

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: August 7, 2013

For the Period: 08/08/13 to 08/26/13 (13-220 – 13-238)

**DSN OPSCHIEF (1) 230-102**

**SCIENCE**

**FLIGHT TEAM (14) 600-100**

**DSOT (1) 230-102**

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- Howard, S. (3)
- Ludwig, R. (2)
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- Peralta, F.
- Weeks, T.
- Wong, R.
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**LEGEND:**

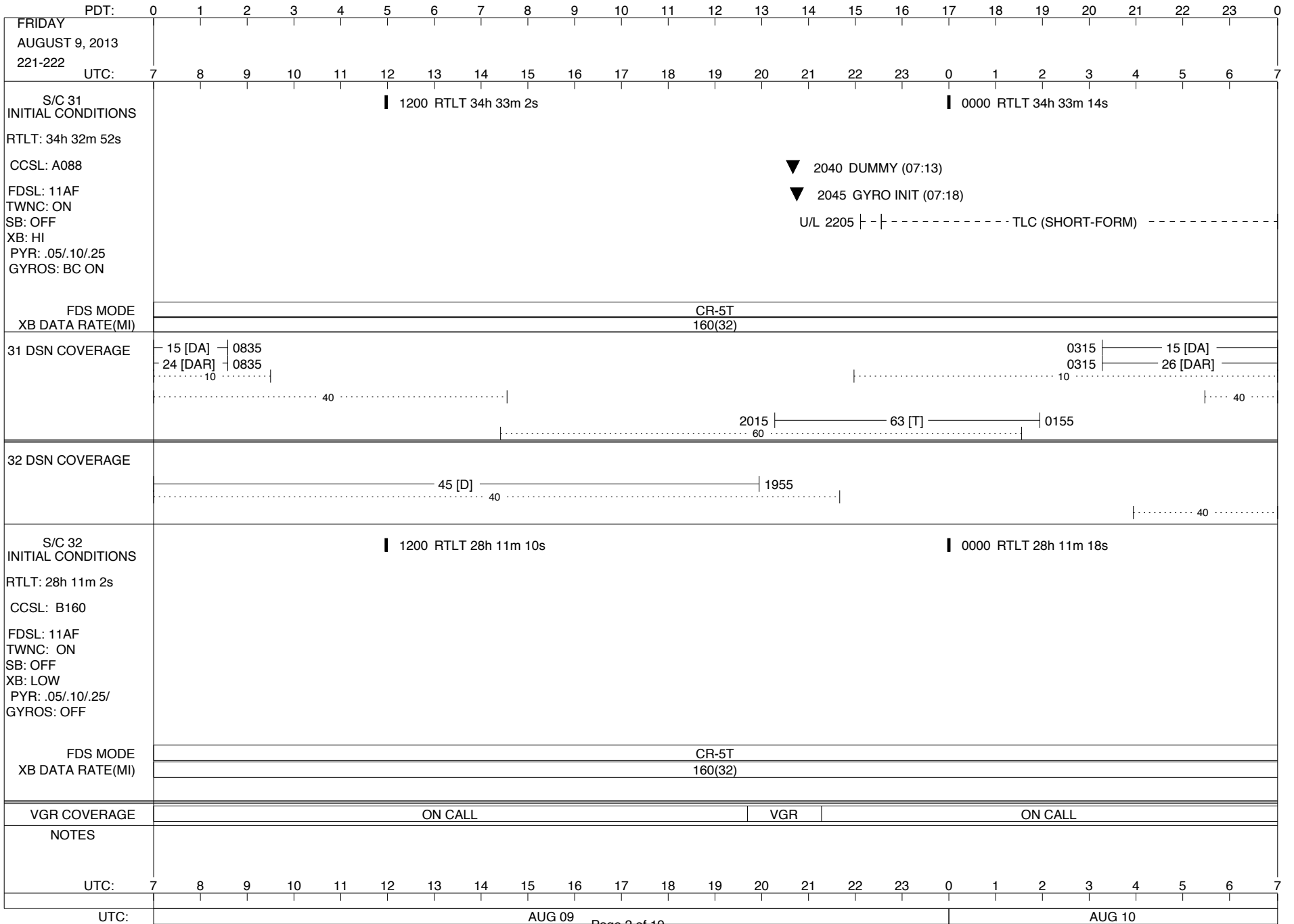
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- \* = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = 7-Point BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink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

