

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: July 1, 2015

For the Period: 07/02/15 to 08/03/15 (15-183 – 15-215)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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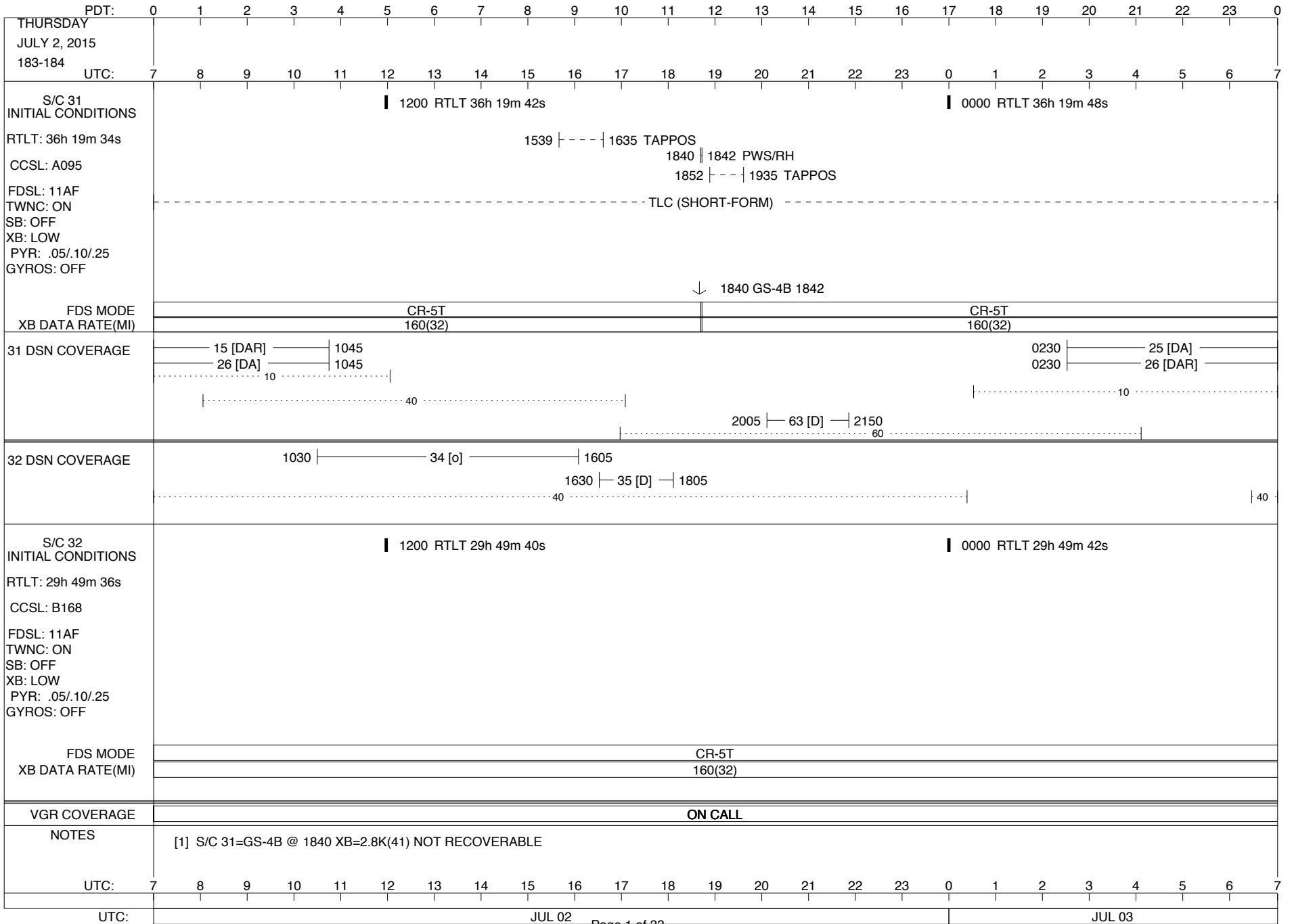
FLIGHT TEAM (14) 600-100

Dodd, S.
 Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina
 Peralta, F.
 Weeks, T.
 Wong, R.
 Yang, L.
 Zottarelli, L.
 *odivers@san.rr.com

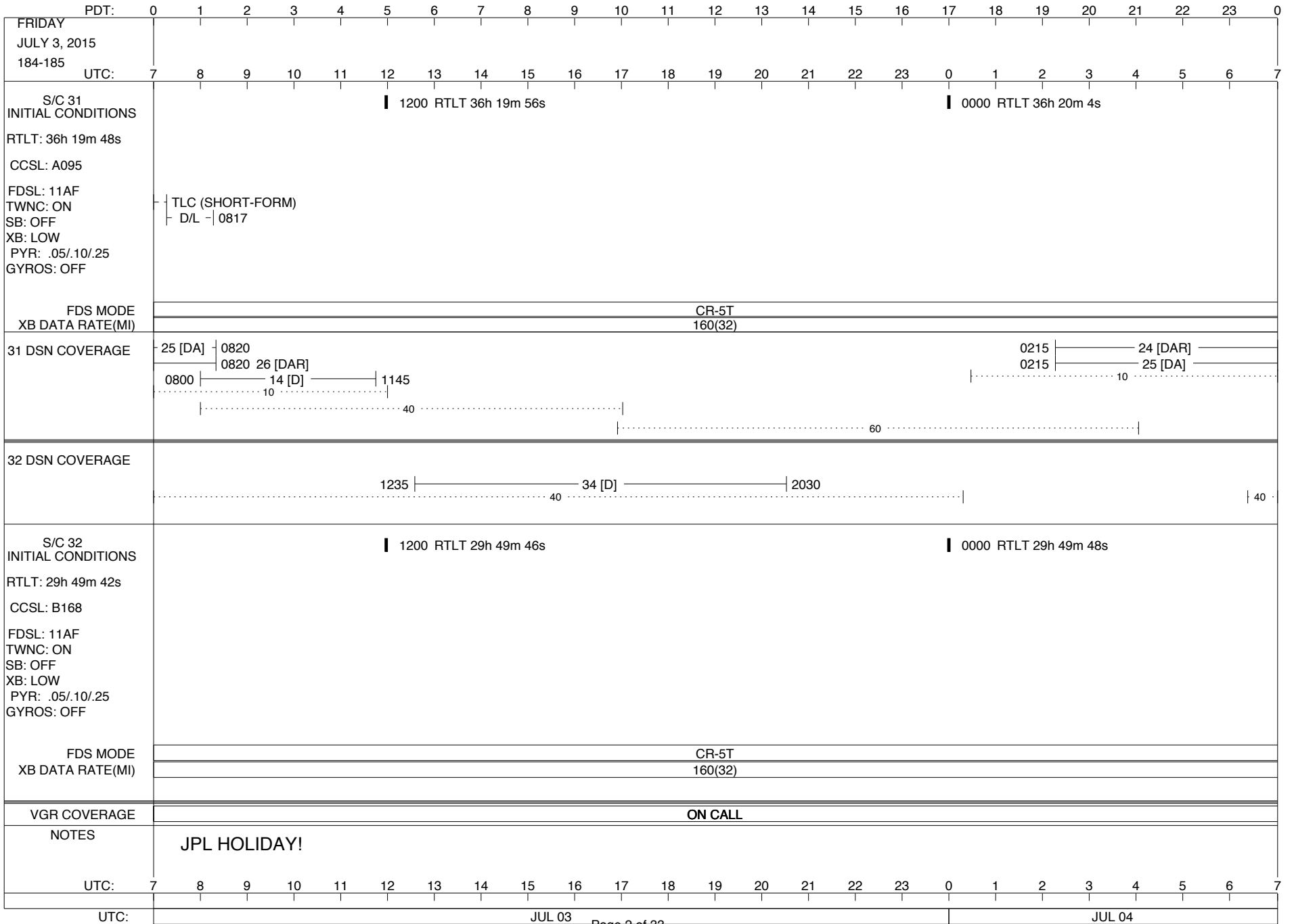
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U =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

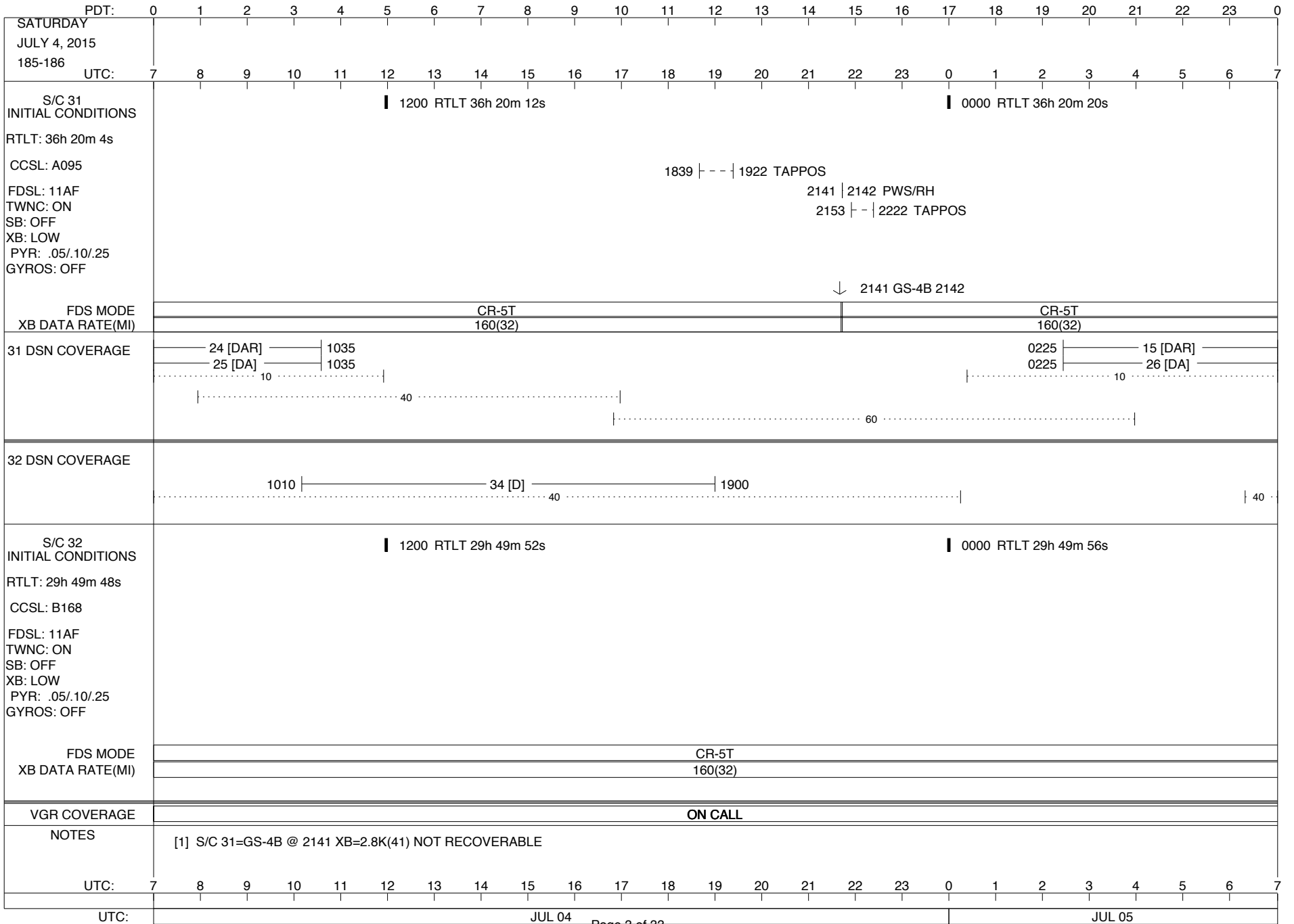
*Electronic Copy Only
 (16 – Dist/N: Paper Copies)
 09/08/10

