

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: July 22, 2015

For the Period: 07/23/15 to 08/10/15 (15-204 – 15-222)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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 *Leonard.F.Burlaga@nasa.gov
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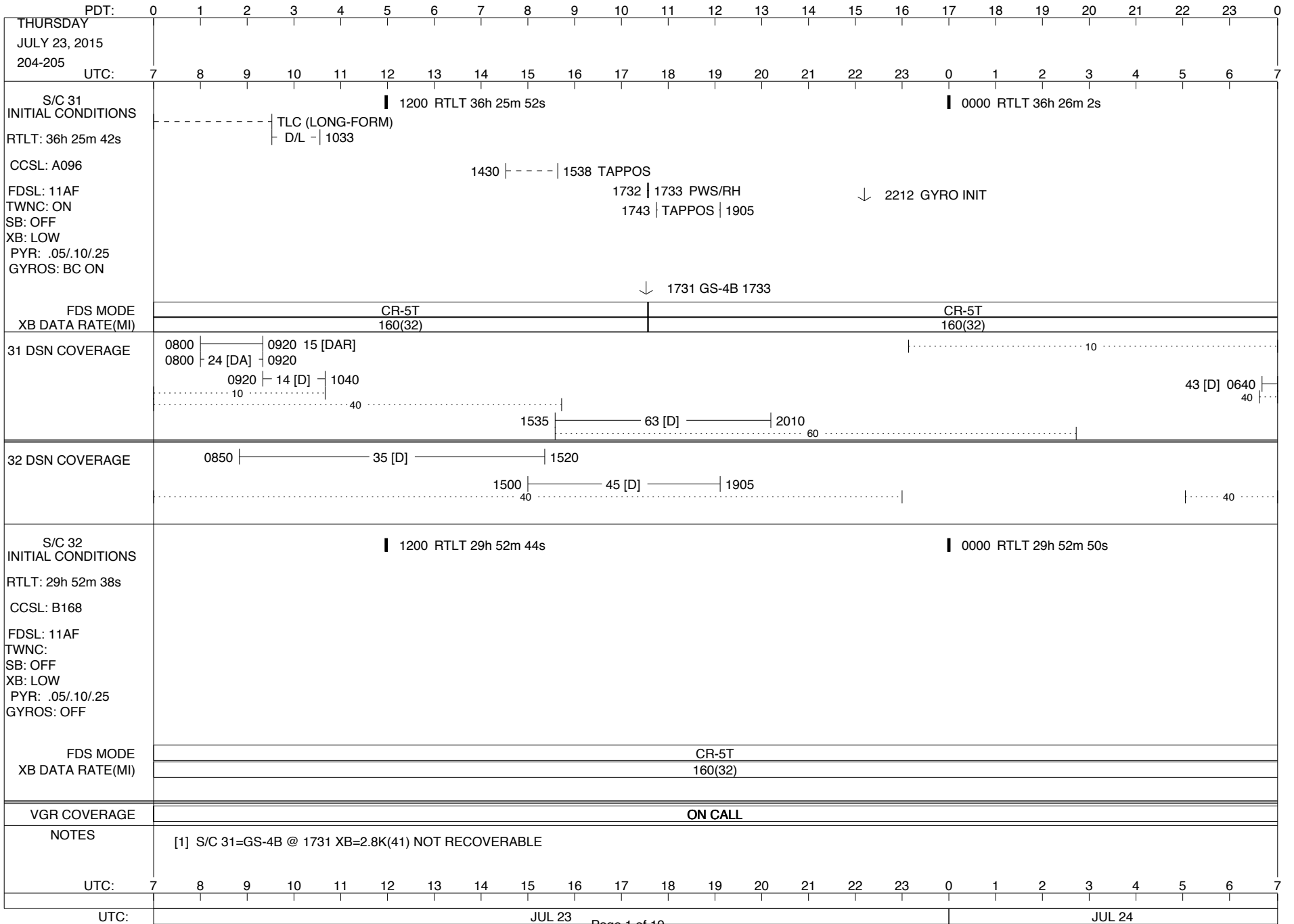
FLIGHT TEAM (14) 600-100

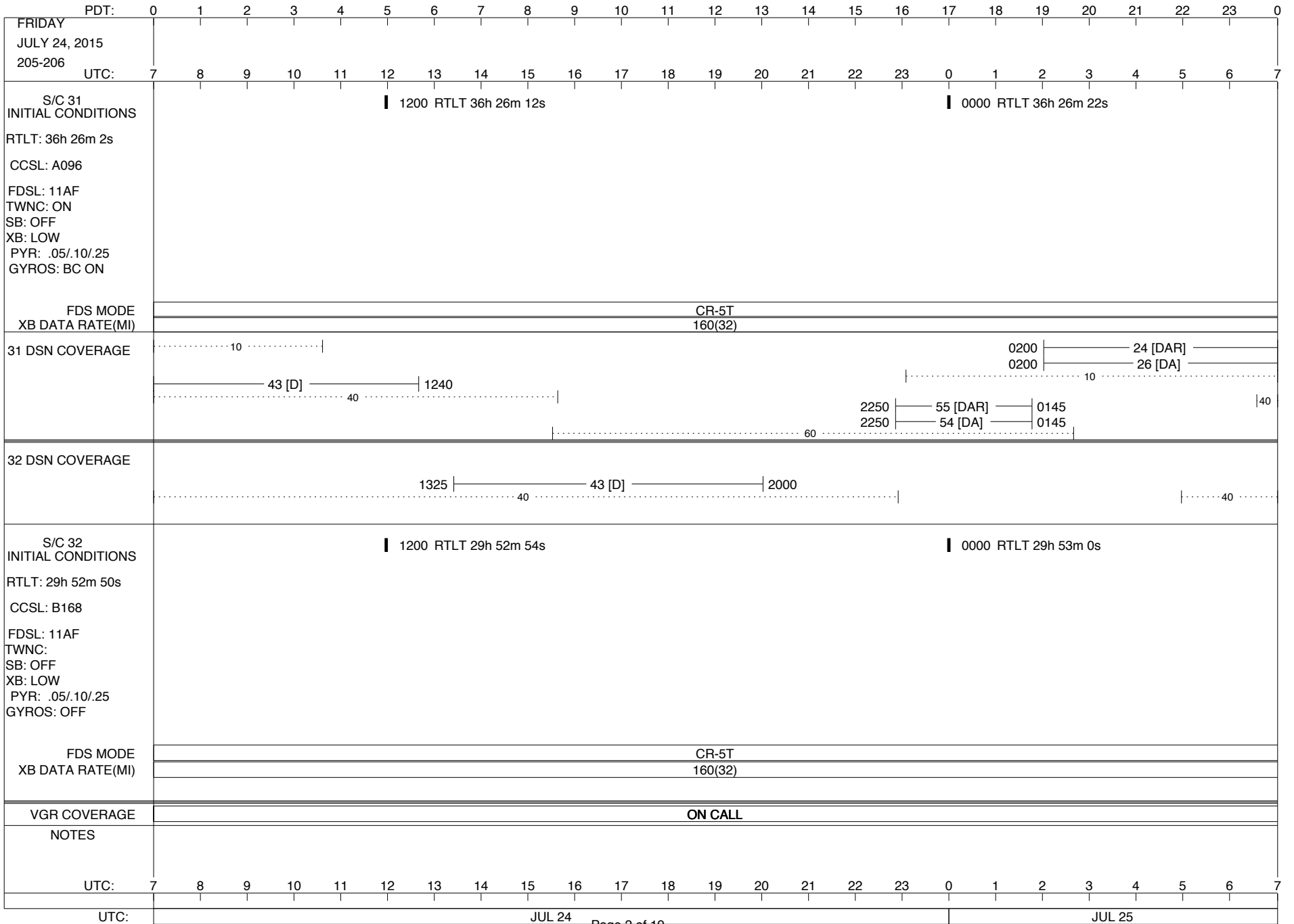
Dodd, S.
 Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina
 Peralta, F.
 Weeks, T.
 Wong, R.
 Yang, L.
 Zottarelli, L.
 *odivers@san.rr.com

