

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: August 21, 2013

For the Period: 08/22/13 to 09/09/13 (13-234 – 13-252)

DSN OPSCHIEF (1) 230-102

SCIENCE

FLIGHT TEAM (14) 600-100

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 Medina, E.
 Peralta, F.
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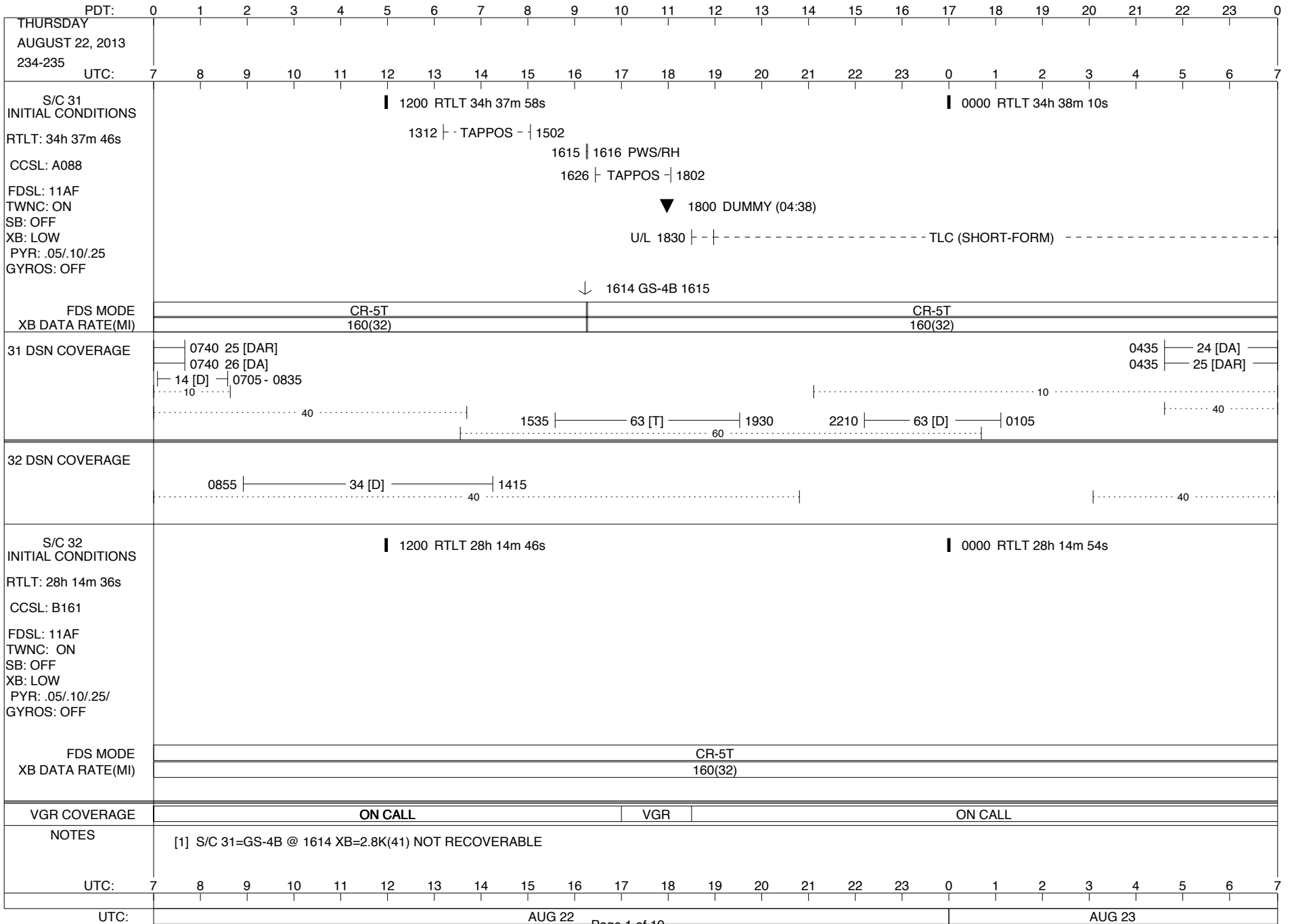
OTHER

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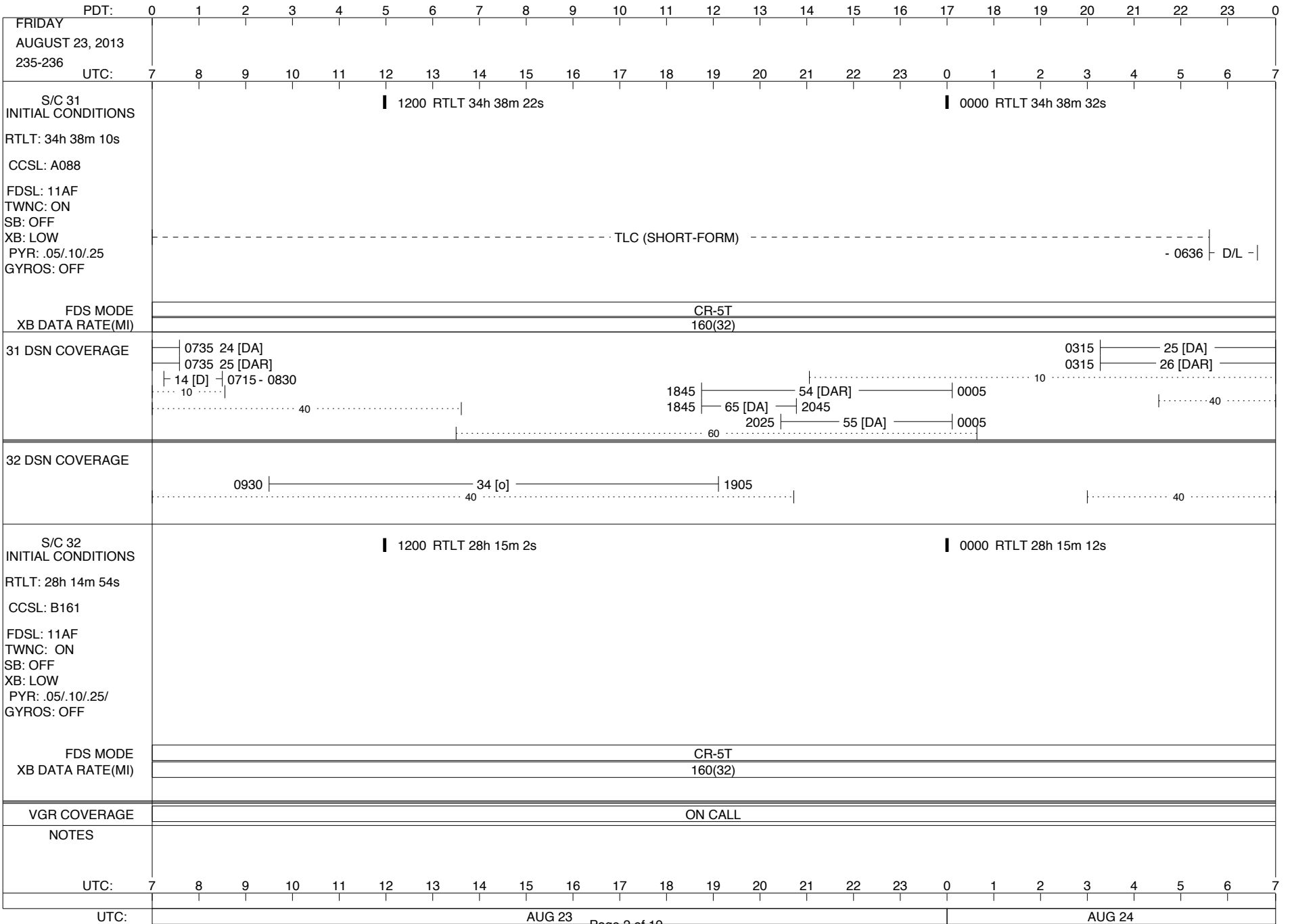
LEGEND: ∇ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = 7-Point BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink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