ISSUE DATE: 07/22/15 14:26

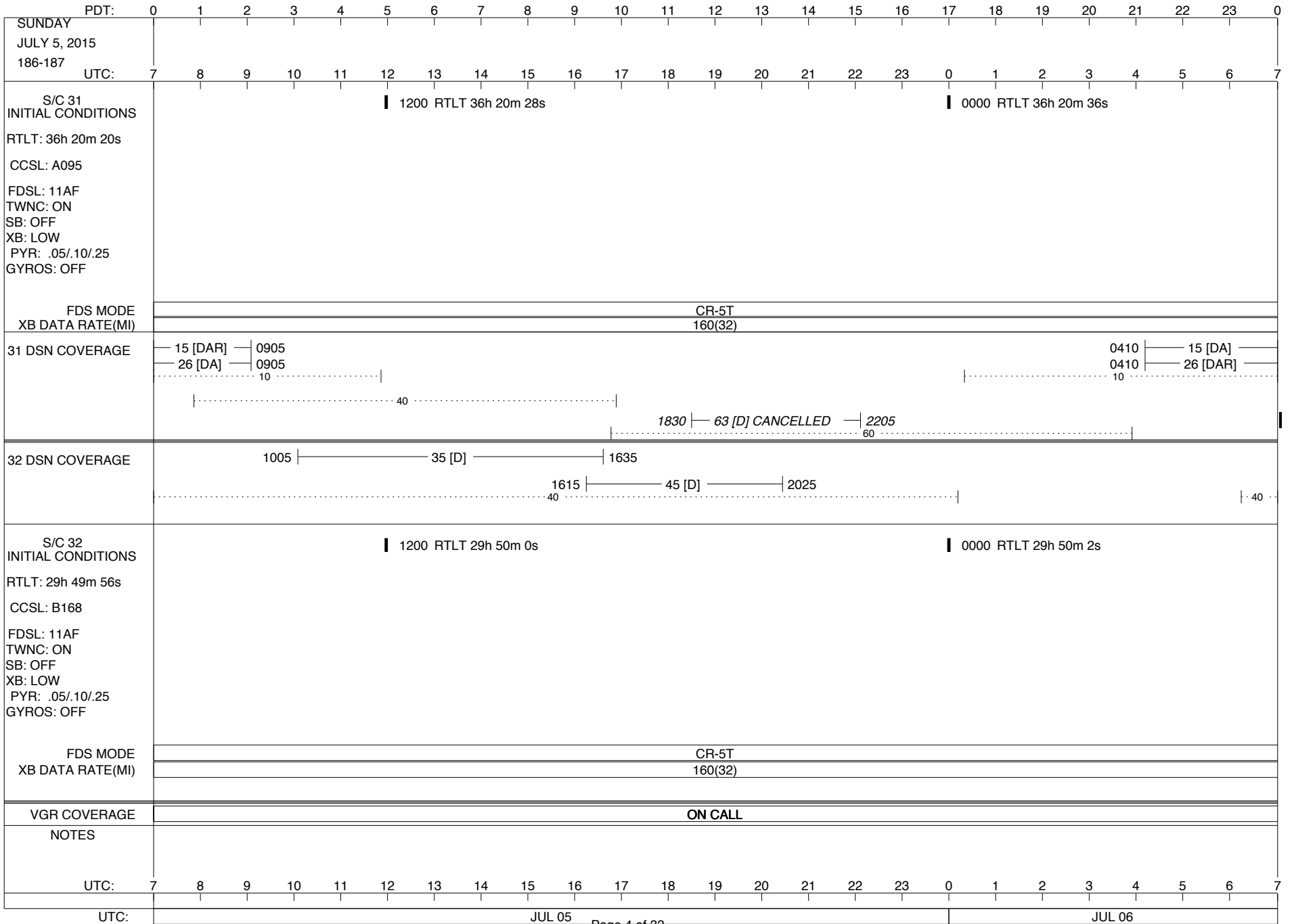


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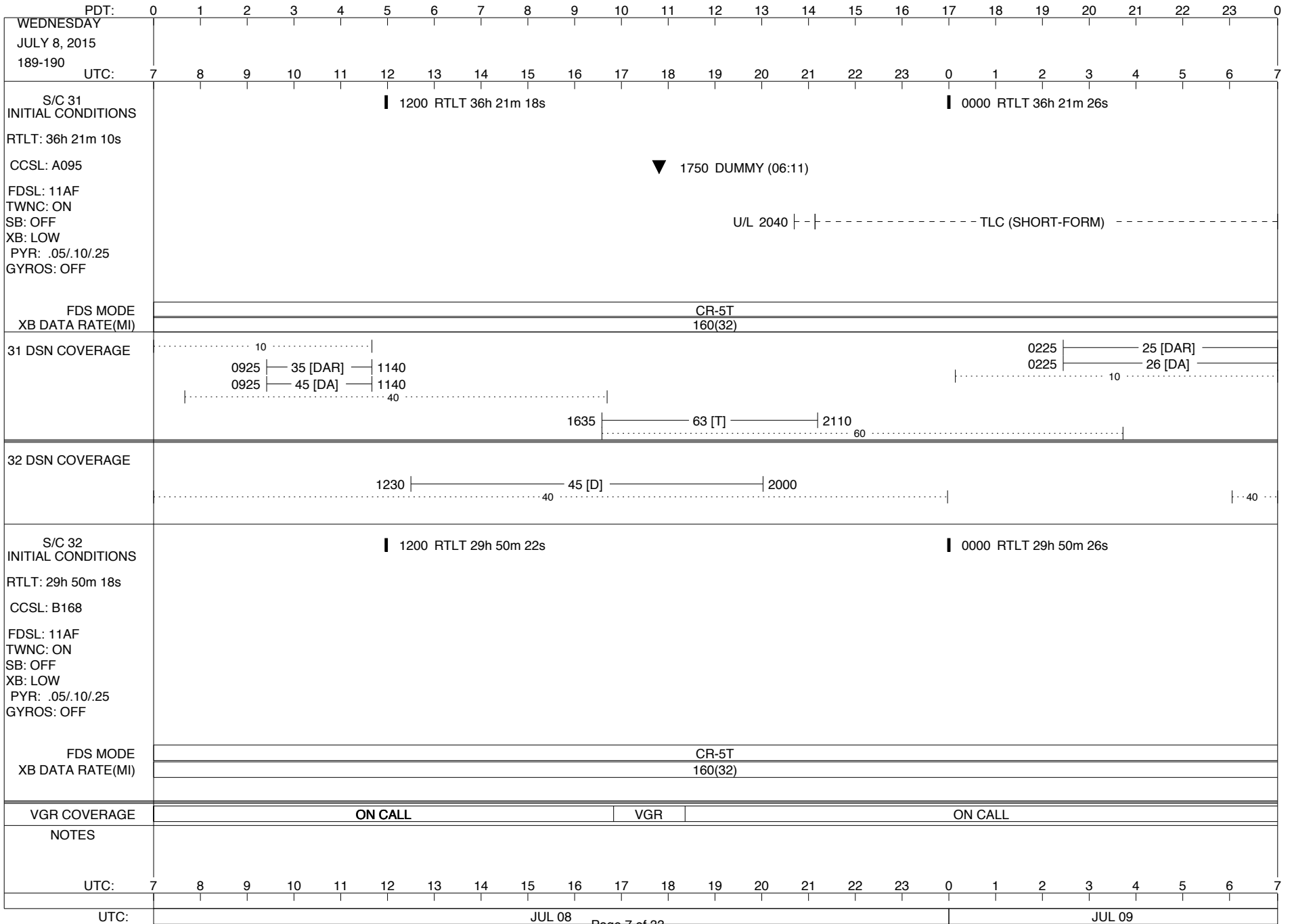
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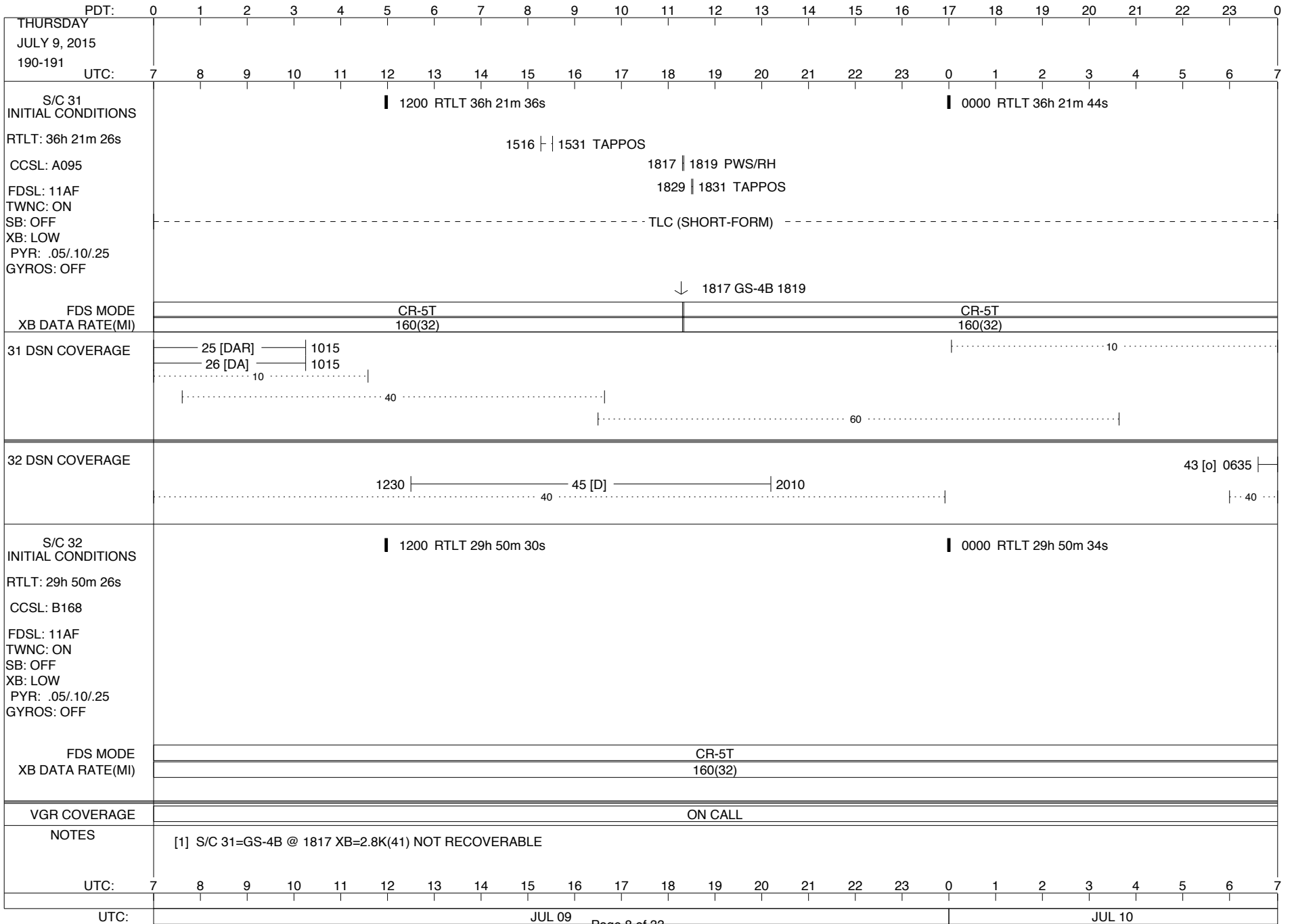


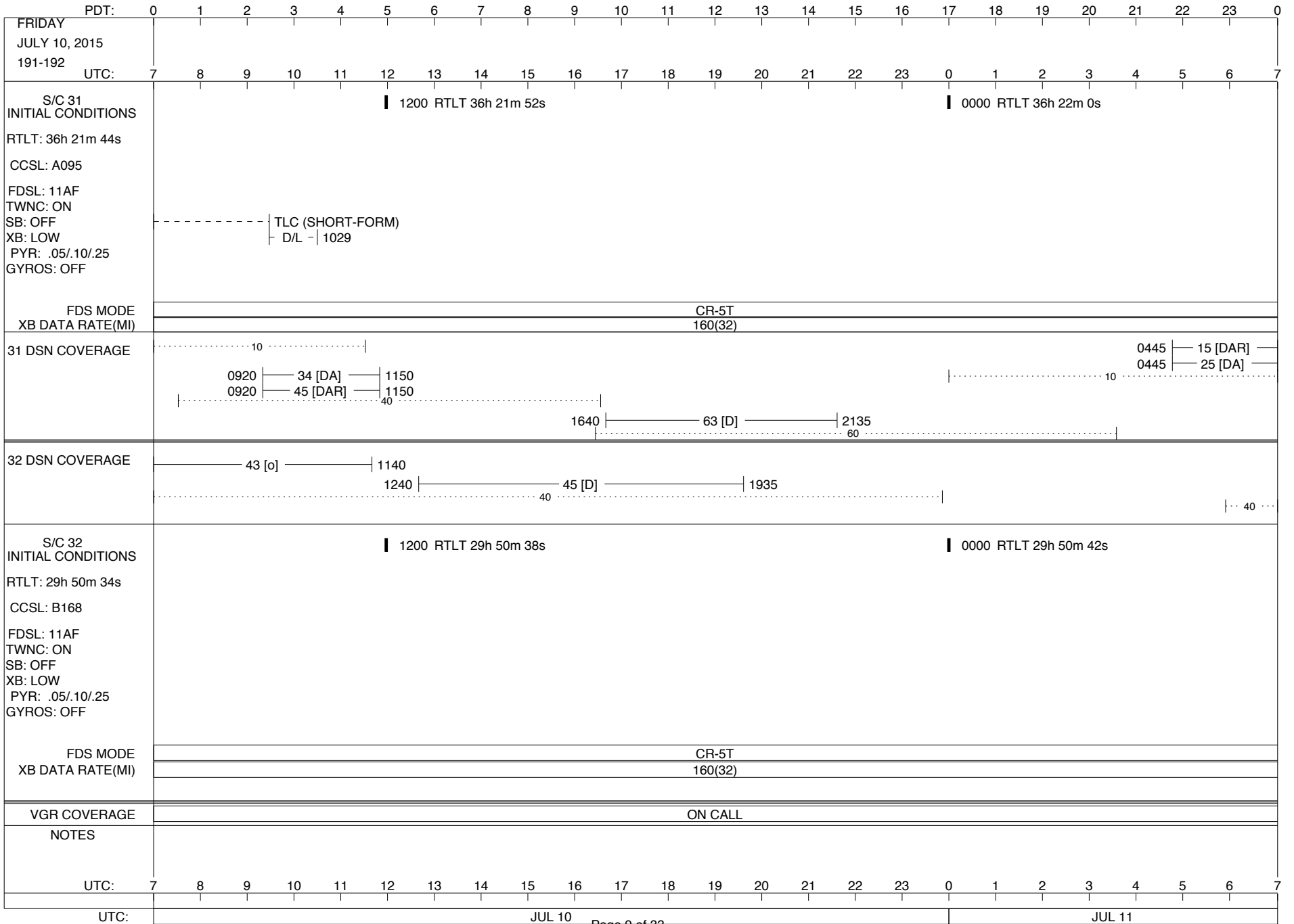
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S/C 31 INITIAL CONDITIONS RTLT: 36h 20m 36s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 20m 46s												0000 RTLT 36h 20m 54s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	15 [DA] ——— 0945 26 [DAR] ——— 0945 10 40 1835 — 63 [D] CANCELLED — 2205 60 10 40												
32 DSN COVERAGE	1045 ————— 34 [o] ————— 1745 40 40												
S/C 32 INITIAL CONDITIONS RTLT: 29h 50m 2s CCSL: B168 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 29h 50m 6s												0000 RTLT 29h 50m 10s												
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 06												JUL 07												

