

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: August 28, 2013

For the Period: 08/29/13 to 09/16/13 (13-241 – 13-259)

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SCIENCE

FLIGHT TEAM (14) 600-100

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LEGEND:

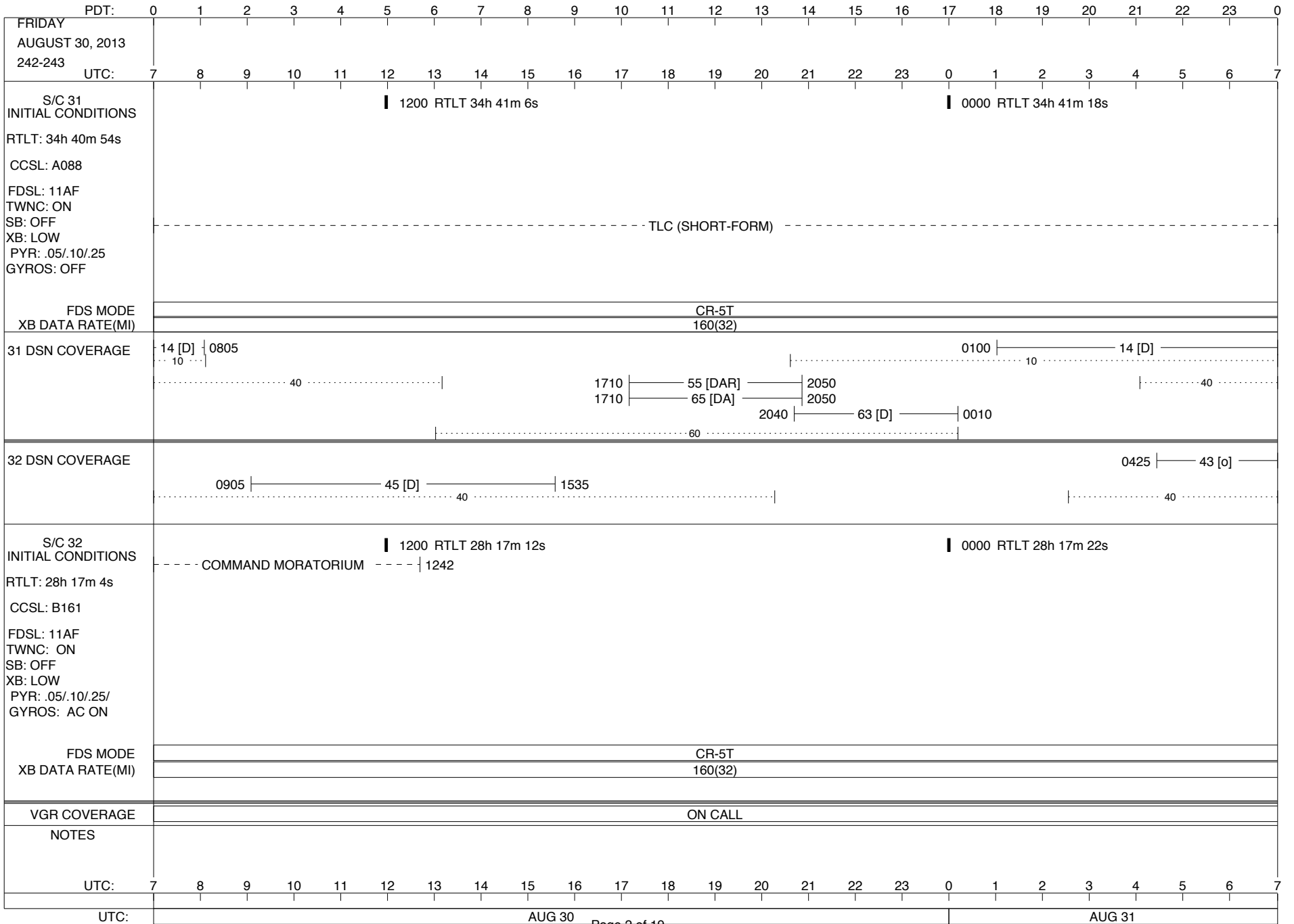
▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = 7-Point BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink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