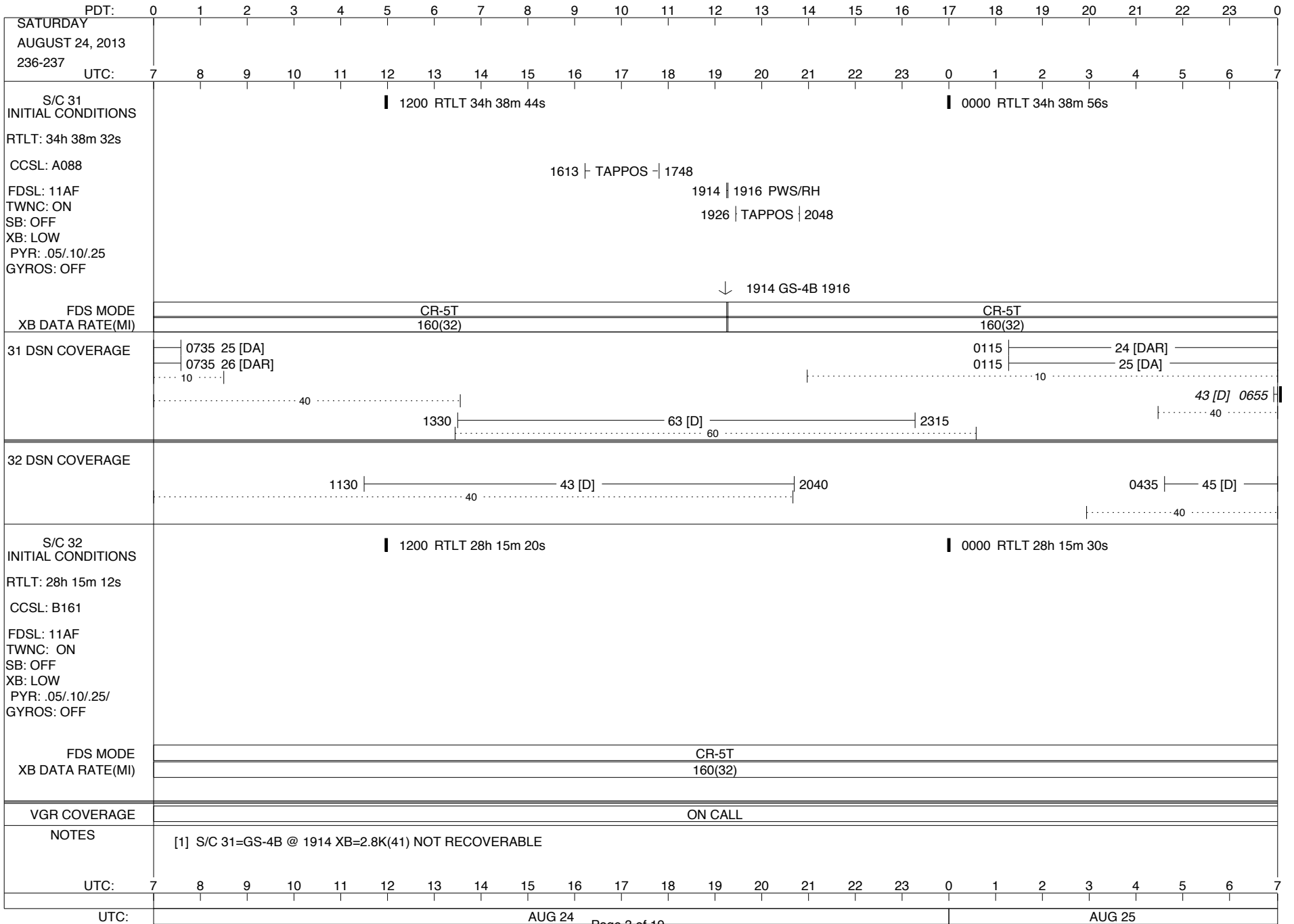
*Electronic Copy Only
 (16 – Dist/N: Paper Copies)
 09/08/10