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

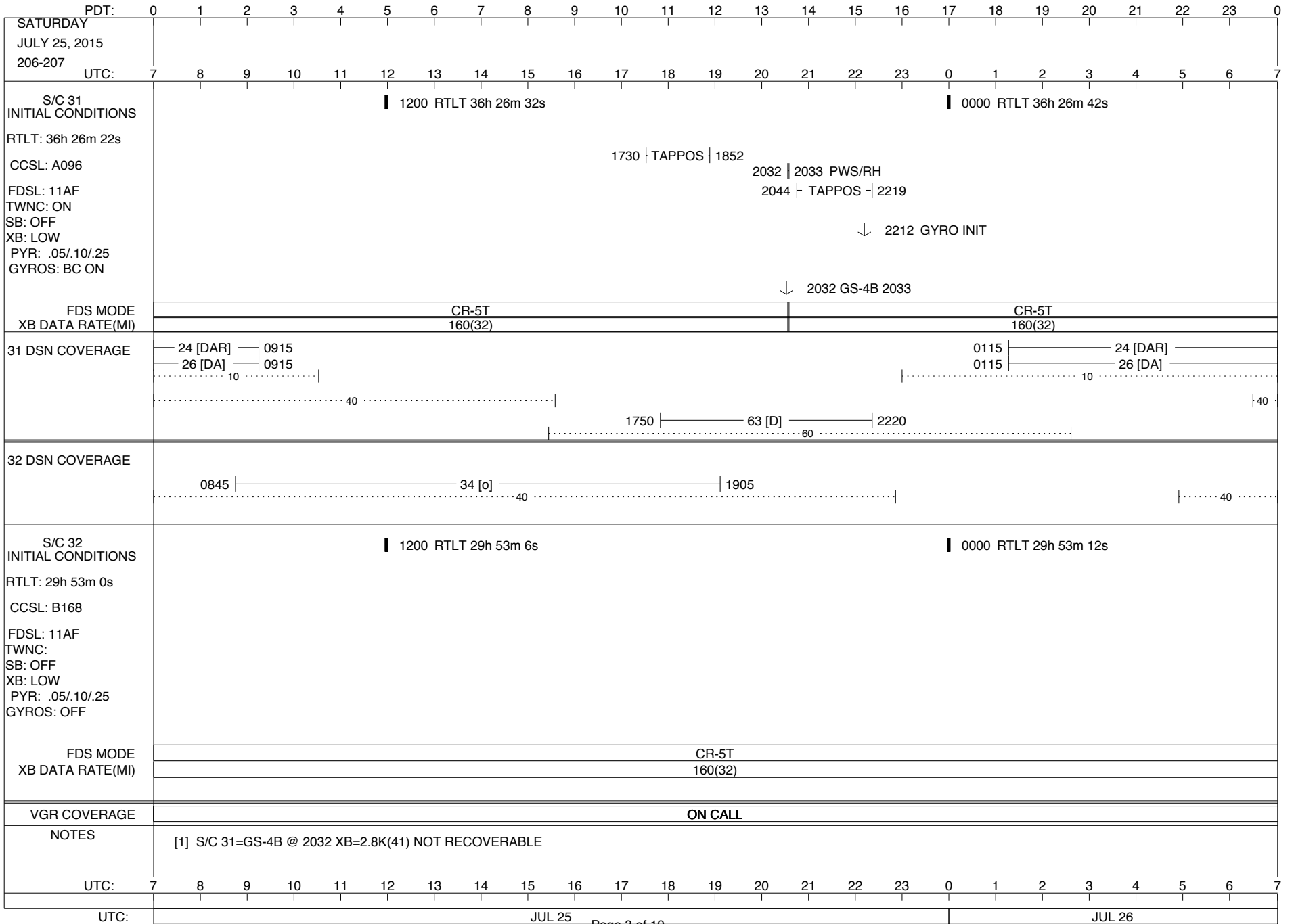
*Electronic Copy Only
 (16 – Dist/N: Paper Copies)
 09/08/10