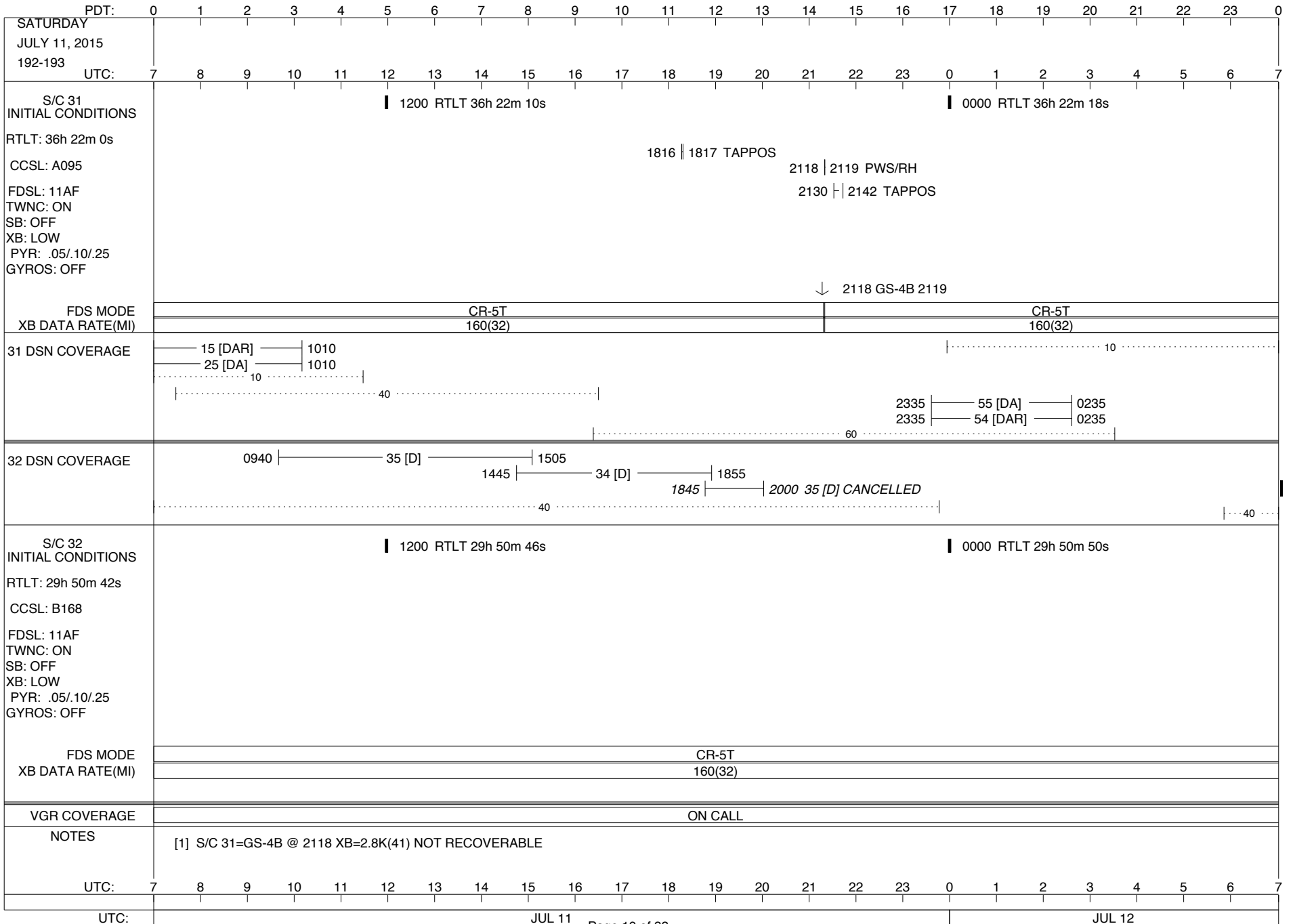
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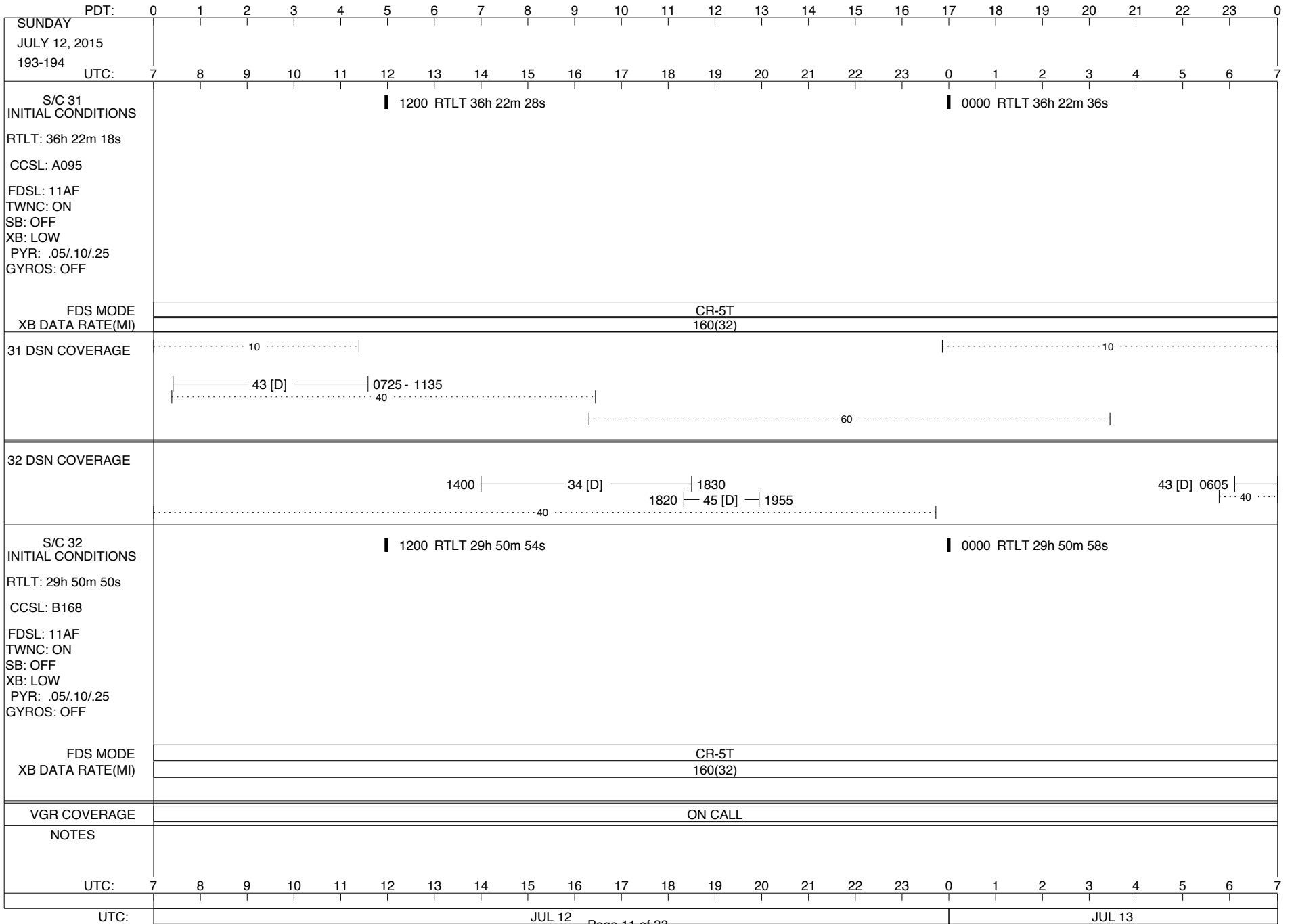
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S/C 31 INITIAL CONDITIONS RTLTL: 36h 20m 54s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 36h 21m 2s												█ 0000 RTLTL 36h 21m 10s												
	1204 1205 PWS/RH																								
	↓ 1204 GS-4B 1205																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	----- 0740 - 0935 14 [D] CANCELLED												----- 10												
	0915 ----- 35 [DA] ----- 1140																								
	0915 ----- 34 [DAR] ----- 1140																								
	----- 40												1840 ----- 63 [D] ----- 2120												
													----- 60												
32 DSN COVERAGE	1230 ----- 34 [D] ----- 1520																								
	----- 40												1550 ----- 45 [D] ----- 2005												
													----- 40												
S/C 32 INITIAL CONDITIONS RTLTL: 29h 50m 10s CCSL: B168 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 29h 50m 14s												█ 0000 RTLTL 29h 50m 18s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1204 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
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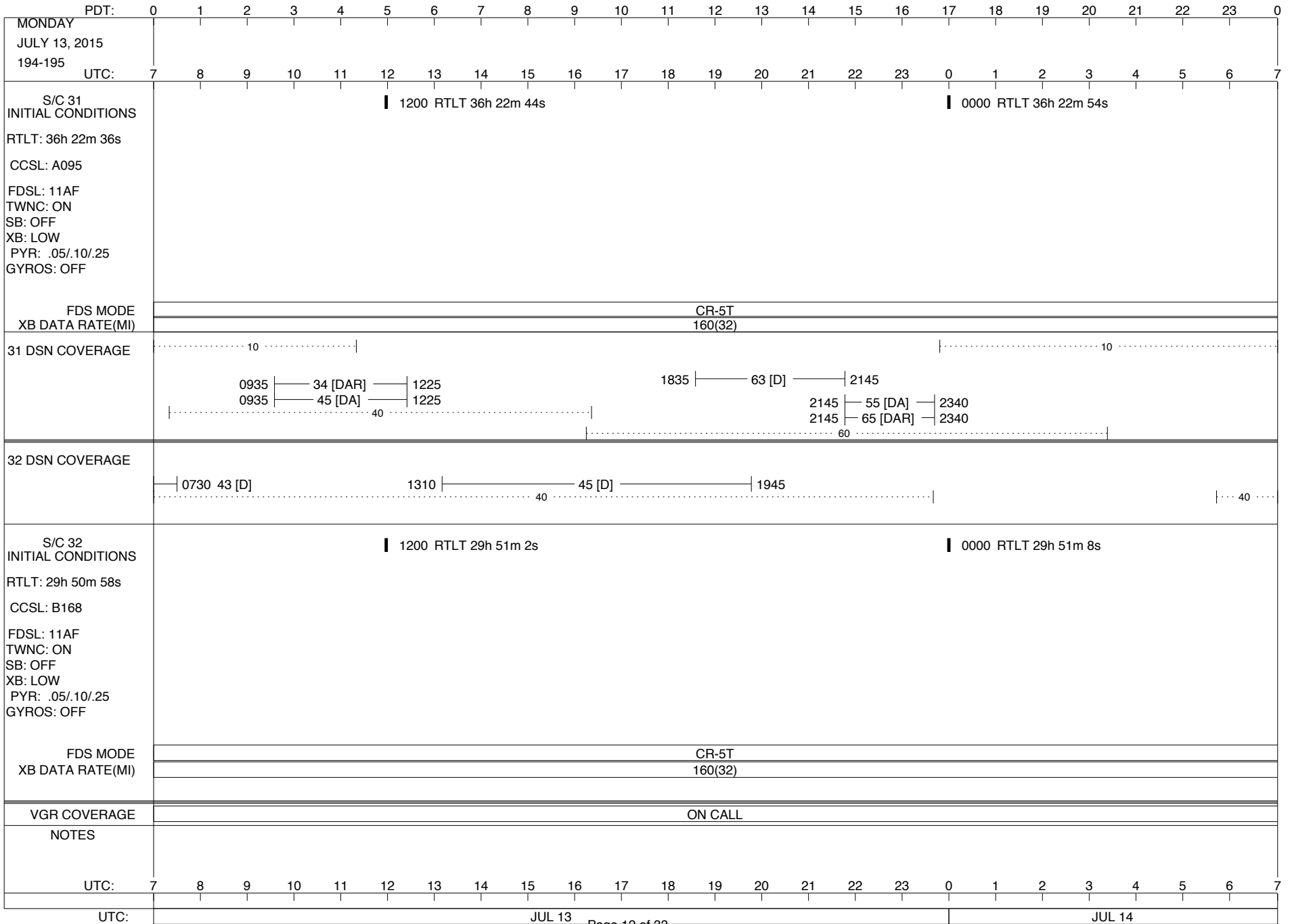