ISSUE DATE: 08/26/13 15:51

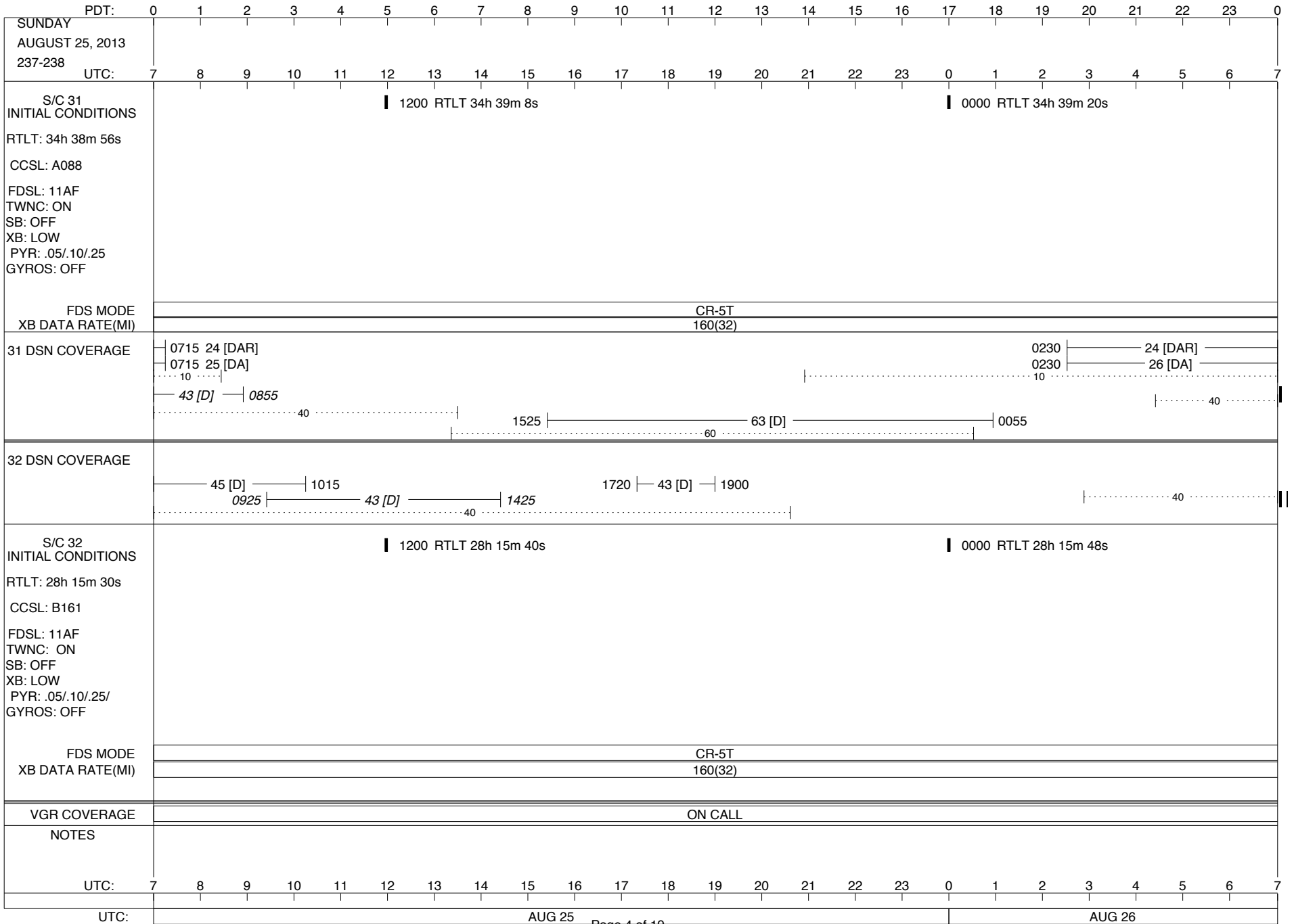


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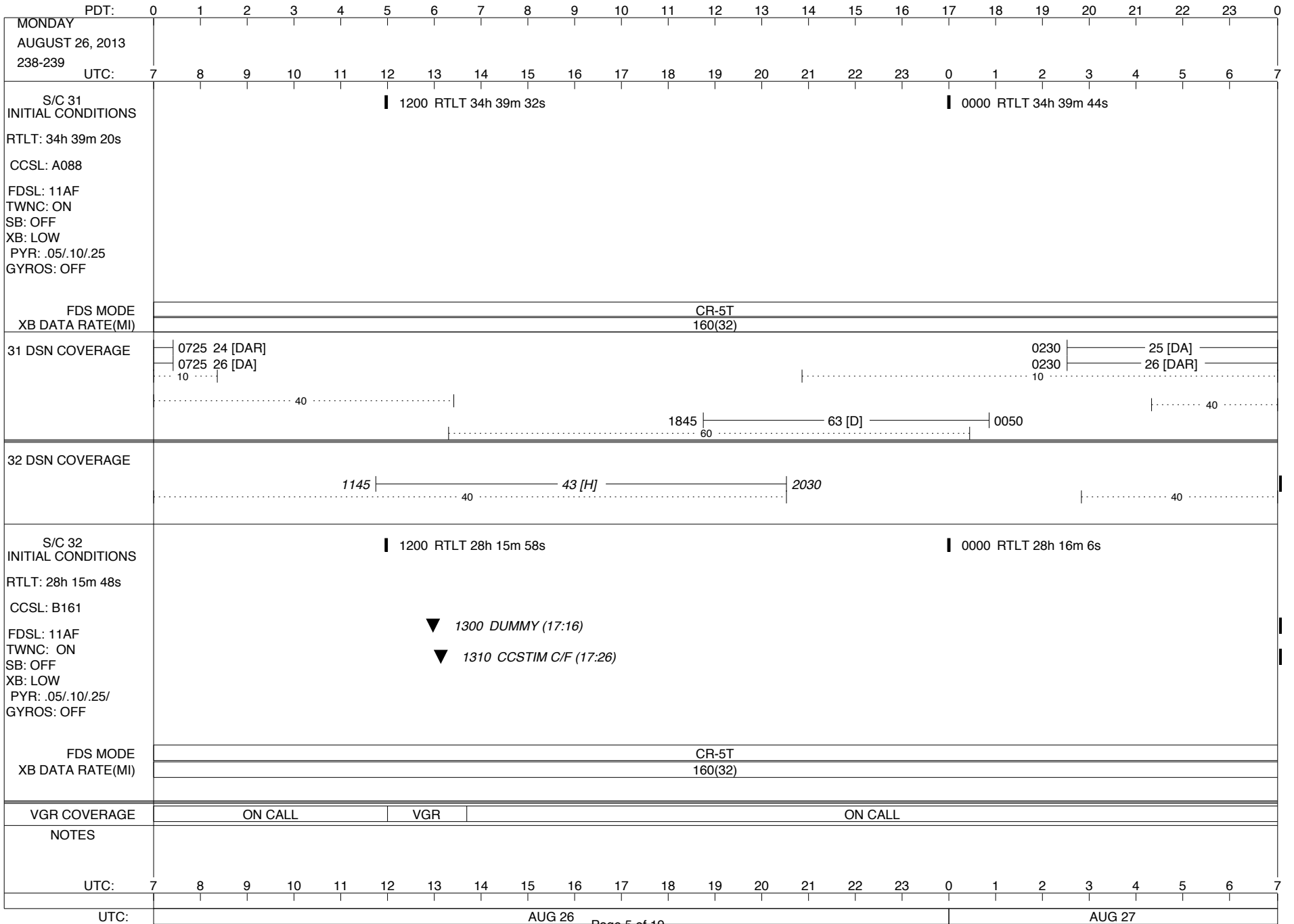