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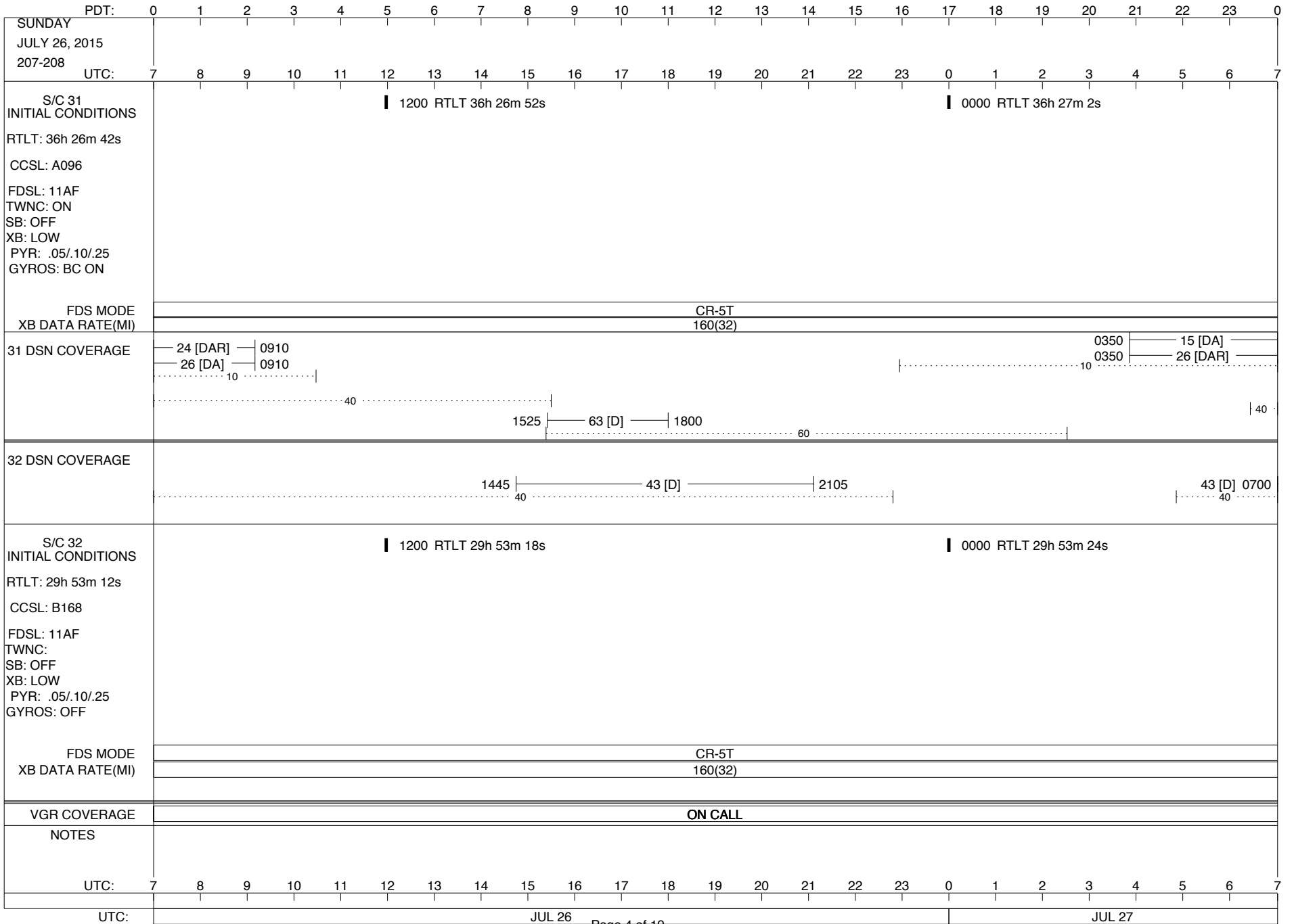


