

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: July 24, 2013

For the Period: 07/25/13 to 08/11/13 (13-206 – 13-223)

DSN OPSCHIEF (1) 230-102

SCIENCE

FLIGHT TEAM (14) 600-100

DSOT (1) 230-102

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 PWS *wsk@space.physics.uiowa.edu
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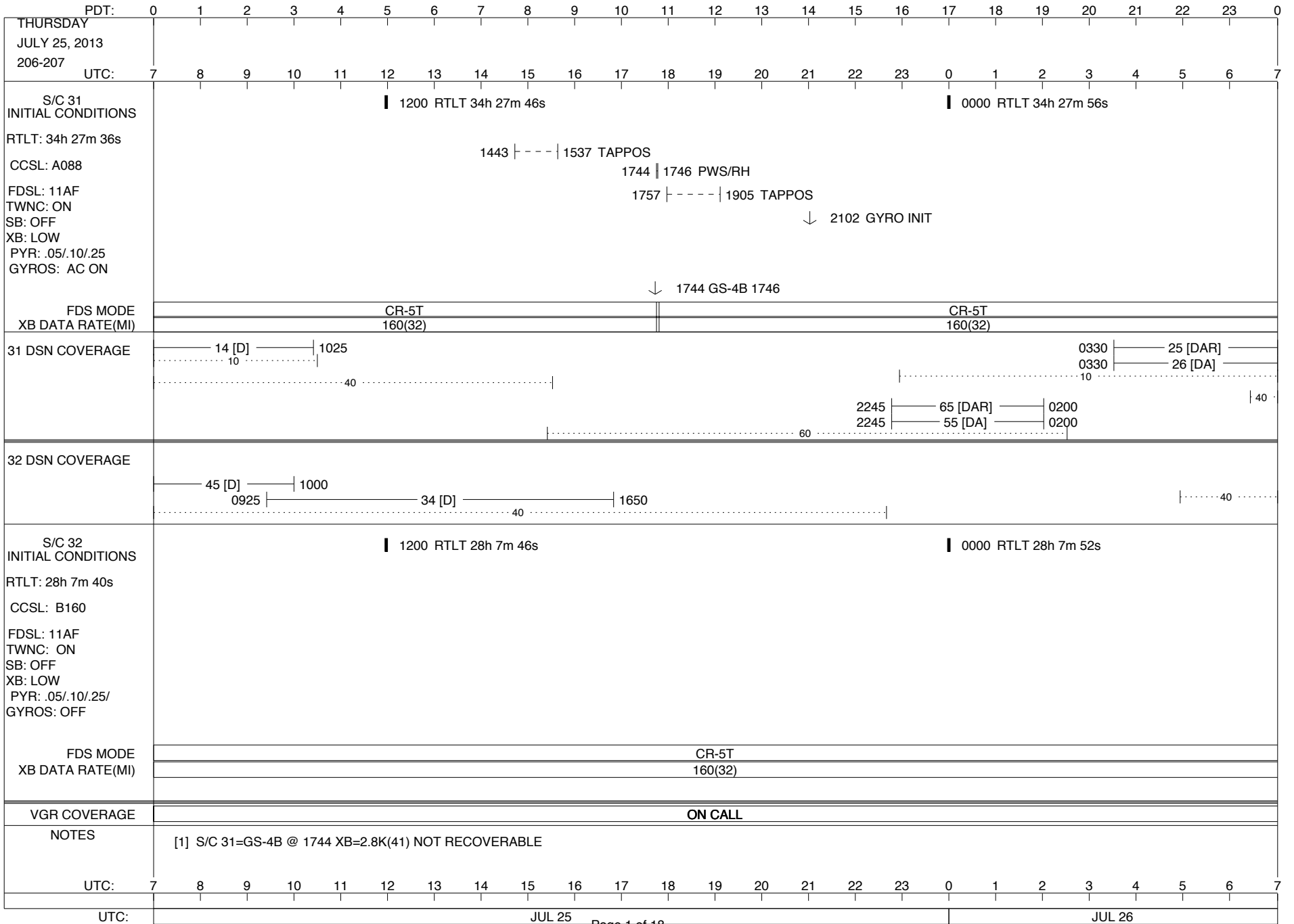
Dodd, S.
 Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina, E.
 Peralta, F.
 Weeks, T.
 Wong, R.
 Yang, L
 Zottarelli, L.
 *odivers1@san.rr.com

