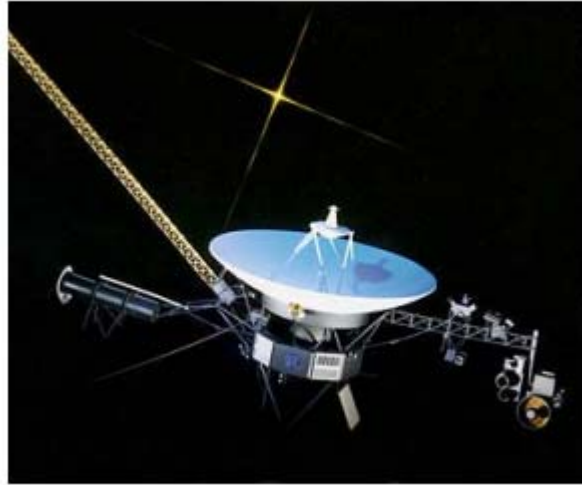


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: June 14, 2023

For the Period: 06/15/23 to 07/10/23 (23/166 – 23/191)

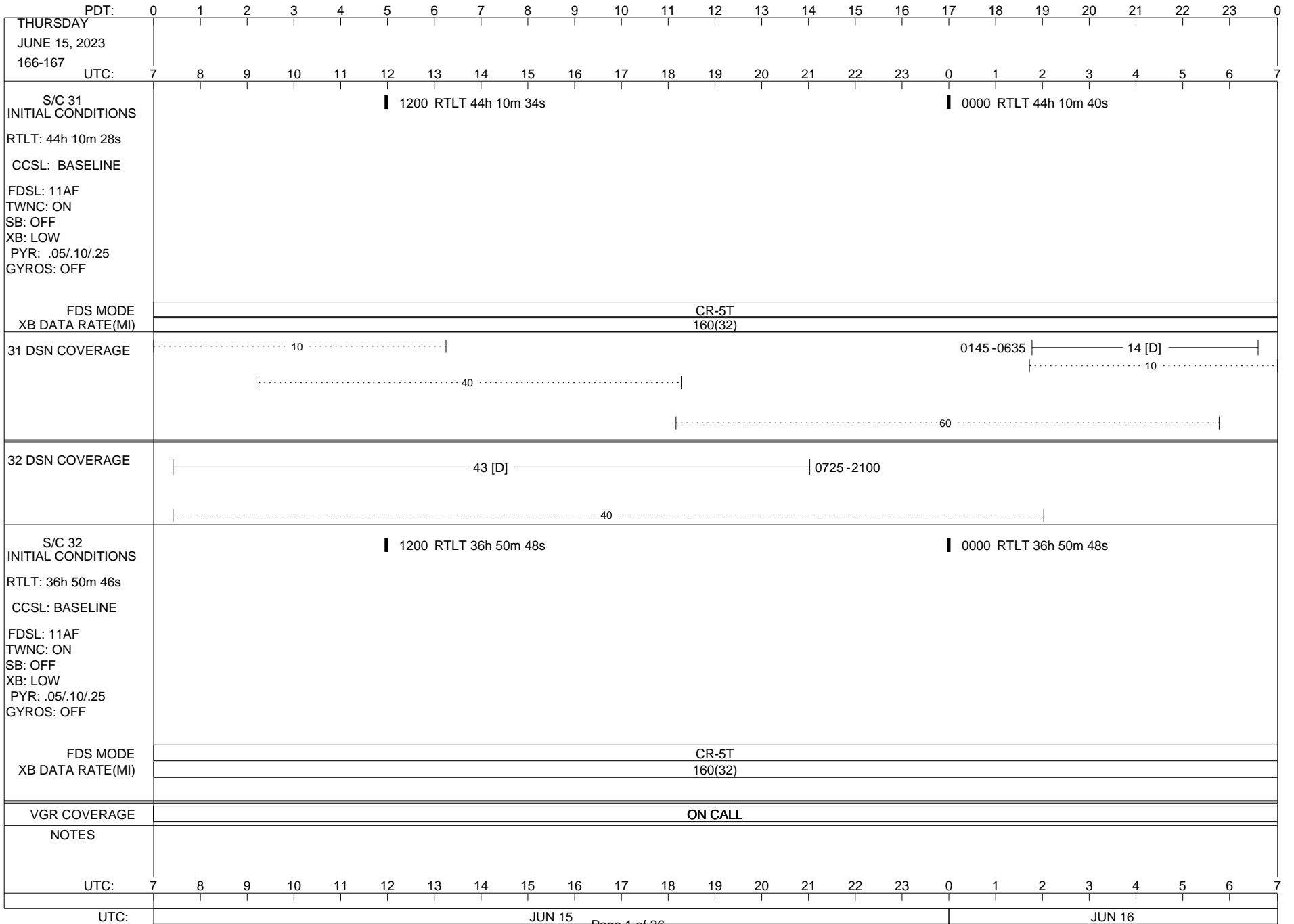


Posted at <https://voyager.jpl.nasa.gov/mission/status/>

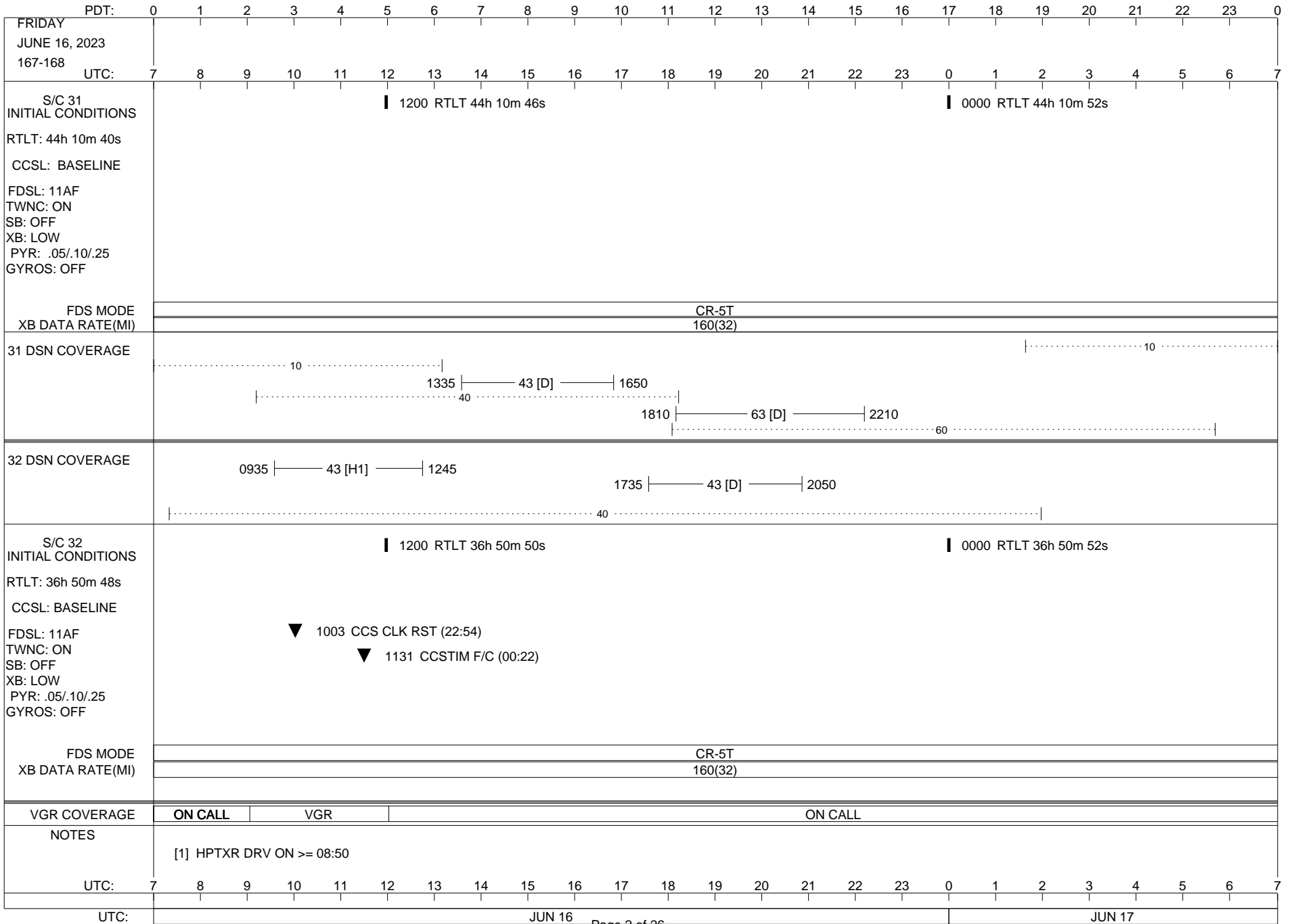
LEGEND:

- ▽ = 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

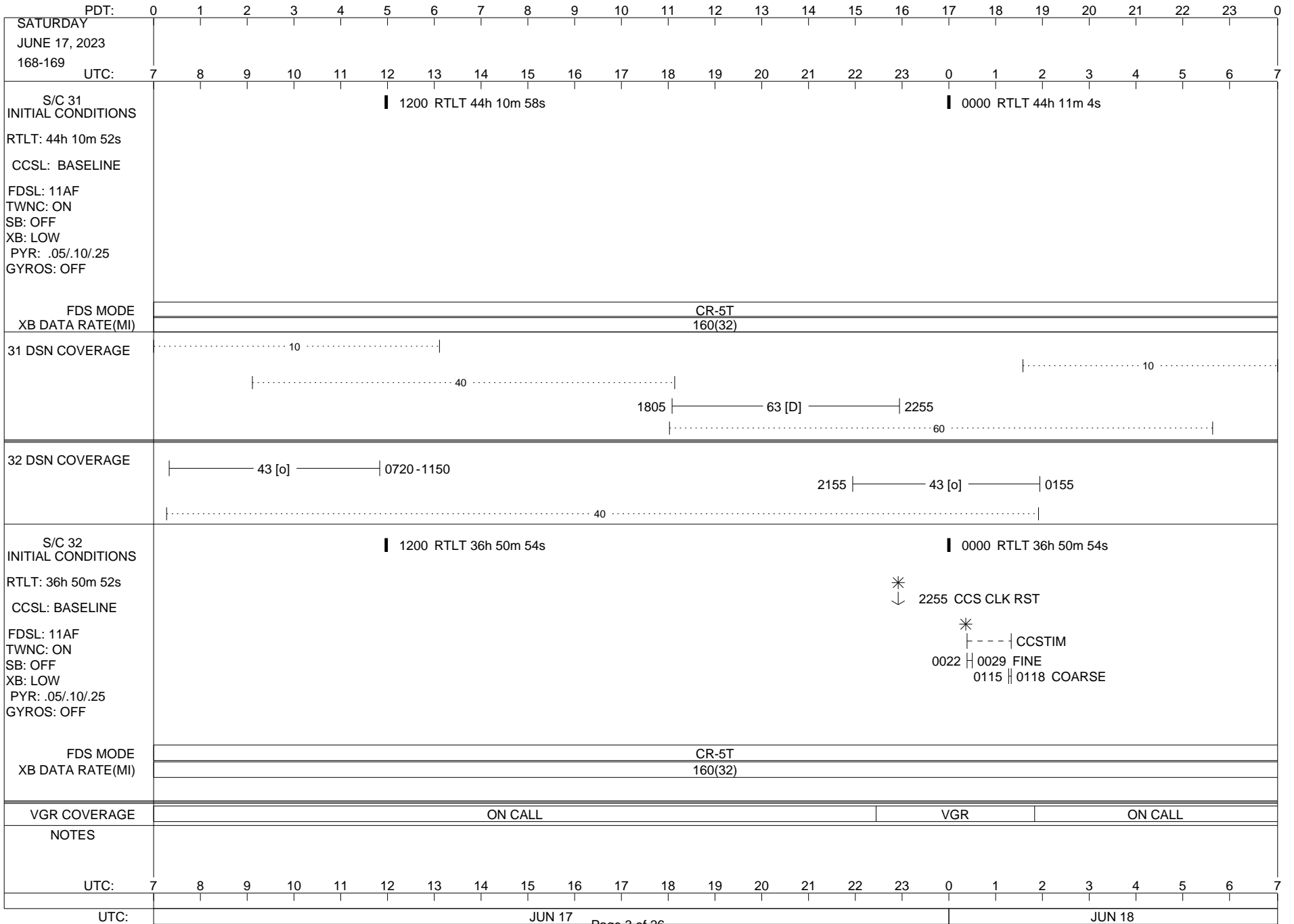
ISSUE DATE: 06/14/23 08:02

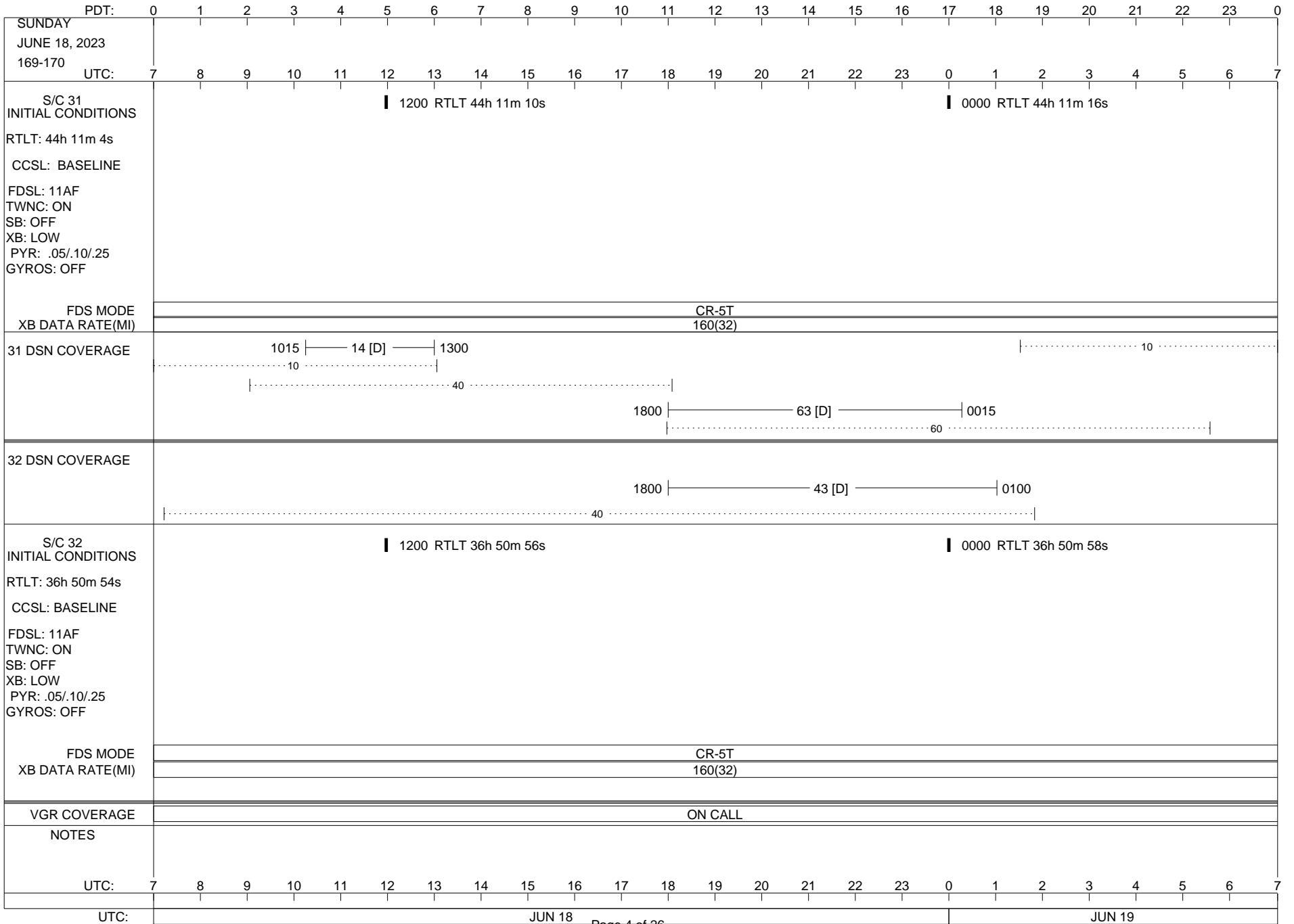


ISSUE DATE: 06/14/23 08:02



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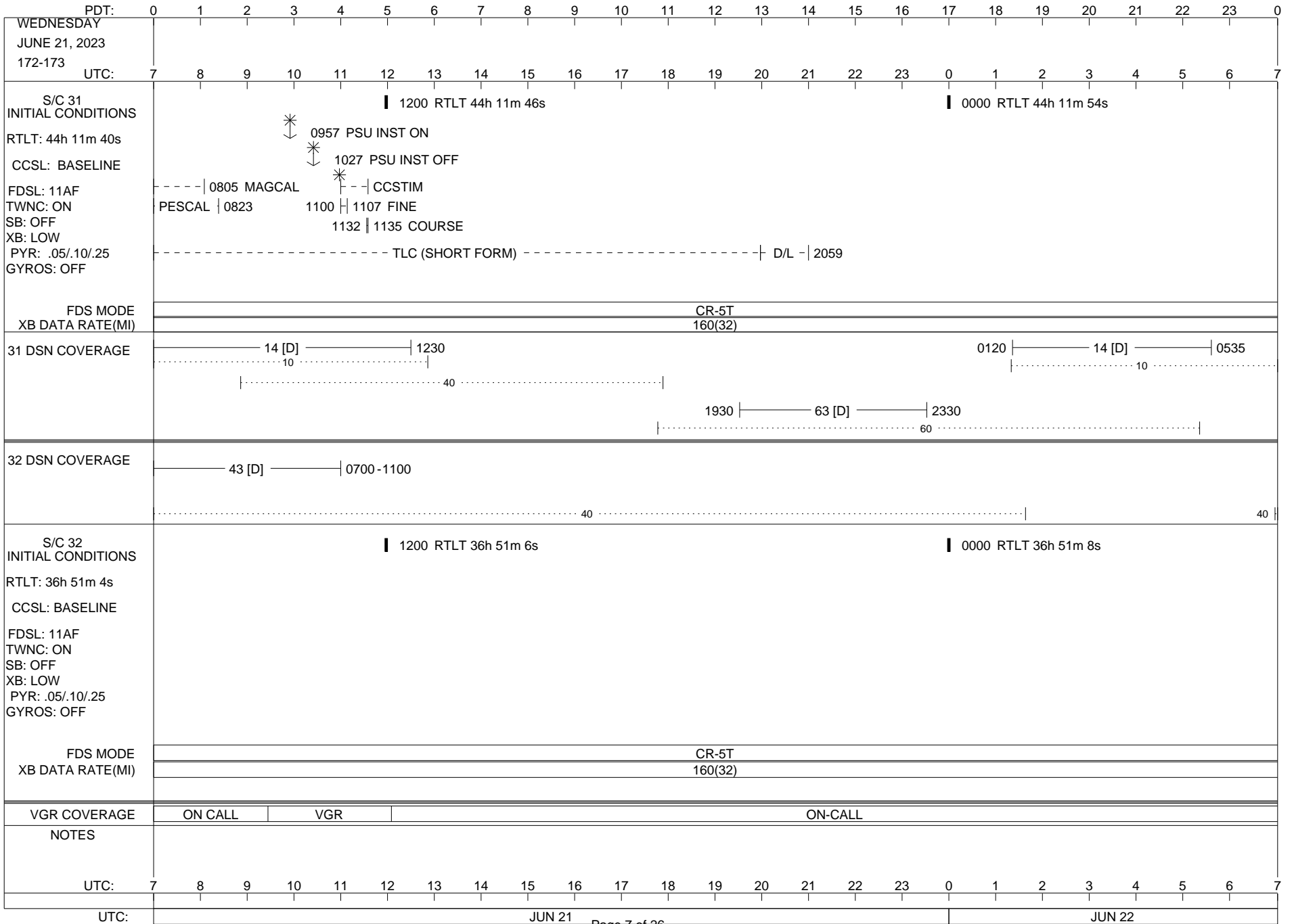
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MONDAY JUNE 19, 2023 170-171	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 44h 11m 16s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 44h 11m 22s												0000 RTLT 44h 11m 28s												
	▼ 1345 CC8D PSU INST ON (09:57)																								
	▼ 1416 CC8DR PSU INST OFF (10:27)																								
	▼ 1449 CCSTIM F/C (11:00)																								
	U/L 2320 | - | - - - - - TLC (SHORT FORM) - - - - -																								
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	10 ..... |												0215-0630 |----- 14 [D] ----- |												
	1225 |----- 43 [H] ----- | 1625												|----- 10 ----- |												
	|----- 40 ----- |												2020 |----- 63 [T] ----- | 0005												
													|----- 60 ----- |												
32 DSN COVERAGE	|----- 43 [D] ----- | 0710 - 1105																								
	1045 |----- 36 [DAR] ----- | 1430																								
	1045 |----- 35 [DA] ----- | 1430																								
	|----- 40 ----- |																								
S/C 32 INITIAL CONDITIONS RTLT: 36h 50m 58s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 51m 0s												0000 RTLT 36h 51m 2s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	JPL HOLIDAY!																								
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												