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09/08/10

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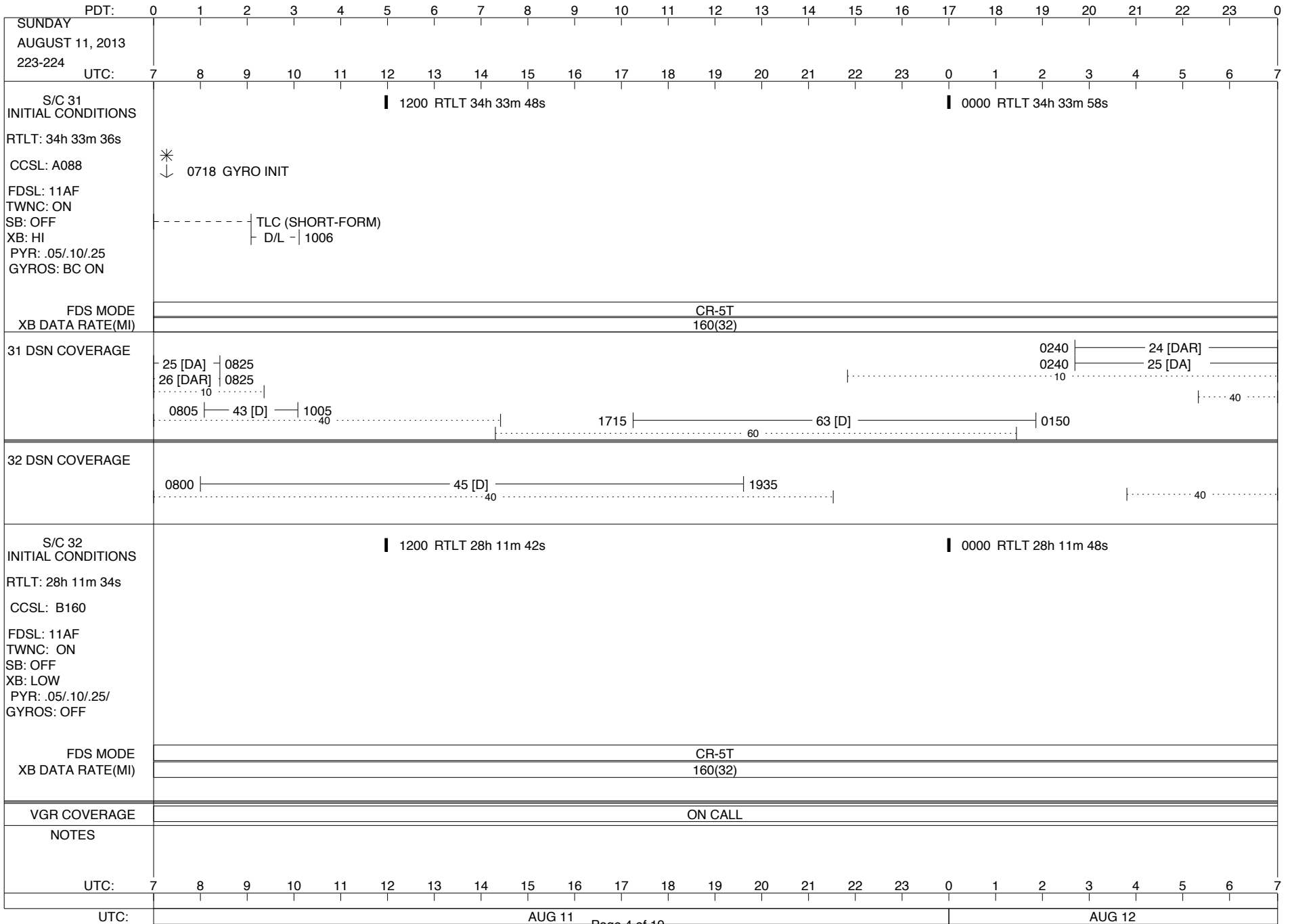
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S/C 31 INITIAL CONDITIONS RTLTL: 34h 32m 30s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 34h 32m 40s												0000 RTLT 34h 32m 52s												
	0700 - 0741 LECP OBS ↓ 0753 RAI 0808   0809 AACS MRO ↓ 0810 GYRO FAULT TEST												1358   - - TAPPOS - -   1615 1659   1700 PWS/RH 1711   - TAPPOS - -   1915												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	25 [DAR]   0840 26 [DA]   0840 10										0410   15 [DA] 0410   24 [DAR] 10														
	40										2255   65 [DA]   0105 2255   54 [DAR]   0105 40														
											60														
32 DSN COVERAGE	43 [D]   0805 0750   45 [D]   1210 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	ONCALL												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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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	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]													
	10												0530   26 [DAR]													
	40												10													
													1820   63 [D]   0155   40													
													60													
32 DSN COVERAGE	0815   45 [D]   1350																									
	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	
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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																									
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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 RTLTL 34h 34m 10s												0000 RTLTL 34h 34m 20s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	0820 24 [DAR] 0820 25 [DA]												0230 24 [DA] 0230 25 [DAR]												
32 DSN COVERAGE	1025   34 [D] Ant Declared Red Entire Support   1850 1200   45 [D]   1325      1600   45 [D]   1930												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 RTLTL 28h 11m 56s												0000 RTLTL 28h 12m 4s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	ON CALL												VGR						VGR						
NOTES																									
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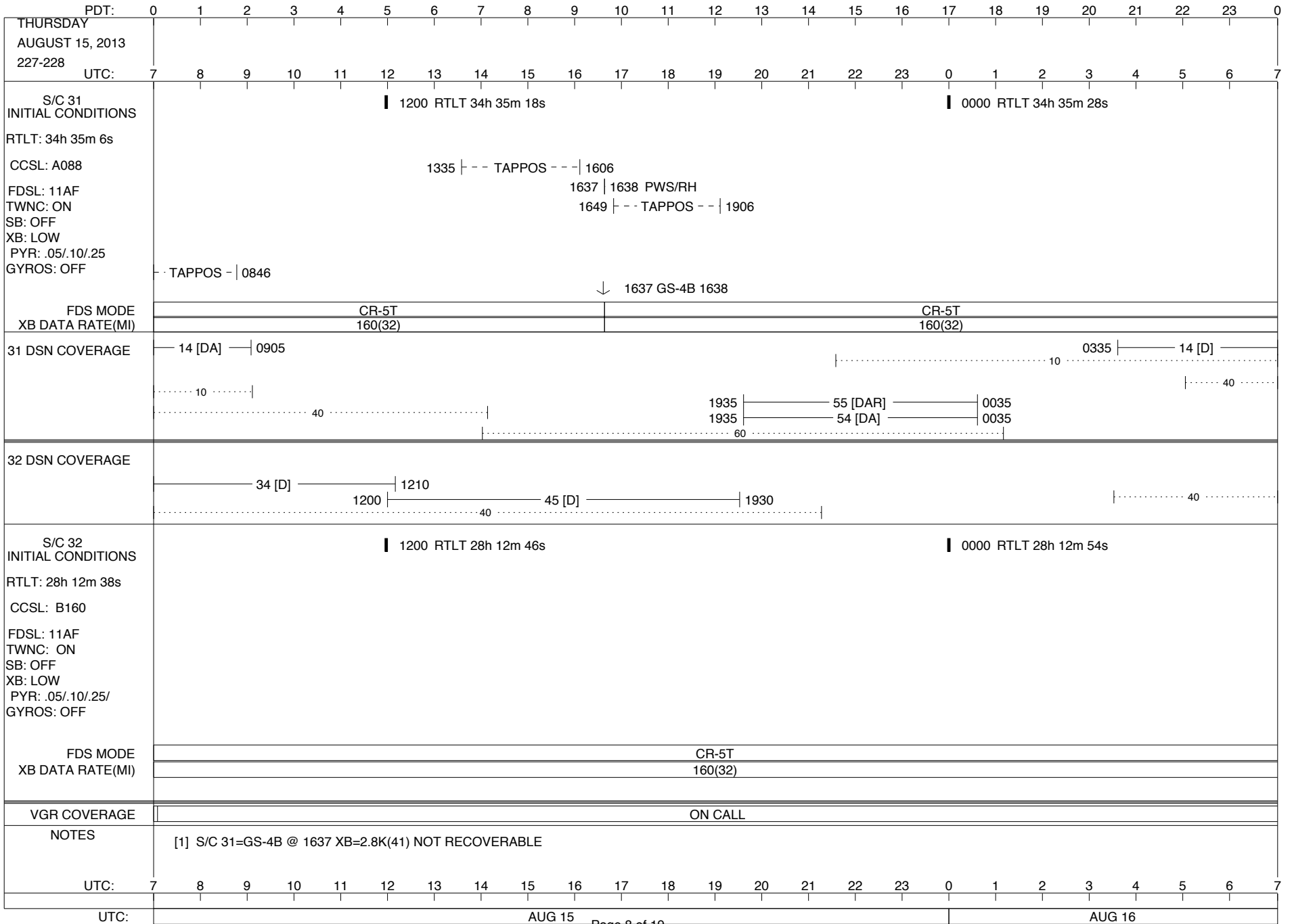
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<p>TUESDAY AUGUST 13, 2013 225-226</p>																											
<p>S/C 31 INITIAL CONDITIONS RTLT: 34h 34m 20s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON</p>																											
<p>1200 RTLT 34h 34m 32s 0000 RTLT 34h 34m 44s</p>																											
<p>1023   1024 PWS/RH 1035  ----- DTR MAINT -----  1559 0717 LECP OBS 0730 RAI 0733 CLEAR CALIB 0736 GYROS OFF 0745   0746 AACS MRO 0747 GYRO FAULT TEST 1604   1606 TAPPOS 1023 GS-4B 1024</p>																											
<p>FDS MODE XB DATA RATE(MI)</p>																											
<p>CR-5T 160(32)</p>																											
<p>CR-5T 160(32)</p>																											
<p>31 DSN COVERAGE</p>																											
<p>0820 24 [DA] 0820 25 [DAR] 0150 15 [DA] 0150 26 [DAR] 1430 63 [D] 1700 2005 65 [DA] 0045 2005 55 [DAR] 0045</p>																											
<p>32 DSN COVERAGE</p>																											
<p>43 [H1B] 0700 - 1140</p>																											
<p>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</p>																											
<p>1200 RTLT 28h 12m 12s 0000 RTLT 28h 12m 20s</p>																											
<p>0757 DUMMY (5 MIN BRACKETED 12:10)</p>																											
<p>FDS MODE XB DATA RATE(MI)</p>																											
<p>CR-5T 160(32)</p>																											
<p>VGR COVERAGE VGR ON CALL</p>																											
<p>NOTES [1] B161 BACKUP U/L TRACK [2] S/C 31=GS-4B @ 1023 XB=2.8K(41) NOT RECOVERABLE</p>																											
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		
AUG 13														AUG 14													