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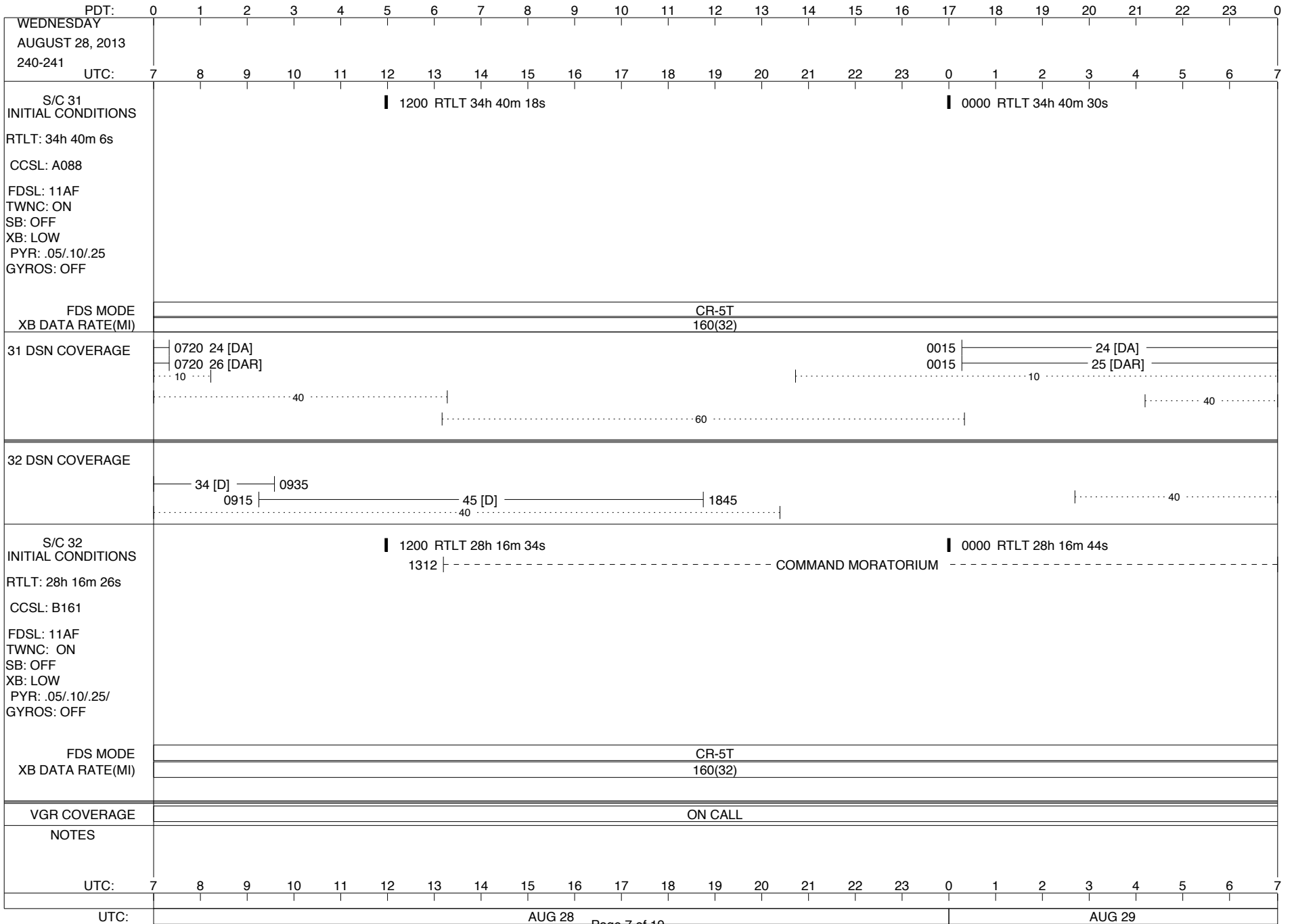


ISSUE DATE: 08/26/13 15:51



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S/C 31 INITIAL CONDITIONS RTLTL: 34h 39m 44s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 39m 54s												0000 RTLTL 34h 40m 6s													
	0938 0939 PWS/RH																									
	↓ 0938 GS-4B 0938																									
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	0720 25 [DA] 0720 26 [DAR] 10												0025 24 [DA] 0025 26 [DAR] 10													
	40												2050 63 [D] 0045 60													
32 DSN COVERAGE	1315 34 [D] 1845 40												34 [D] 0630 40													
S/C 32 INITIAL CONDITIONS RTLTL: 28h 16m 6s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 28h 16m 16s												0000 RTLTL 28h 16m 26s													
	1627 1634 CCSTIM (FINE)																									
	1657 1701 CCSTIM (COARSE)																									
	* 1727 1734 CCSTIM (FINE)																									
	* 1825 1829 CCSTIM (COARSE)																									
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE													ON CALL													
NOTES	[1] S/C 31=GS-4B @ 0938 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 27														AUG 28											

