

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: July 31, 2013

For the Period: 08/01/13 to 08/19/13 (13-213 – 13-231)

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SCIENCE

FLIGHT TEAM (14) 600-100

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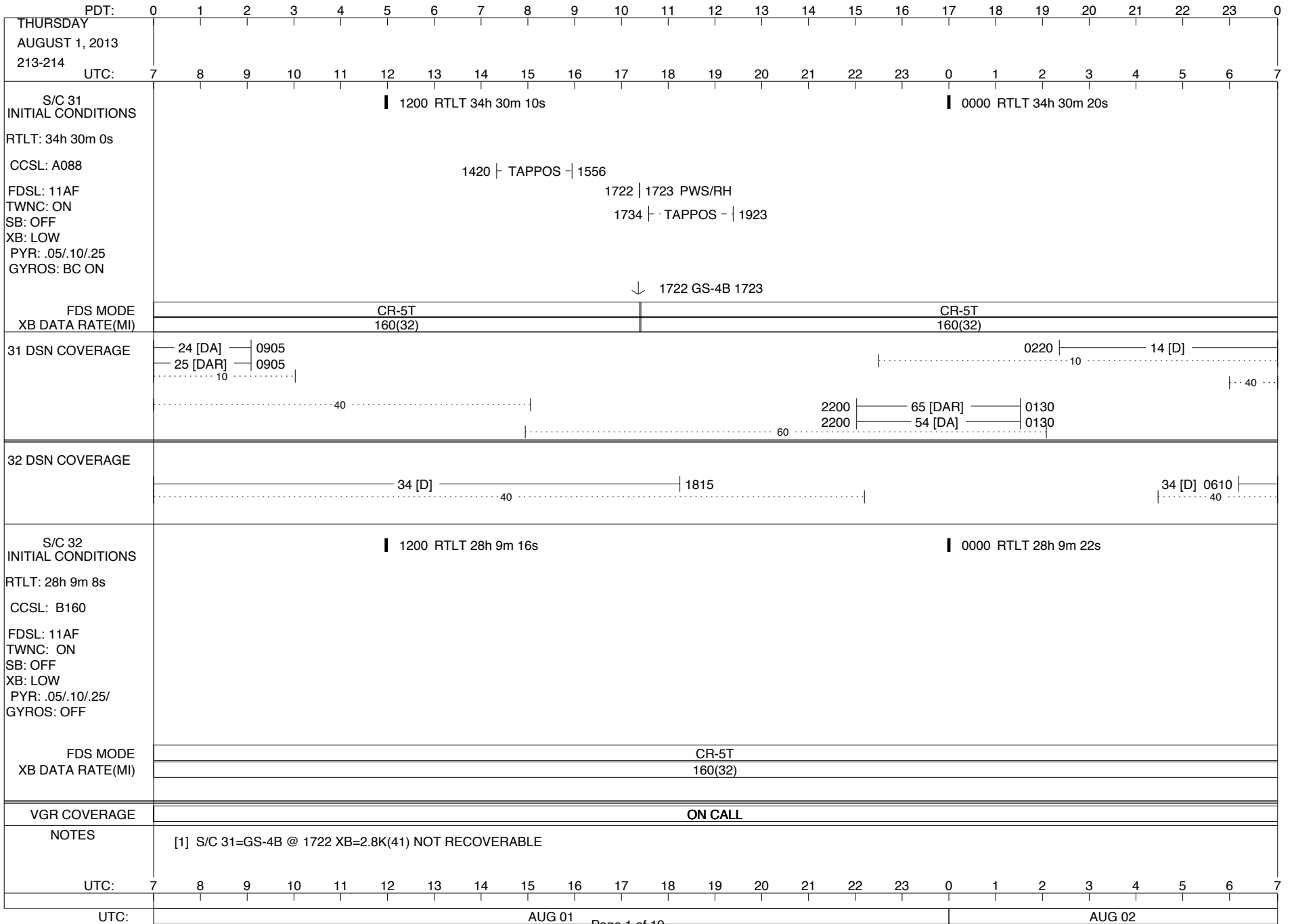
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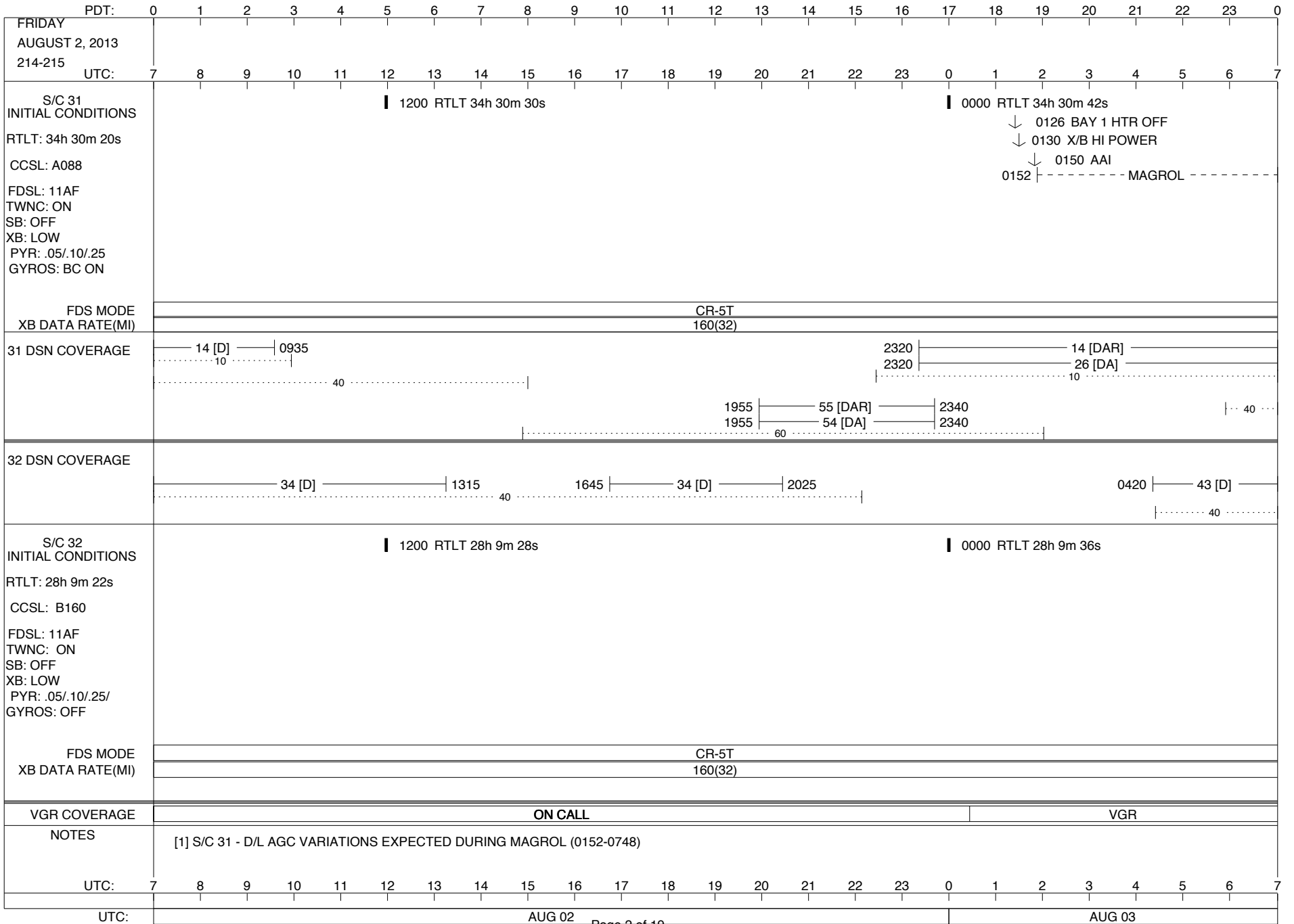
LEGEND: ∇ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = 7-Point BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