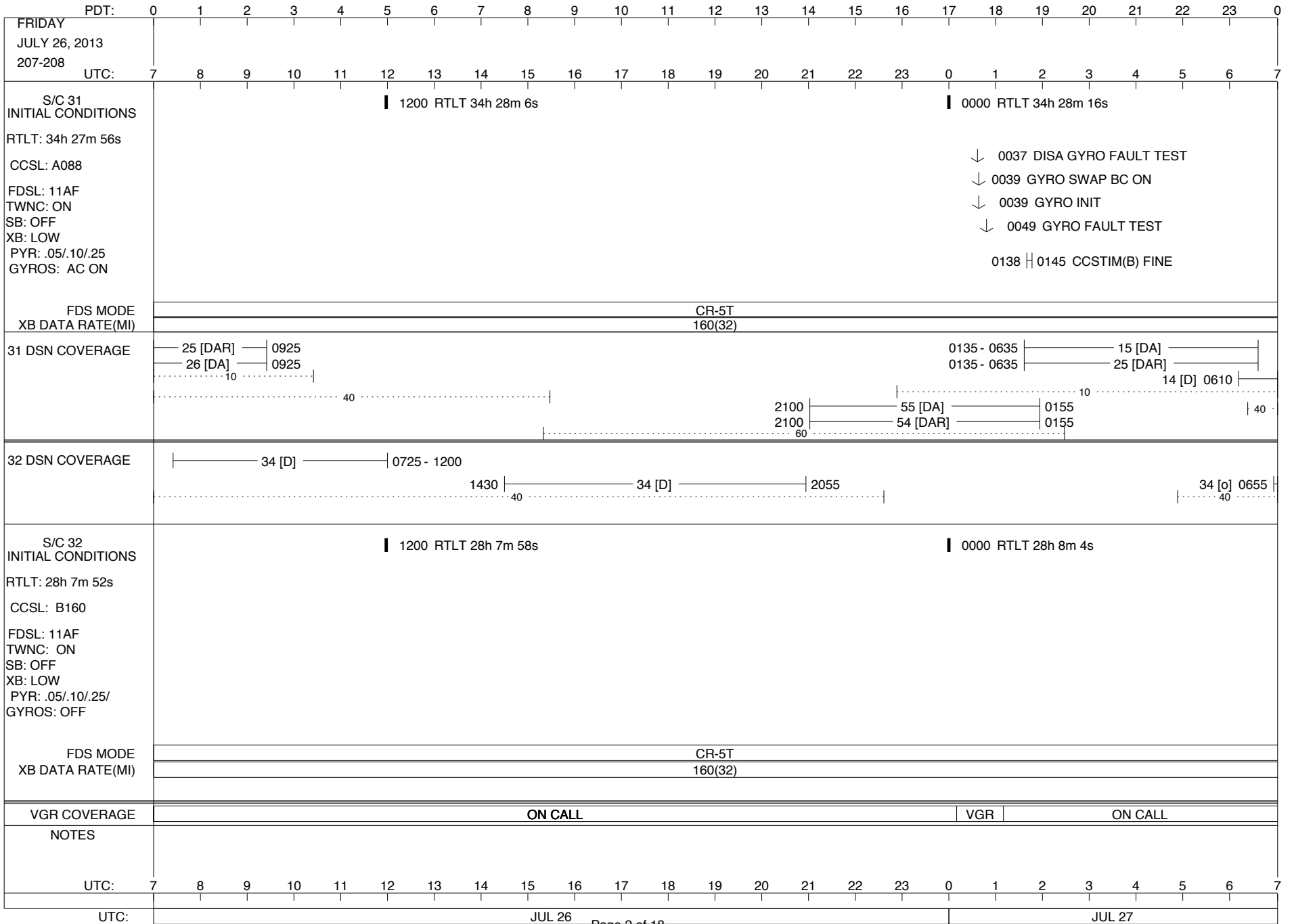
OTHER

* KMassej@jgld.gdscc.nasa.gov
 * Belinda.Arroyo@jpl.nasa.gov
 * !DL-DSN-MPSETA@dsn.nasa.gov

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 = 7-Point BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

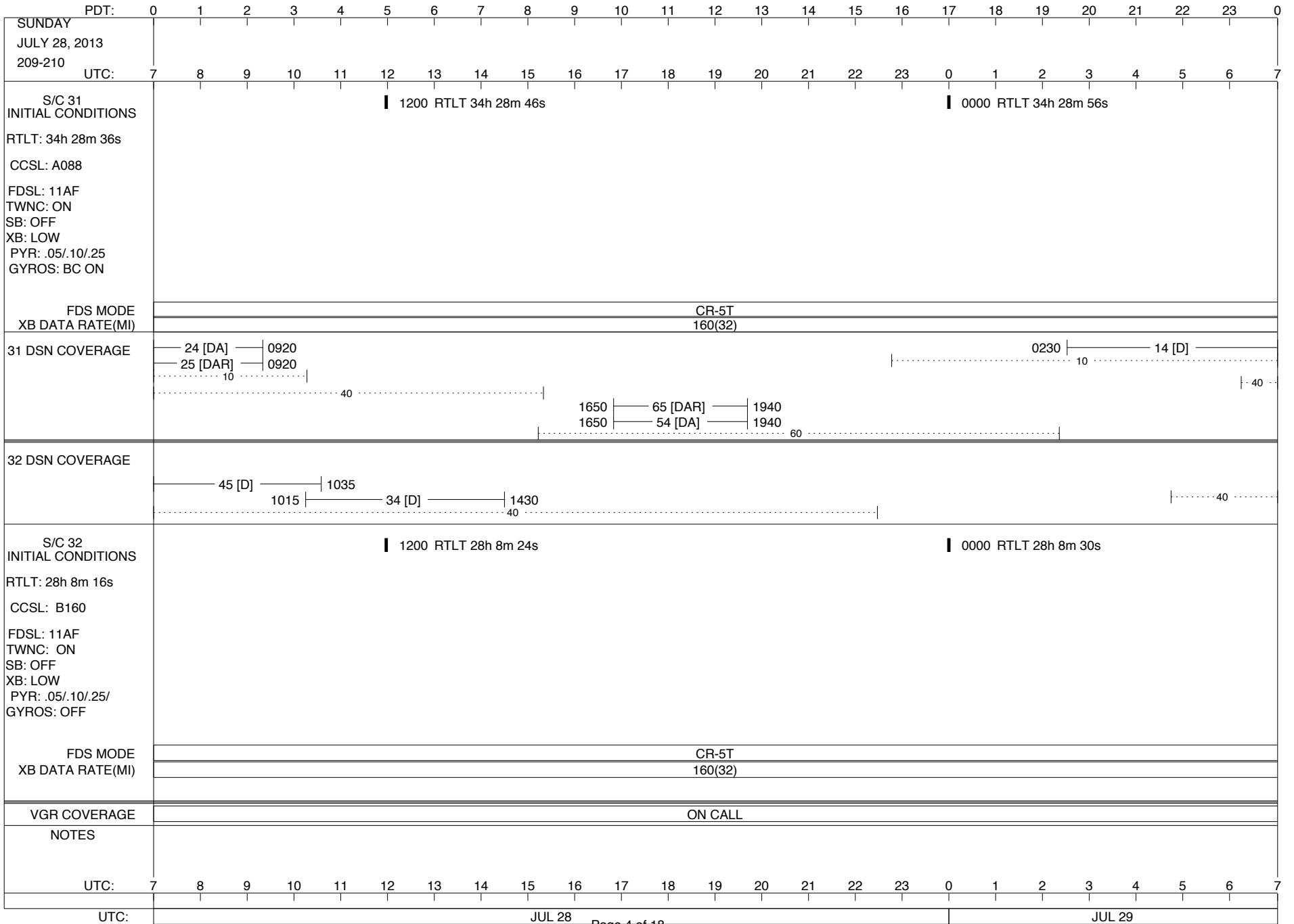
*Electronic Copy Only
 (16 – Dist/N: Paper Copies)
 09/08/10