ISSUE DATE: 06/14/23 08:02

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			
TUESDAY JUNE 20, 2023 171-172																												
S/C 31 INITIAL CONDITIONS RTLTL: 44h 11m 28s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 44h 11m 34s												0000 RTLT 44h 11m 40s															
	1247 | 1248 PWS/RH												0504 | - MAGCAL - 0504 | - PESCAL -															
	----- TLC (SHORT FORM) -----																											
	↓ 1247 GS-4B 1248																											
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
31 DSN COVERAGE	.....10.....|										.....40.....|										0350 |----- 14 [D] -----|							
	|----- 43 [D] -----| 0705-1105										.....40.....|										1845 |----- 63 [D] -----| 2045 |----- 60 .....|							
32 DSN COVERAGE	|----- 43 [D] -----| 0705-1105										.....40.....|										2125 |----- 2225 43 [D1] -----|							
	|----- 43 [D] -----| 0705-1105										.....40.....|										43 [D] 0700							
S/C 32 INITIAL CONDITIONS RTLTL: 36h 51m 2s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 51m 2s												0000 RTLT 36h 51m 4s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																											
VGR COVERAGE	ON CALL																											
NOTES	[1] DSS-43 ECC PIT																											
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 20														JUN 21													

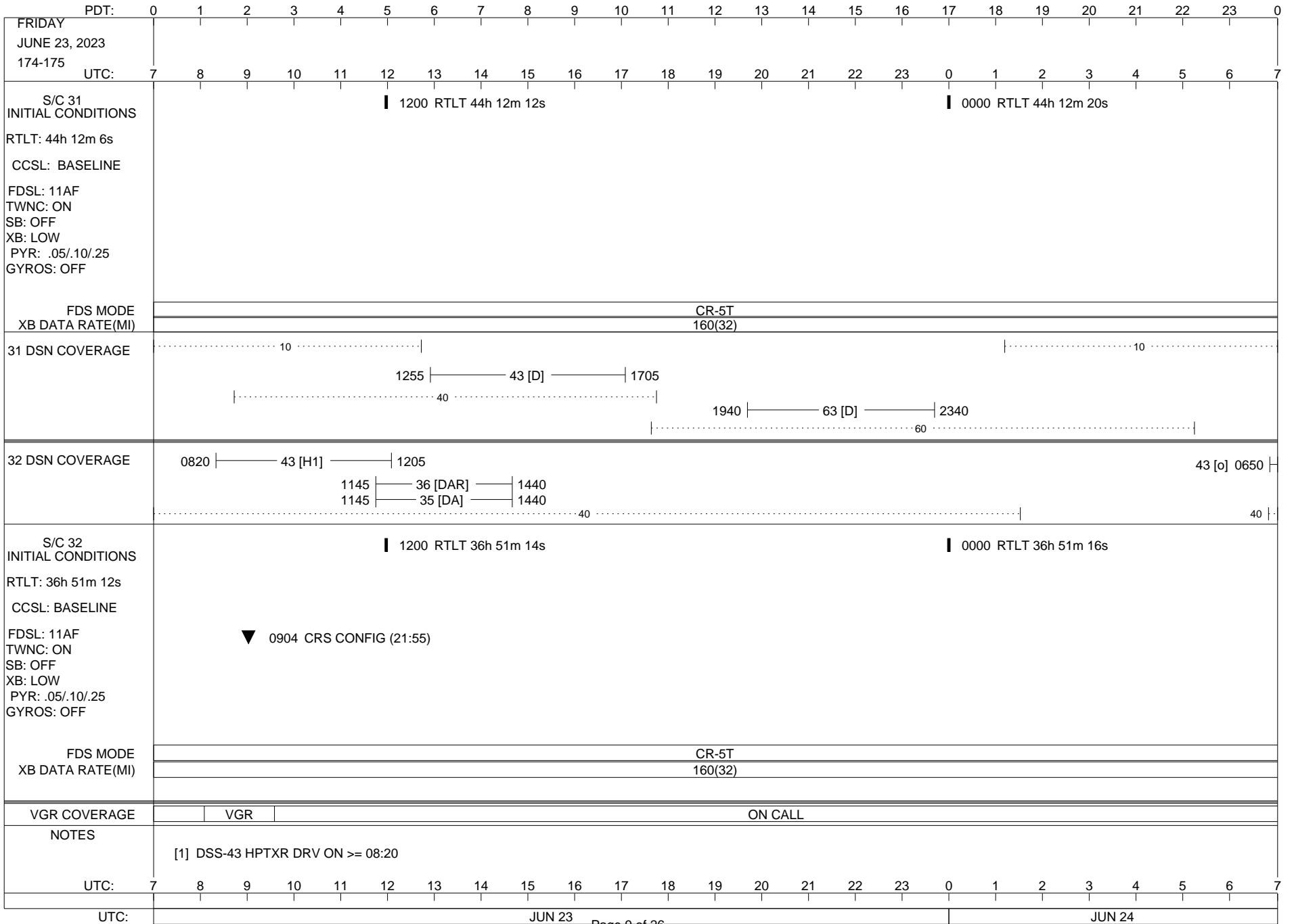
ISSUE DATE: 06/14/23 08:02



ISSUE DATE: 06/14/23 08:02

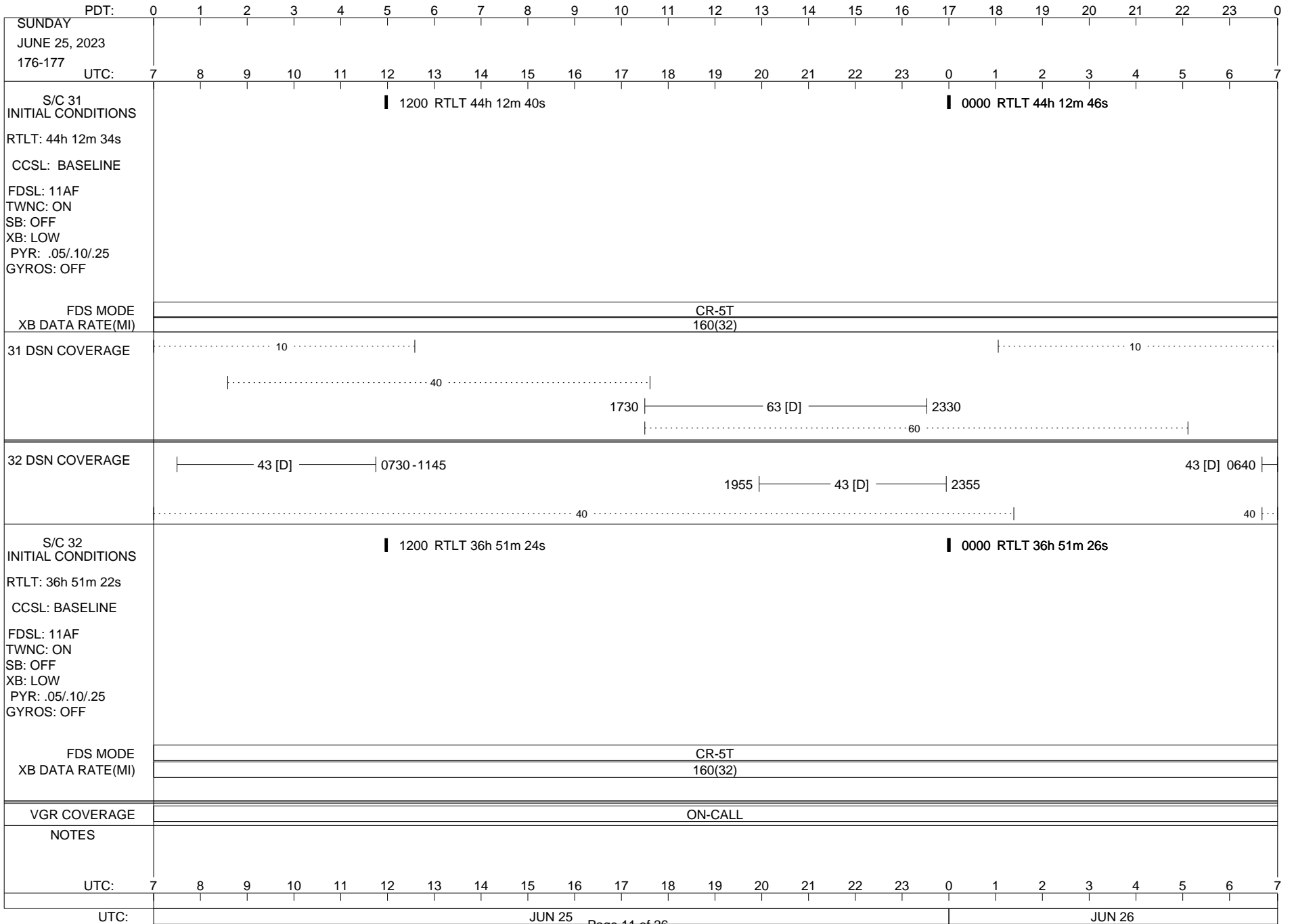