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

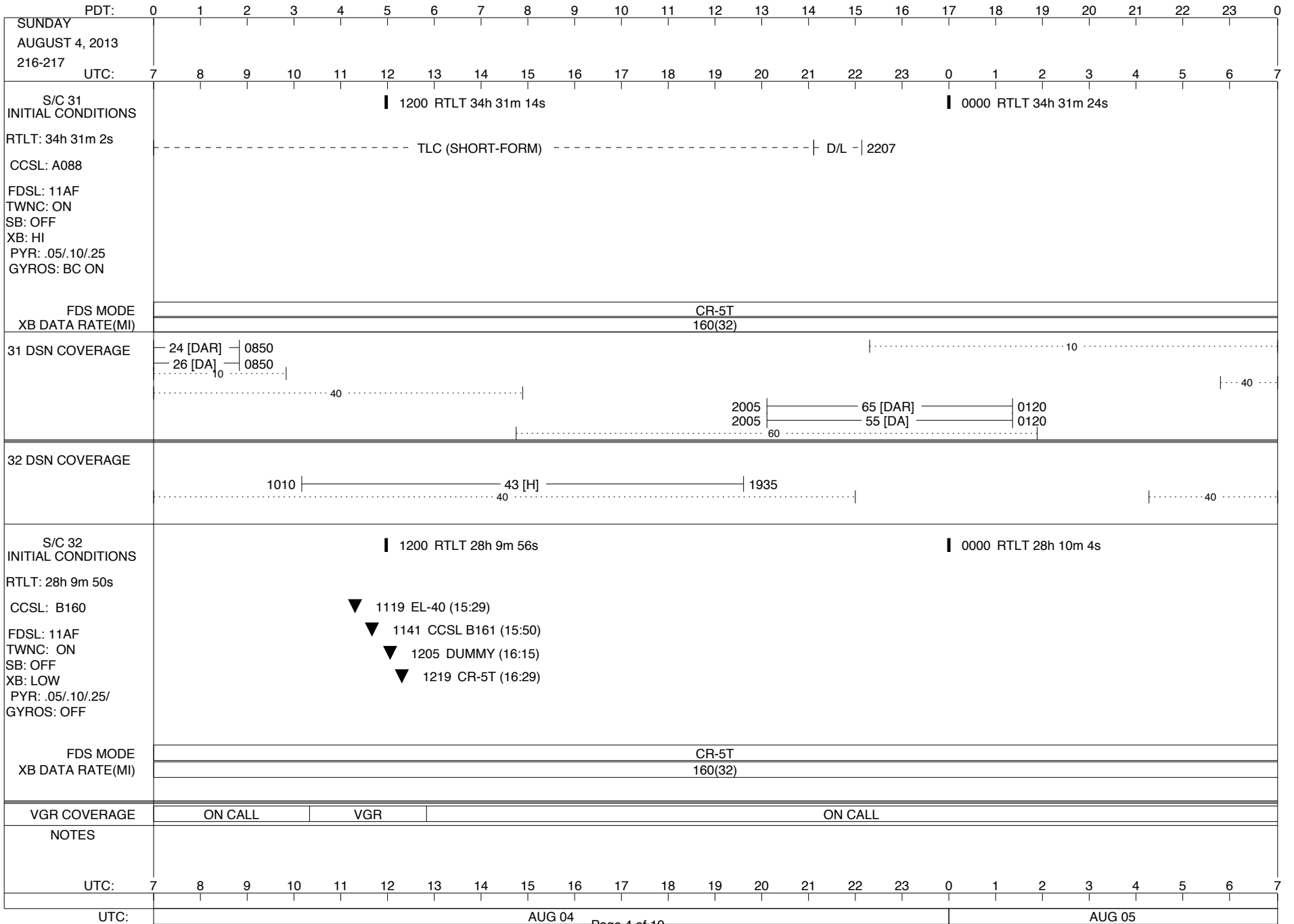
ISSUE DATE: 08/01/13 14:11



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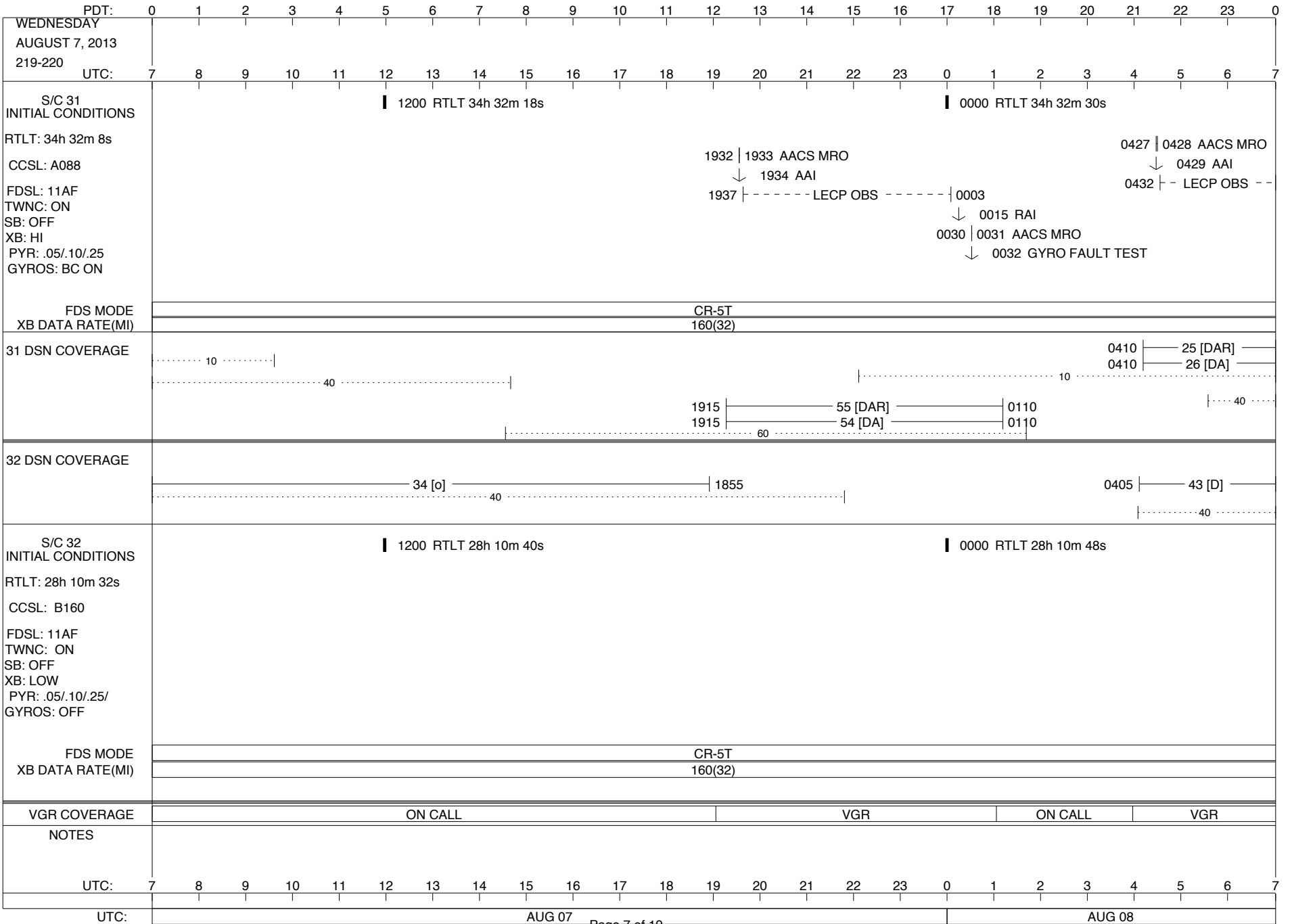