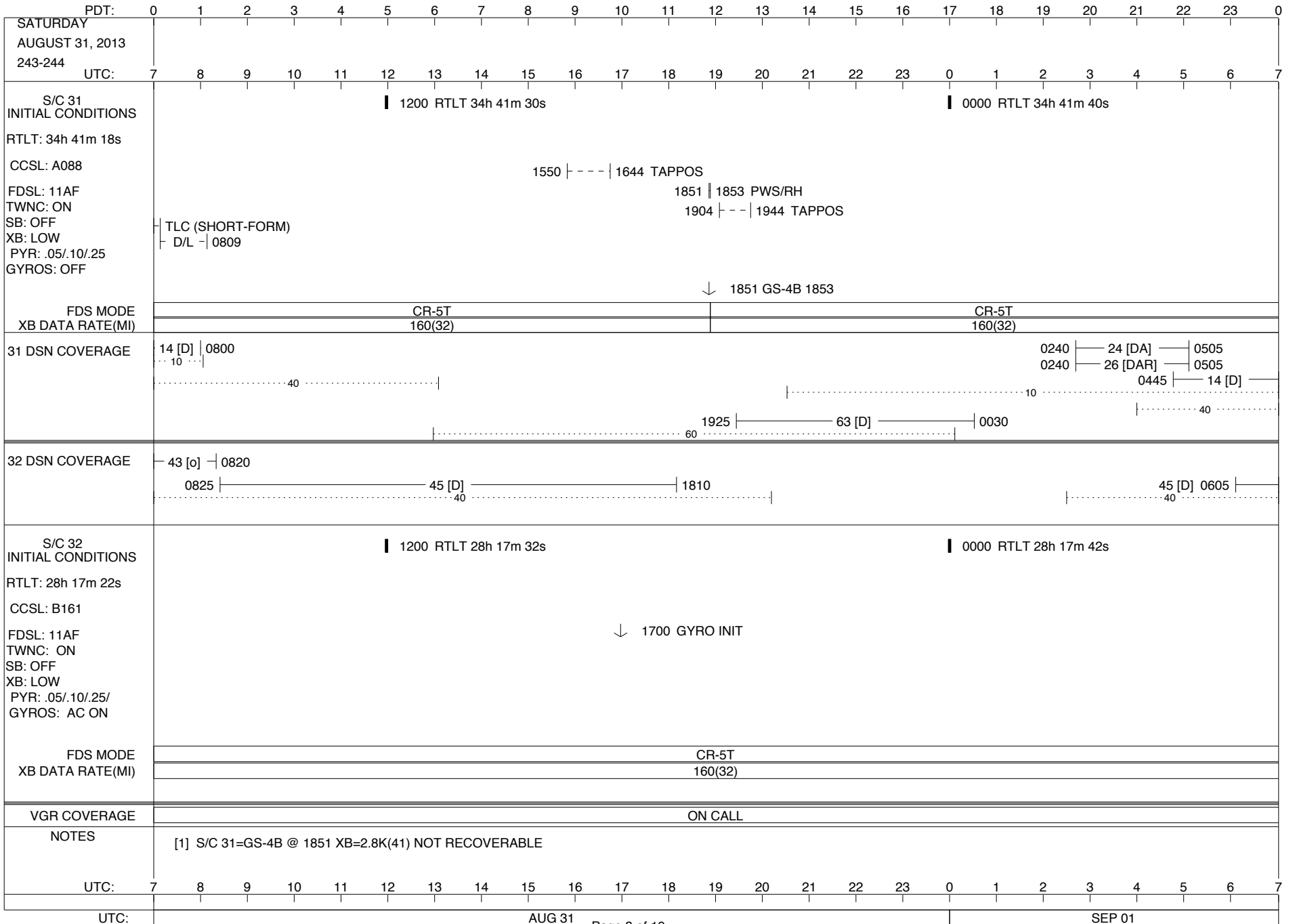
*Electronic Copy Only
 (16 – Dist/N: Paper Copies)
 09/08/10