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THURSDAY JUNE 22, 2023 173-174	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 44h 11m 54s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 44h 12m 0s												0000 RTLT 44h 12m 6s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	..... 10 .....												..... 10											
	..... 40 .....												..... 40											
	..... 1930 63 [D] 0110 .....												..... 60											
32 DSN COVERAGE	..... 43 [D] 0725-1225 .....												..... 40											
S/C 32 INITIAL CONDITIONS RTLT: 36h 51m 8s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 51m 10s												0000 RTLT 36h 51m 12s												
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:	JUN 22												JUN 23												

ISSUE DATE: 06/14/23 08:02

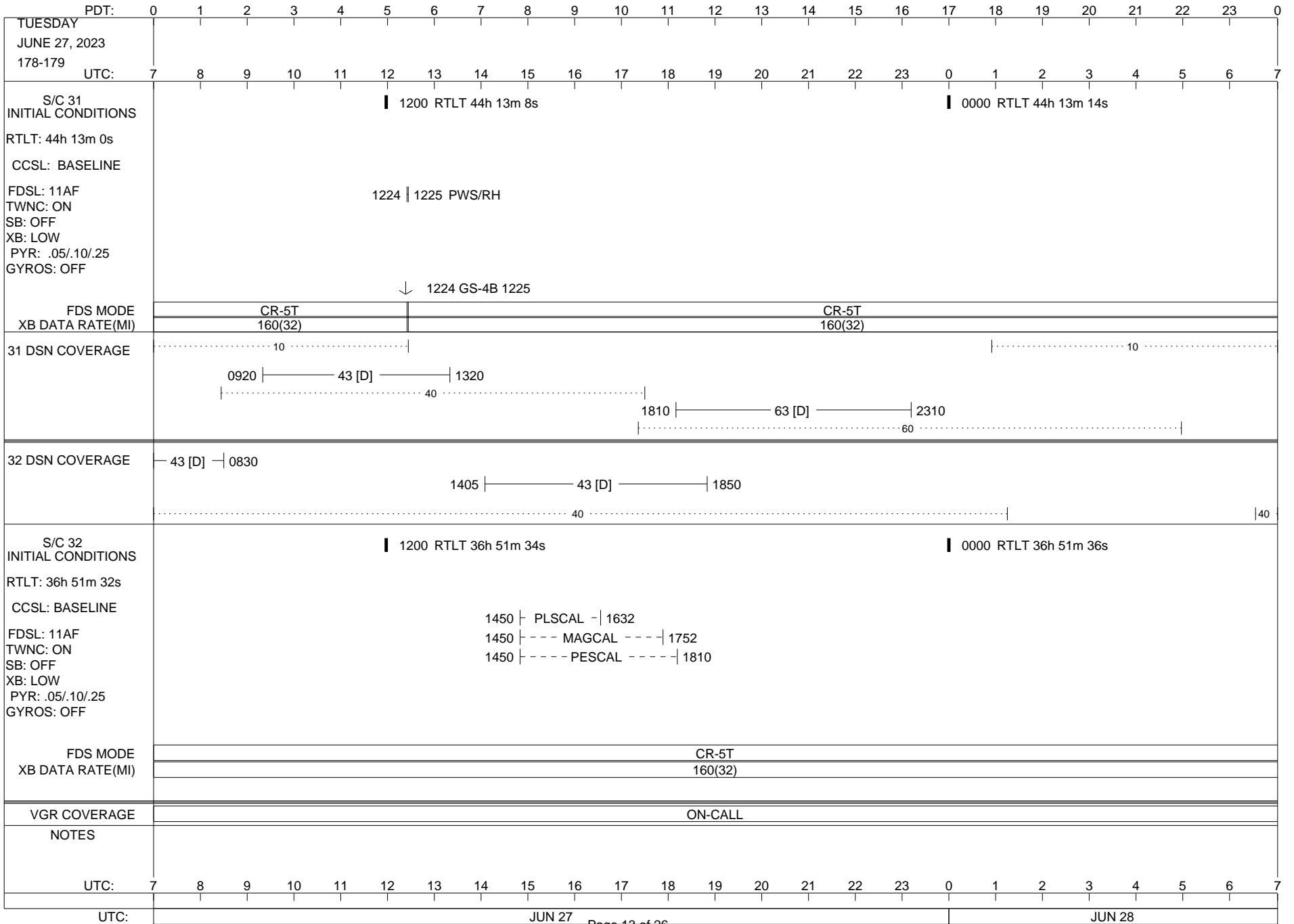


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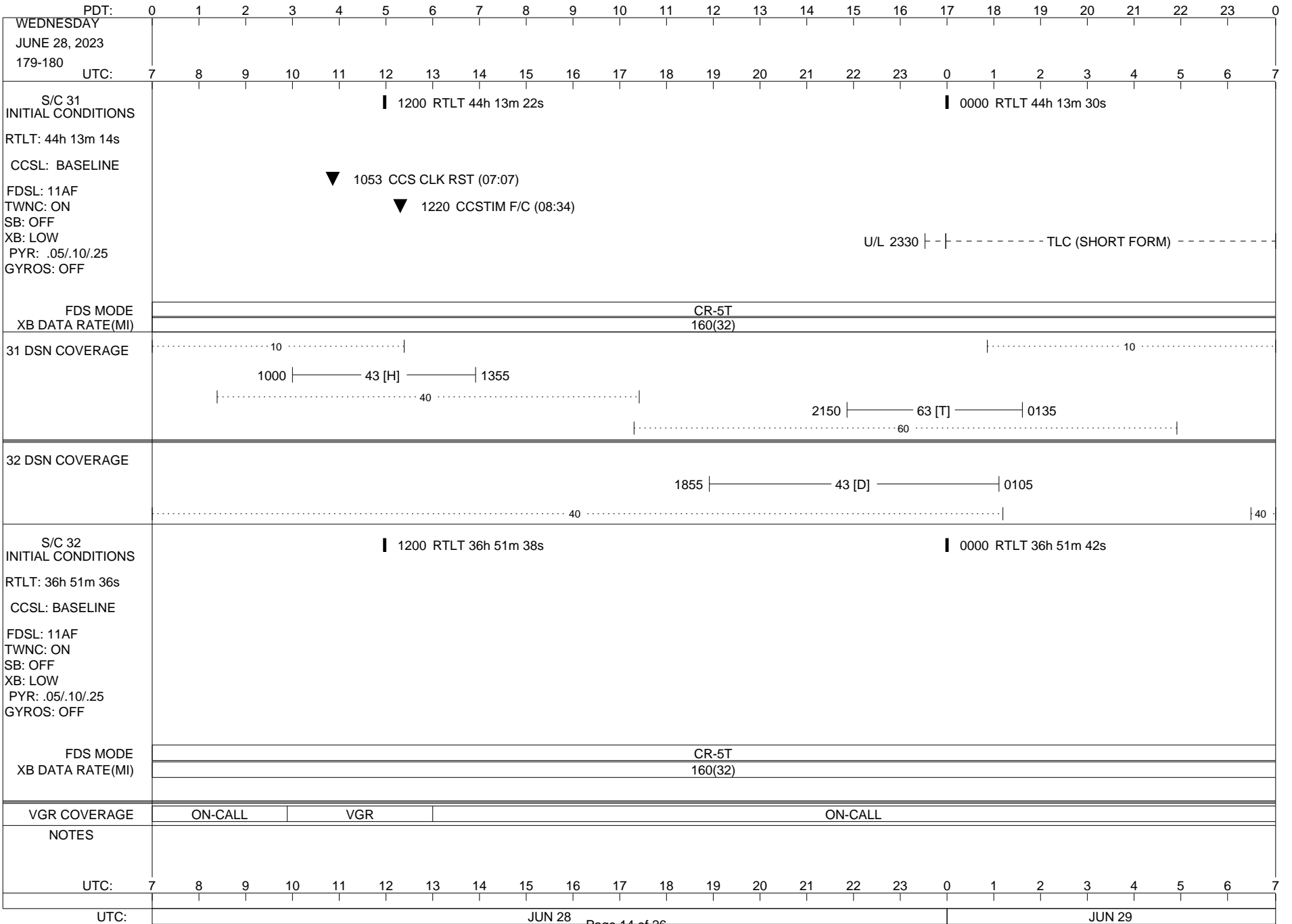
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SATURDAY JUNE 24, 2023 175-176	UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 44h 12m 20s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 44h 12m 26s													| 0000 RTLTL 44h 12m 34s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																										
31 DSN COVERAGE	|.....10.....|										|.....10.....|																
	|.....40.....|					1735 |----- 63 [D] -----| 2235					|.....60.....|																
32 DSN COVERAGE	|----- 43 [o] -----| 1050															2055 |----- 43 [D] -----| 0055					|.....40.....|						
S/C 32 INITIAL CONDITIONS RTLTL: 36h 51m 16s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 36h 51m 20s													| 0000 RTLTL 36h 51m 22s													
FDS MODE XB DATA RATE(MI)	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:	JUN 24														JUN 25												