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MONDAY AUGUST 5, 2013 217-218																									
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S/C 31 INITIAL CONDITIONS RTLTL: 34h 31m 24s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 34h 31m 36s												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.....|												34 [D] 0645 |-----|												
													.....40.....|												
S/C 32 INITIAL CONDITIONS RTLTL: 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						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 @ 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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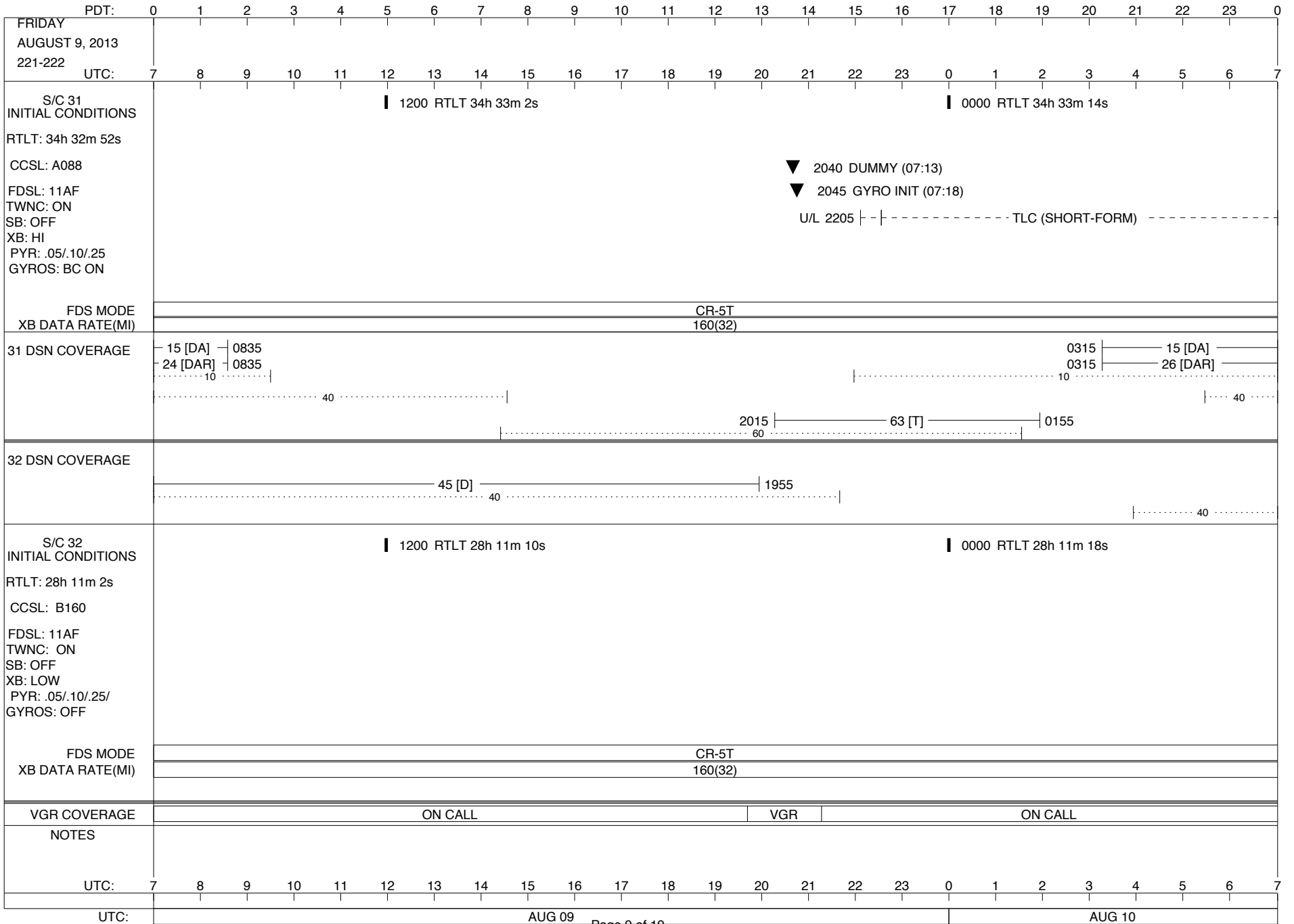
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S/C 31 INITIAL CONDITIONS RTLT: 34h 31m 46s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 34h 31m 56s												0000 RTLT 34h 32m 8s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	24 [DA] 0845 26 [DAR] 0845 10												0350 - 0650 14 [D] 10 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: 08/01/13 14:11

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THURSDAY AUGUST 8, 2013 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 RTLTL: 34h 32m 30s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 34h 32m 40s												0000 RTLT 34h 32m 52s												
	0741 LECP OBS ↓ 0753 RAI 0808 | 0809 AACS MRO ↓ 0810 GYRO FAULT TEST												1358 | -- TAPPOS -- | 1615 1659 | 1700 PWS/RH 1711 | -- TAPPOS -- | 1915 ↓ 1659 GS-4B 1700												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	25 [DAR] | 0840 26 [DA] | 0840 10 ..... | ..... 40 ..... |												0410 | 15 [DA] | 0410 | 24 [DAR] | ..... 10 ..... | ..... 40 ..... | 2255 | 65 [DA] | 0105 2255 | 54 [DAR] | 0105 60 ..... |												
32 DSN COVERAGE	43 [D] | 0805 0750 | 45 [D] | 1230 | 34 [D] | 1855 40 ..... |												45 [D] 0630 | ..... 40 ..... |												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 10m 48s CCSL: B160 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 10m 56s												0000 RTLT 28h 11m 2s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1659 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												