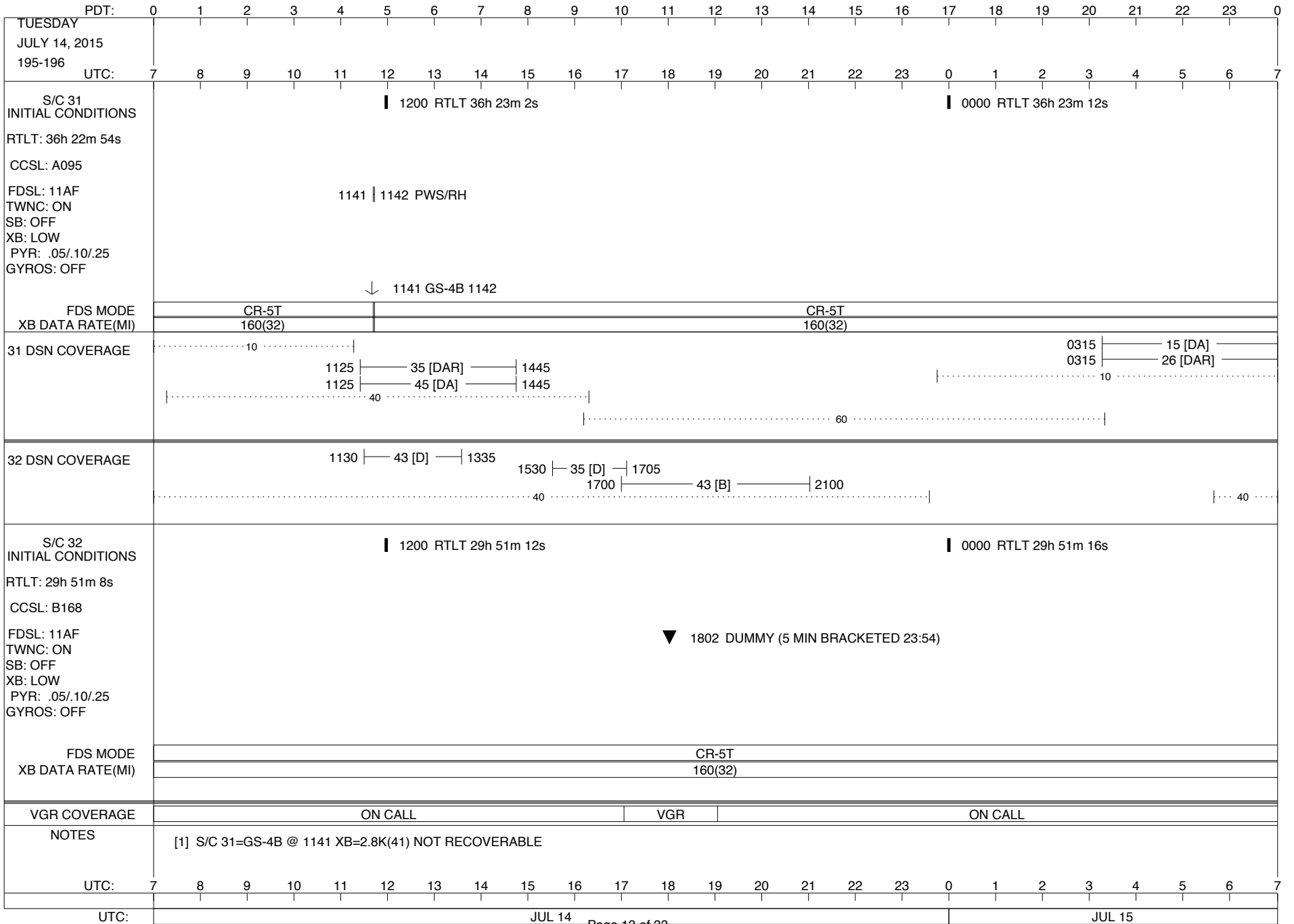


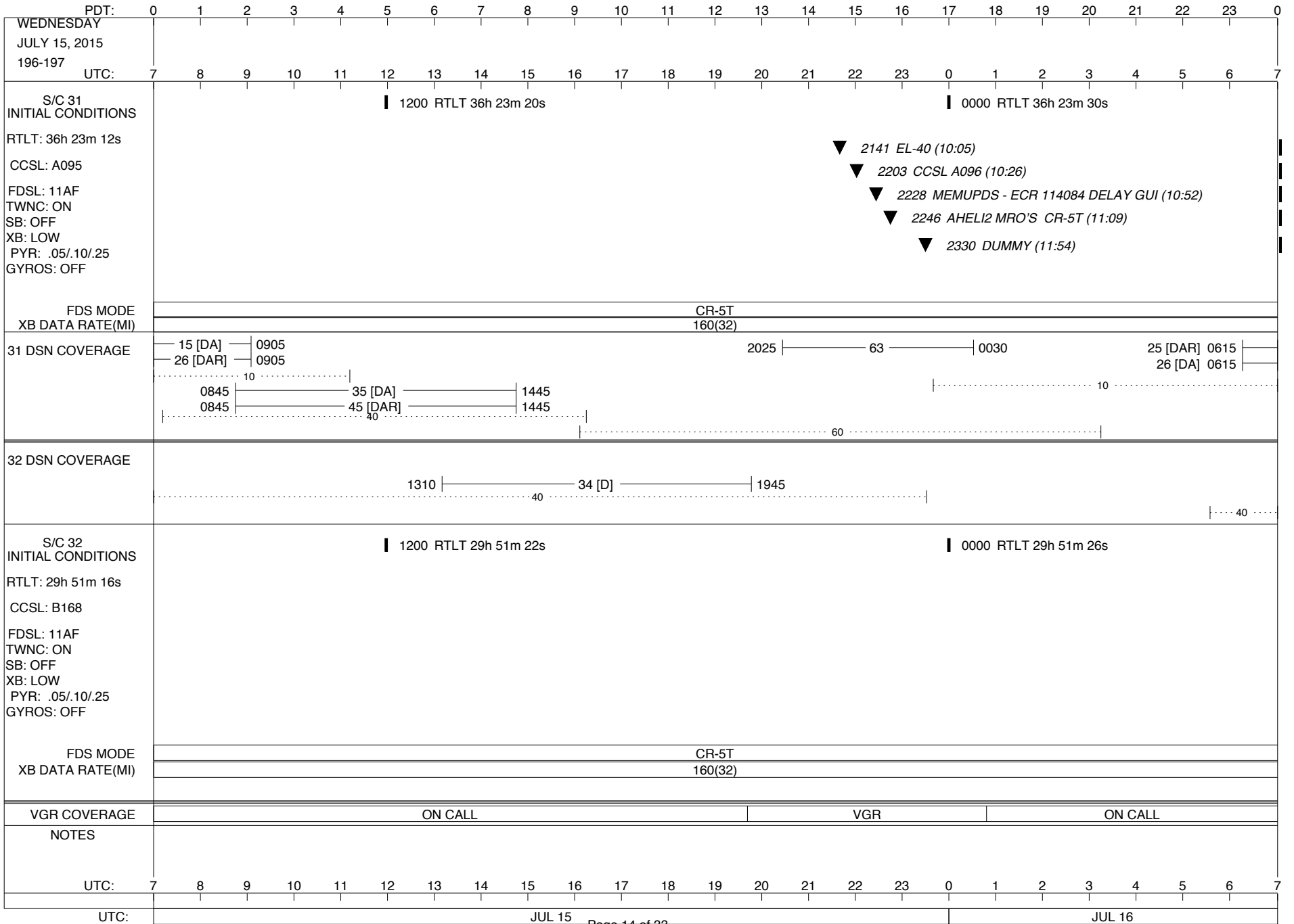




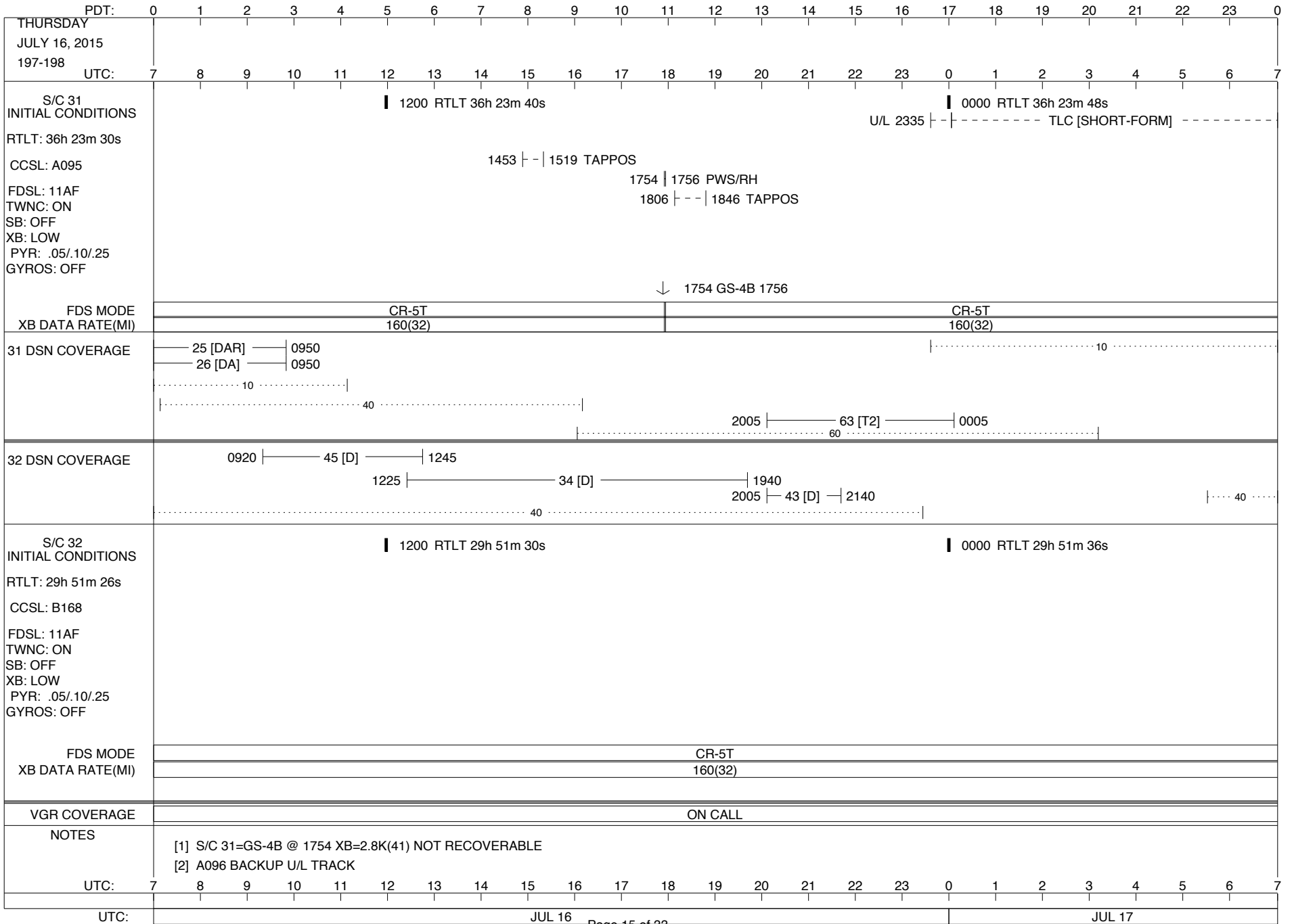


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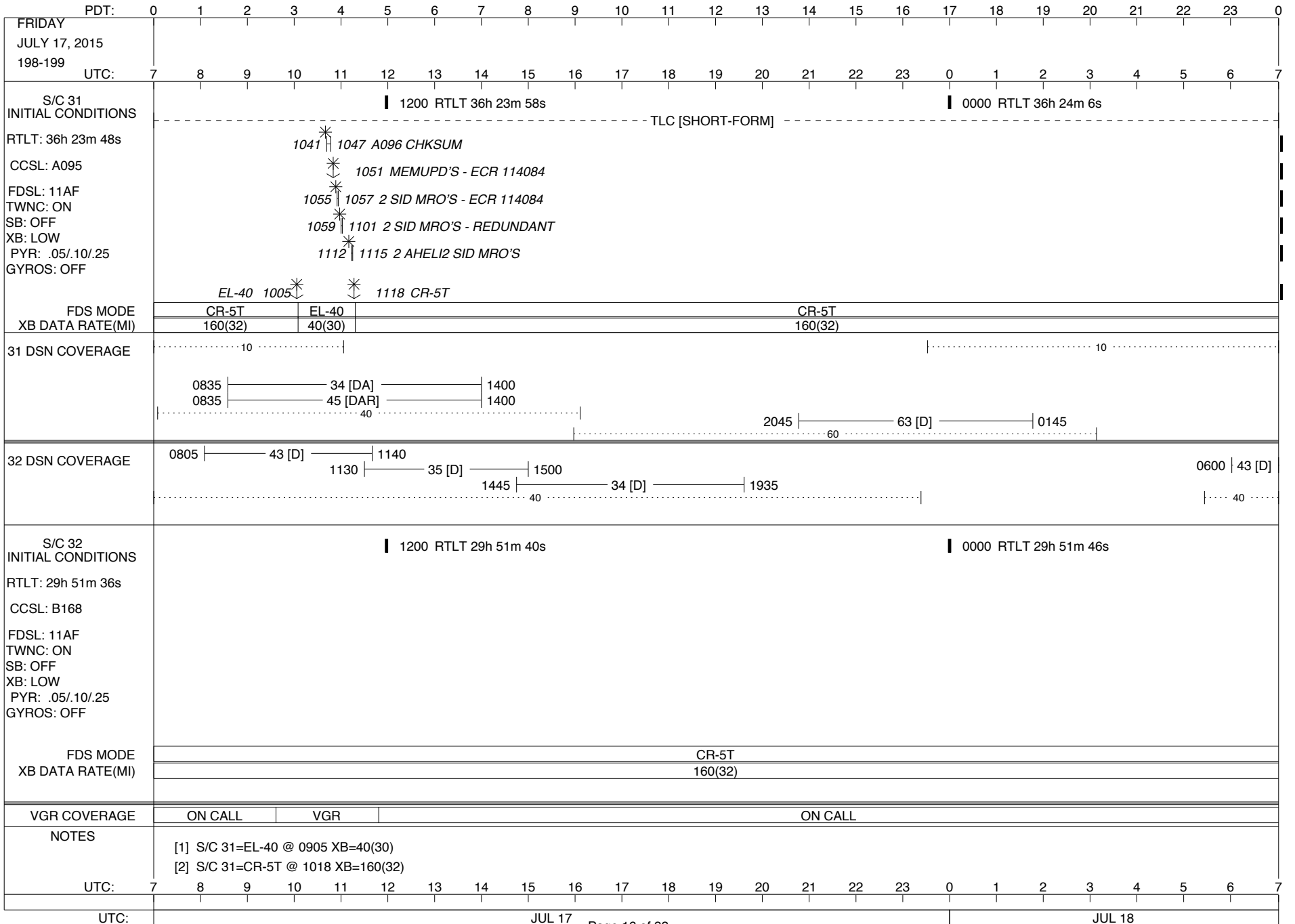