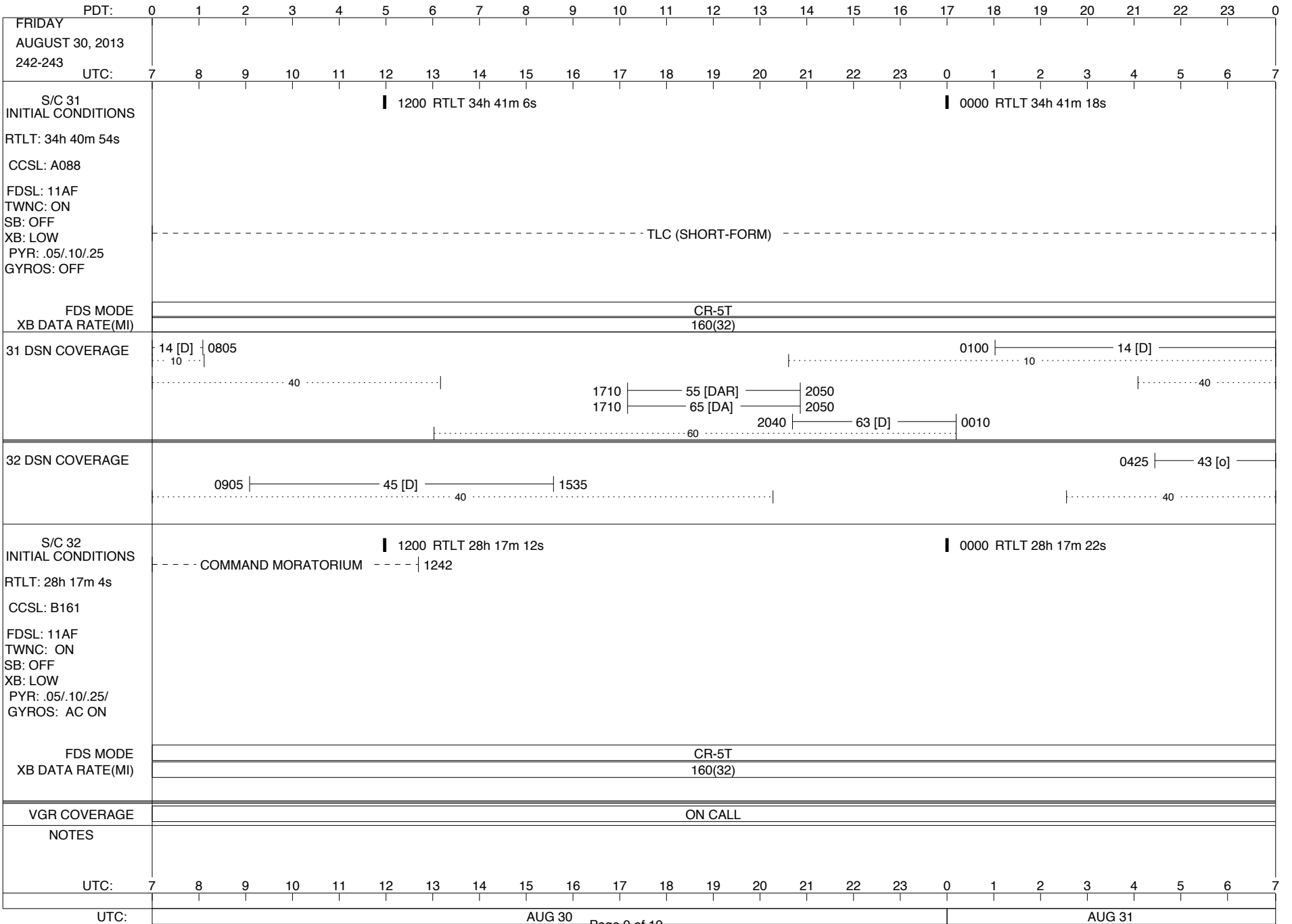
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THURSDAY AUGUST 29, 2013 241-242																									
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S/C 31 INITIAL CONDITIONS RTLTL: 34h 40m 30s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 40m 42s												0000 RTLT 34h 40m 54s												
	1250 ----- 1358 TAPPOS												1551 1552 PWS/RH												
	1603 ----- 1657 TAPPOS												U/L 2000 ----- TLC (SHORT-FORM) -----												
	↓ 1551 GS-4B 1552																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0715 24 [DA] 0715 25 [DAR]10.....												0330 ----- 14 [D] -----40.....												
40.....												1935 ----- 63 [T] -----60.....												
													0040												
32 DSN COVERAGE	1105 ----- 43 [D] -----40.....												181540.....												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 16m 44s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 16m 54s												0000 RTLT 28h 17m 4s												
	----- COMMAND MORATORIUM -----																								
	↓ 1658 GYROS AC ON																								
	↓ 1659 GYRO INIT																								
	↓ 1709 GYRO FAULT TEST																								
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL												VGR ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1551 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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ISSUE DATE: 08/26/13 15:51



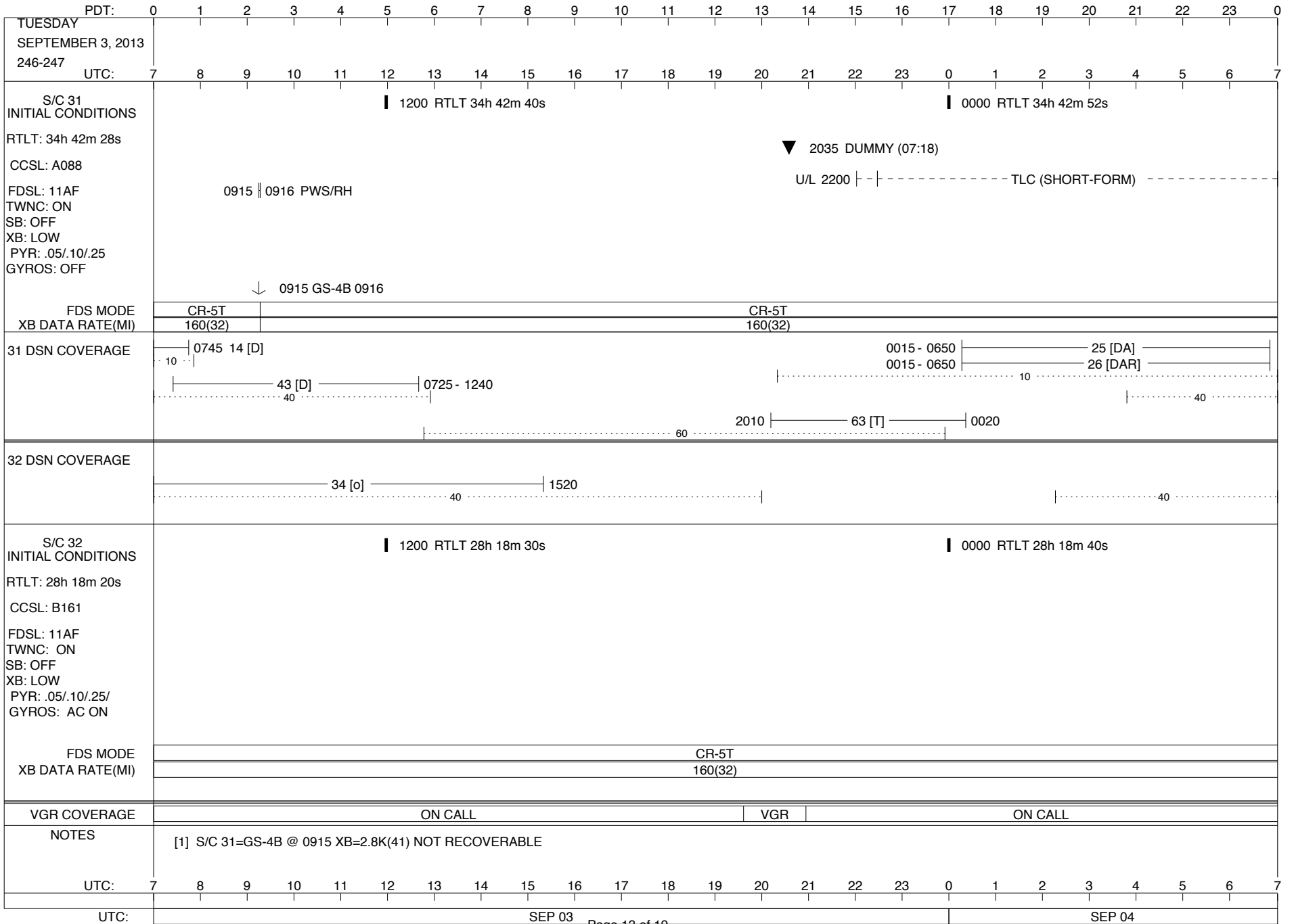
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SATURDAY AUGUST 31, 2013 243-244	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 34h 41m 18s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 41m 30s												0000 RTLT 34h 41m 40s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	14 [D] 0800 40												0240 24 [DA] 0505 0240 26 [DAR] 0505 10 0445 14 [D] 60 1925 63 [D] 0030 40												
32 DSN COVERAGE	43 [o] 0820 0825 45 [D] 1810 40												45 [D] 0605 40												
S/C 32 INITIAL CONDITIONS RTLT: 28h 17m 22s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: AC ON	1200 RTLT 28h 17m 32s												0000 RTLT 28h 17m 42s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 1851 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 31												SEP 01												