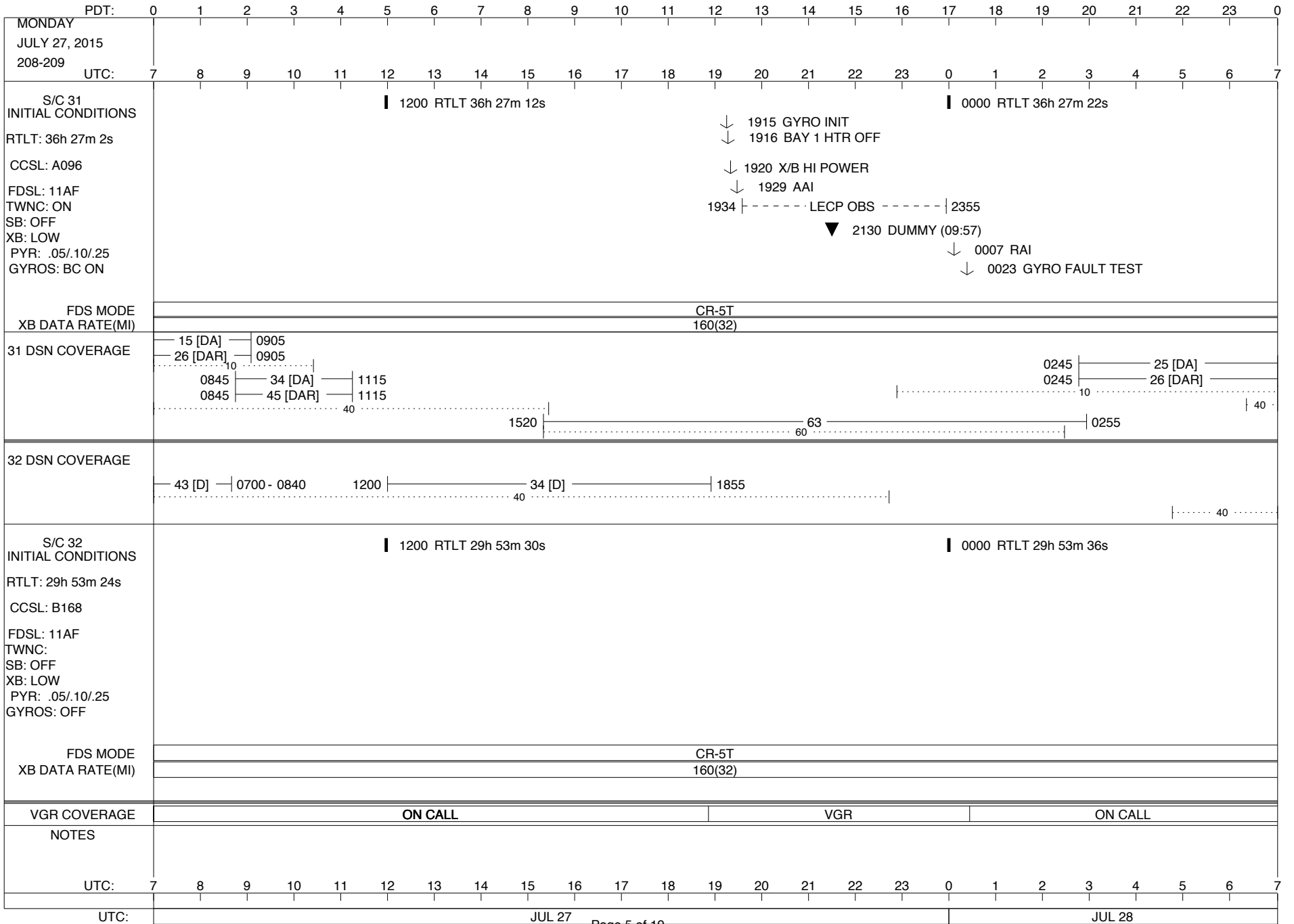


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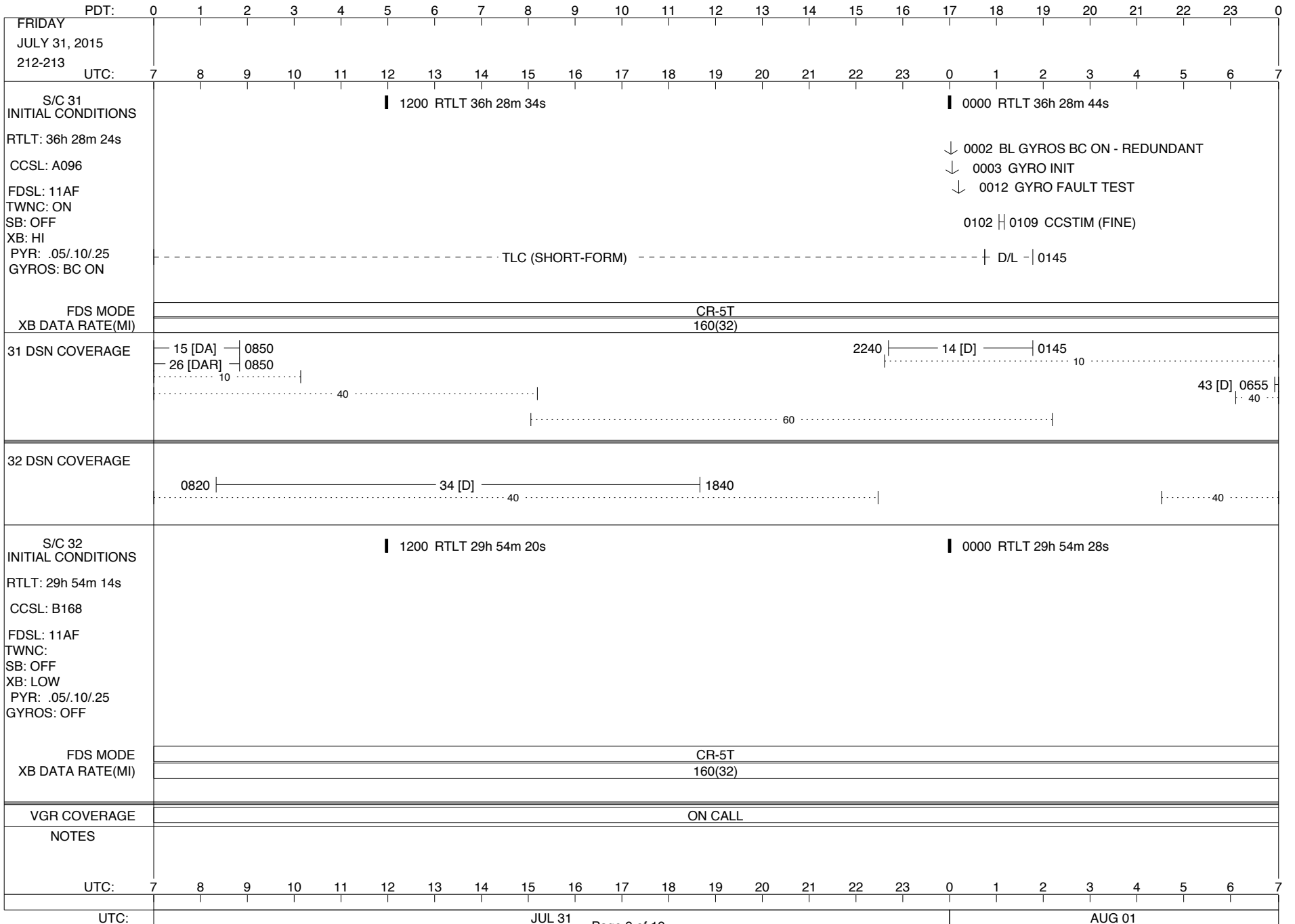
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TUESDAY JULY 28, 2015 209-210																									
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S/C 31 INITIAL CONDITIONS RTLTL: 36h 27m 22s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLTL 36h 27m 32s												0000 RTLTL 36h 27m 42s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	25 [DA] 0900 26 [DAR] 0900 10 40												0415 14 [D] 10 40 1515 63 [D] 1845 60 40												
32 DSN COVERAGE	1230 34 [D] 1650 40 1630 43 [D] 1955												0520 43 [H] 40												
S/C 32 INITIAL CONDITIONS RTLTL: 29h 53m 36s CCSL: B168 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 29h 53m 42s												0000 RTLTL 29h 53m 48s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												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
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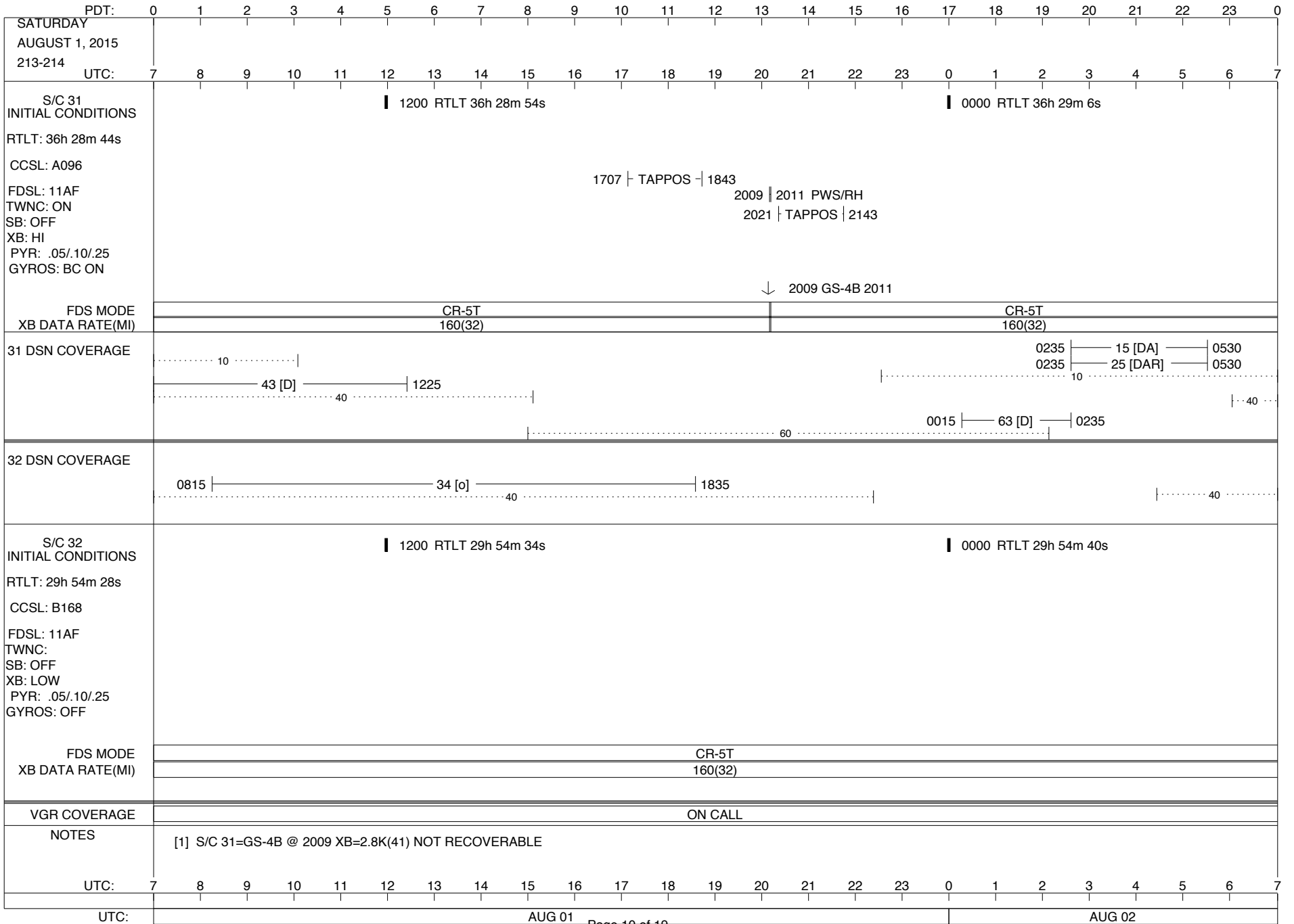
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WEDNESDAY JULY 29, 2015 210-211																									
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S/C 31 INITIAL CONDITIONS RTLTL: 36h 27m 42s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON						1200												0000							
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLTL: 29h 53m 48s CCSL: B168 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						1200												0000							
FDS MODE XB DATA RATE(MI)																									
VGR COVERAGE																									
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:																									