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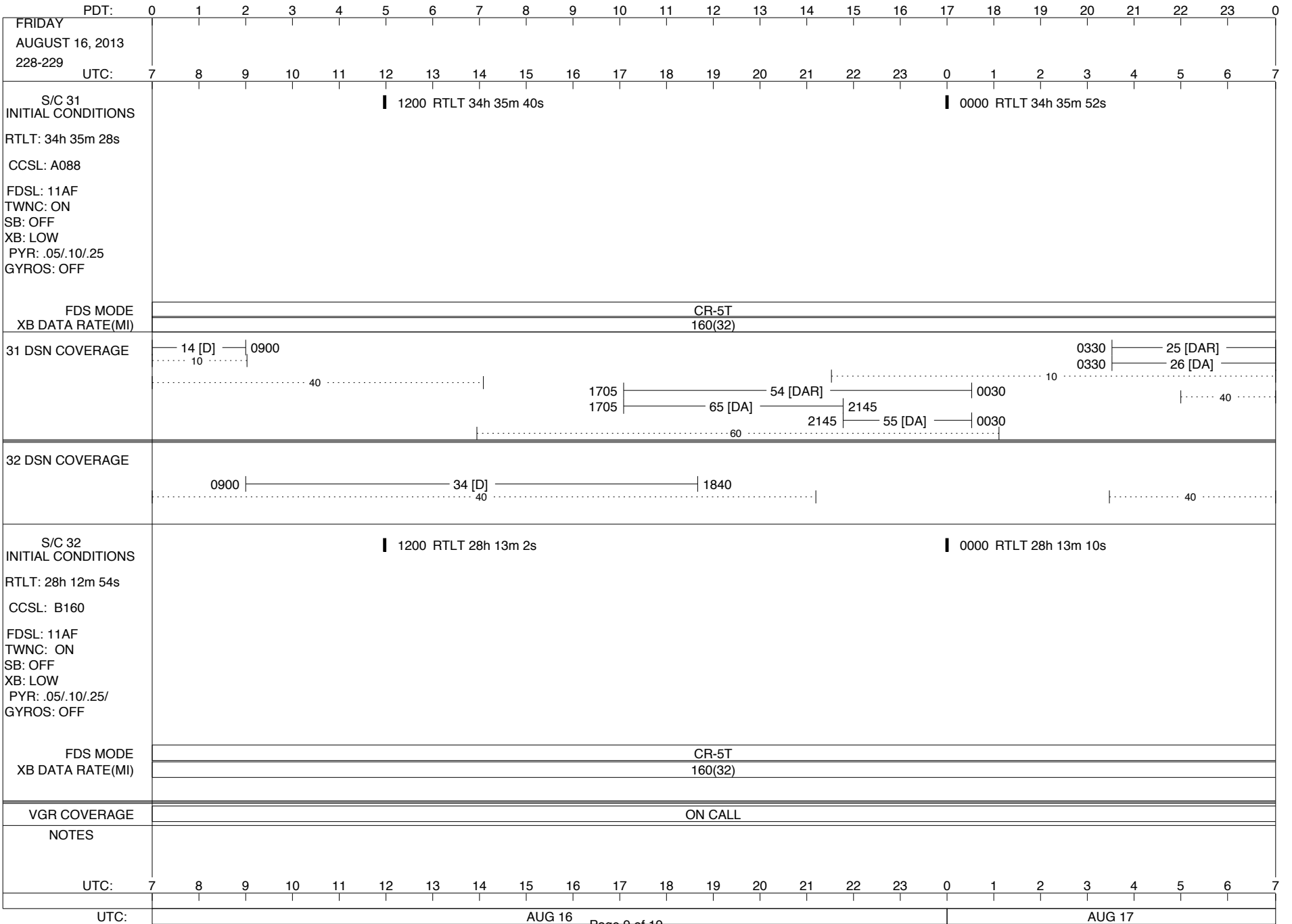
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WEDNESDAY AUGUST 14, 2013 226-227																													
S/C 31 INITIAL CONDITIONS RTLT: 34h 34m 44s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 34h 34m 54s														0000 RTLT 34h 35m 6s													
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]														1920 55 [DAR] 1920 54 [DA] 2330 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)																											
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 14														AUG 15													