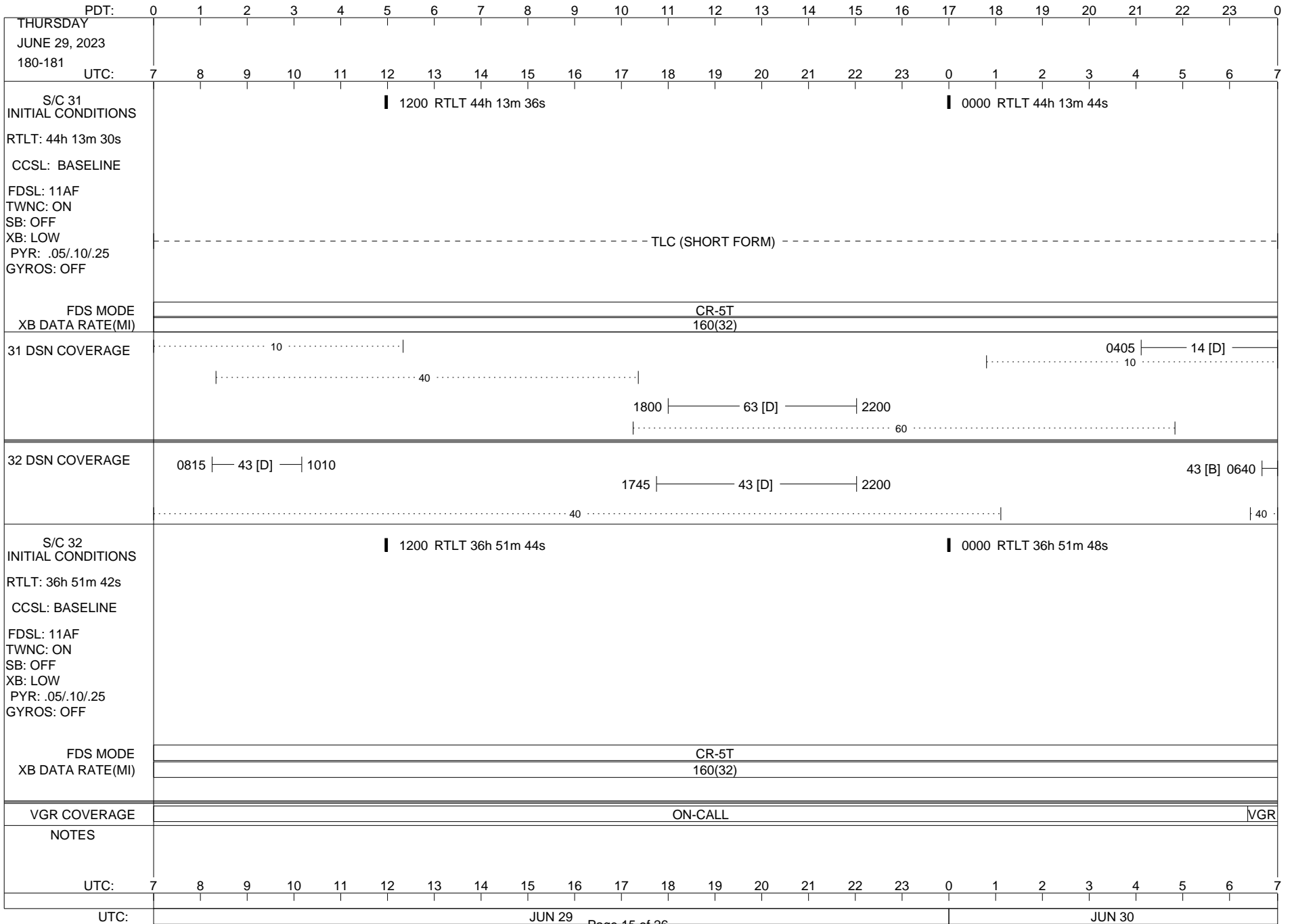


PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	
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S/C 31 INITIAL CONDITIONS RTLT: 44h 12m 46s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 44h 12m 54s												0000 RTLT 44h 13m 0s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	.....10.....|												|.....10.....											
	|.....40.....|												2330 |-----63 [D]-----|0450												
													|.....60.....|													
32 DSN COVERAGE	-----43 [D]-----|1130												2010 |---43 [D]---|2140													
	|.....40.....|												|.....40.....|													
S/C 32 INITIAL CONDITIONS RTLT: 36h 51m 26s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 51m 28s												0000 RTLT 36h 51m 32s													
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 26													JUN 27												