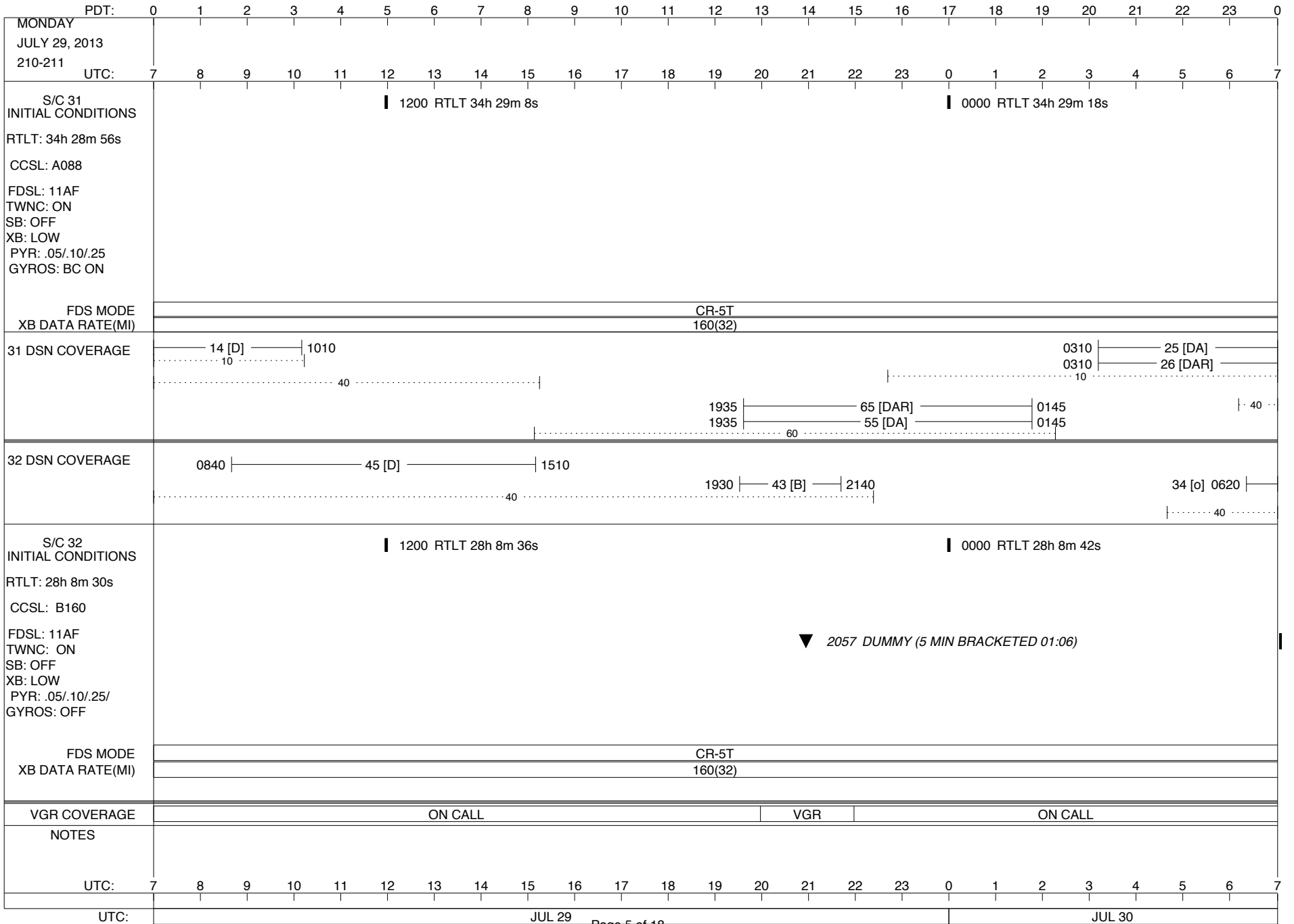


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SATURDAY JULY 27, 2013 208-209	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 34h 28m 16s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	| 1200 RTLTL 34h 28m 26s												| 0000 RTLTL 34h 28m 36s												
	1744 |-----| 1851 TAPPOS												2045 | 2046 PWS/RH												
													2057 | TAPPOS | 2219												
													↓ 2045 GS-4B 2046												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] -----| 1020												0125 -----| 24 [DA]												
	10 -----| 40												0125 -----| 25 [DAR]												
	-----| 40												-----| 10												
	-----| 40												-----| 40												
32 DSN COVERAGE	34 [o] -----| 1445												45 [D] 0630 |												
	-----| 40												-----| 40												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 8m 4s CCSL: B160 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLTL 28h 8m 10s												| 0000 RTLTL 28h 8m 16s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 2045 XB=2.8K(41) NOT RECOVERABLE																								
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UTC:	JUL 27												JUL 28												