ISSUE DATE: 08/26/13 15:51

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	
SUNDAY SEPTEMBER 1, 2013 244-245																										
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 41m 40s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 41m 52s												0000 RTLTL 34h 42m 4s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	0755 14 [D] 40 60 2125 63 [D] 0025 40												0115 15 [DA] 0405 0115 25 [DAR] 0405 10 0345 14 [D]													
32 DSN COVERAGE 45 [D] 1815 40 0600 45 [D] 40													
S/C 32 INITIAL CONDITIONS RTLTL: 28h 17m 42s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: AC ON	1200 RTLTL 28h 17m 52s												0000 RTLTL 28h 18m 2s													
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:	SEP 01													SEP 02												

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 SEPTEMBER 2, 2013 245-246																									
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S/C 31 INITIAL CONDITIONS RTLTL: 34h 42m 4s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 42m 16s												0000 RTLTL 34h 42m 28s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLTL: 28h 18m 2s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: AC ON	1200 RTLTL 28h 18m 12s												0000 RTLTL 28h 18m 20s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL																								
NOTES	JPL HOLIDAY!																								
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:	SEP 02												SEP 03												



ISSUE DATE: 08/26/13 15:51

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
SEPTEMBER 4, 2013
247-248

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 42m 52s
CCSL: A088
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLTL 34h 43m 4s

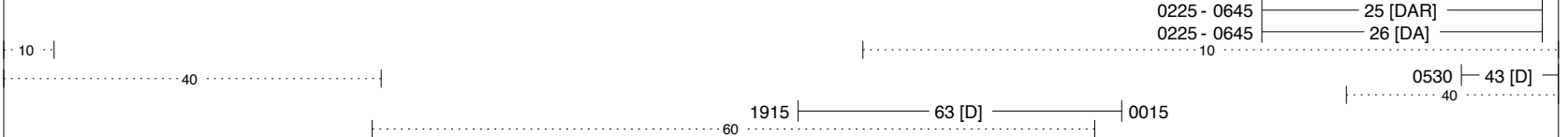
0000 RTLTL 34h 43m 16s

TLC (SHORT-FORM)

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLTL: 28h 18m 40s
CCSL: B161
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25/
GYROS: AC ON