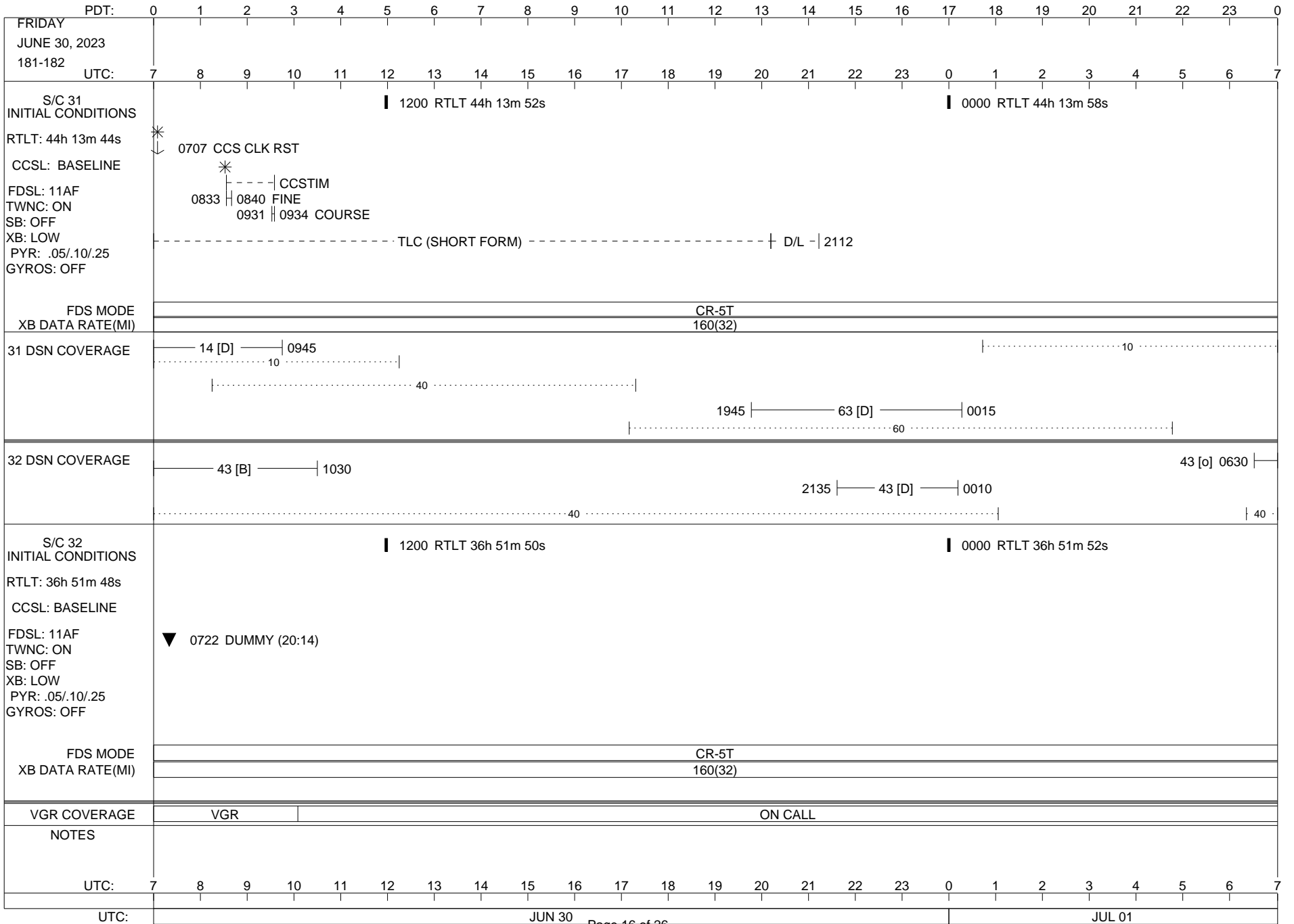


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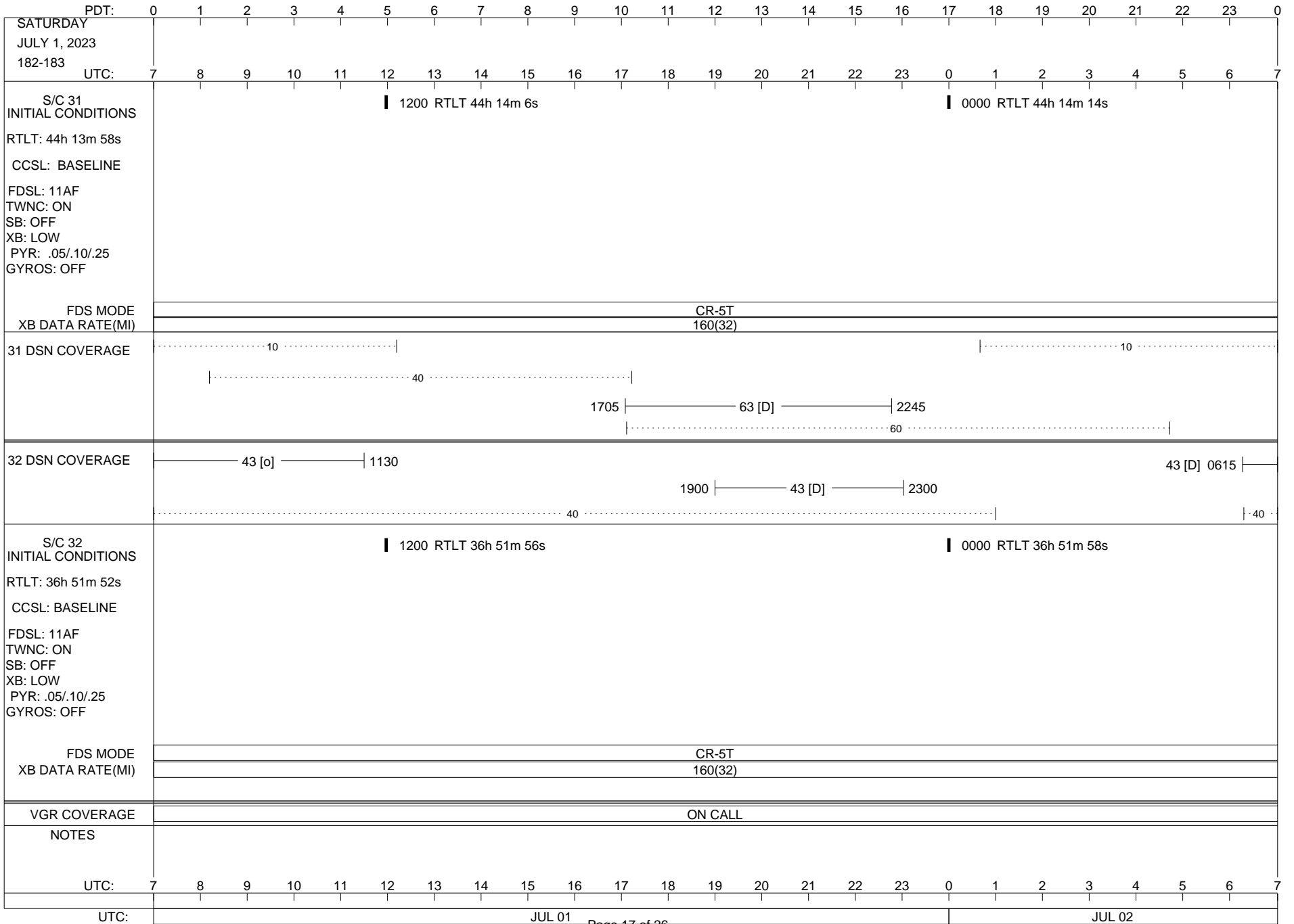


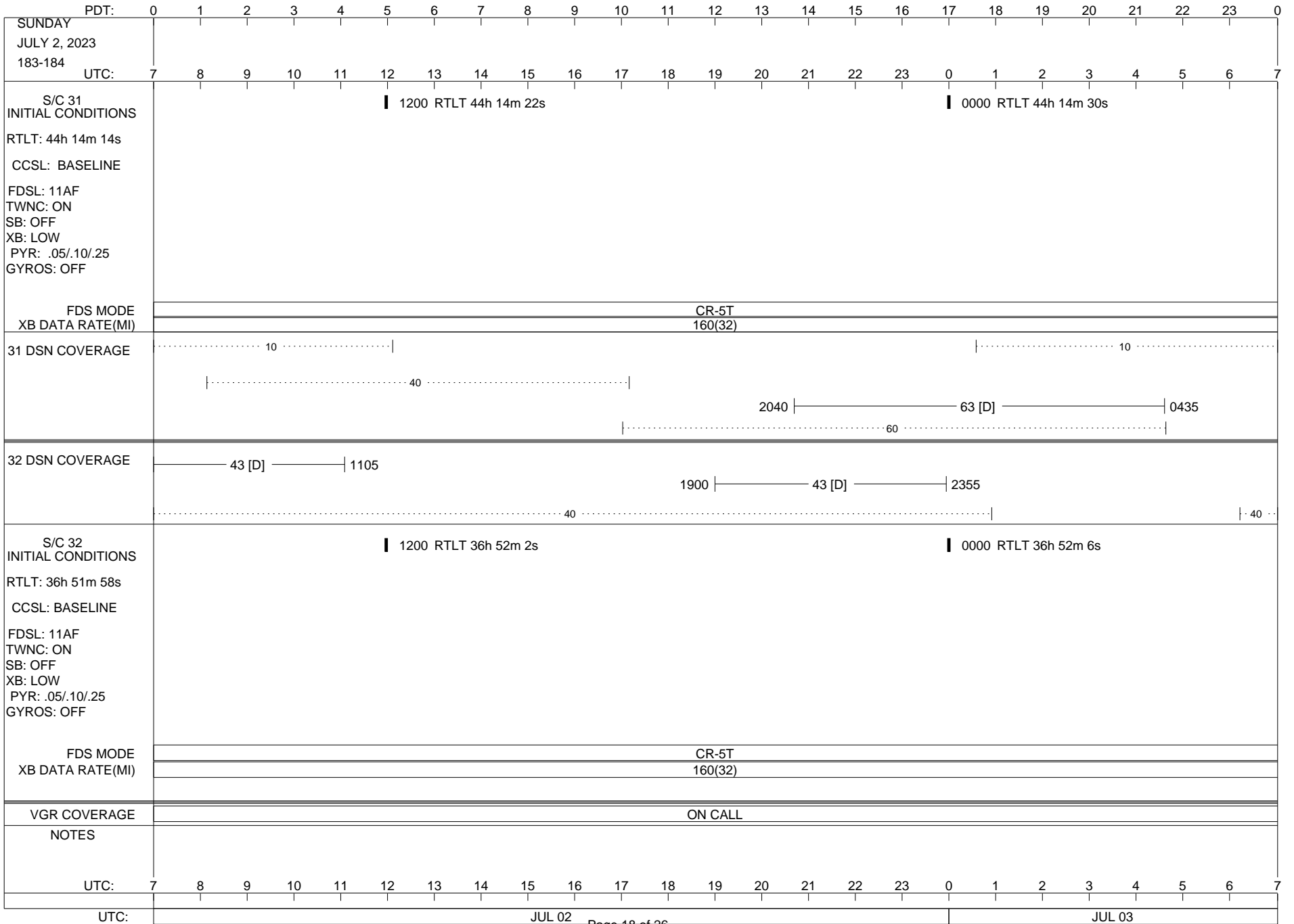


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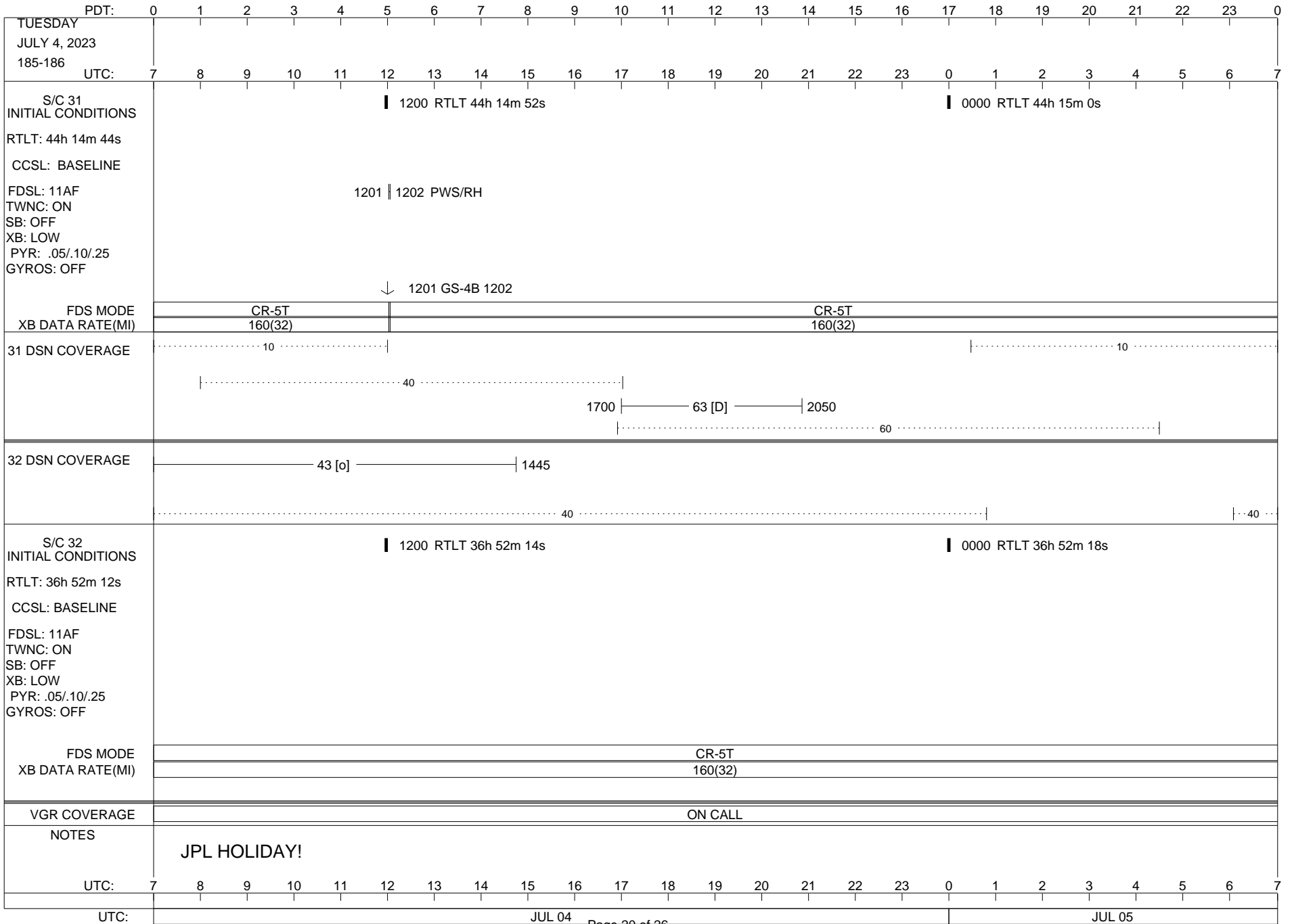