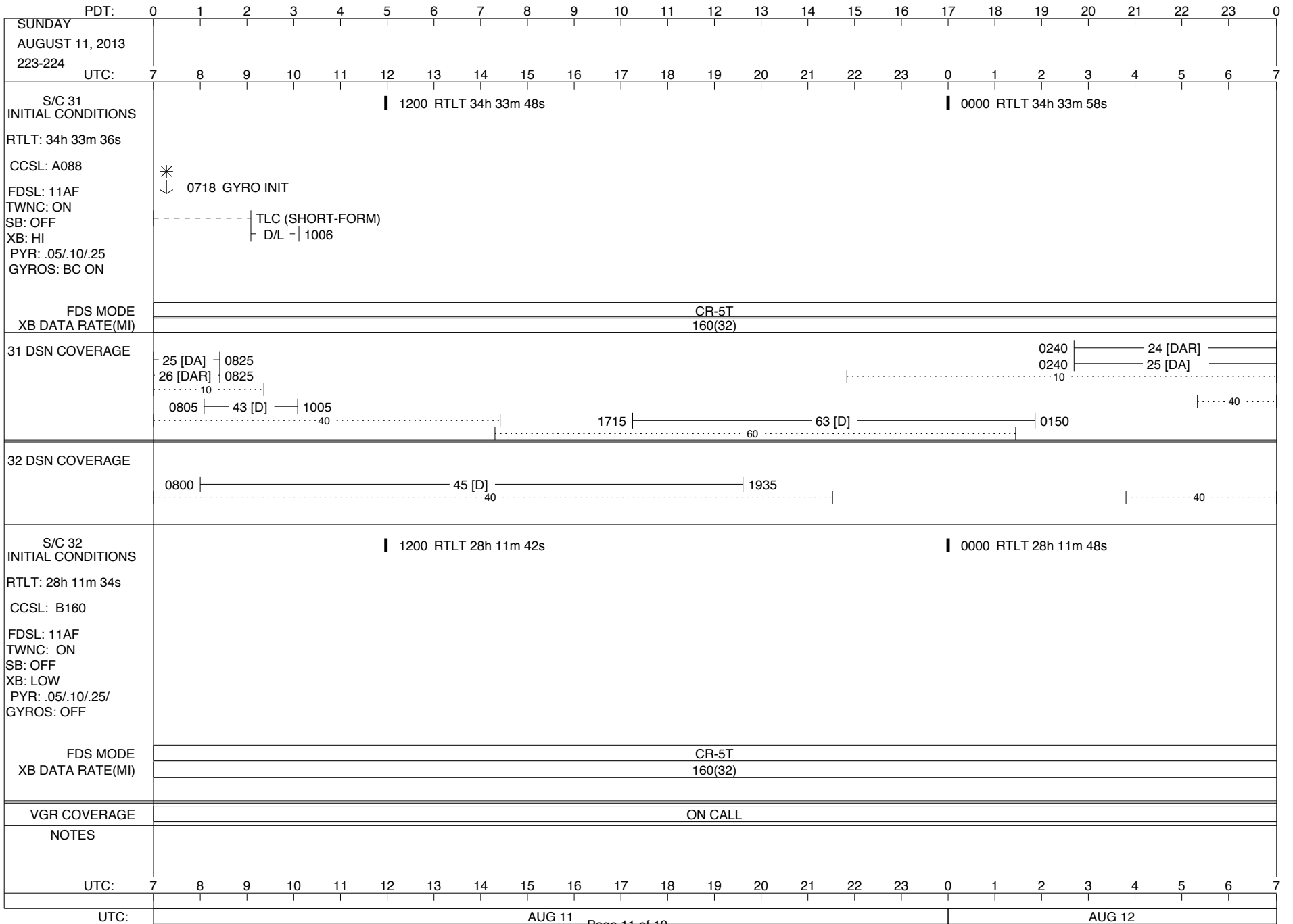
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SATURDAY AUGUST 10, 2013 222-223	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 34h 33m 14s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	| 1200 RTLT 34h 33m 24s												| 0000 RTLT 34h 33m 36s													
	1658 | - TAPPOS - | 1901												1959 | 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 RTLT: 28h 11m 18s CCSL: B160 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLT 28h 11m 26s												| 0000 RTLT 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																									
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											

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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
MONDAY AUGUST 12, 2013 224-225																									
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 58s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	| 1200 RTLT 34h 34m 10s												| 0000 RTLT 34h 34m 20s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0820 24 [DAR] 0820 25 [DA]										0230 24 [DA] 0230 25 [DAR]														
32 DSN COVERAGE	1025 34 [D]										1830 63 [D]										0145 43 [H1B] 0700				
S/C 32 INITIAL CONDITIONS RTLTL: 28h 11m 48s CCSL: B160 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLT 28h 11m 56s												| 0000 RTLT 28h 12m 4s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												VGR						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 12												AUG 13												