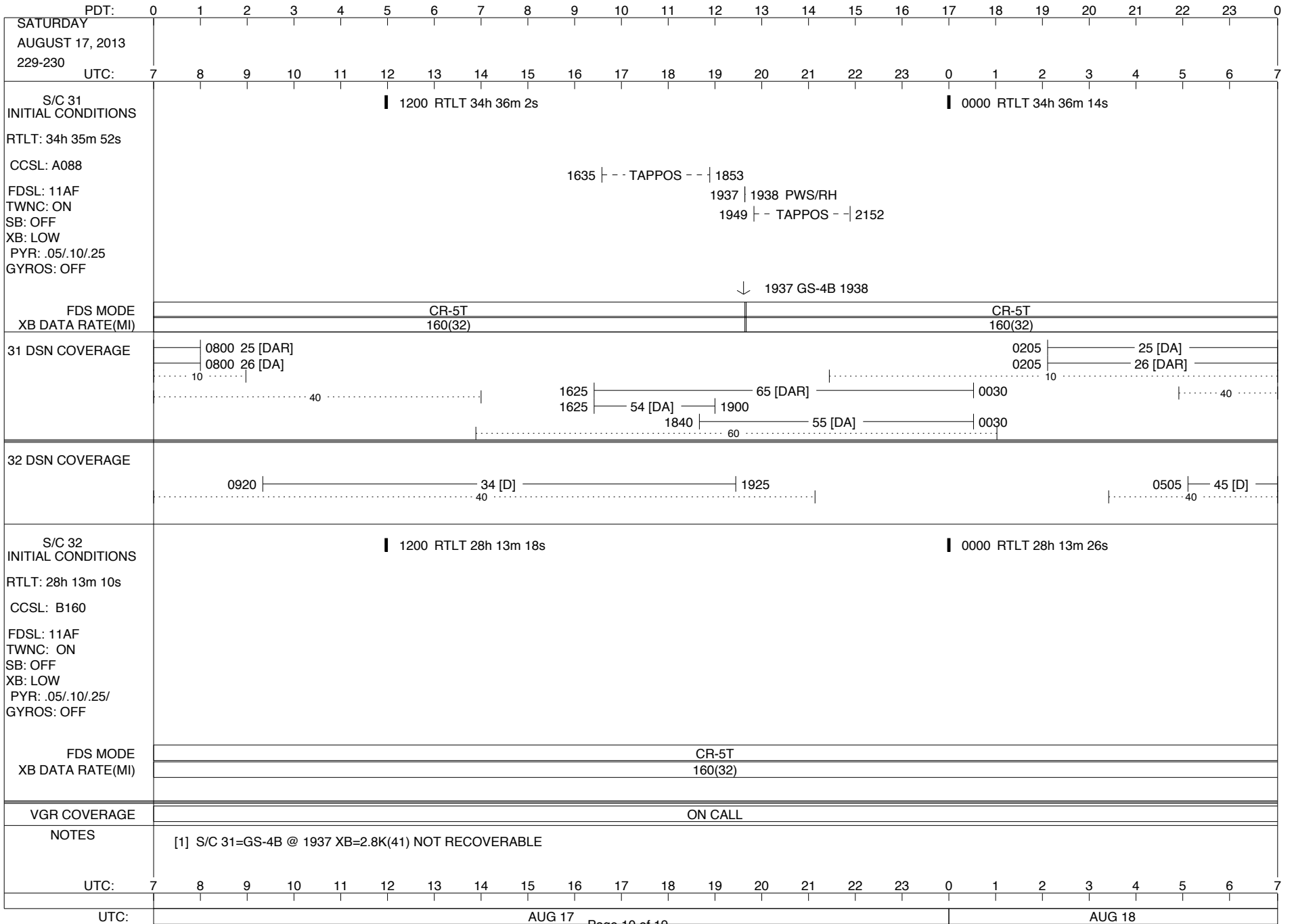


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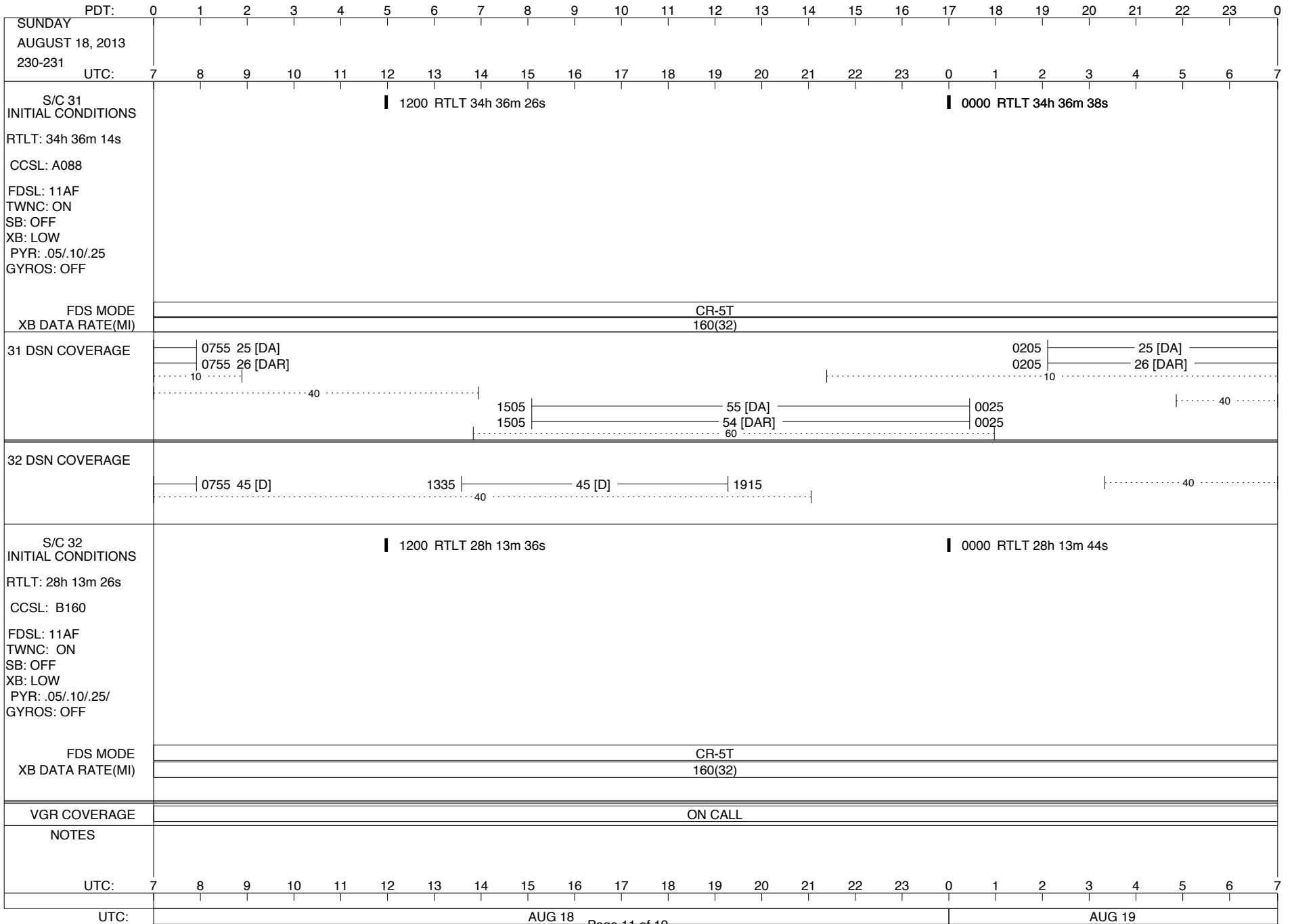