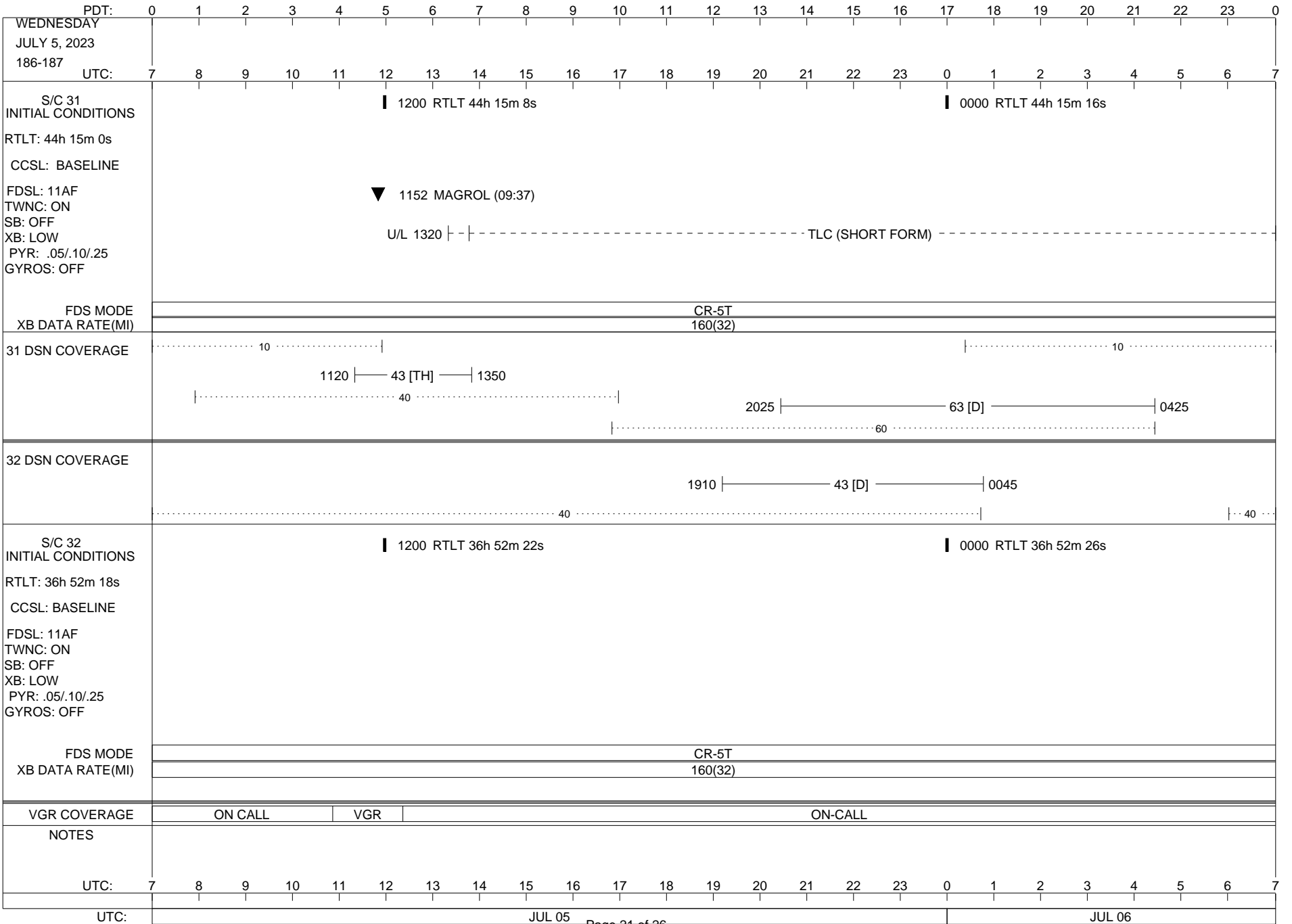
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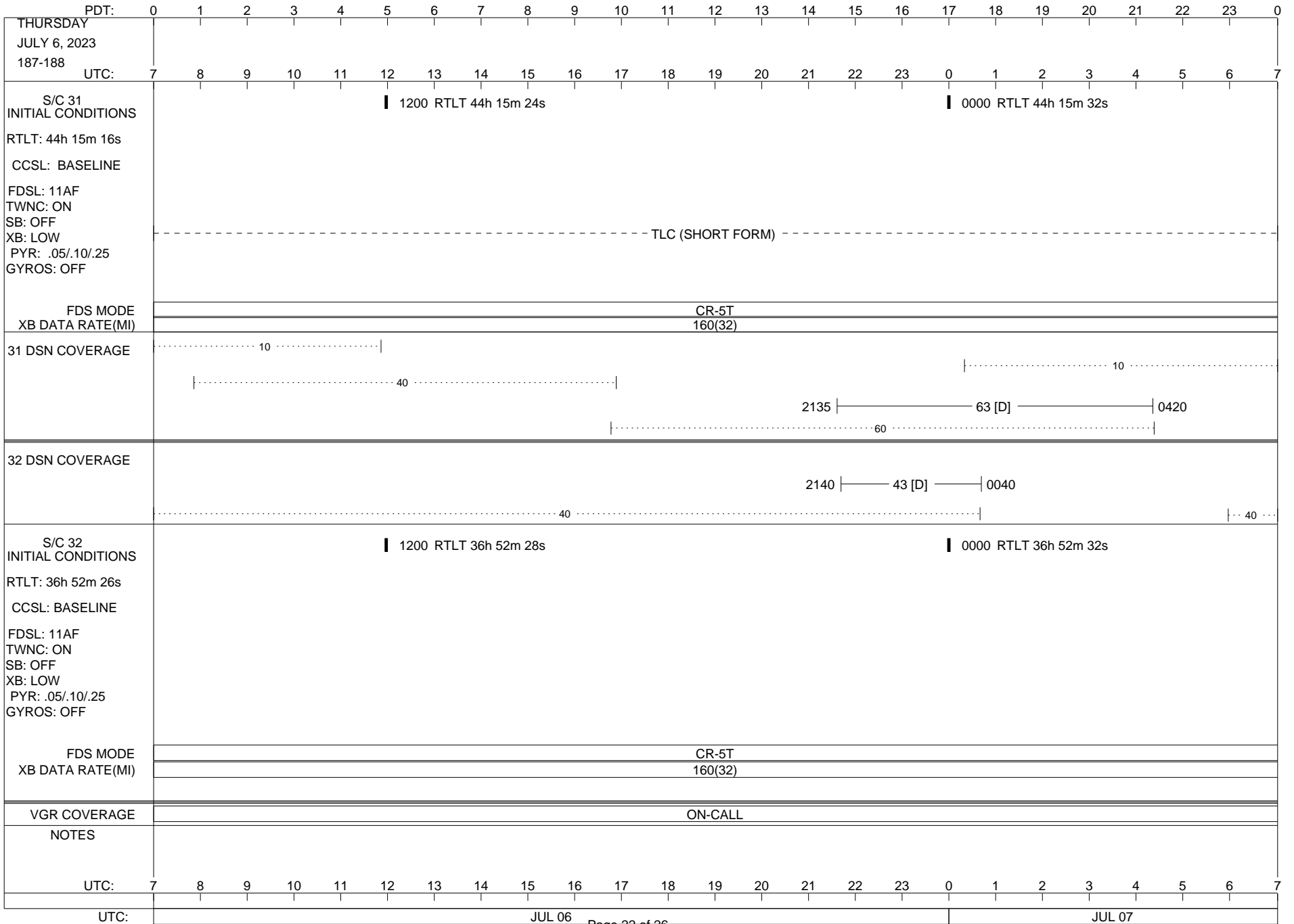
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MONDAY JULY 3, 2023 184-185																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 44h 14m 30s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 44h 14m 36s												| 0000 RTLT 44h 14m 44s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	..... 10 .....												..... 10											
	|----- 40 -----|												|----- 60 -----|												
	1705 |----- 63 [D] -----| 2115																								
32 DSN COVERAGE	1020 |----- 43 [D] -----| 1420												43 [o] 0645 |												
	..... 40 .....												| 40 ..											
S/C 32 INITIAL CONDITIONS RTLT: 36h 52m 6s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 36h 52m 8s												| 0000 RTLT 36h 52m 12s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE													ON CALL												
NOTES	JPL HOLIDAY!																								
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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ISSUE DATE: 06/14/23 08:02



