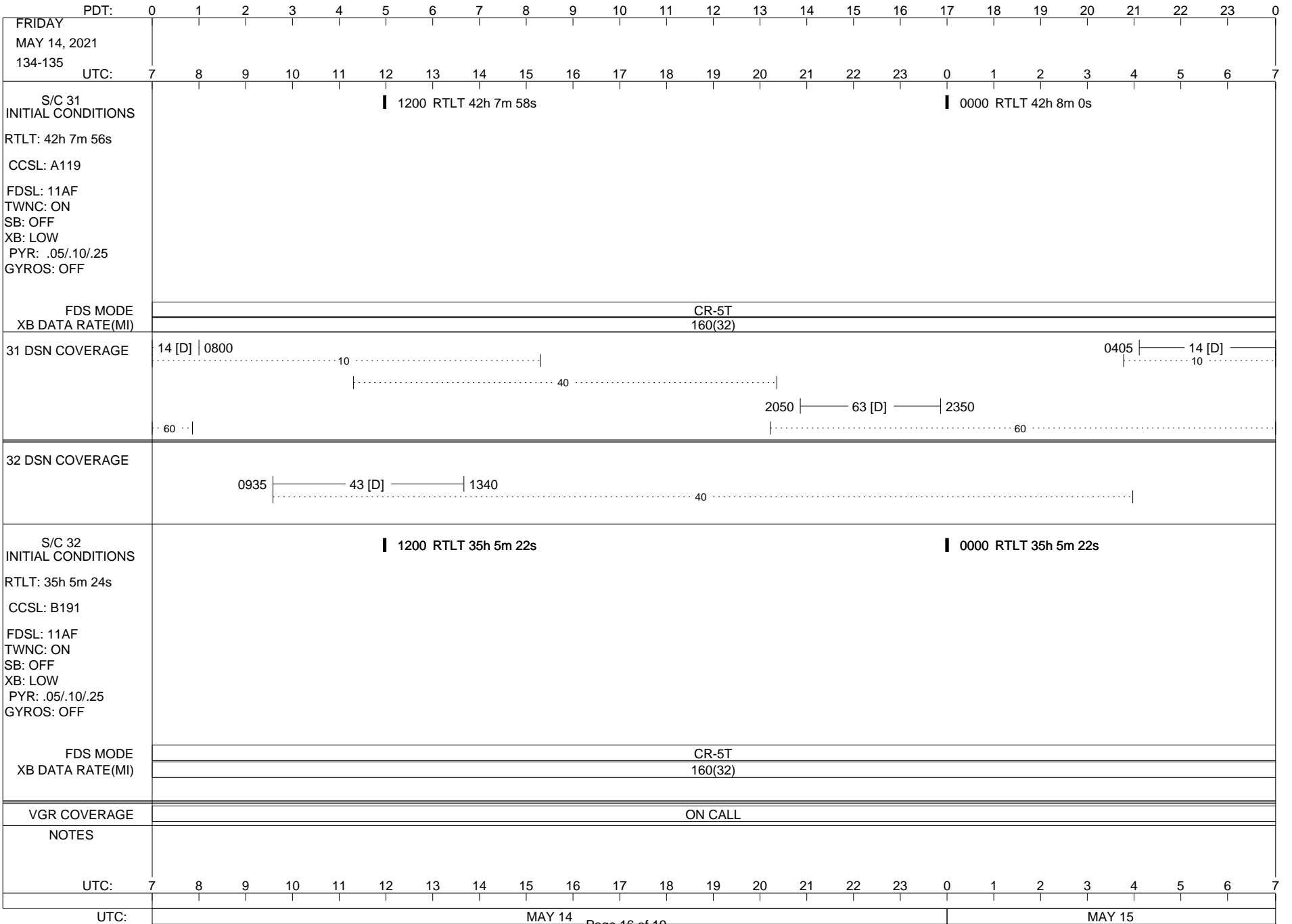
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0			
WEDNESDAY MAY 12, 2021 132-133																												
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLT: 42h 7m 48s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 42h 7m 50s												█ 0000 RTLT 42h 7m 52s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	14 [D] | 0800												| ..... 10 ..... |															
	| ..... 10 ..... |												| ..... 40 ..... |															
	| ..... 60 ..... |												2200 | ..... 63 [D] ..... | 0200														
													| ..... 60 ..... |															
32 DSN COVERAGE	1110 | ..... 43 [H1] ..... | 0155												| ..... 40 ..... |															
S/C 32 INITIAL CONDITIONS RTLT: 35h 5m 30s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 35h 5m 28s												█ 0000 RTLT 35h 5m 28s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
VGR COVERAGE	ON CALL				VGR				ON CALL																			
NOTES	[1] B192 BACKUP U/L SUPPORT, HP DRV ON >= 11:10																											
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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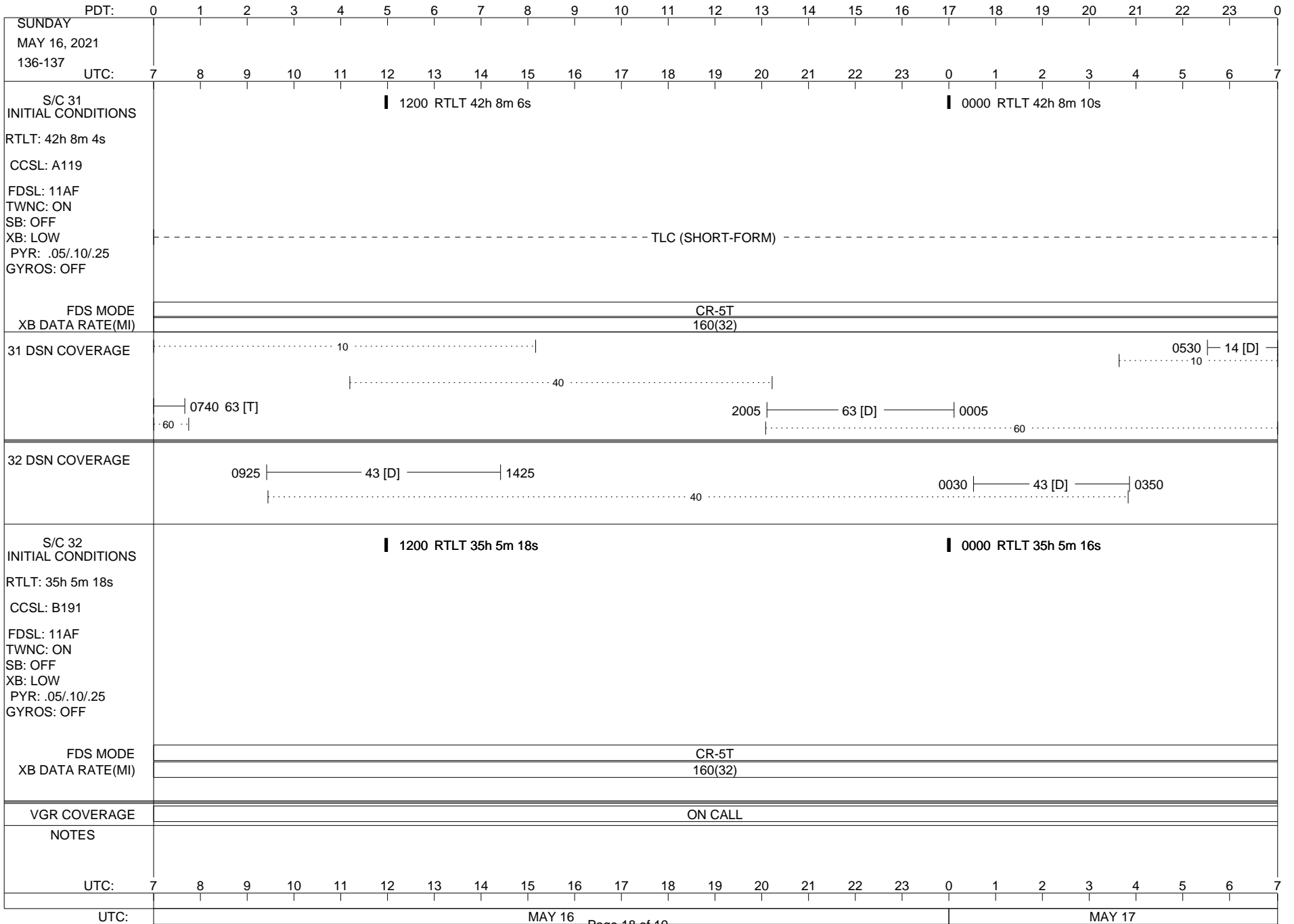


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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0			
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
SATURDAY MAY 15, 2021 135-136																												
S/C 31 INITIAL CONDITIONS RTLTL: 42h 8m 0s CCSL: A119 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 42h 8m 2s														0000 RTLTL 42h 8m 4s													
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
31 DSN COVERAGE	14 [D] | 0805 ..... | ..... 10 ..... | ..... 40 ..... | ..... 2025 | ..... 63 [T] ..... | ..... 60 ..... | ..... 10 ..... | .....																											
32 DSN COVERAGE	0930 | ..... 43 [D] ..... | 1330 ..... | ..... 40 ..... | .....																											
S/C 32 INITIAL CONDITIONS RTLTL: 35h 5m 22s CCSL: B191 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 35h 5m 20s														0000 RTLTL 35h 5m 18s													
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														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			
UTC:	MAY 15														MAY 16													



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