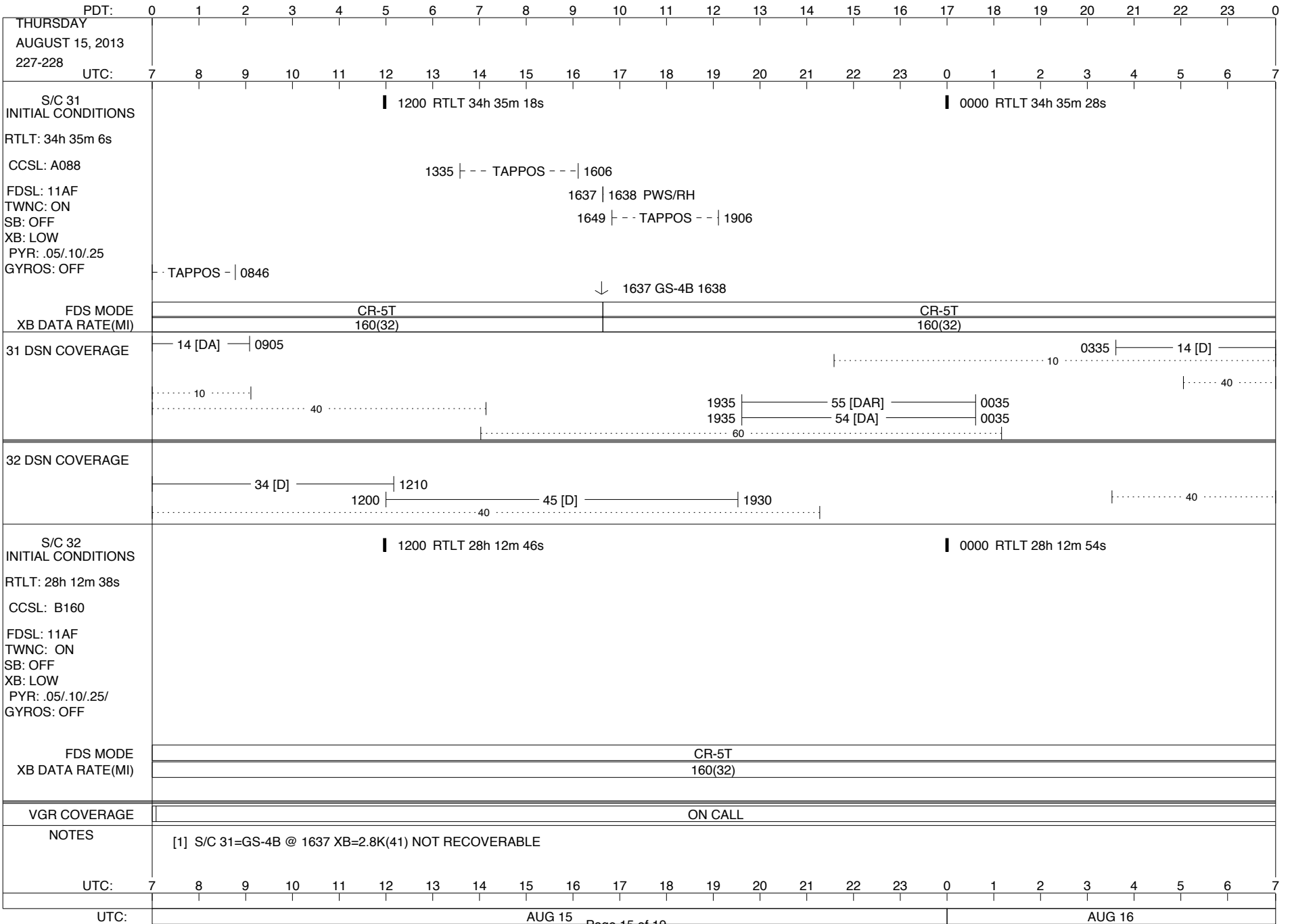
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TUESDAY AUGUST 13, 2013 225-226																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 34h 34m 20s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 34h 34m 32s 1023 | 1024 PWS/RH 1035 |----- DTR MAINT -----| 1559 1604 | 1606 TAPPOS 0717 LECP OBS ↓ 0730 RAI ↓ 0733 CLEAR CALIB ↓ 0736 GYROS OFF 0745 | 0746 AACS MRO ↓ 0747 GYRO FAULT TEST ↓ 1023 GS-4B 1024												0000 RTLT 34h 34m 44s 0238 |--- MAGCAL ---| 0541 0238 |--- PESCAL ---| 0559												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	0820 24 [DA] 0820 25 [DAR] 10 .....|												0150 |----- 15 [DA] ----- 0150 |----- 26 [DAR] ----- 10 .....|												
32 DSN COVERAGE	43 [H1B] -----| 0700 - 1140 40 .....|												1430 |----- 63 [D] -----| 1700 2005 |----- 65 [DA] -----| 0045 2005 |----- 55 [DAR] -----| 0045 60 .....|												
S/C 32 INITIAL CONDITIONS RTLT: 28h 12m 4s CCSL: B160 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 12m 12s ▼ 0757 DUMMY (5 MIN BRACKETED 12:10)												0000 RTLT 28h 12m 20s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] B161 BACKUP U/L TRACK [2] S/C 31=GS-4B @ 1023 XB=2.8K(41) NOT RECOVERABLE																								
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UTC:	AUG 13												AUG 14												