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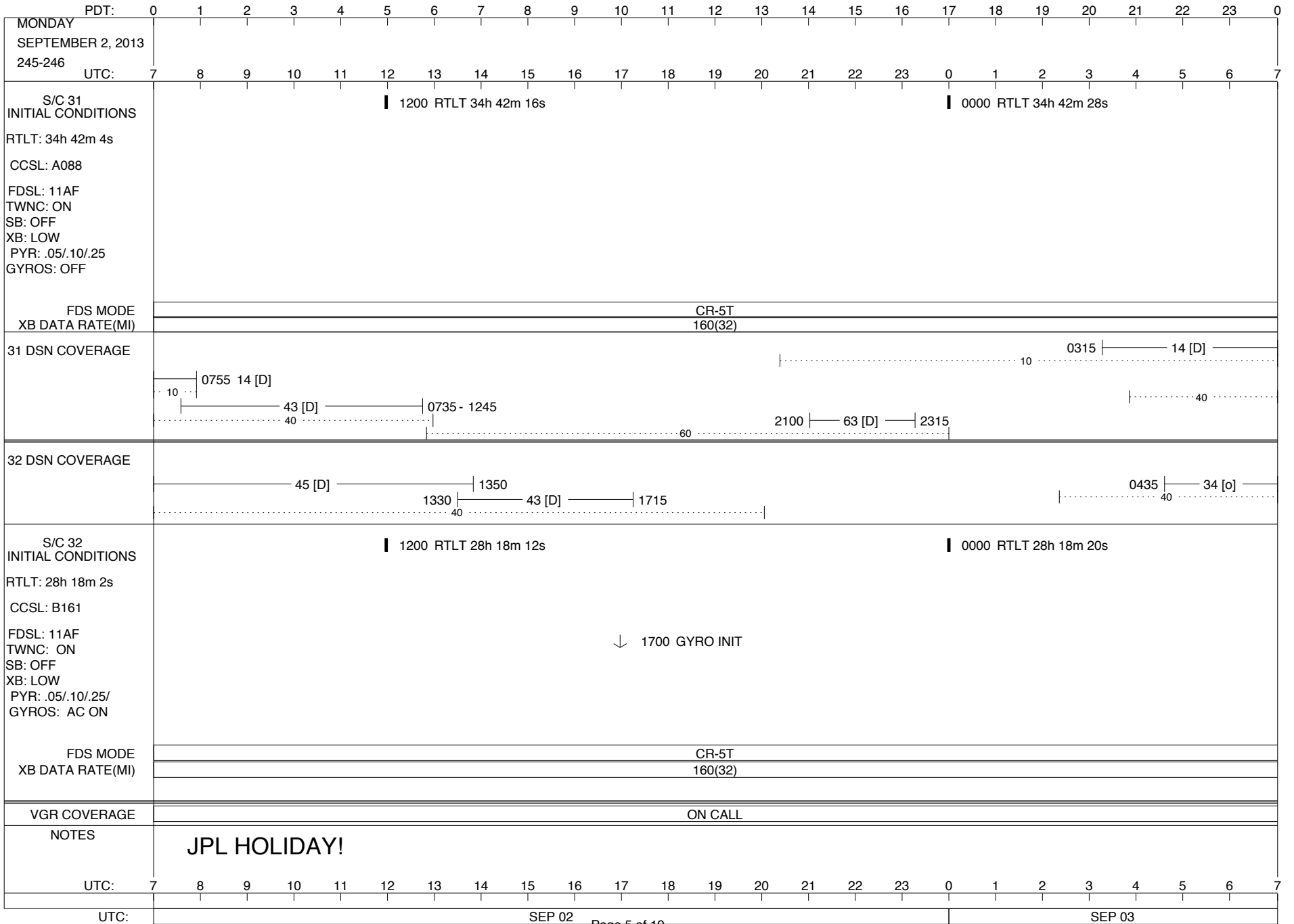
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THURSDAY AUGUST 29, 2013 241-242																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 34h 40m 30s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 40m 42s												0000 RTLTL 34h 40m 54s												
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 60 1935 63 [T] 0040												
32 DSN COVERAGE	1105 40 43 [D] 1815											 40												
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 RTLTL 28h 16m 54s												0000 RTLTL 28h 17m 4s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												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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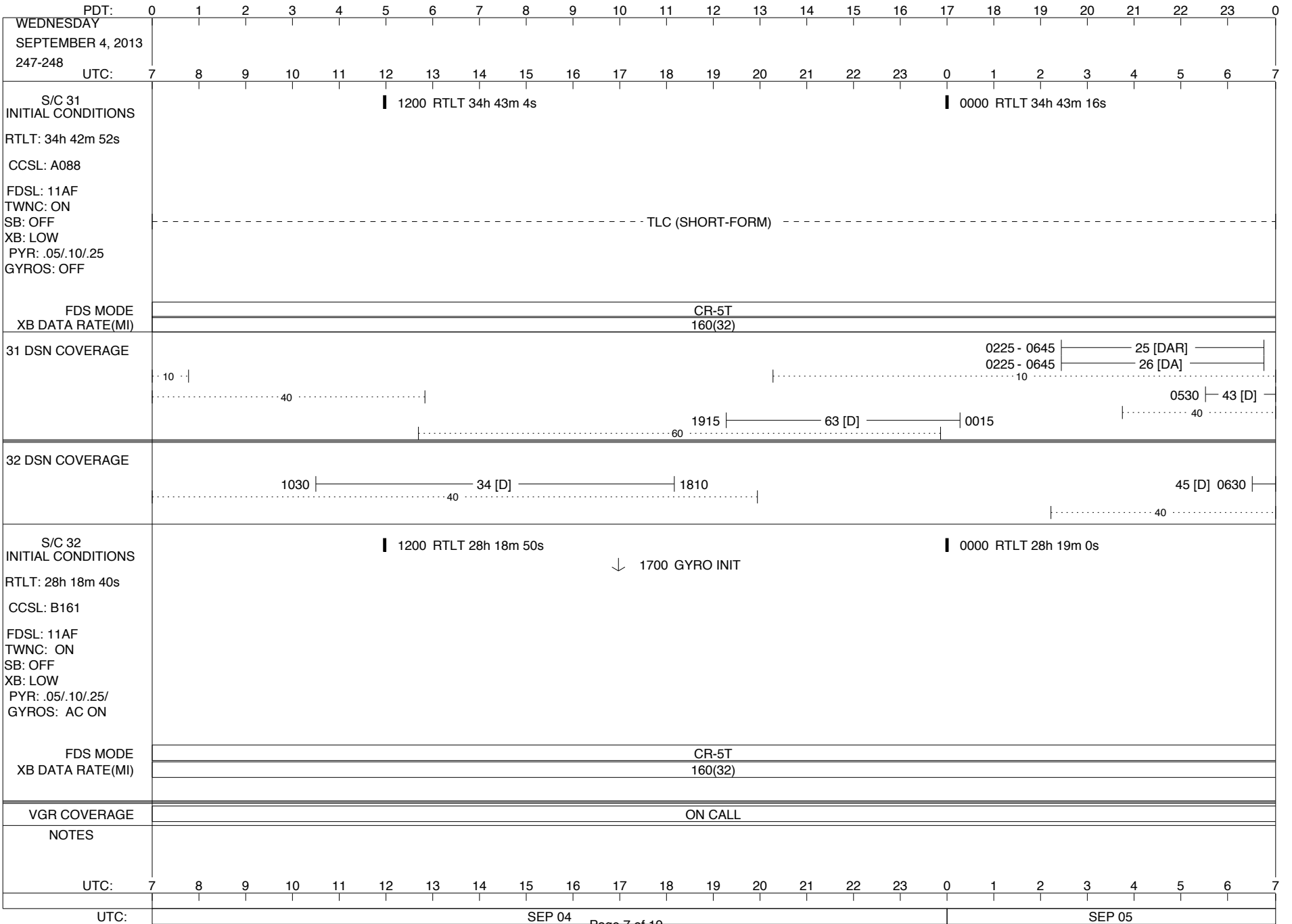