1200 RTLTL 28h 18m 50s

0000 RTLTL 28h 19m 0s

↓ 1700 GYRO INIT

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE

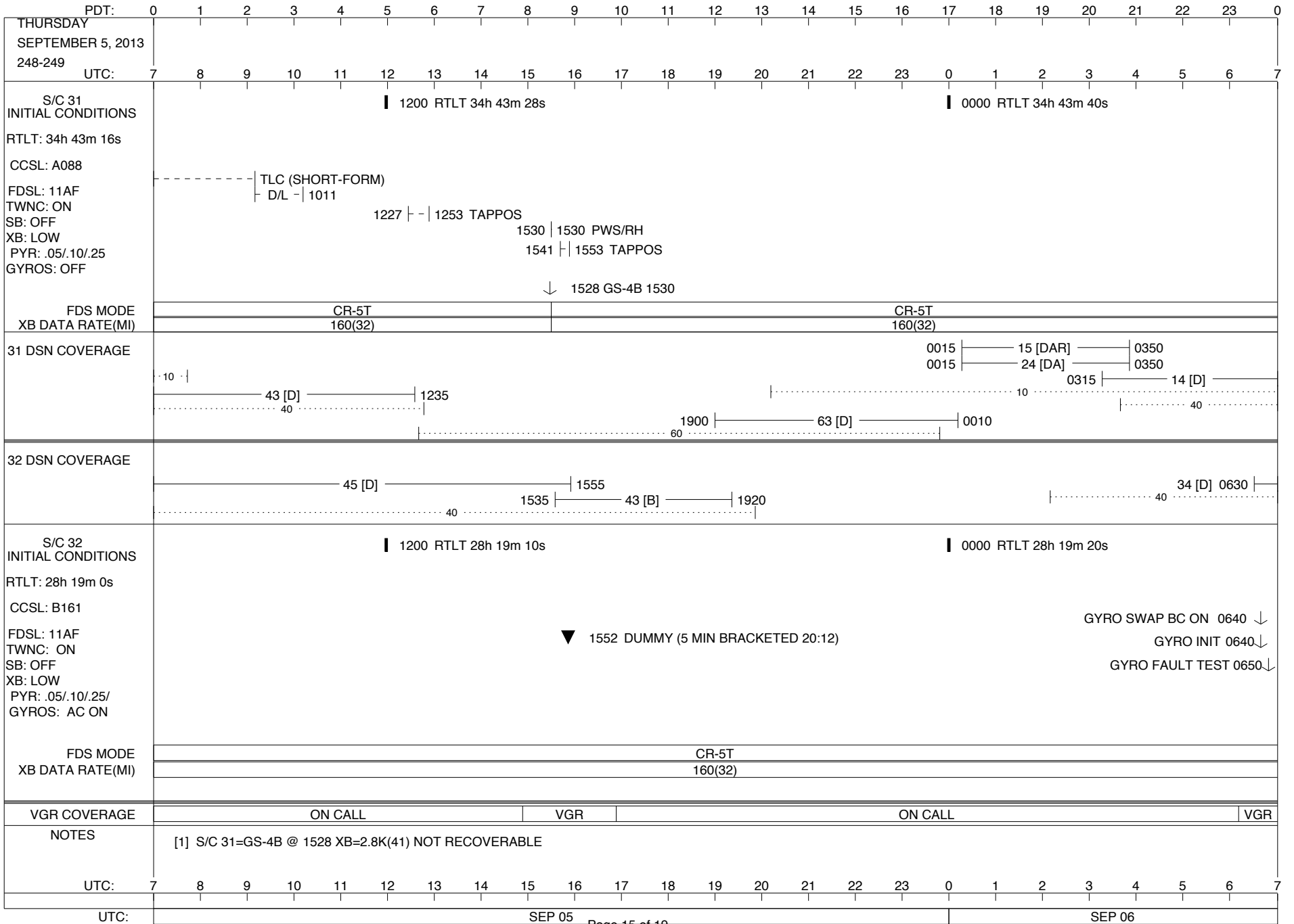
ON CALL

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: SEP 04 Page 14 of 19 SEP 05

ISSUE DATE: 08/26/13 15:51

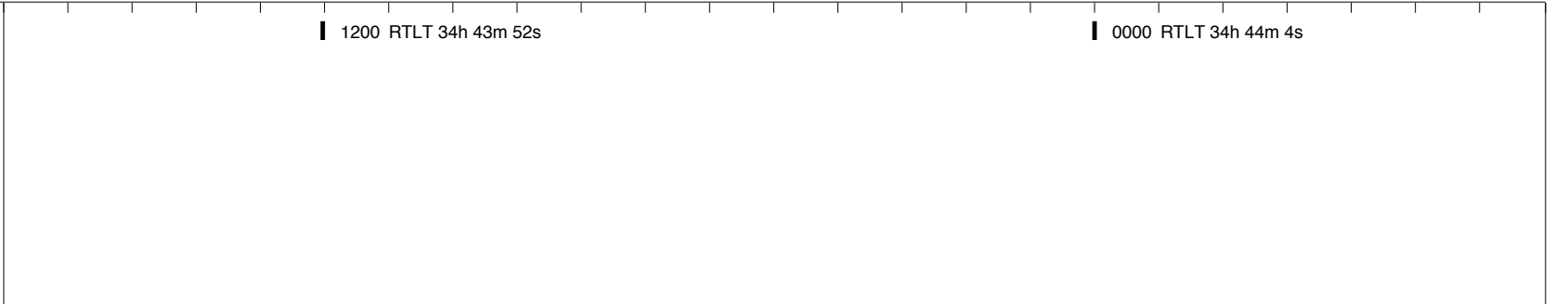


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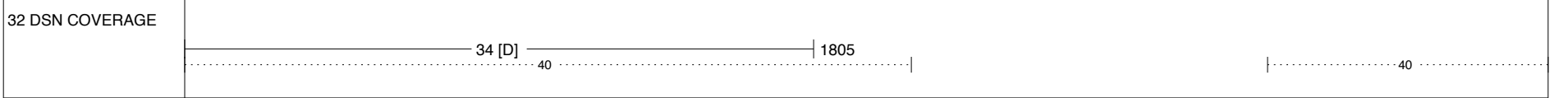
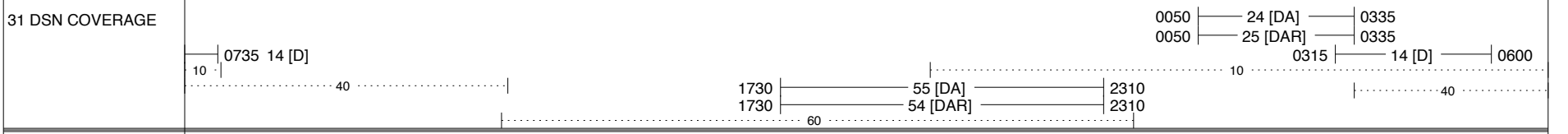
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UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7

FRIDAY
 SEPTEMBER 6, 2013
 249-250

S/C 31
 INITIAL CONDITIONS
 RTLT: 34h 43m 40s
 CCSL: A088
 FDSL: 11AF
 TWNC: ON
 SB: OFF
 XB: LOW
 PYR: .05/.10/.25
 GYROS: OFF



FDS MODE CR-5T
 XB DATA RATE(MI) 160(32)



S/C 32
 INITIAL CONDITIONS
 RTLT: 28h 19m 20s
 CCSL: B161
 FDSL: 11AF
 TWNC: ON
 SB: OFF
 XB: LOW
 PYR: .05/.10/.25/
 GYROS: BC ON