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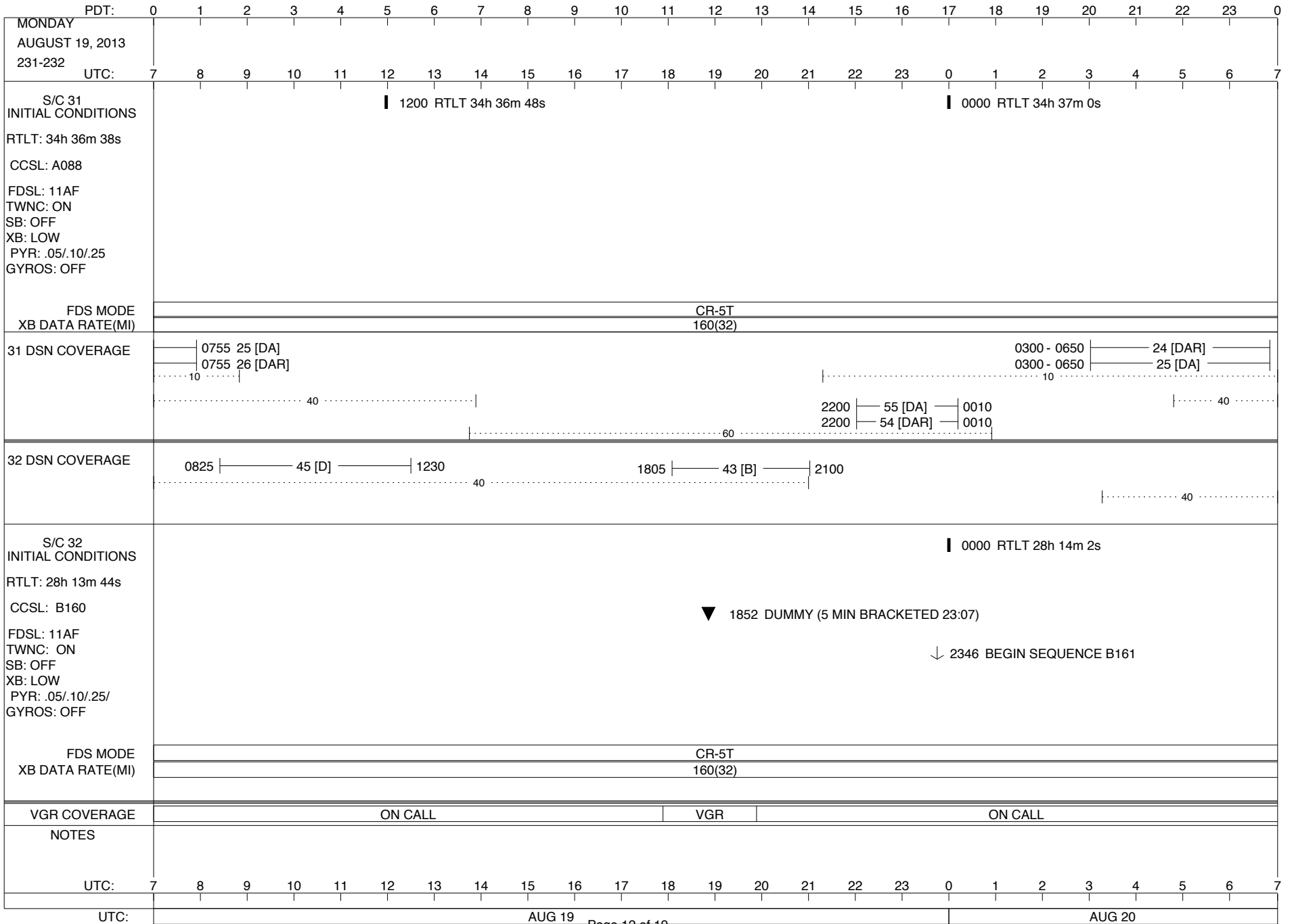