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SUNDAY SEPTEMBER 1, 2013 244-245																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 34h 41m 40s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 41m 52s												0000 RTLTL 34h 42m 4s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0755 14 [D] 40 60												0115 15 [DA] 0405 0115 25 [DAR] 0405 0345 14 [D] 2125 63 [D] 0025 40												
32 DSN COVERAGE 45 [D] 40 1815 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												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												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												

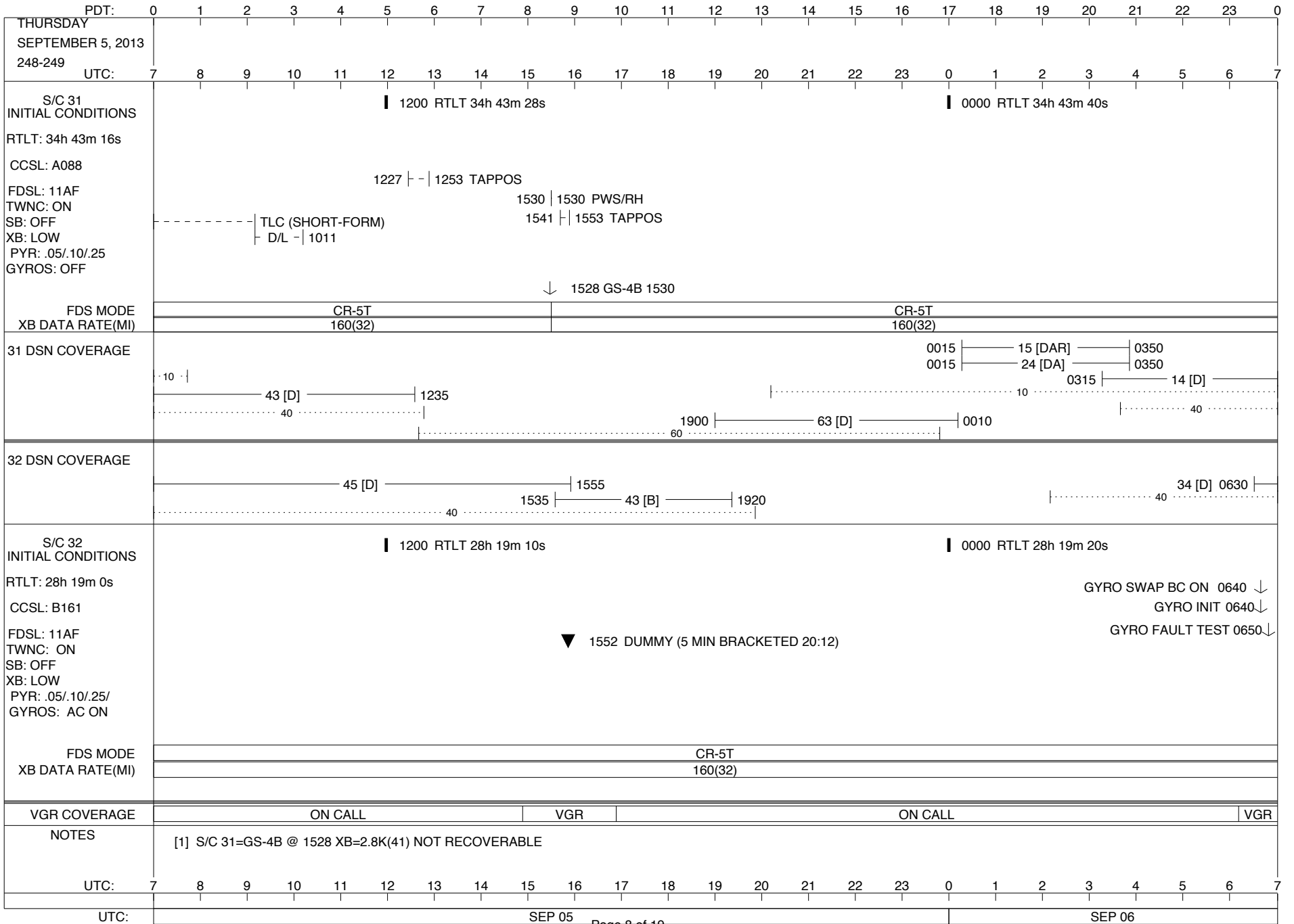


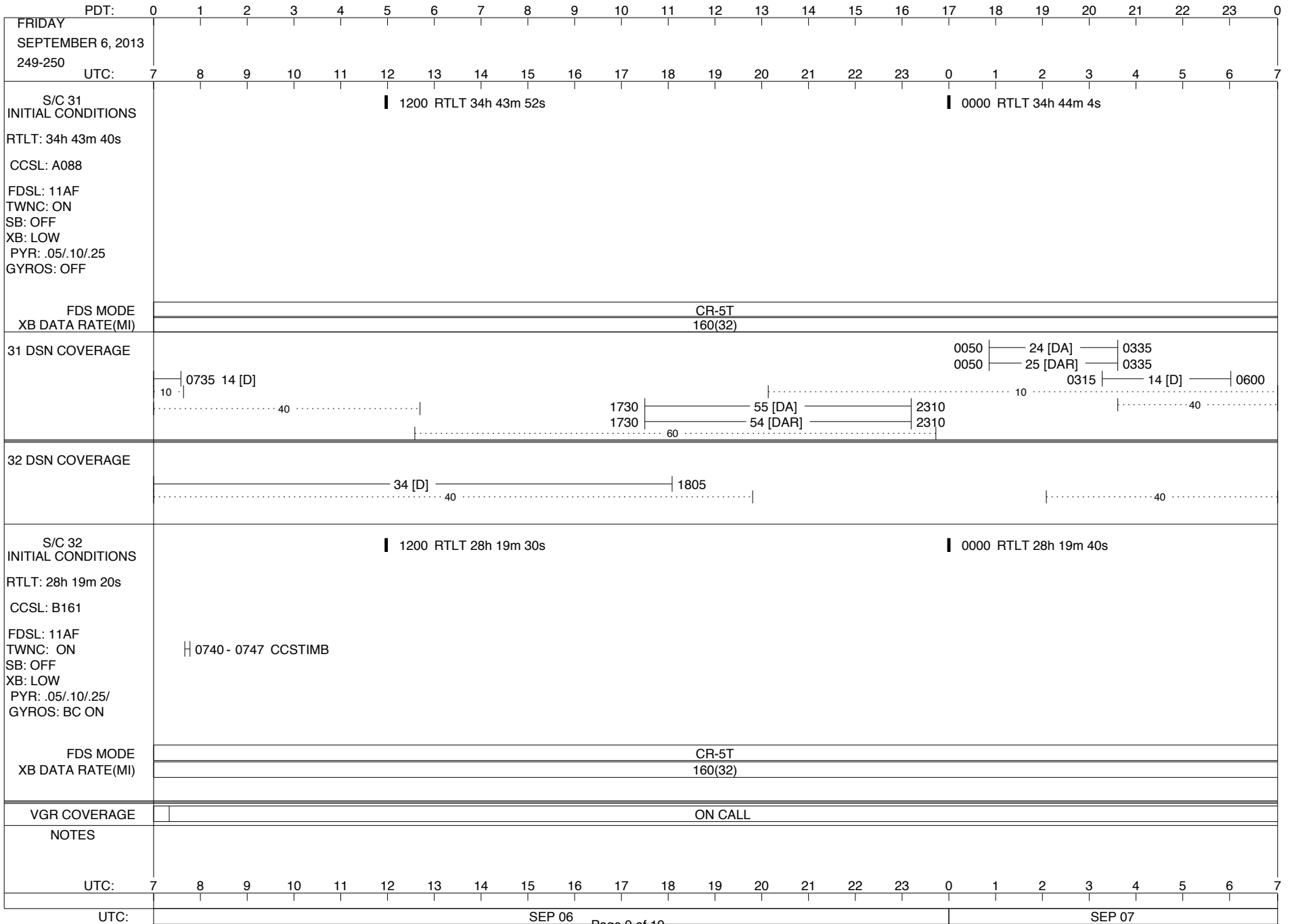
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TUESDAY SEPTEMBER 3, 2013 246-247	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 34h 42m 28s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 42m 40s												0000 RTLT 34h 42m 52s												
0915 0916 PWS/RH													▼ 2035 DUMMY (07:18)												
U/L 2200 - - - - - - TLC (SHORT-FORM) - - - - -																									
↓ 0915 GS-4B 0916																									
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0745 14 [D]												0015 - 0650 25 [DA]												
	43 [D]												0015 - 0650 26 [DAR]												
	0725 - 1240												10												
	40												40												
	60												2010 63 [T] 0020												
32 DSN COVERAGE	34 [o]												1520												
	40												40												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 18m 20s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: AC ON	1200 RTLT 28h 18m 30s												0000 RTLT 28h 18m 40s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	ON CALL												VGR						ON CALL						
NOTES	[1] S/C 31=GS-4B @ 0915 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:	SEP 03												Page 6 of 19						SEP 04						