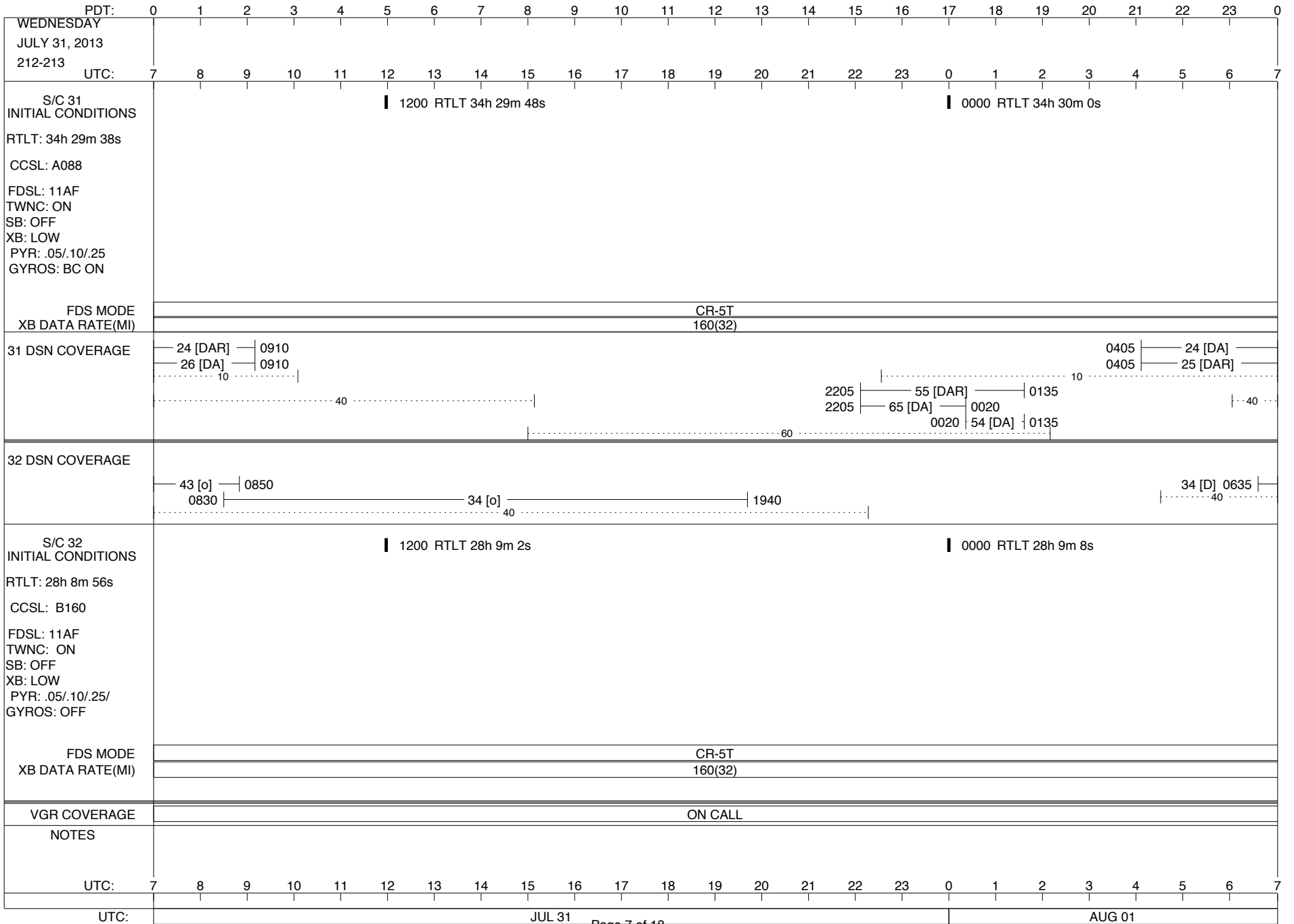
ISSUE DATE: 07/25/13 20:06

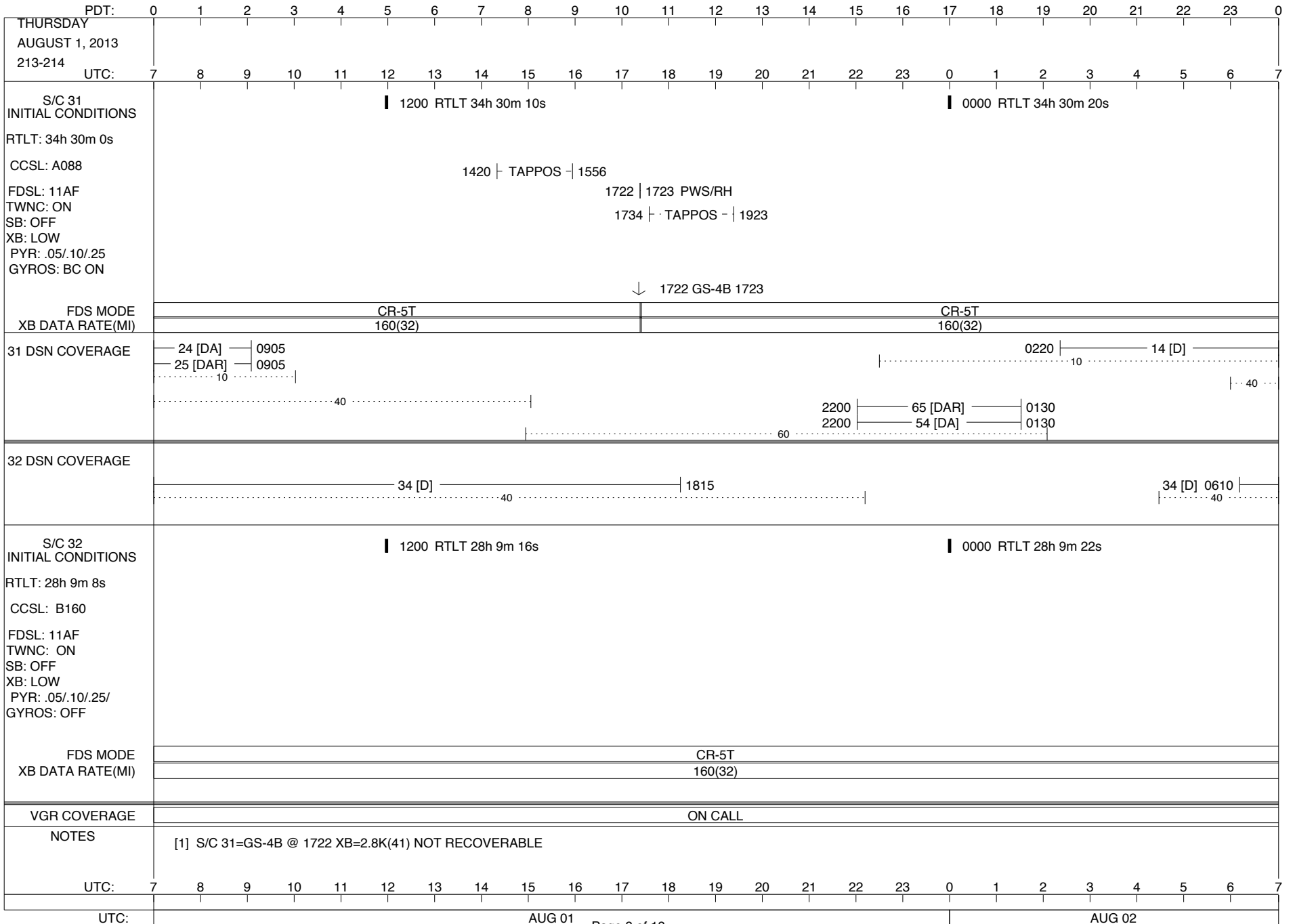


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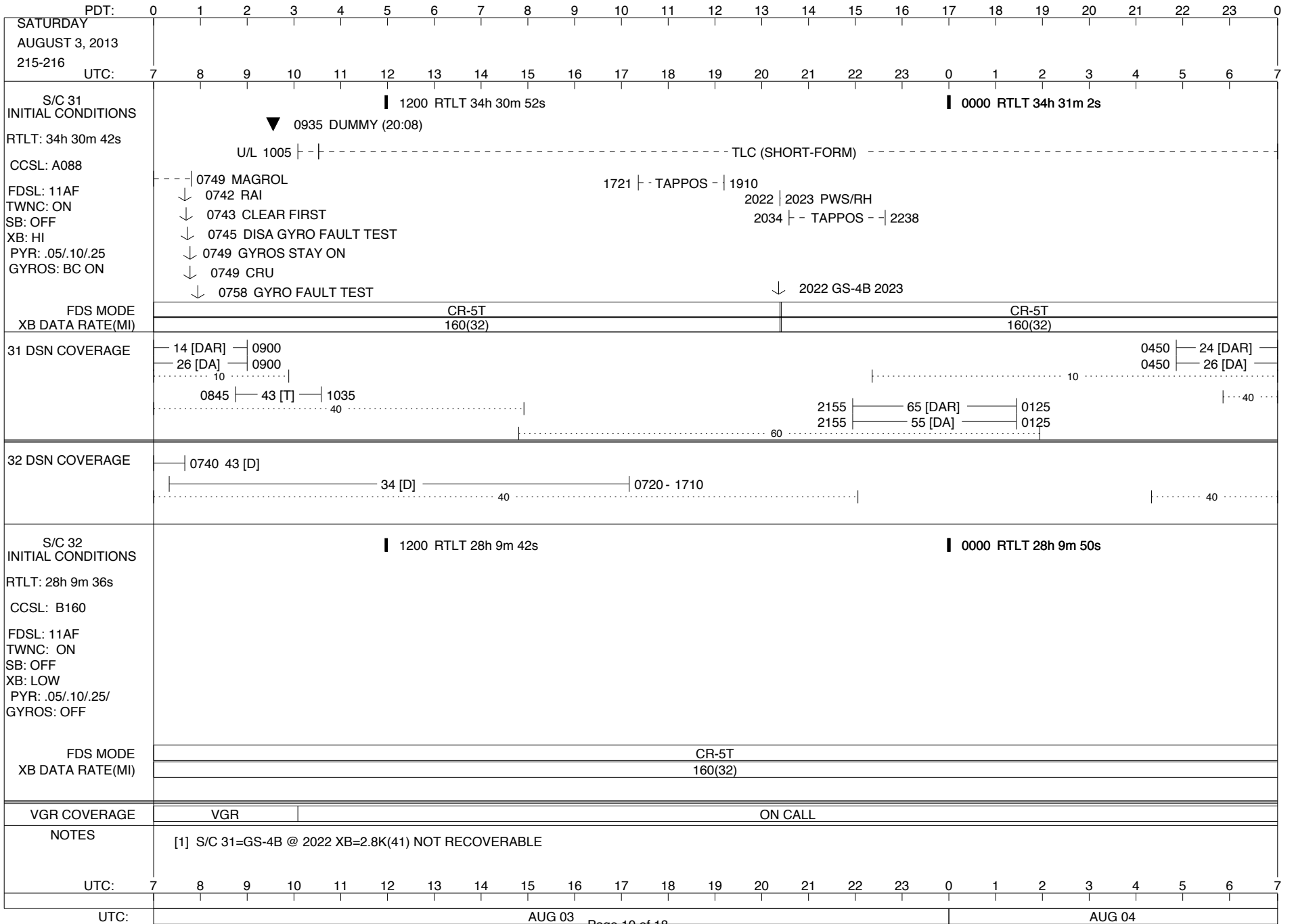
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TUESDAY JULY 30, 2013 211-212	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 34h 29m 18s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 34h 29m 28s												0000 RTLT 34h 29m 38s													
1108 | 1109 PWS/RH													↓ 0139 GYRO INIT													
↓ 1108 GS-4B 1109																										
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	25 [DA] 0910 26 [DAR] 0910.....10.....												0310 24 [DAR] 0310 26 [DA] .....10.....													
	40												1915 65 [DA] 0140 1915 55 [DAR] 0140.....60.....													
32 DSN COVERAGE	34 [o] 1510 1450 45 [D] 1950.....40.....												43 [o] 0645.....40.....													
S/C 32 INITIAL CONDITIONS RTLTL: 28h 8m 42s CCSL: B160 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 8m 48s												0000 RTLT 28h 8m 56s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE													ON CALL													
NOTES	[1] S/C 31=GS-4B @ 1108 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 30													JUL 31												