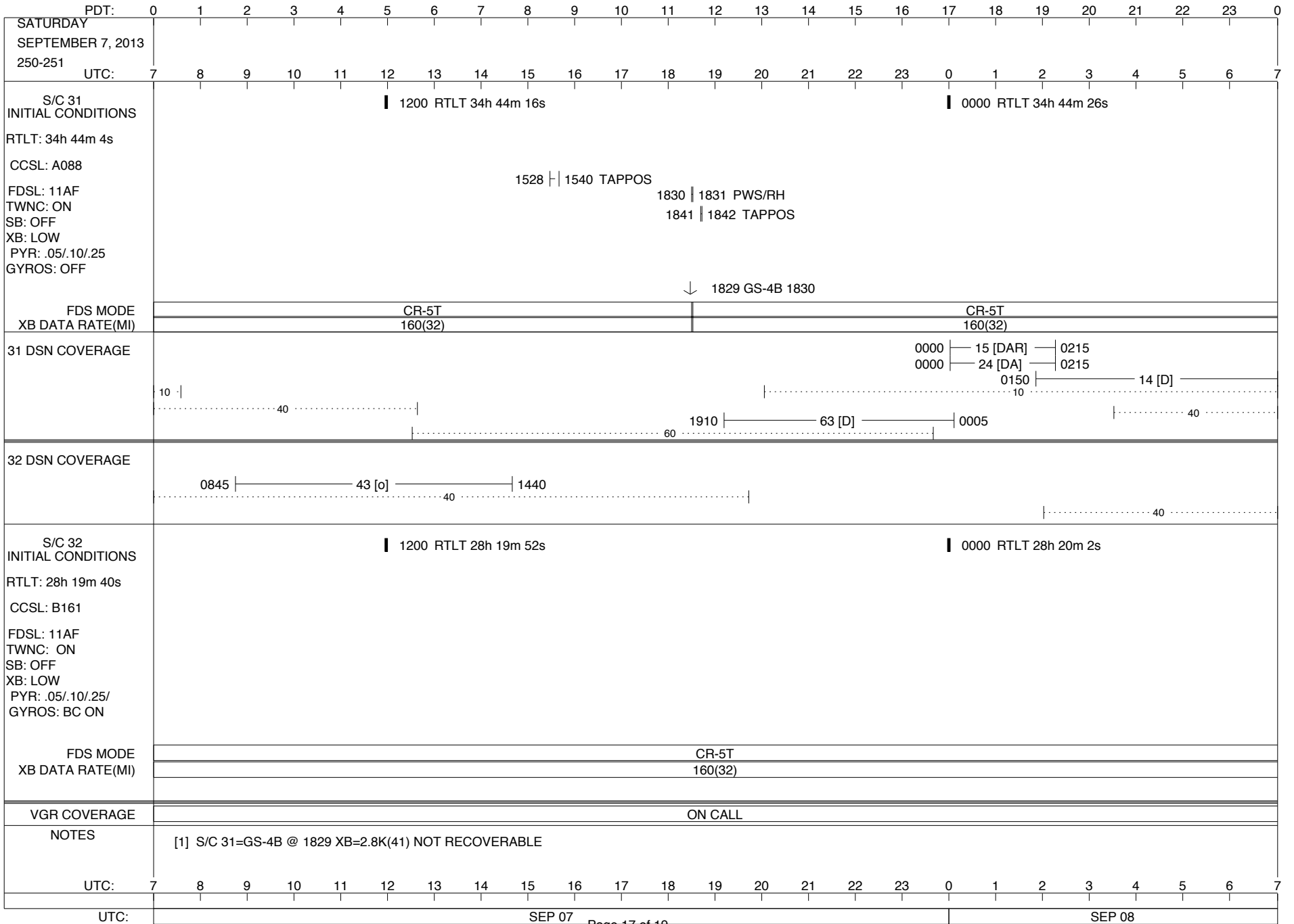
FDS MODE CR-5T
 XB DATA RATE(MI) 160(32)

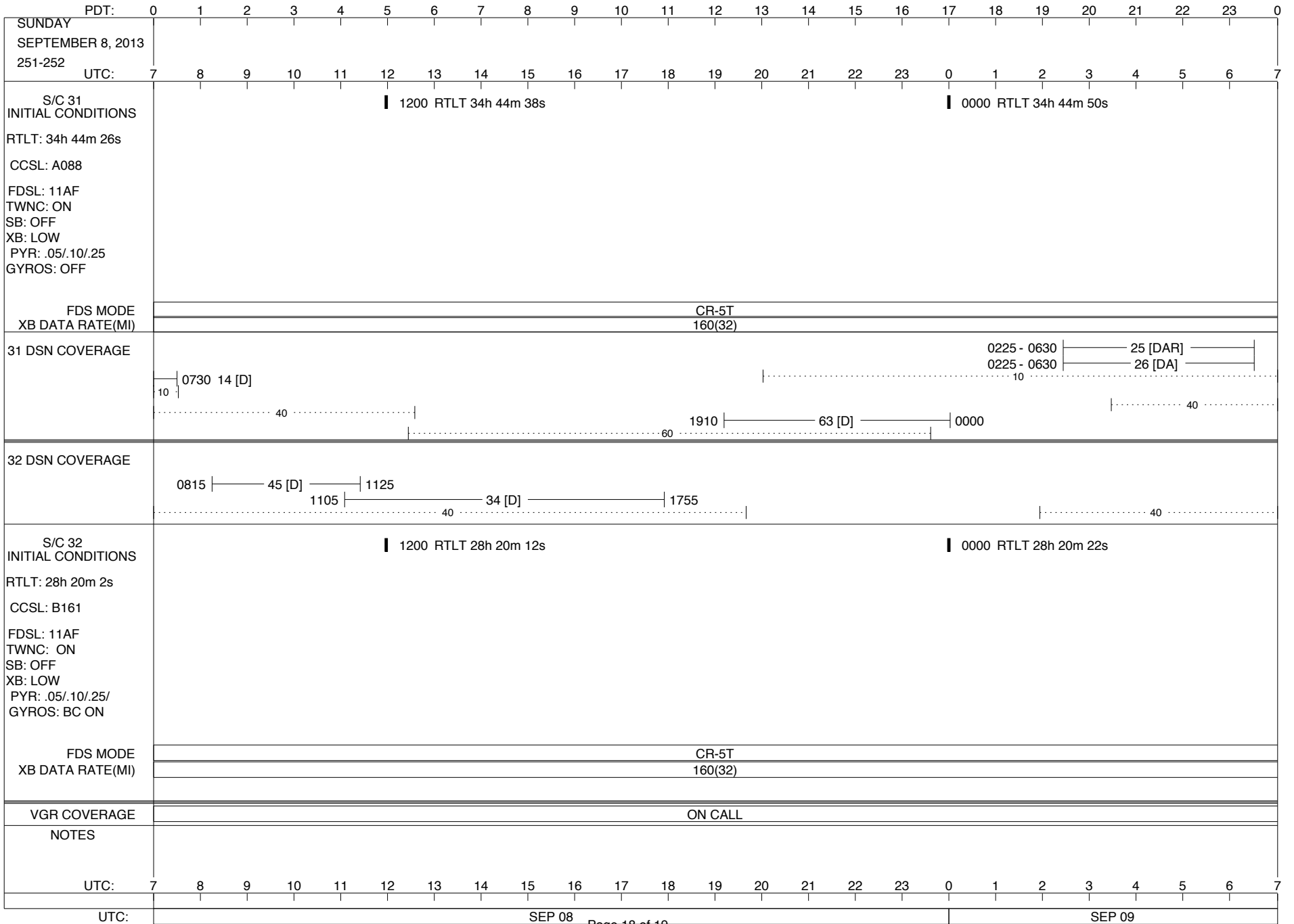
VGR COVERAGE ON CALL

NOTES

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UTC:	SEP 06														SEP 07										

ISSUE DATE: 08/26/13 15:51





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 SEPTEMBER 9, 2013 252-253																											
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 44m 50s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 34h 45m 2s</p> </div>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<div style="text-align: center;"> <p>10 40..... 60..... 2005 -----63 [D]----- 2355</p> </div>																										
32 DSN COVERAGE	<div style="text-align: center;"> <p>1030 -----43 [D]----- 1240 1220 -----40----- 175540..... </p> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 28h 20m 22s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: BC ON	<div style="text-align: center;"> <p>1200 RTLT 28h 20m 32s</p> </div>																										
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:	SEP 09													SEP 10													