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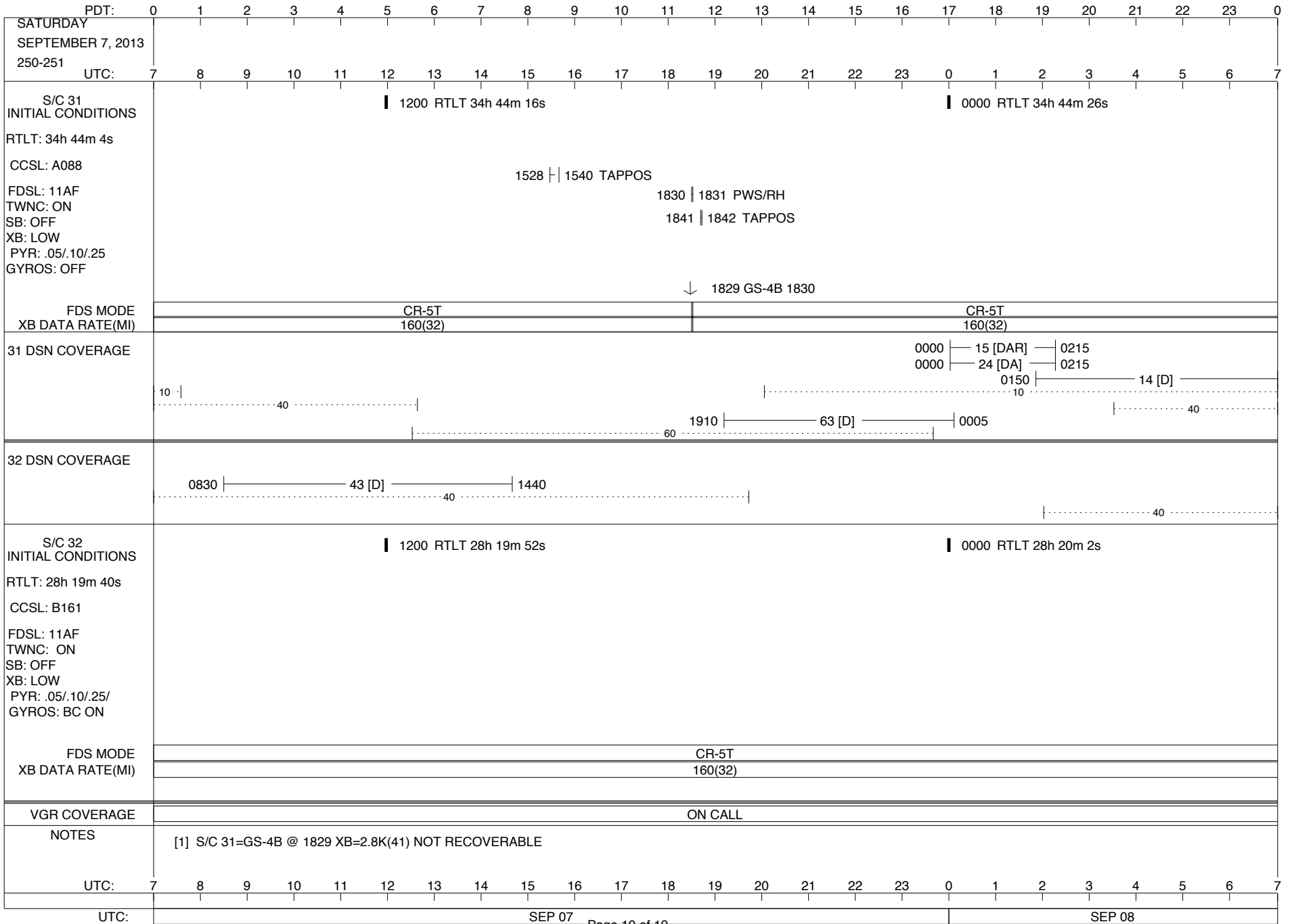