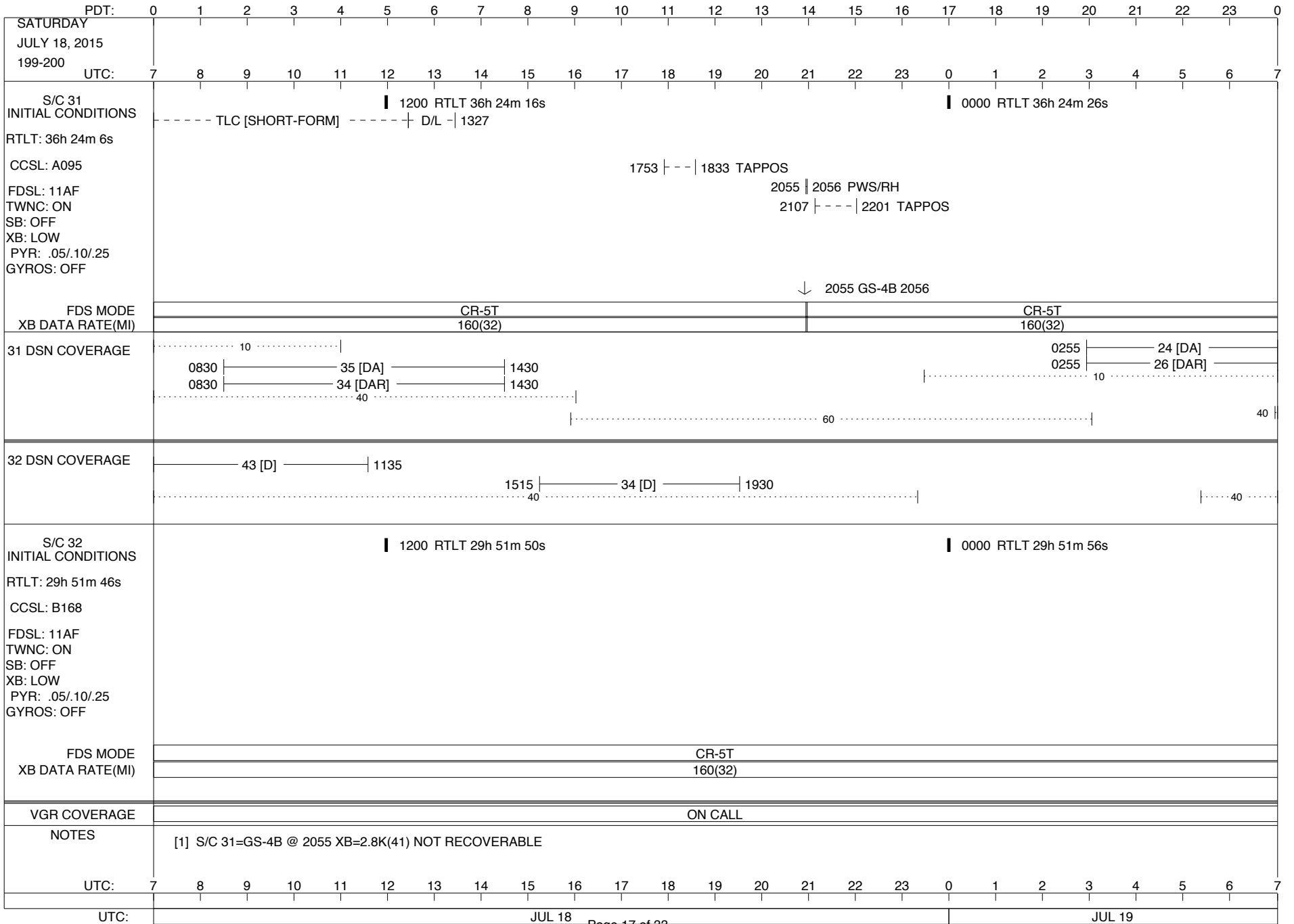


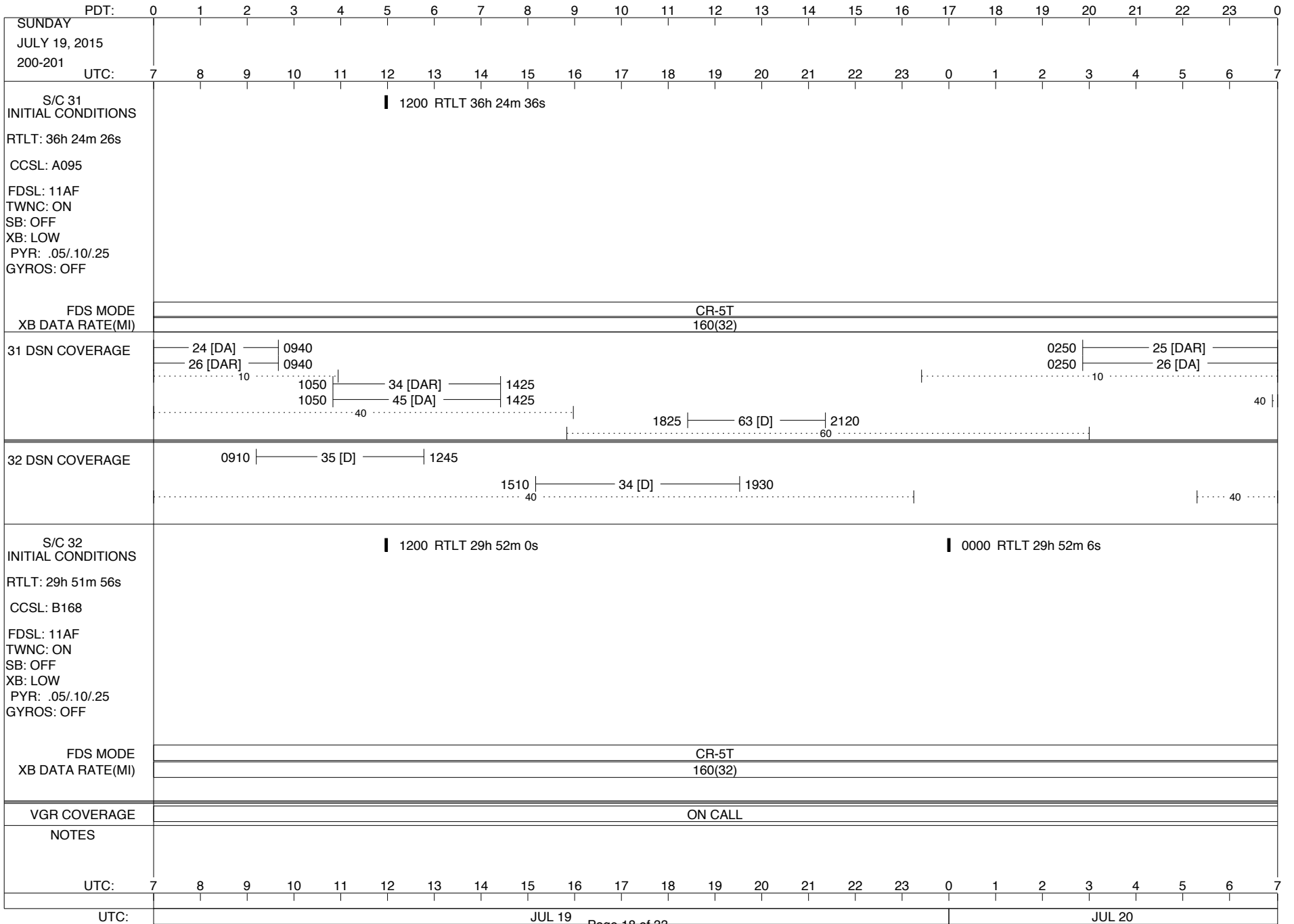
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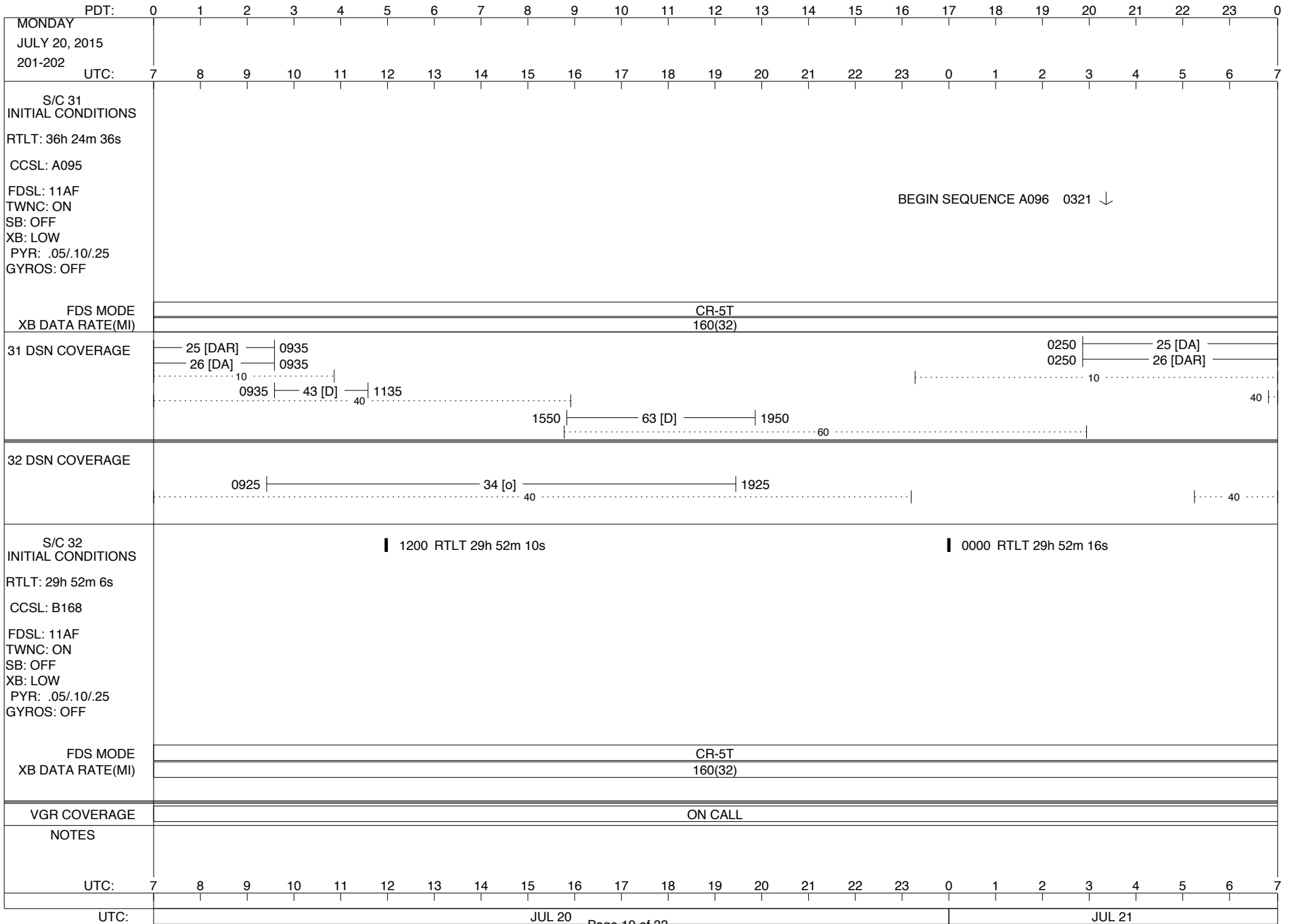