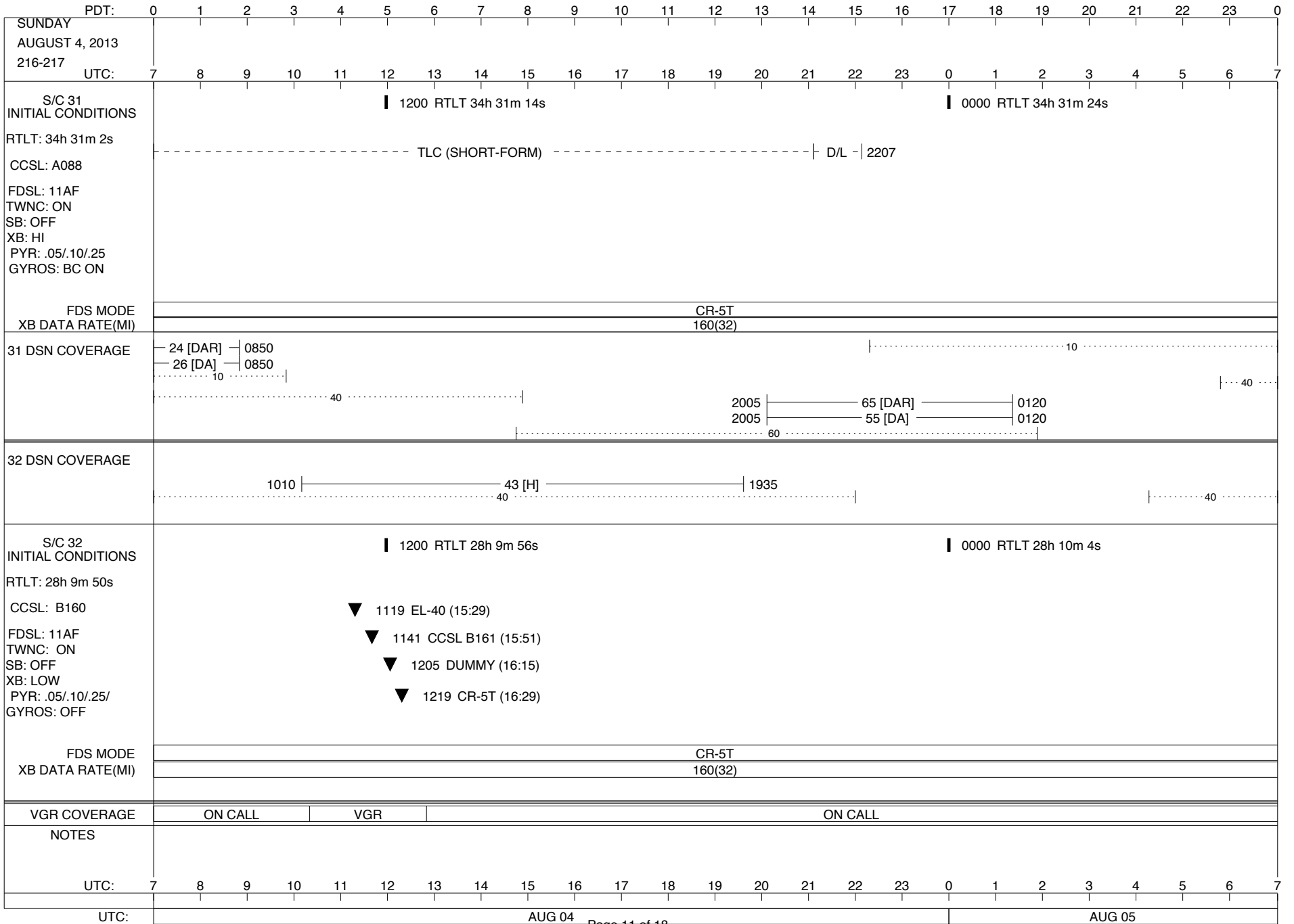




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FRIDAY AUGUST 2, 2013 214-215																												
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLT: 34h 30m 20s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	| 1200 RTLT 34h 30m 30s												| 0000 RTLT 34h 30m 42s ↓ 0126 BAY 1 HTR OFF ↓ 0130 X/B HI POWER ↓ 0150 AAI 0152 |-----MAGROL-----|															
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
31 DSN COVERAGE	14 [D] | 0935 ----- 10												2320 | 14 [DAR] | 2320 | 26 [DA] | ----- 10															
	40												1955 | 55 [DAR] | 2340 1955 | 54 [DA] | 2340 ----- 60															
32 DSN COVERAGE	34 [D] | 1315 ----- 40												1645 | 34 [D] | 2025 ----- 40															
													0420 | 43 [D] | ----- 40															
S/C 32 INITIAL CONDITIONS RTLT: 28h 9m 22s CCSL: B160 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLT 28h 9m 28s												| 0000 RTLT 28h 9m 36s															
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	ON CALL																	VGR										
NOTES	[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0152-0748)																											
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 02														AUG 03													