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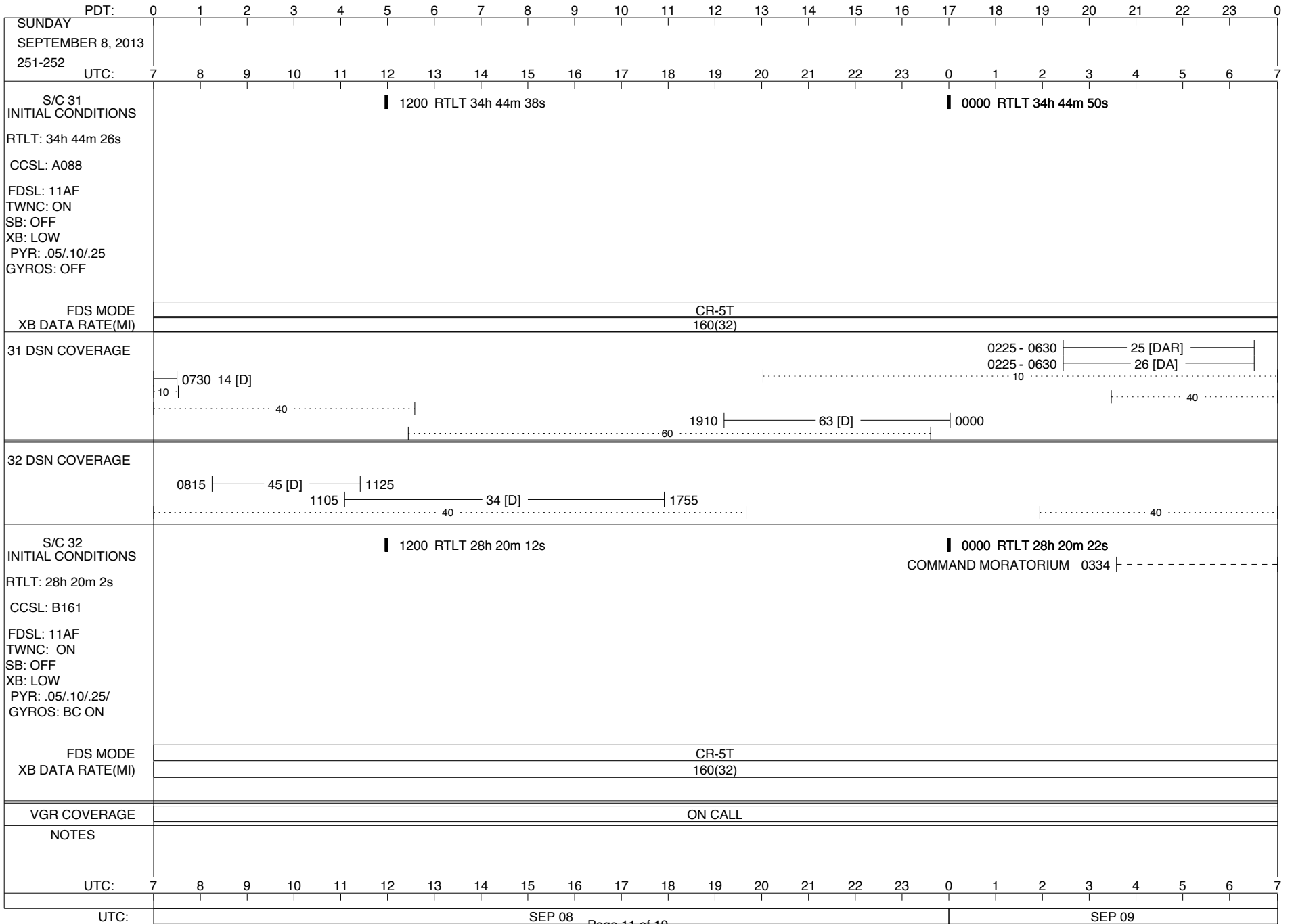