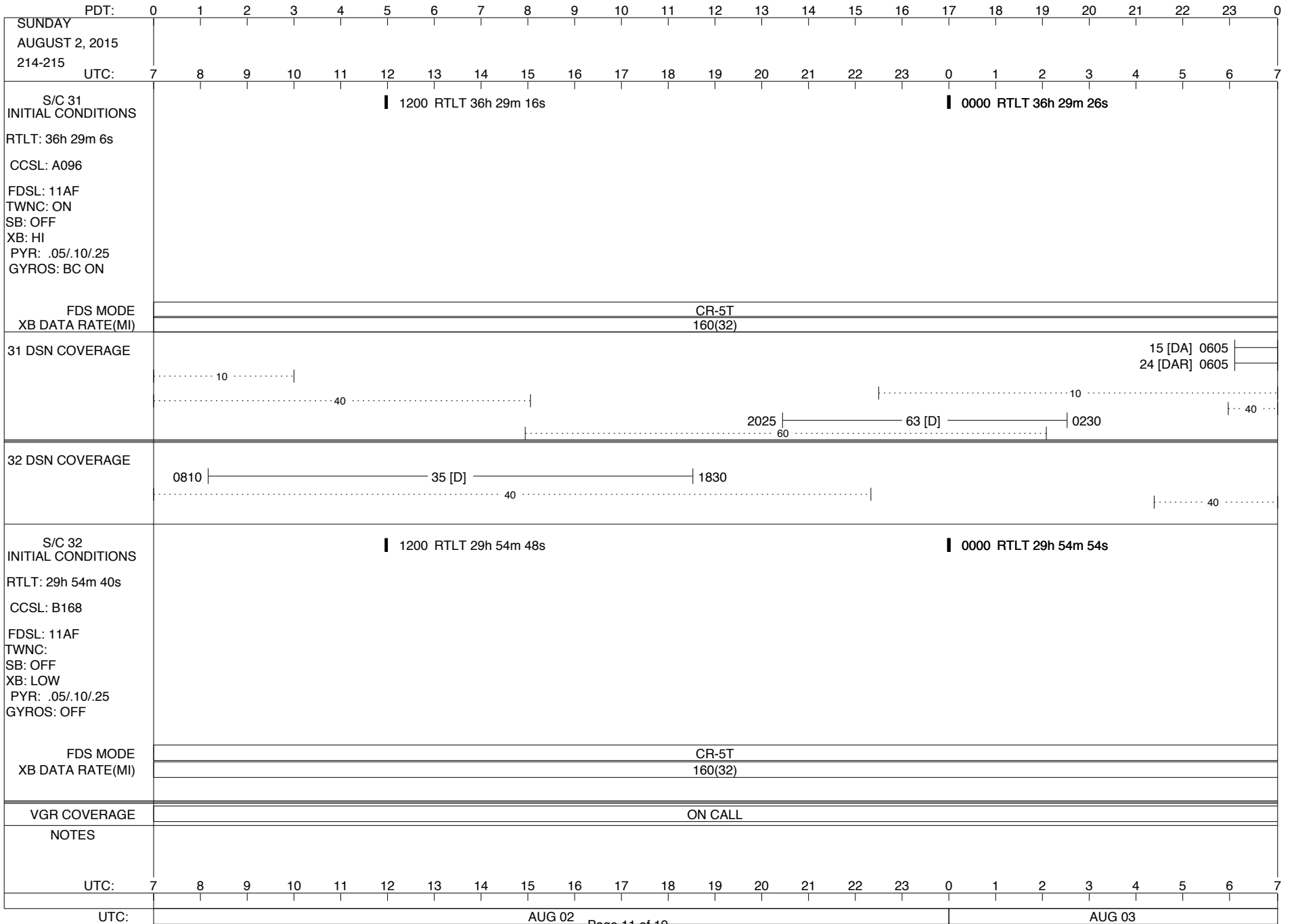
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THURSDAY JULY 30, 2015 211-212																												
S/C 31 INITIAL CONDITIONS RTLTL: 36h 28m 2s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 36h 28m 14s 1407 TAPPOS - 1556 1709 1710 PWS/RH 1721 TAPPOS - 1856 U/L 1150 - - - - - - TLC (SHORT-FORM) - - - - -												0000 RTLTL 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															
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 10 43 [T] 1515 40												0240 15 [DA] 0240 26 [DAR] 10 0030 63 [D] 0240 60															
32 DSN COVERAGE	35 [DAR] 0825 45 [DA] 1805 40																											
S/C 32 INITIAL CONDITIONS RTLTL: 29h 54m 2s CCSL: B168 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 29h 54m 8s * 1355 1402 CCSTIM FINE * 1455 1502 CCSTIM COARSE												0000 RTLTL 29h 54m 14s															
FDS MODE XB DATA RATE(MI)	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 31=EL-40 @ 0046 XB=40(30) [3] S/C 31=D/L /SNR VARIATIONS EXPECTED DURING ASCAL (0118-0155)																											
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 30														JUL 31													