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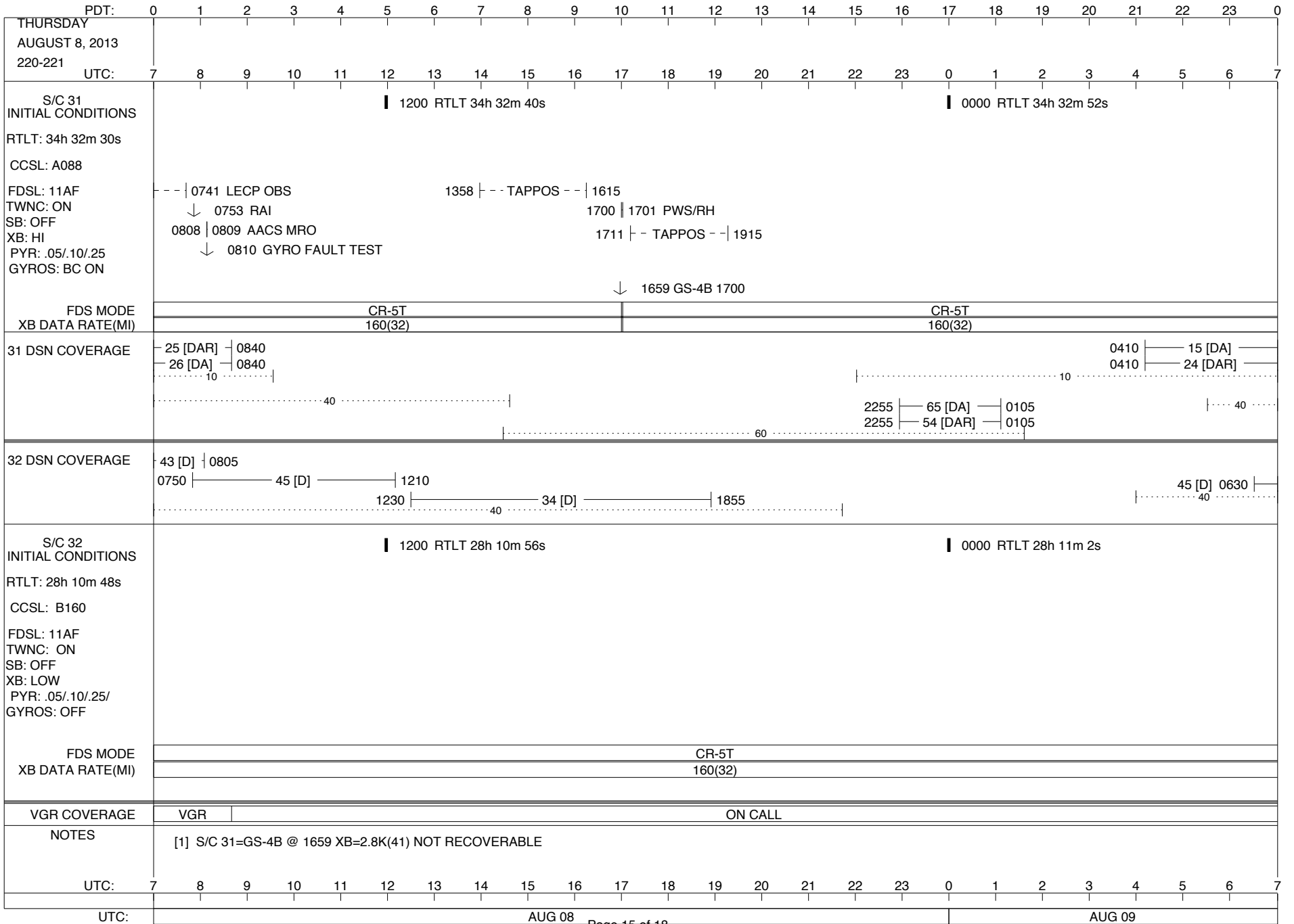
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MONDAY AUGUST 5, 2013 217-218																									
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S/C 31 INITIAL CONDITIONS RTLT: 34h 31m 24s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 34h 31m 36s												0000 RTLT 34h 31m 46s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	.....10.....|												0210 - 0630 |----- 14 [D] -----|												
	.....40.....|												24 [DA] 0610 |-----|												
													26 [DA] 0610 |-----|												
													2110 |----- 54 [DAR] -----| 0115												
													2110 |----- 65 [DA] -----| 2330												
													2310 |----- 55 [DA] -----| 0115												
													.....60.....|												
32 DSN COVERAGE	0845 |----- 34 [D] -----| 1730												2015 |----- 43 [D] -----| 2140												
	.....40.....|												.....40.....|												
S/C 32 INITIAL CONDITIONS RTLT: 28h 10m 4s CCSL: B160 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLT 28h 10m 12s												| 0000 RTLT 28h 10m 18s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												VGR												
NOTES	[1] S/C 32=EL-40 @ 1530 XB=40(30)												[2] S/C 32=CR-5T @ 1630 XB=160(32)												
	[3] S/C 31=GS-4B @ 2322 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 05												AUG 06												