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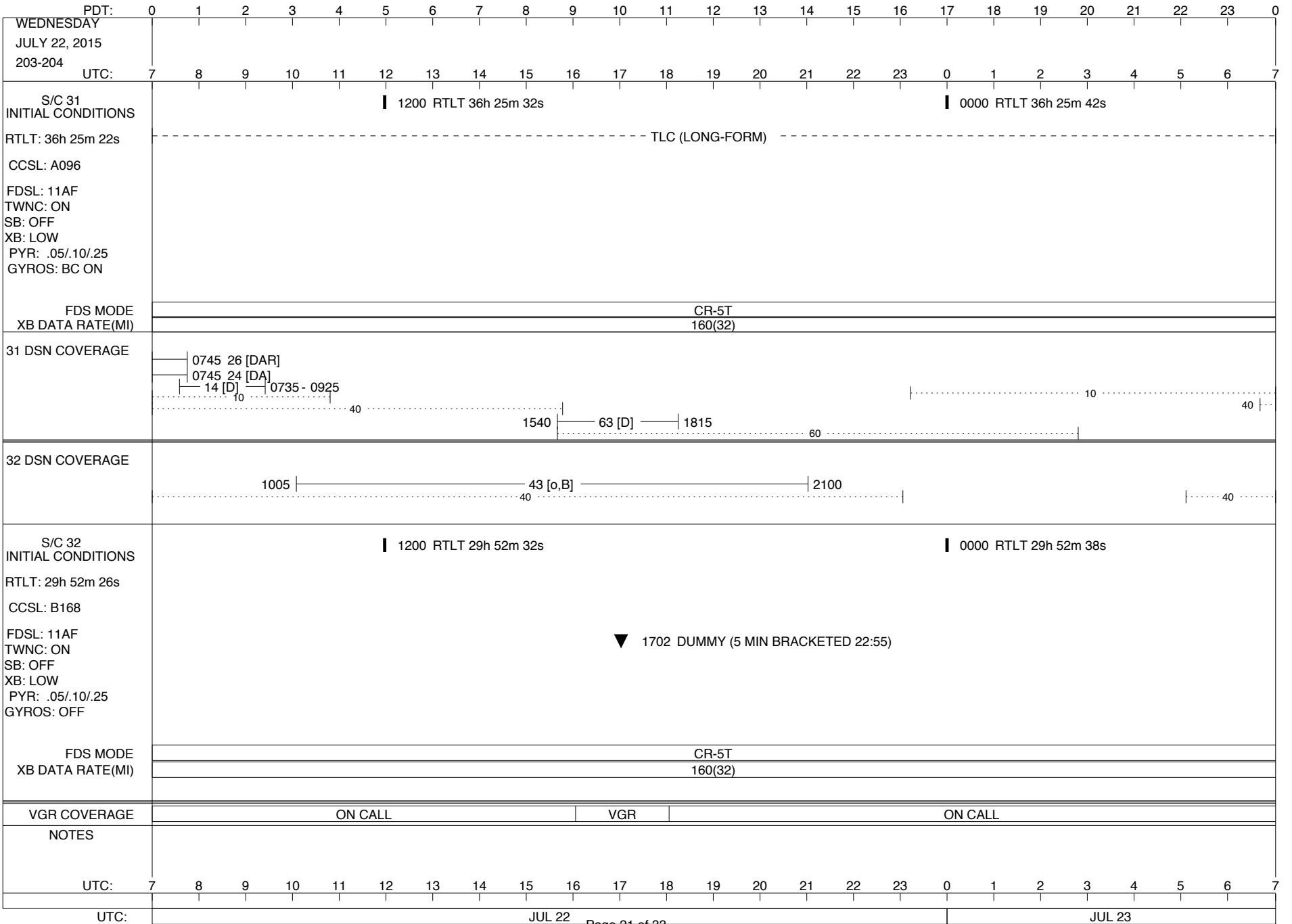