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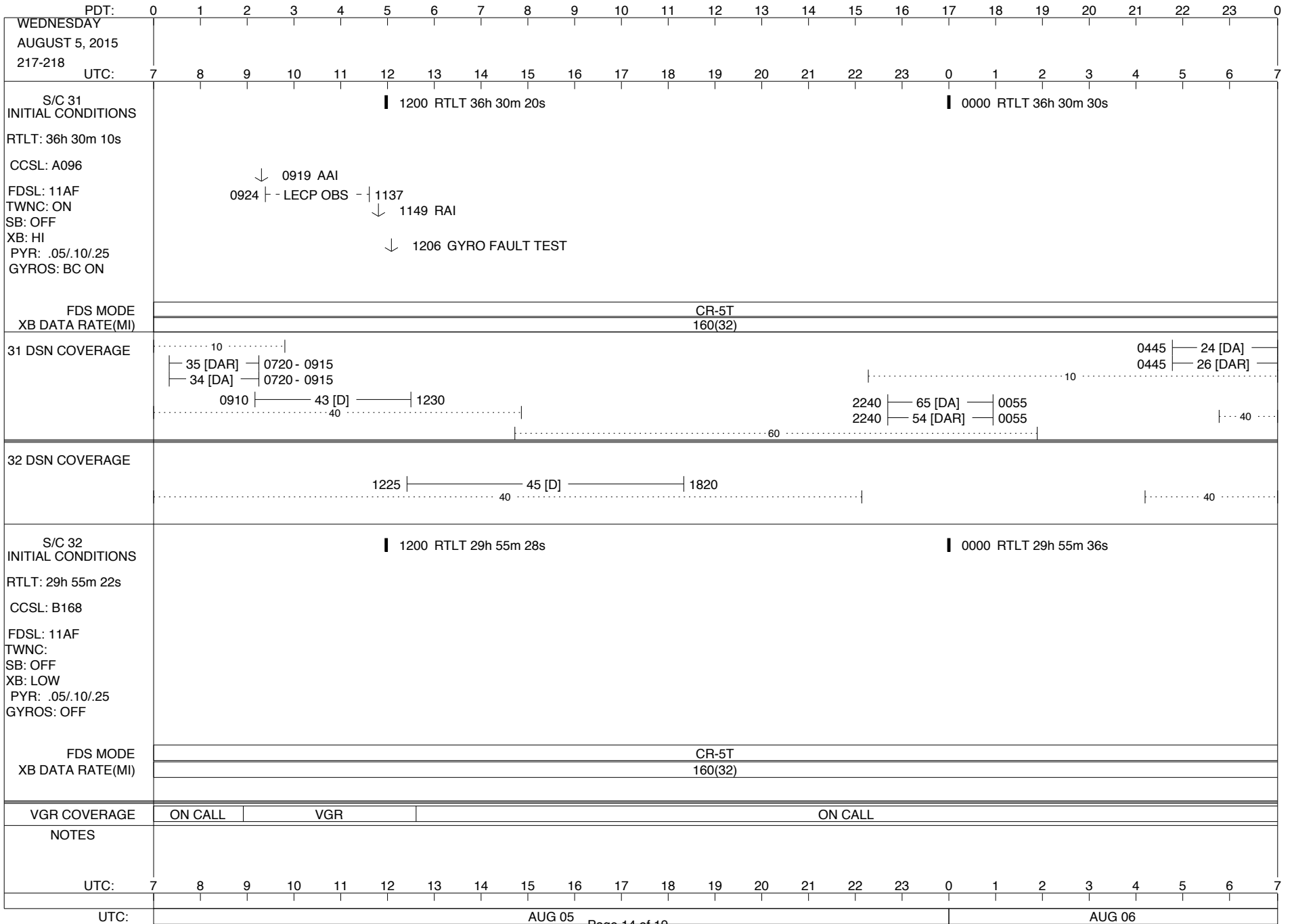
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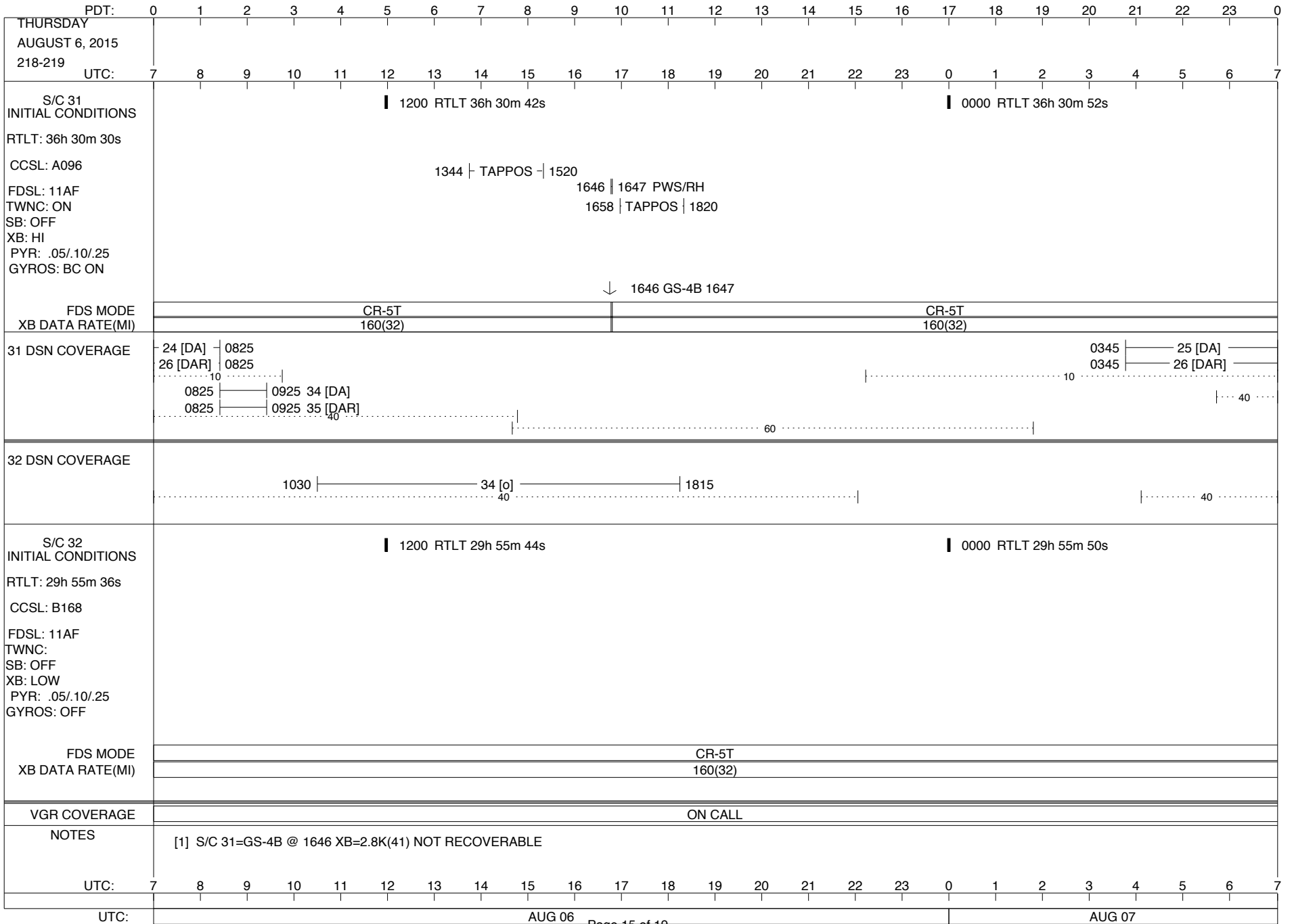
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MONDAY AUGUST 3, 2015 215-216																									
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S/C 31 INITIAL CONDITIONS RTLT: 36h 29m 26s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 36h 29m 38s												0000 RTLT 36h 29m 48s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	15 [DA] 0840 24 [DAR] 0840 0840 14 [D] 0955 10 40												10 0555 43 [D] 40												
32 DSN COVERAGE	0810 34 [D] 1030 1255 35 [D] 1825 40												40												
S/C 32 INITIAL CONDITIONS RTLT: 29h 54m 54s CCSL: B168 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 55m 0s												0000 RTLT 29h 55m 8s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL																					VGR			
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:	AUG 03												AUG 04												