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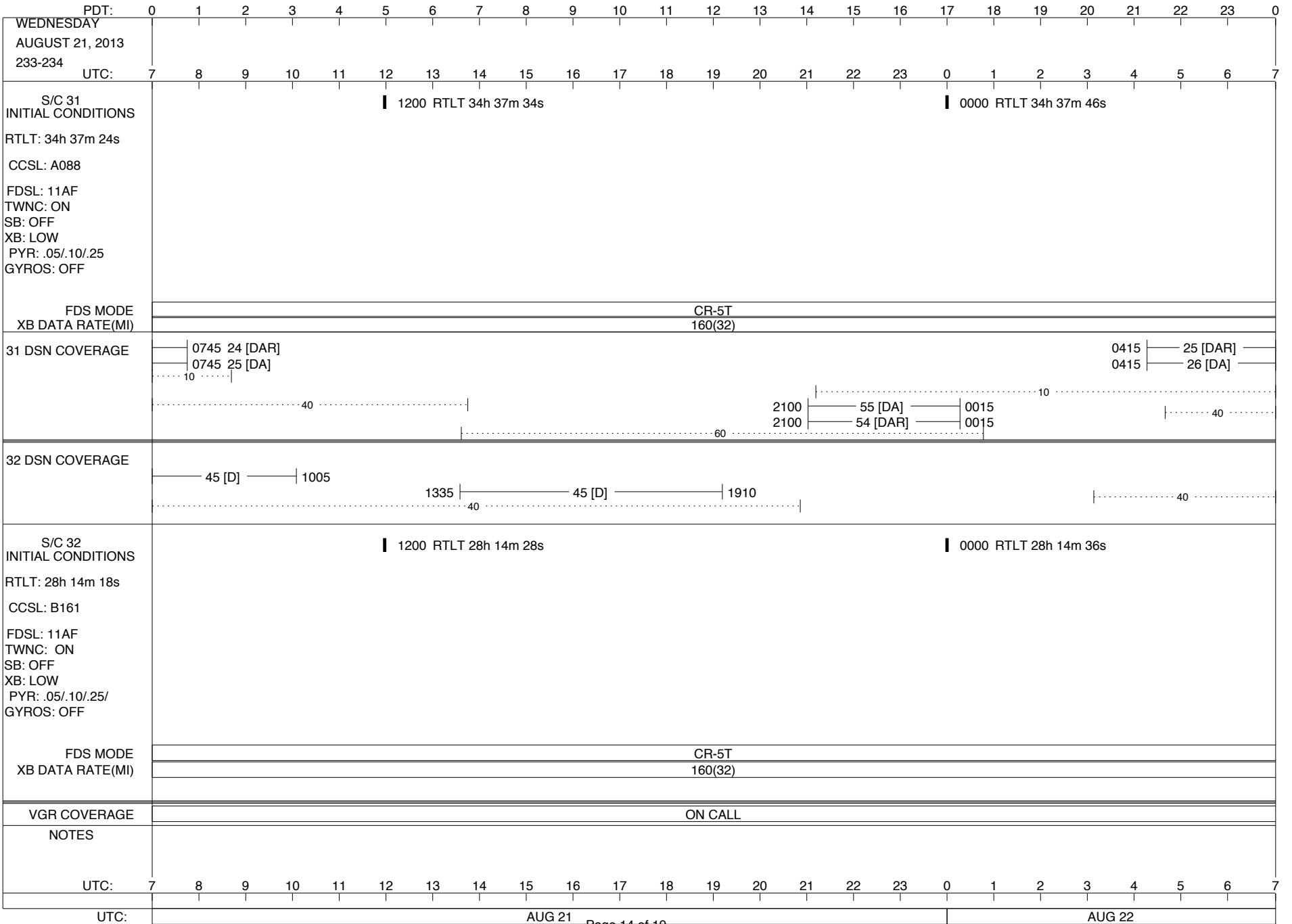


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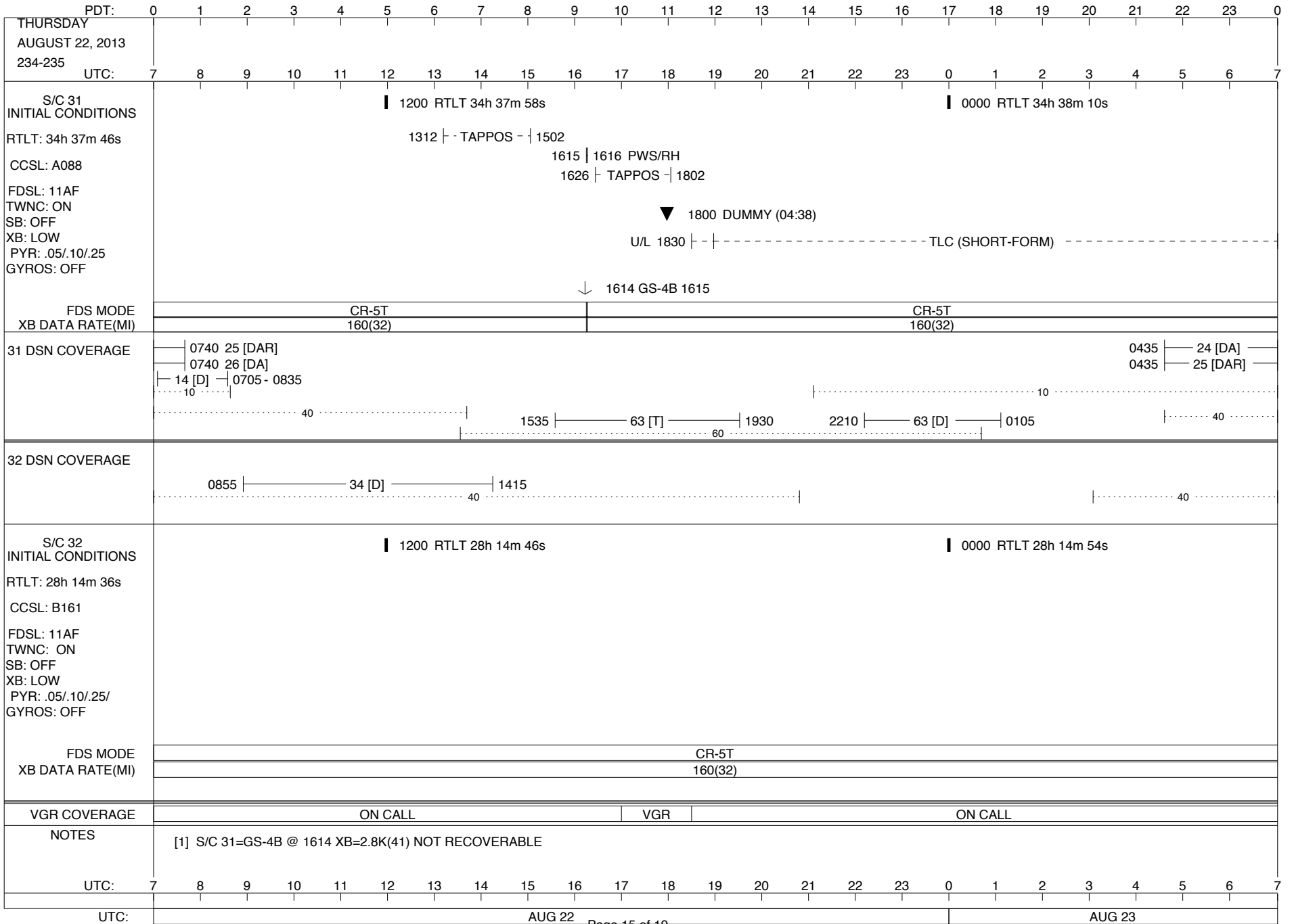