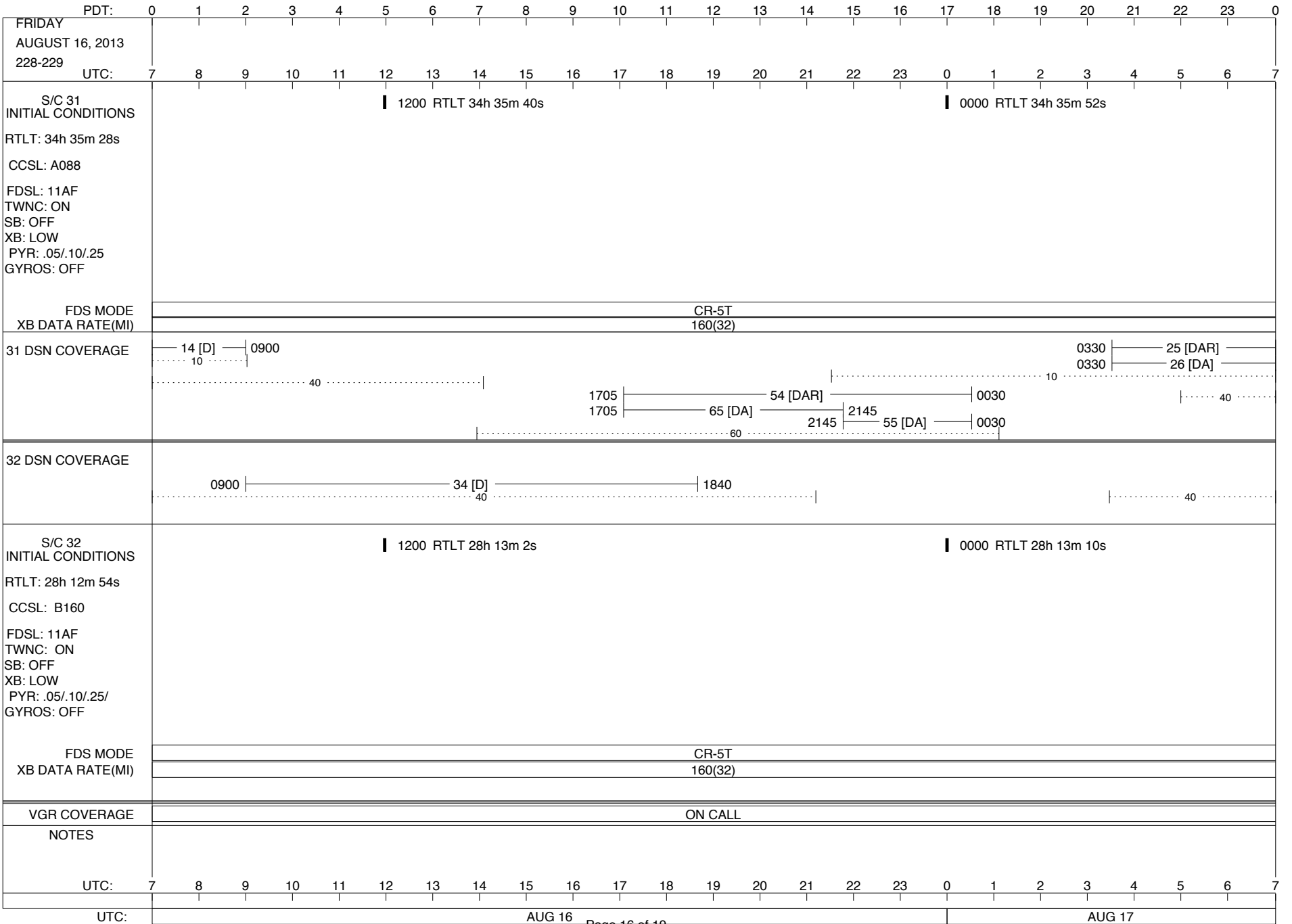
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WEDNESDAY AUGUST 14, 2013 226-227																												
S/C 31 INITIAL CONDITIONS RTLT: 34h 34m 44s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 34m 54s														0000 RTLT 34h 35m 6s YAW=.05 2346 ↓ 2357 - 0611 ----- AHELI2 PLAYBACK ----- AHELI2 #WKS=12 0615 ↓ ENA AHELI2 0616 ↓ AHELI2 SID MRO'S 0618 - 0621 YAW=.10 0621 ↓ X/B LOW POWER 0631 ↓ BAY 1 HTR ON 0635 ↓ TAPPOS 0658 0611 ↓													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)														PB-14 1.4K(39)													
31 DSN COVERAGE	0815 15 [DA] 0815 26 [DAR]														2310 14 [DA] 2310 15 [DA] 2310 26 [DAR]													
32 DSN COVERAGE	0850 45 [D] 1935														2330 10 1920 55 [DAR] 1920 54 [DA] 2330													
S/C 32 INITIAL CONDITIONS RTLT: 28h 12m 20s CCSL: B160 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 12m 28s														0000 RTLT 28h 12m 38s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																											
VGR COVERAGE	ON CALL														VGR													
NOTES	[1] S/C 31=PB-14 @ 2357 XB=1.4K(39) [2] S/C 31=CR-5T @ 0611 XB=160(32)																											
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UTC:	AUG 14														AUG 15													