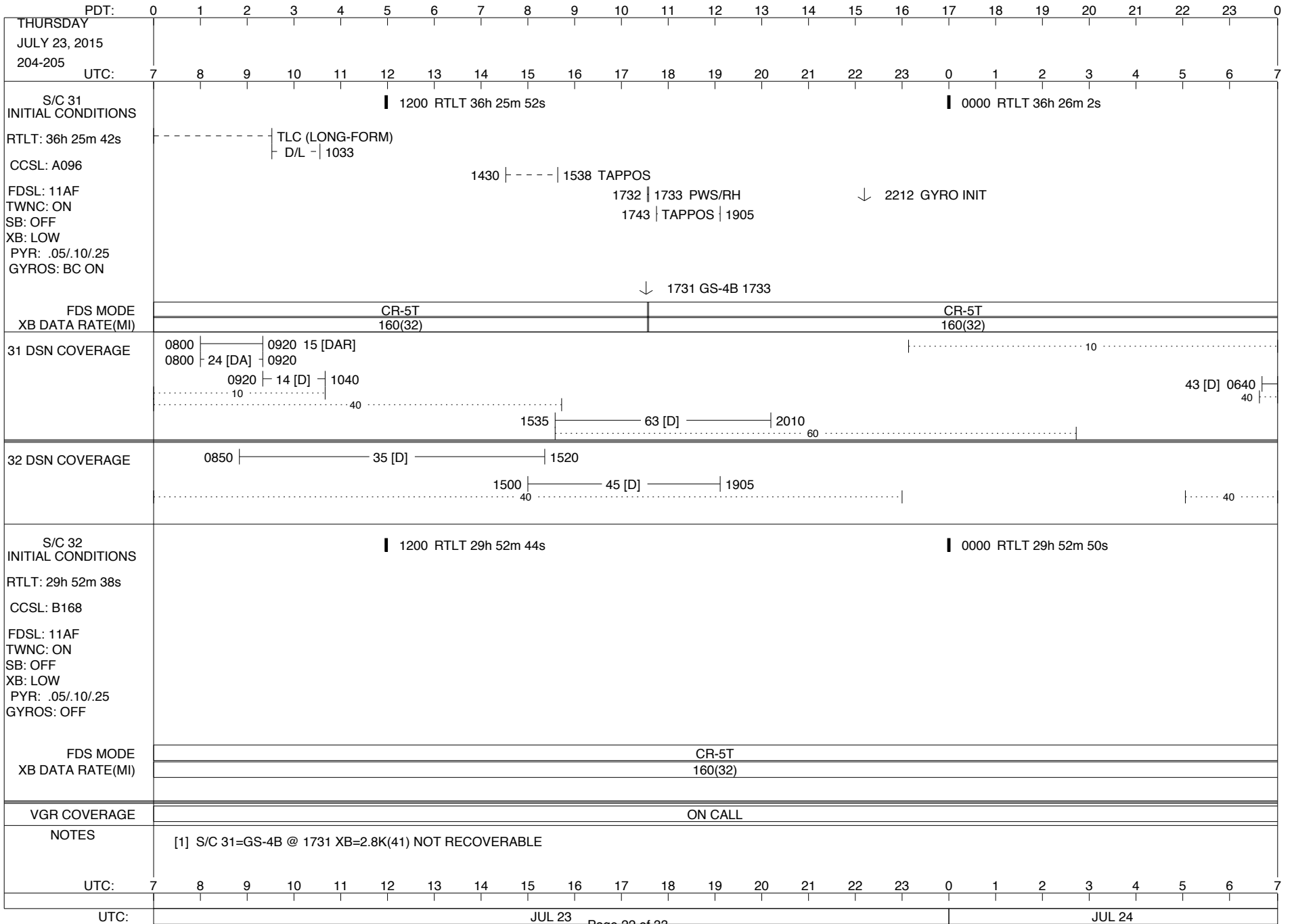


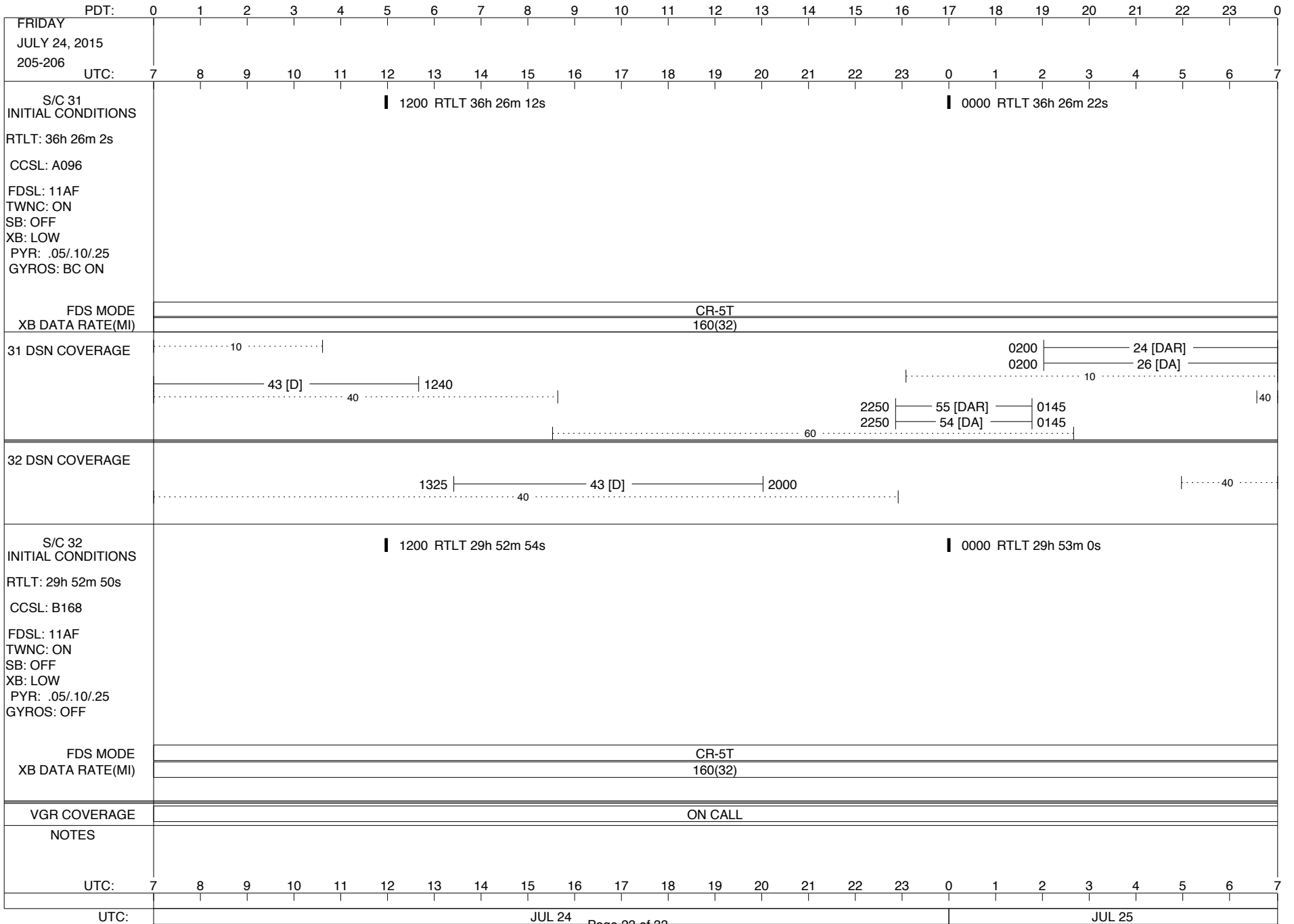


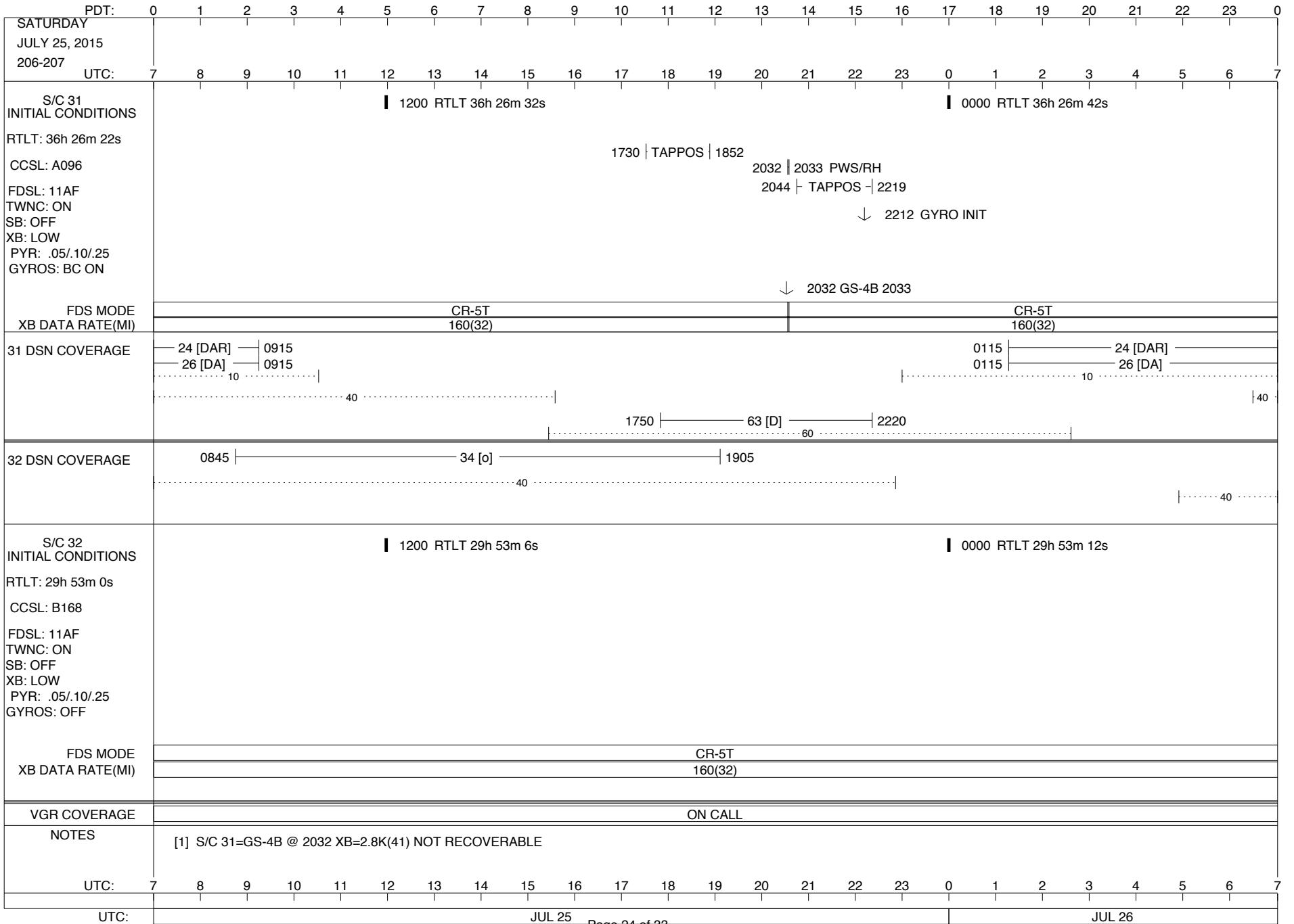
ISSUE DATE: 07/22/15 14:26



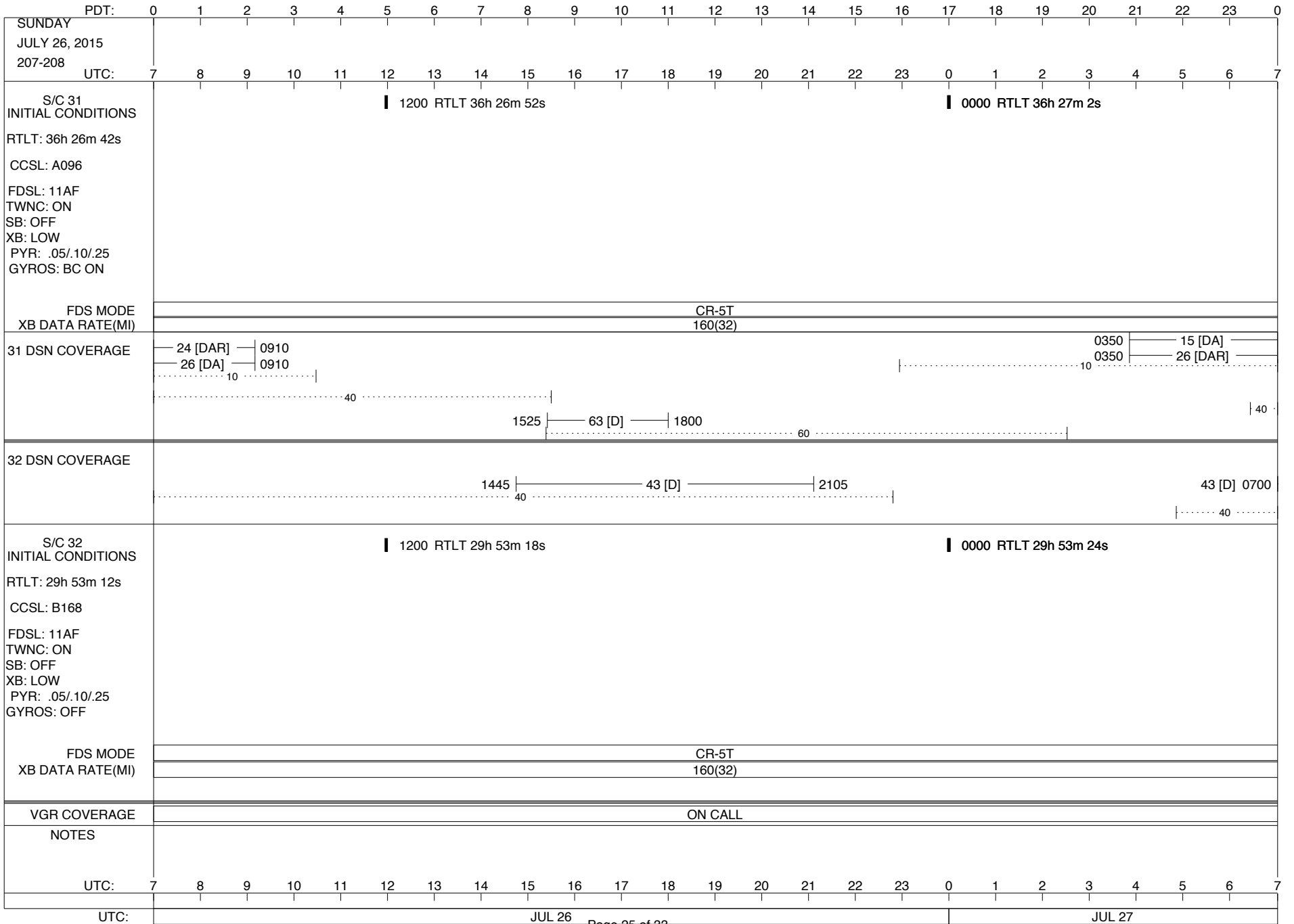
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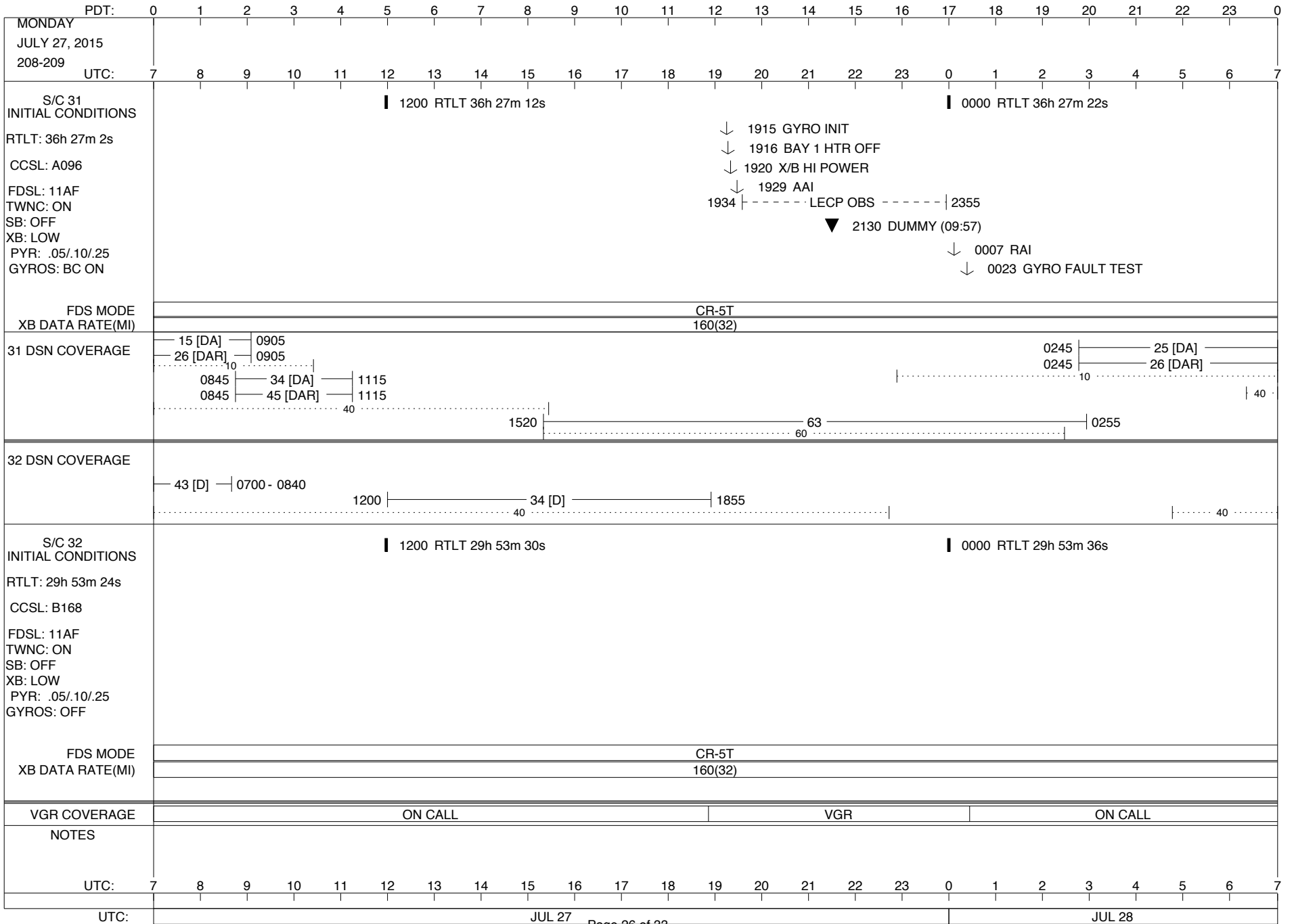