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TUESDAY																									
AUGUST 20, 2013																									
232-233																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 34h 37m 0s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 37m 12s												0000 RTLTL 34h 37m 24s												
1001   1002 PWS/RH																									
↓ 1000 GS-4B 1001																									
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>..... 10 ..... </p> <p>..... 40 .....</p> </div> <div style="width: 10%;"></div> <div style="width: 45%;"> <p>1930  ----- 54 [DAR] -----  0015</p> <p>1930  ----- 65 [DA] -----  2145</p> <p>..... 60 ..... ----- 2145 -----  55 [DA] -----  0015</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <p>..... 10 ..... </p> <p>..... 40 .....</p> </div> <div style="width: 10%;"></div> <div style="width: 45%;"> <p>0030  ----- 24 [DAR] ----- </p> <p>0030  ----- 25 [DA] ----- </p> </div> </div>																								
32 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1025  ----- 34 [D] -----  1915</p> <p>..... 40 .....</p> </div> <div style="width: 10%;"></div> <div style="width: 45%;"> <p>0300  ----- 43 [D] -----  0510</p> <p>0450  ----- 45 [D] ----- </p> <p>..... 40 .....</p> </div> </div>																								
S/C 32 INITIAL CONDITIONS RTLTL: 28h 14m 2s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 28h 14m 10s												0000 RTLTL 28h 14m 18s												
1122   PLSCAL -   1305																									
1122   --- MAGCAL ---   1425																									
1122   --- PESCAL ---   1442																									
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 1000 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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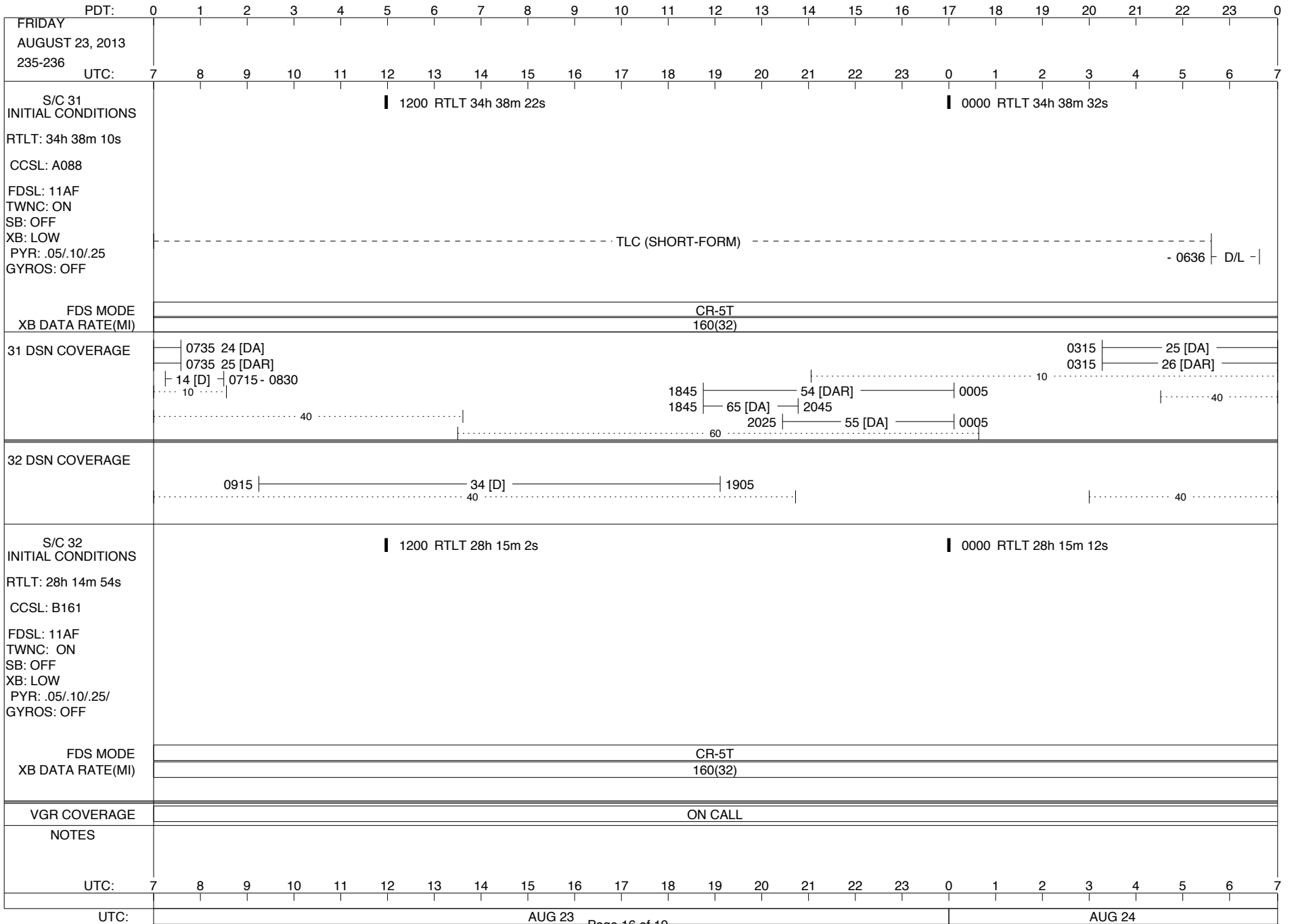