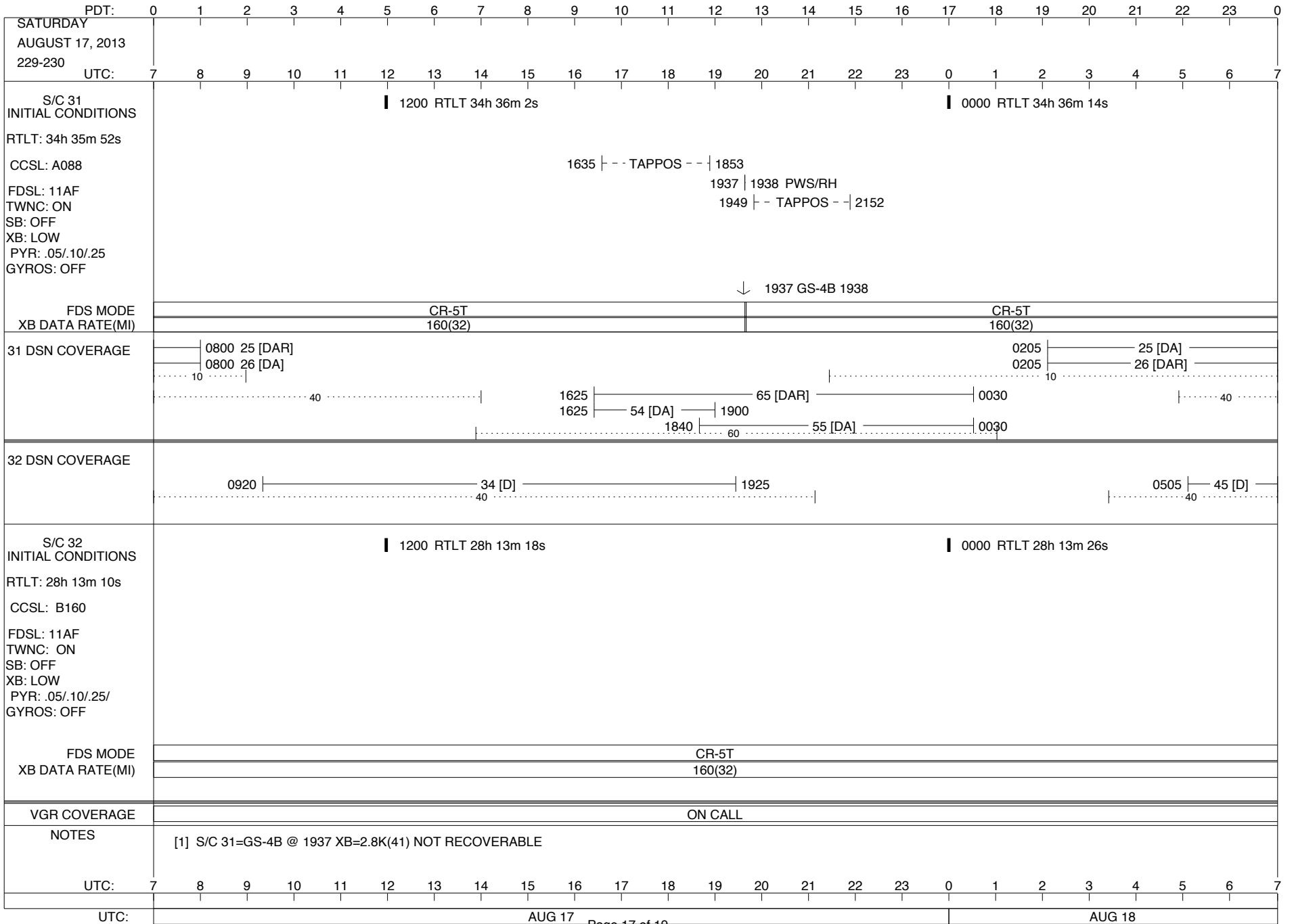
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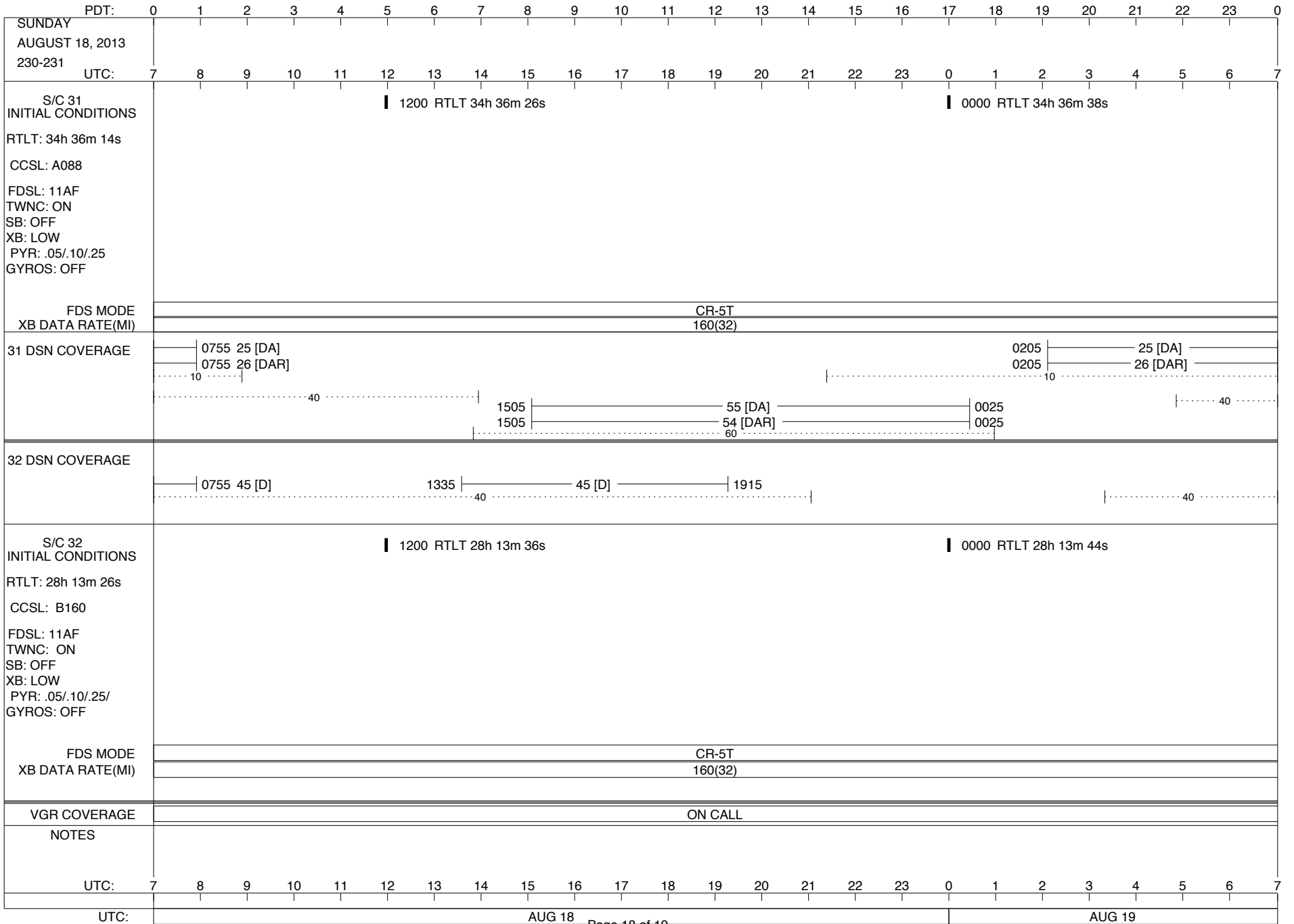
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MONDAY AUGUST 19, 2013 231-232																											
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S/C 31 INITIAL CONDITIONS RTLT: 34h 36m 38s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;"> 1200 RTLT 34h 36m 48s</p>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<p>0755 25 [DA] 0755 26 [DAR] .....10 .....|.....40 .....|</p>																										
32 DSN COVERAGE	<p>0825 |-----45 [D]-----| 1230.....40 .....| 1750 |-----43 [D]-----| 2100</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 28h 13m 44s CCSL: B160 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<p style="text-align: center;">| 1200 RTLT 28h 13m 52s</p> <p style="text-align: right;">↓ 2346 BEGIN SEQUENCE B161</p>																										
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:	AUG 19													AUG 20													