ISSUE DATE: 06/14/23 08:02

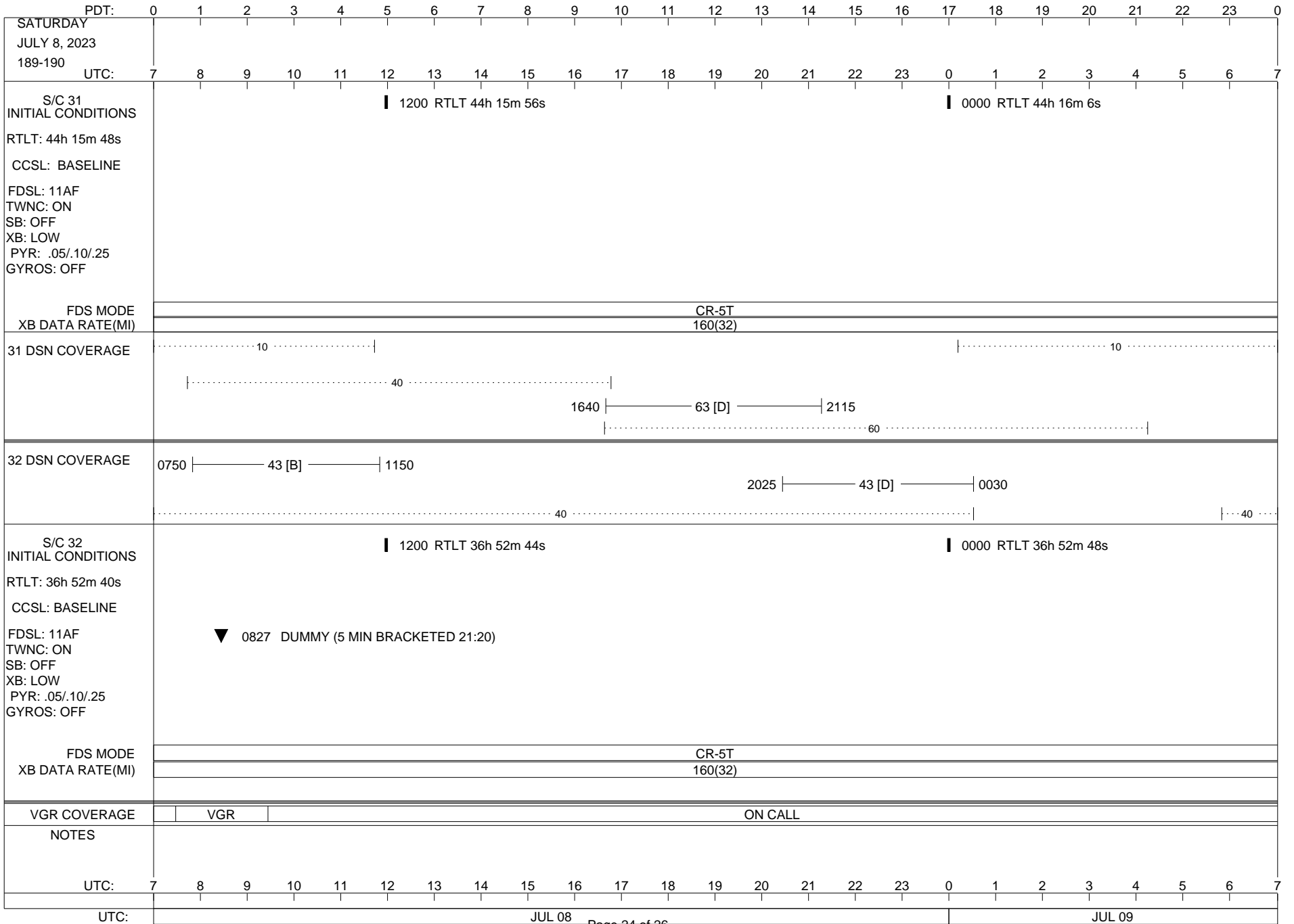




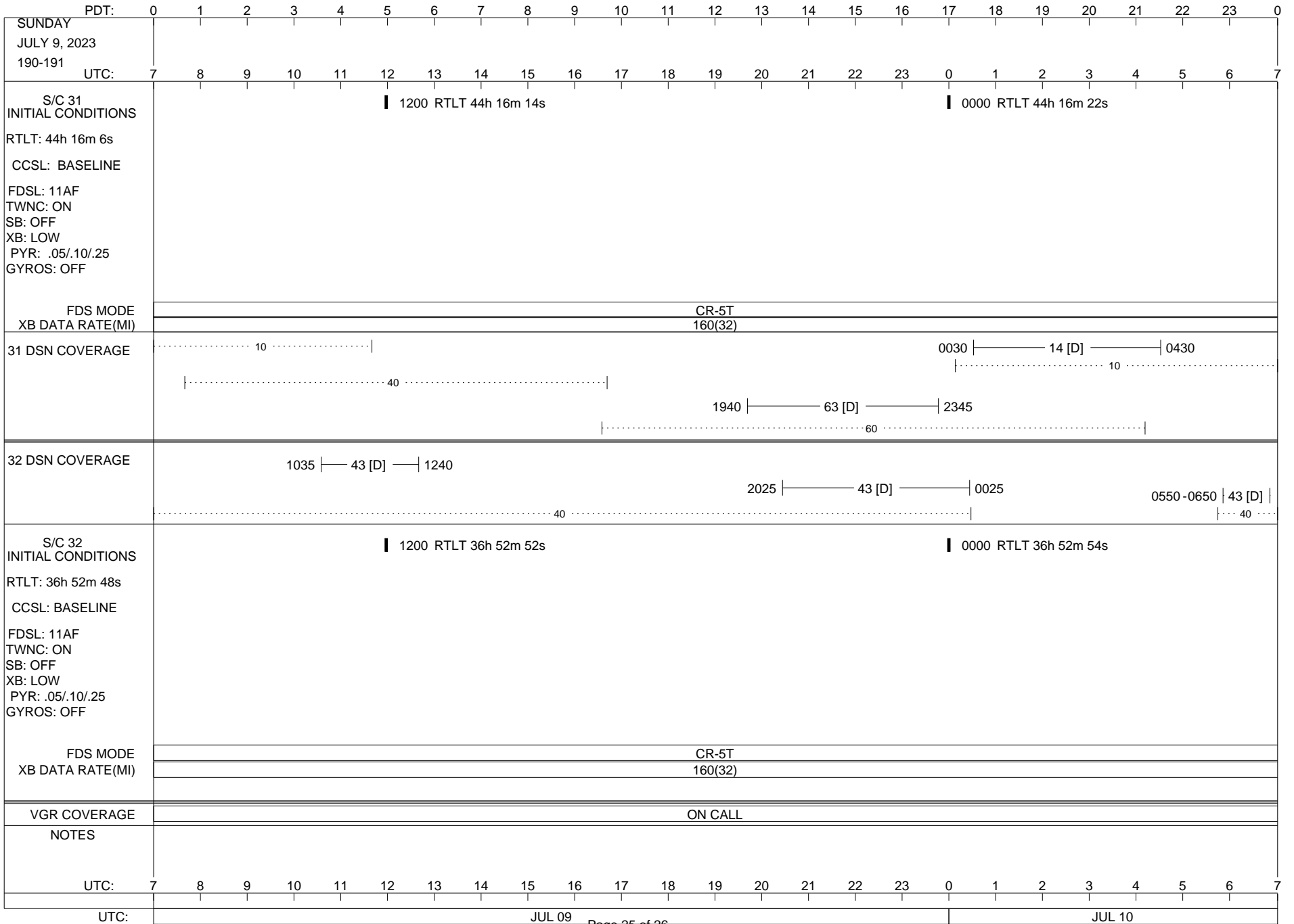
ISSUE DATE: 06/14/23 08:02

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FRIDAY JULY 7, 2023 188-189																											
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: 44h 15m 32s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF							1200													0000							
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE		14 [D] 0710-1145												10													
		10												40													
														60													
32 DSN COVERAGE		43 [D] 0725-1125												2105 43 [D] 2300													
														40													
														40													
S/C 32 INITIAL CONDITIONS RTLT: 36h 52m 32s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF							1200													0000							
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:		JUL 07												JUL 08													

ISSUE DATE: 06/14/23 08:02



ISSUE DATE: 06/14/23 08:02



ISSUE DATE: 06/14/23 08:02

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	
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S/C 31 INITIAL CONDITIONS RTLT: 44h 16m 22s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 44h 16m 30s												█ 0000 RTLT 44h 16m 38s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	.....| |----- 43 [D] -----| 0740-1005 .....| .....|----- 40 -----| .....|----- 60 -----|												0130 |----- 14 [D] -----| 0515 .....|----- 10 -----|													
32 DSN COVERAGE	1050 | 43 [D] | 1150												1935 | 43 [D] | 2140													
	.....|----- 40 -----|												|----- 40 -----|													
S/C 32 INITIAL CONDITIONS RTLT: 36h 52m 54s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 36h 52m 58s												█ 0000 RTLT 36h 53m 2s													
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:	JUL 10													JUL 11												