ISSUE DATE: 07/22/15 14:26





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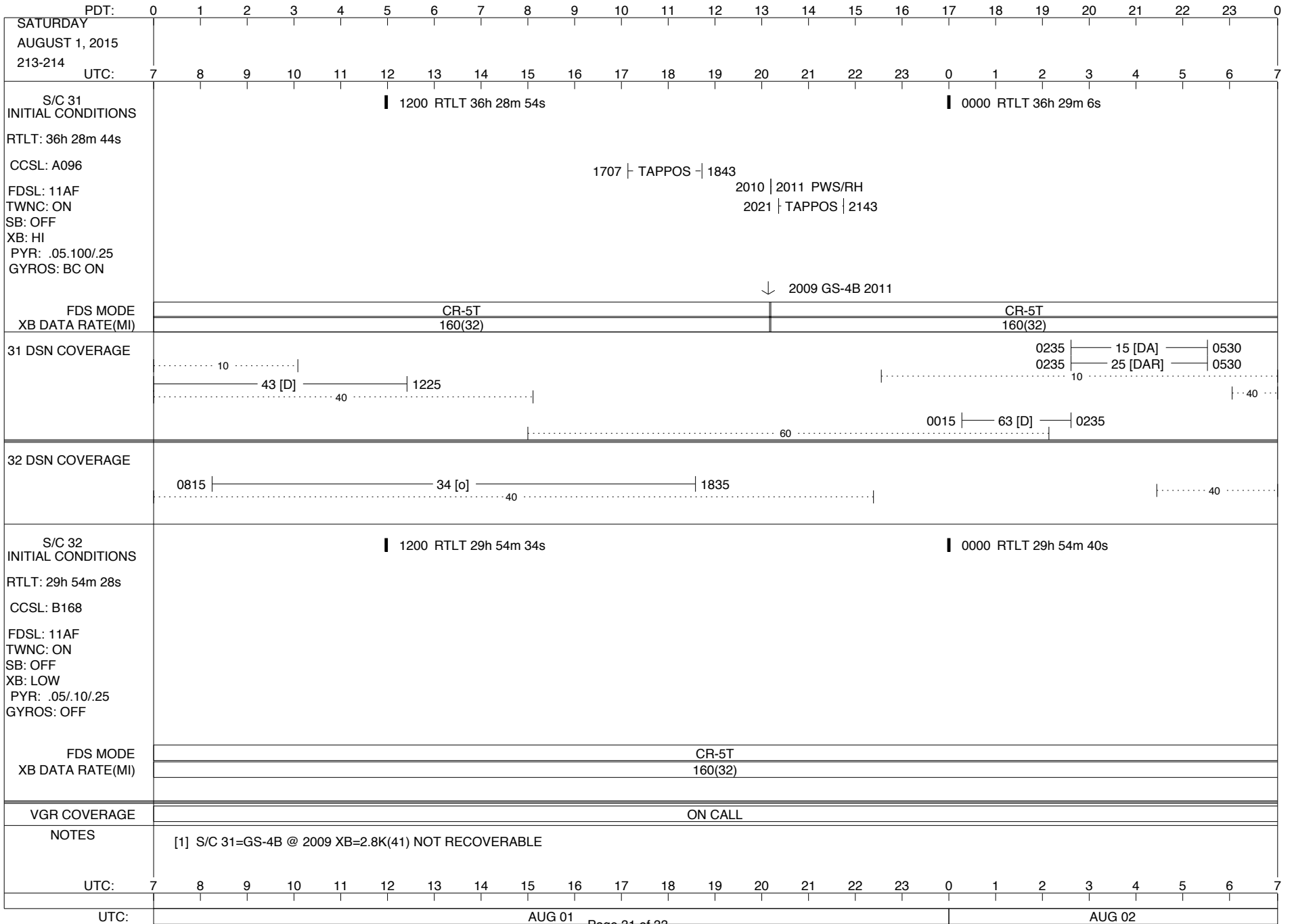
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TUESDAY JULY 28, 2015 209-210																												
S/C 31 INITIAL CONDITIONS RTLTL: 36h 27m 22s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 36h 27m 32s 1055 1056 PWS/RH ↓ 1055 GS-4B 1056 ↓ 1524 AAI 1529 - - - LECP OBS - - 1808 ↓ 1820 RAI ↓ 1836 GYRO FAULT TEST														0000 RTLT 36h 27m 42s ↓ 0429 AAI 0438 - - LECP OBS - -													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)														CR-5T 160(32)													
31 DSN COVERAGE	25 [DA] 0900 26 [DAR] 0900 10 40 1515 63 [D] 1845 60														0415 14 [D] 10 40													
32 DSN COVERAGE	1230 34 [D] 1650 40 1630 43 [D] 1955 40														0520 43 [H] 40													
S/C 32 INITIAL CONDITIONS RTLTL: 29h 53m 36s CCSL: B168 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 53m 42s 1257 PLSCAL - 1440 1257 - - - MAGCAL - - - 1600 1257 - - - - PESCAL - - - - 1617														0000 RTLT 29h 53m 48s DUMMY (12:09) 0615▼ EL-40 (12:19) 0625▼ CCSL B169 (12:40) 0646▼													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																											
VGR COVERAGE	ON CALL							VGR							ON CALL							VGR						
NOTES	[1] S/C 31=GS-4B @ 1055 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:	JUL 28														JUL 29													

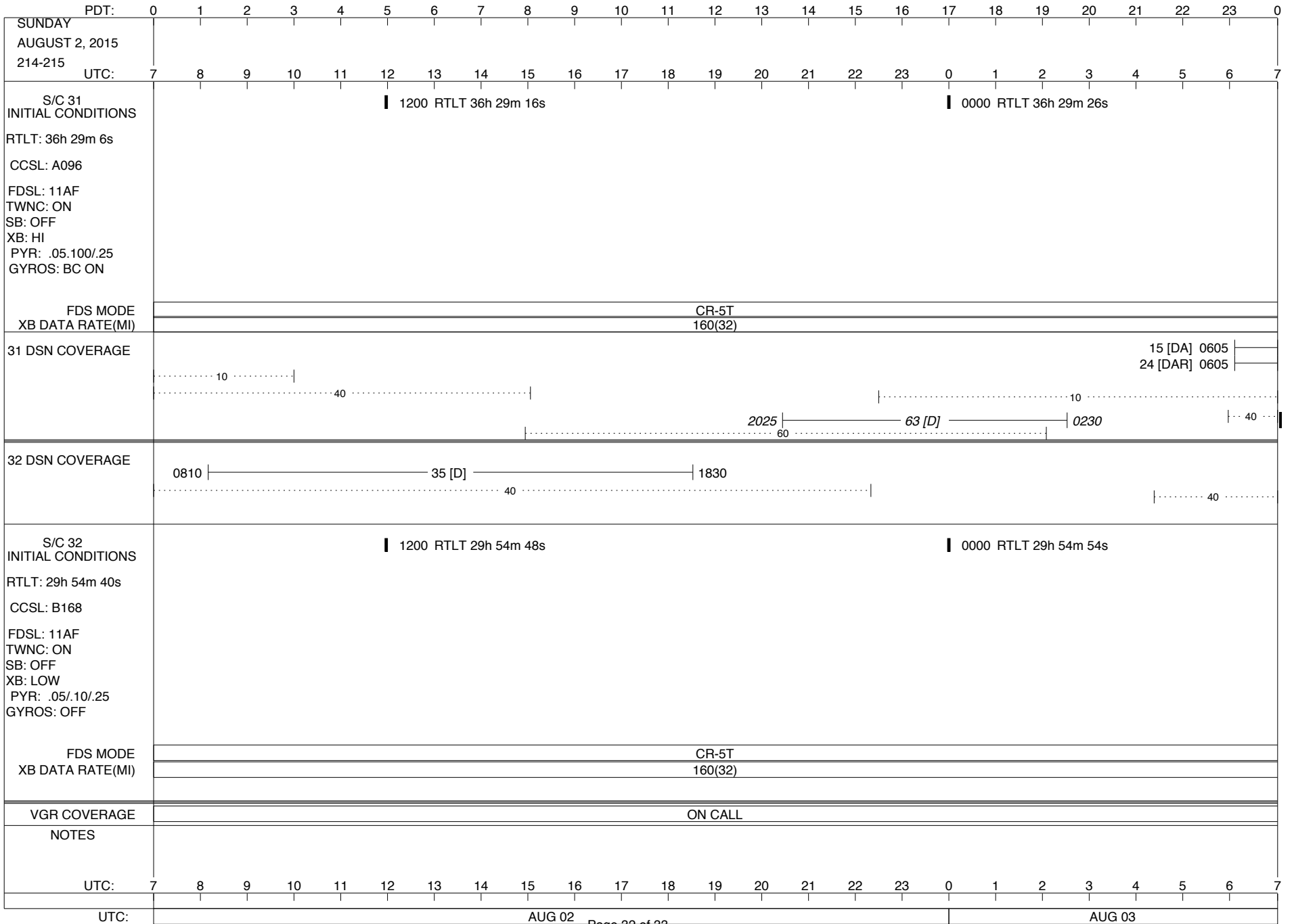
ISSUE DATE: 07/22/15 14:26

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WEDNESDAY JULY 29, 2015 210-211																									
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: 36h 27m 42s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 36h 27m 52s												0000 RTLT 36h 28m 2s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] 0945												10												
	0925 34 [DA] 1040												40												
	0925 1040 45 [DAR]												60												
	40												40												
32 DSN COVERAGE	43 [H] 0840												43 [H1] 0615												
	1130 34 [D] 1845												40												
	1835 43 [D] 1950												40												
S/C 32 INITIAL CONDITIONS RTLT: 29h 53m 48s CCSL: B168 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 53m 56s												0000 RTLT 29h 54m 2s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] B169 BACKUP U/L TRACK																								
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UTC:	JUL 29												JUL 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			
THURSDAY JULY 30, 2015 211-212																												
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: 36h 28m 2s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 36h 28m 14s 1407 TAPPOS - 1556 LECP OBS 1056 ↓ 1108 RAI ↓ 1124 GYRO FAULT TEST U/L 1150 - 														0000 RTLT 36h 28m 24s ↓ 0102 ALL DB=.05 ↓ 0118 AAI 0118 - 0155 ASCAL ↓ 0153 RAI ↓ 0155 CRU ↓ 0204 ROLL=.25 ↓ 0204 YAW=.10 ↓ 0210 GYRO FAULT TEST ↓ 1709 GS-4B 1710 0046 ↓ ↓ 0158													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)							CR-5T 160(32)							EL-40 40(30)			CR-5T 160(32)										
31 DSN COVERAGE	0745 34 [DA] 1035 0745 45 [DAR] 1035 1125 43 [T] 1515 40										0240 15 [DA] 0240 26 [DAR] 10 0030 63 [D] 0240 60																	
32 DSN COVERAGE	43 [H1] 1020 1125 45 [D] 1805 40																											
S/C 32 INITIAL CONDITIONS RTLT: 29h 54m 2s CCSL: B168 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 54m 8s 1245 * 1252 B169 CHKSUM 1355 * 1402 CCSTIM FINE 1455 * 1502 CCSTIM COARSE EL-40 1219 * ↓ ↓ 1319 CR-5T														0000 RTLT 29h 54m 14s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)							EL-40 40(30)							CR-5T 160(32)													
VGR COVERAGE	VGR							ON CALL							VGR			ON CALL										
NOTES	[1] S/C 31=GS-4B @ 1709 XB=2.8K(41) NOT RECOVERABLE [2] S/C 32=EL-40 @ 1219 XB=40(30) [3] S/C 32=CR-5T @ 1319 XB=160(32)														[4] S/C 31=EL-40 @ 0046 XB=40(30) [5] S/C 31=D/L /SNR VARIATIONS EXPECTED DURING ASCAL (0118-0155)													
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UTC:	JUL 30														JUL 31													

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 JULY 31, 2015 212-213																										
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: 36h 28m 24s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05.100/.25 GYROS: BC ON	1200 RTLT 36h 28m 34s												0000 RTLT 36h 28m 44s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	15 [DA] 0850 26 [DAR] 0850 10												2240 14 [D] 0145 10													
 40 43 [D] 0655 40													
 40 60													
32 DSN COVERAGE	0820 34 [D] 1840 40 40													
S/C 32 INITIAL CONDITIONS RTLT: 29h 54m 14s CCSL: B168 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 29h 54m 20s												0000 RTLT 29h 54m 28s													
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 31														AUG 01											





ISSUE DATE: 07/22/15 14:26

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 AUGUST 3, 2015 215-216																											
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: 36h 29m 26s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05.100/.25 GYROS: BC ON	1200 RTLT 36h 29m 38s																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	15 [DA] 0840 24 [DAR] 0840 0840 14 [D] 0955 10 40																										
32 DSN COVERAGE	0810 34 [D] 1030 40																										
S/C 32 INITIAL CONDITIONS RTLT: 29h 54m 54s CCSL: B168 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 29h 55m 0s																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
VGR COVERAGE														ON CALL													
NOTES																											
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UTC:	AUG 03													AUG 04													