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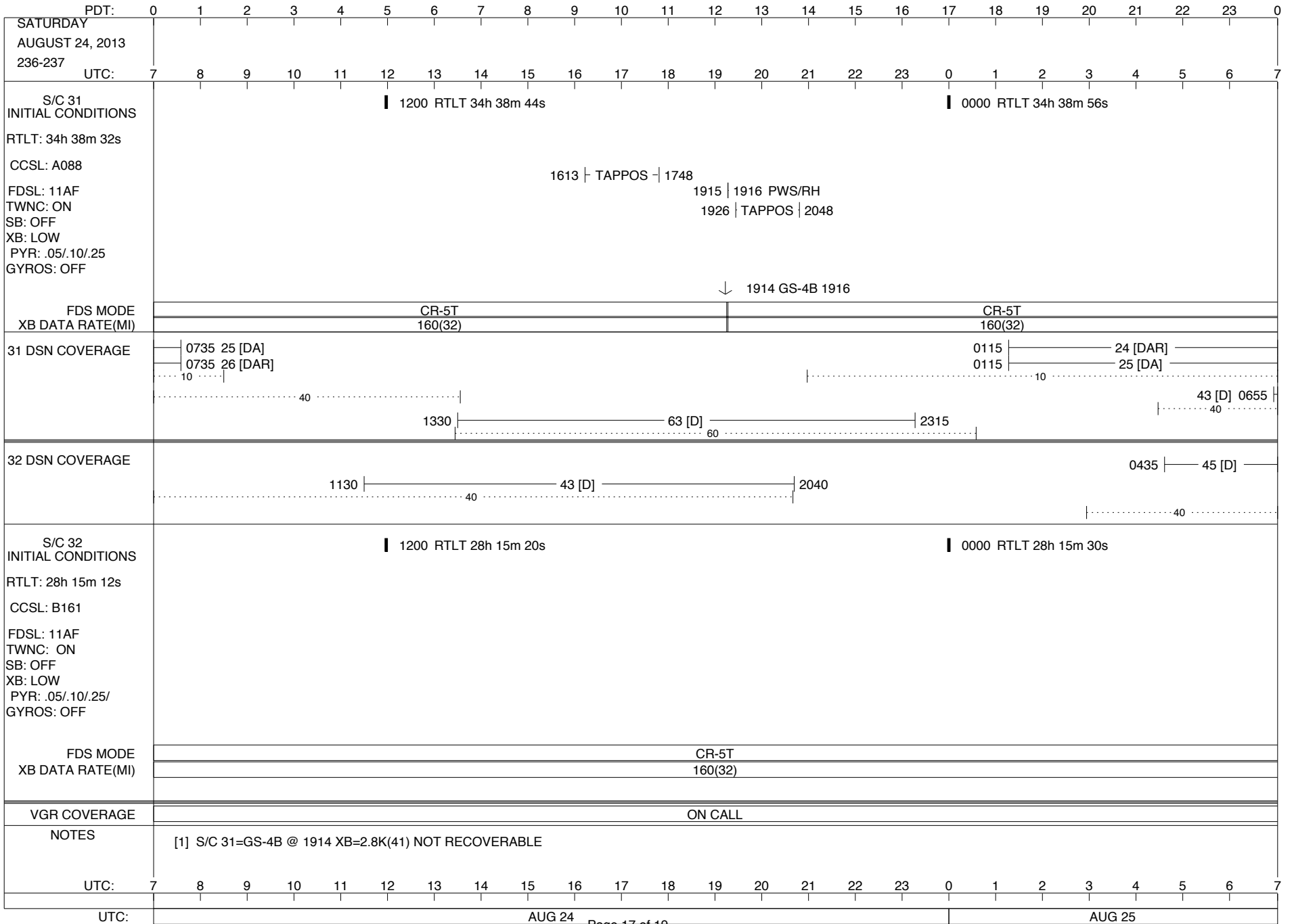




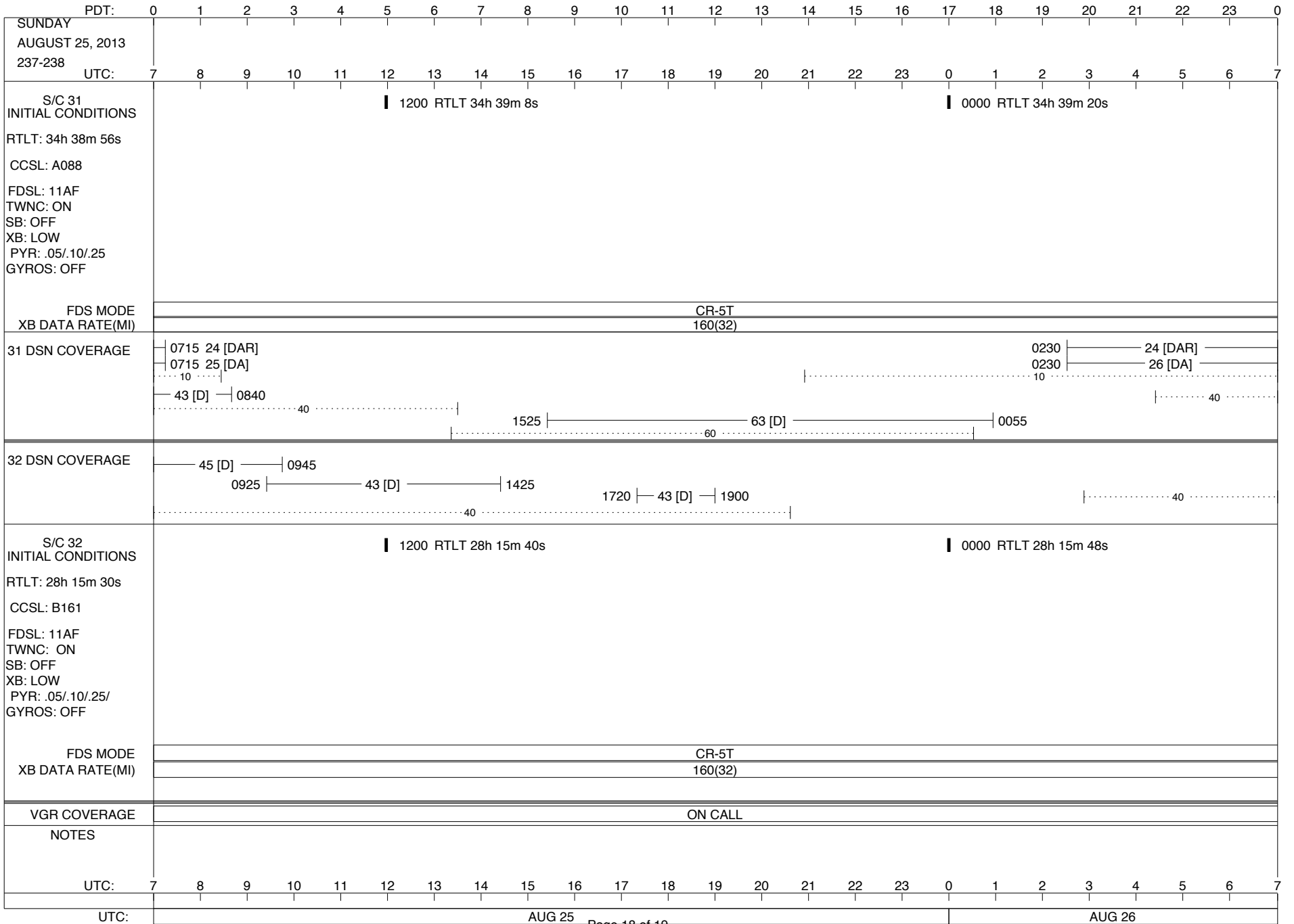
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0		
MONDAY AUGUST 26, 2013 238-239																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 34h 39m 20s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 39m 32s																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	0725 24 [DAR]   0725 26 [DA]   10 .....  ..... 40 .....																										
32 DSN COVERAGE	..... 1115   ..... 43 [D] .....   2030 ..... 40 .....																										
S/C 32 INITIAL CONDITIONS RTLT: 28h 15m 48s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 15m 58s																										
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 26													AUG 27													