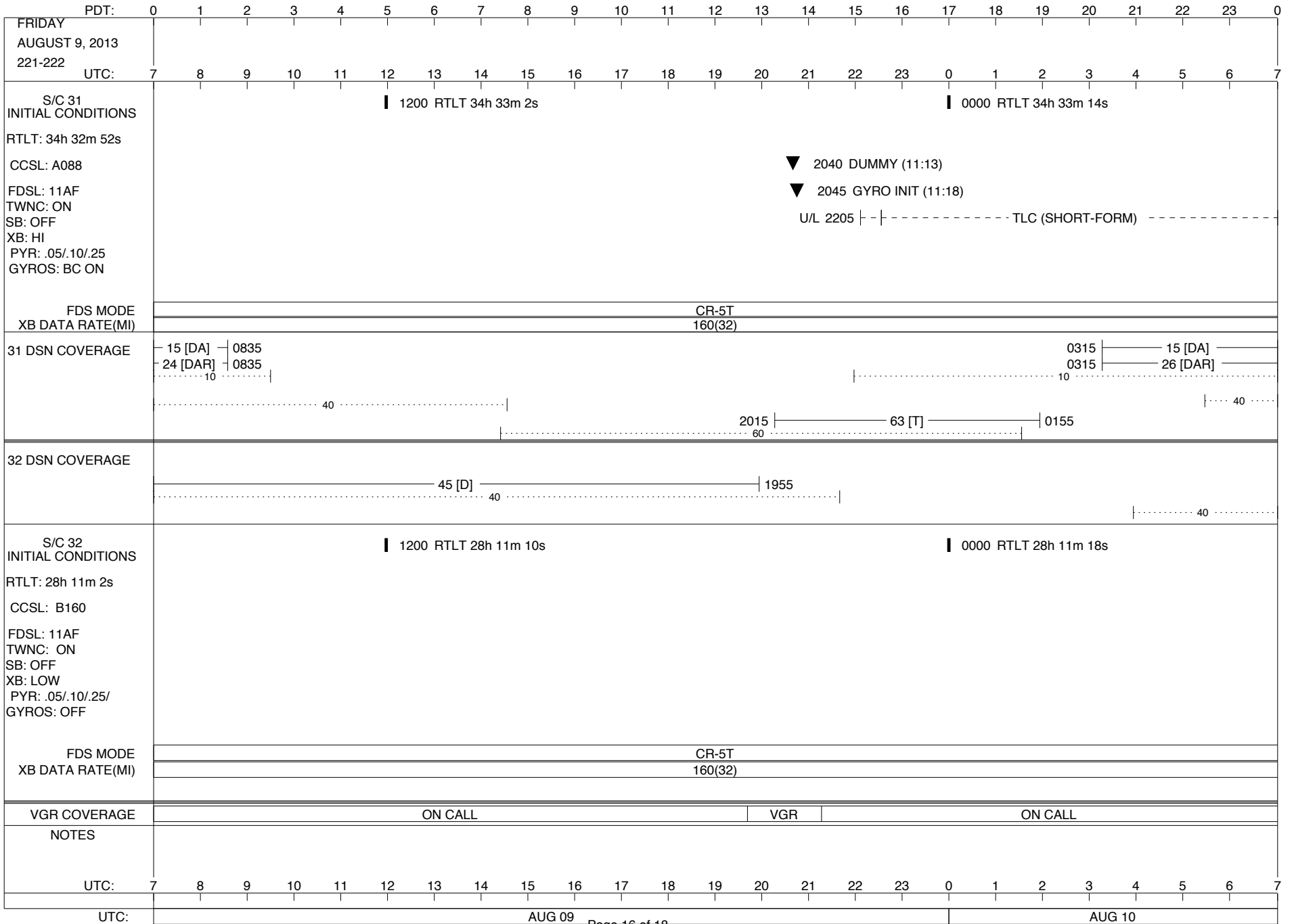
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UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 34h 31m 46s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 34h 31m 56s												0000 RTLT 34h 32m 8s												
	1046 | 1047 PWS/RH												2023 | 2024 AACS MRO ↓ 2025 AAI 2028 | ----- LECP OBS ----- | 0002 ↓ 0014 RAI 0029 | 0030 AACS MRO ↓ 0031 GYRO FAULT TEST												
	↓ 0711 RAI | 0726 - 0727 AACS MRO ↓ 0728 GYRO FAULT TEST												↓ 1046 GS-4B 1046												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	24 [DA] | 0845 26 [DAR] | 0845 10												0350 - 0650 | 14 [D] | ..... 10												
	..... 40												2000 | 55 [DA] | 0110 2000 | 54 [DAR] | 0110 60											
32 DSN COVERAGE	34 [D] | 1540 40												34 [o] 0645 | ..... 40												
S/C 32 INITIAL CONDITIONS RTLT: 28h 10m 18s CCSL: B160 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 10m 26s												0000 RTLT 28h 10m 32s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	VGR ON CALL												VGR ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1046 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 06												AUG 07												

ISSUE DATE: 07/25/13 20:06

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 AUGUST 7, 2013 219-220																									
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: 34h 32m 8s CCSL: A088 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: 28h 10m 32s CCSL: B160 FDSL: 11AF TWNC: ON 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:																									

ISSUE DATE: 07/25/13 20:06





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 AUGUST 10, 2013 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 RTLTL: 34h 33m 14s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	| 1200 RTLTL 34h 33m 24s												| 0000 RTLTL 34h 33m 36s													
	1658 | - TAPPOS - | 1901												2000 | 2001 PWS/RH													
													2012 | - TAPPOS - | 2201													
	----- TLC (SHORT-FORM) -----																									
	↓ 1959 GS-4B 2001																									
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	15 [DA] | 0830												0255 | 14 [D] | 0550													
	26 [DAR] | 0830												0530 | 25 [DA] | 0550													
	..... 10 .....												..... 10											
	..... 40 .....												..... 60											
	..... 1820 | 63 [D] | 0155												..... 40											
32 DSN COVERAGE	0815 | 45 [D] | 1350												..... 40												
	1330 | 34 [D] | 1920												..... 40												
	..... 40																								
S/C 32 INITIAL CONDITIONS RTLTL: 28h 11m 18s CCSL: B160 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLTL 28h 11m 26s												| 0000 RTLTL 28h 11m 34s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
VGR COVERAGE	ON CALL																									
NOTES	[1] S/C 31=GS-4B @ 1959 XB=2.8K(41) NOT RECOVERABLE																									
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UTC:	AUG 10													AUG 11												

ISSUE DATE: 07/25/13 20:06