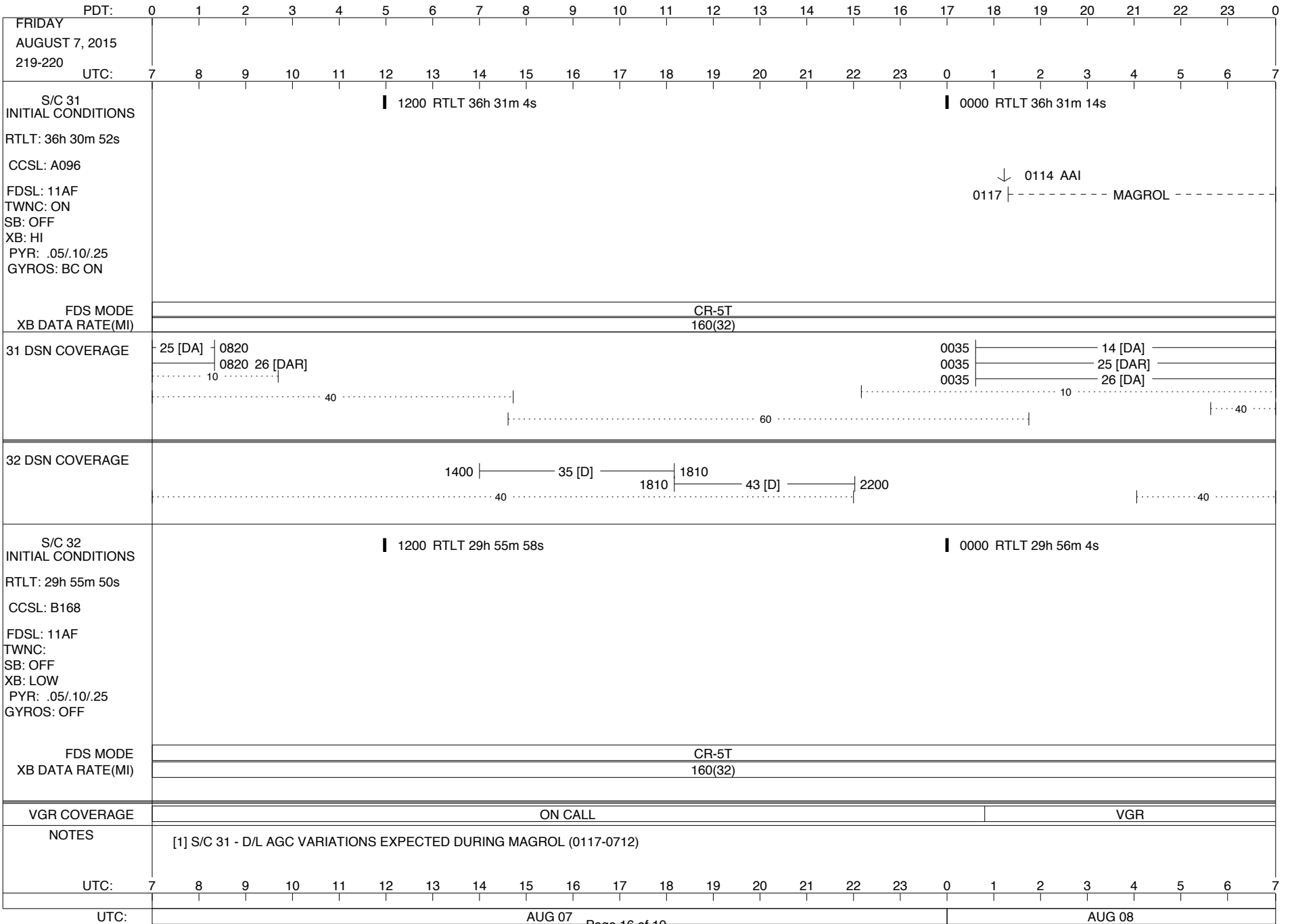
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TUESDAY AUGUST 4, 2015 216-217	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 36h 29m 48s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 36h 29m 58s												0000 RTLTL 36h 30m 10s												
LECP OBS - 0917 ↓ 0929 RAI ↓ 0946 GYRO FAULT TEST 1033 1033 PWS/RH ↓ 1033 GS-4B 1033													↓ 0103 GYRO INIT												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE 10 10 10												
	—— 43 [D] —— 0955 40 60												
 40 40												
32 DSN COVERAGE	0805 —— 34 [D] —— 1205 1245 —— 45 [D] —— 1455												1910 —— 43 [B] —— 2155 40												
S/C 32 INITIAL CONDITIONS RTLTL: 29h 55m 8s CCSL: B168 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 29h 55m 14s												0000 RTLTL 29h 55m 22s												
													▼ 2002 DUMMY (5 MIN BRACKETED 01:58)												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	VGR						ON CALL						VGR						ON CALL						
NOTES	[1] S/C 31=GS-4B @ 1033 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:	AUG 04												AUG 05												

ISSUE DATE: 07/29/15 14:04



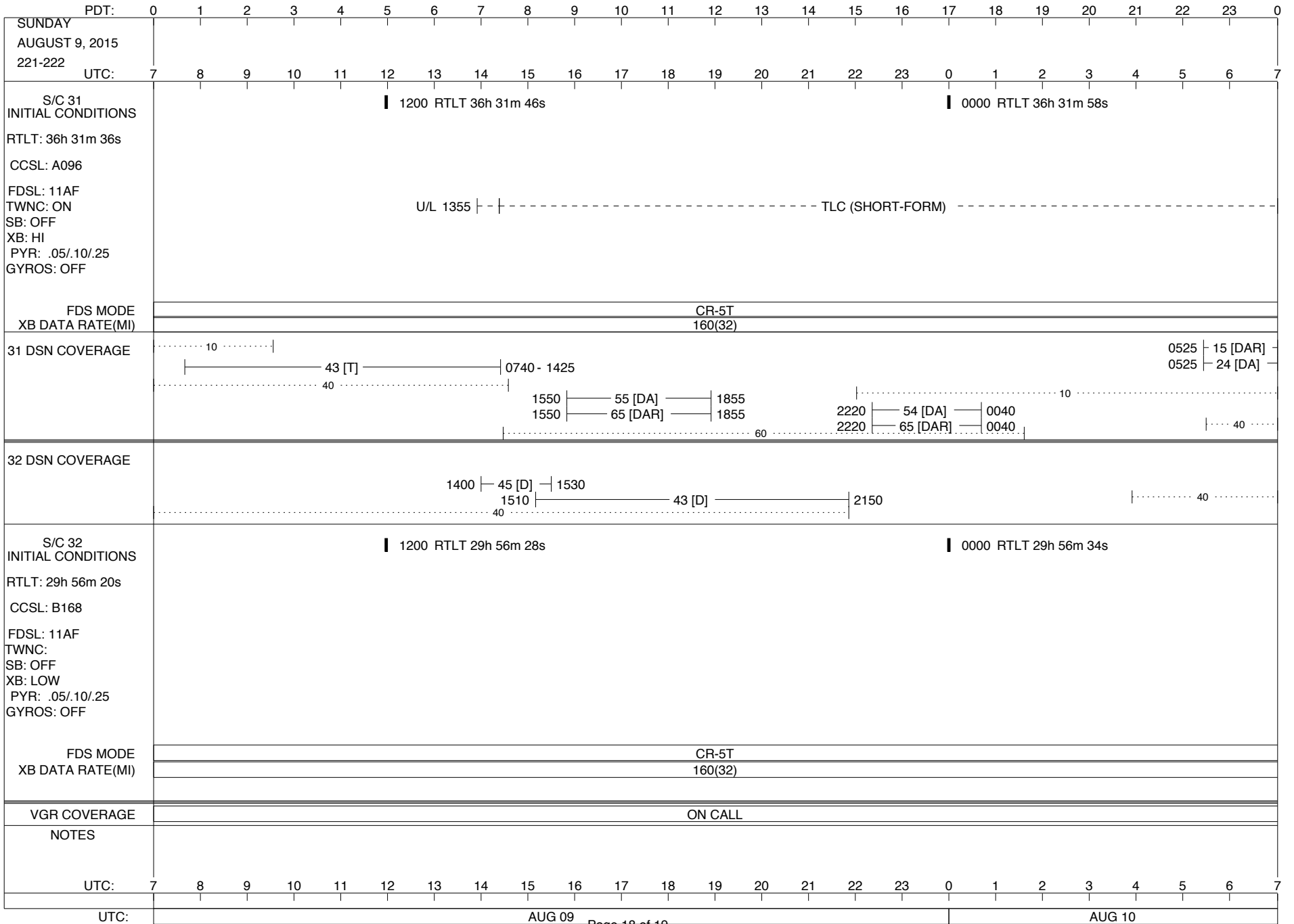
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ISSUE DATE: 07/29/15 14:04

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SATURDAY AUGUST 8, 2015 220-221	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 31m 14s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 36h 31m 26s												0000 RTLT 36h 31m 36s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	14 [DA] 0935 0715 25 [DAR] 0715 26 [DA] 10 40												10 40												
32 DSN COVERAGE	1305 45 [D] 1810 1835 43 [D] 2155 40 60												40												
S/C 32 INITIAL CONDITIONS RTLT: 29h 56m 4s CCSL: B168 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 29h 56m 12s												0000 RTLT 29h 56m 20s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1946 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:	AUG 08												AUG 09												



ISSUE DATE: 07/29/15 14:04

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MONDAY AUGUST 10, 2015 222-223																											
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 31m 58s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	<p style="text-align: center;"> 1200 RTLT 36h 32m 10s</p> <p style="text-align: center;">----- TLC (SHORT-FORM) ----- D/L - 0227</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p>0745 15 [DAR]</p> <p>0745 24 [DA]</p> <p>14 [D] 0725 - 0925</p> <p>10</p> <p>40</p>																										
32 DSN COVERAGE	<p>35 [D] 0740 - 0910</p> <p>1310 45 [D] 1800</p> <p>40</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 29h 56m 34s CCSL: B168 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p style="text-align: center;"> 1200 RTLT 29h 56m 42s</p>																										
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:	AUG 10													AUG 11													