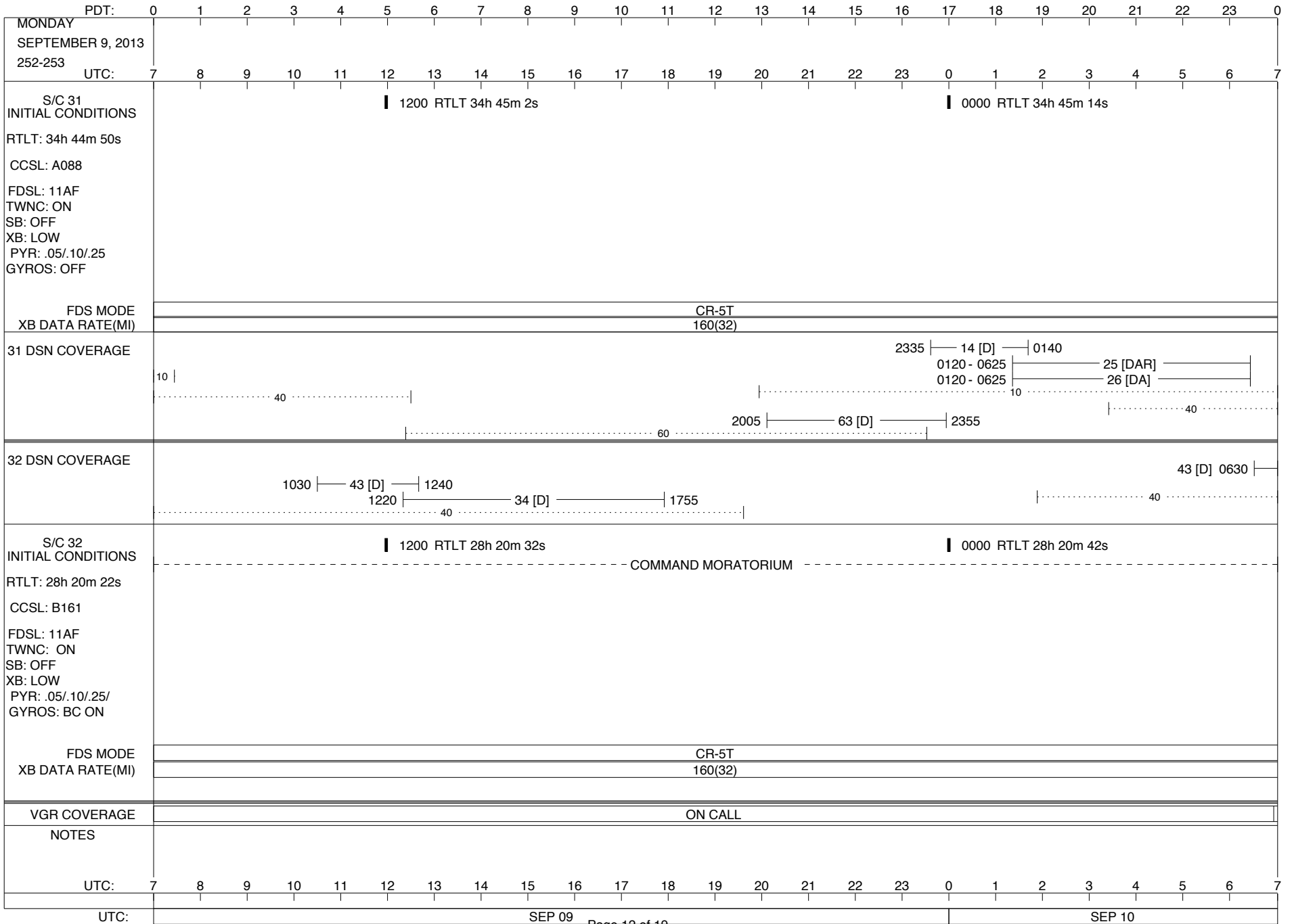


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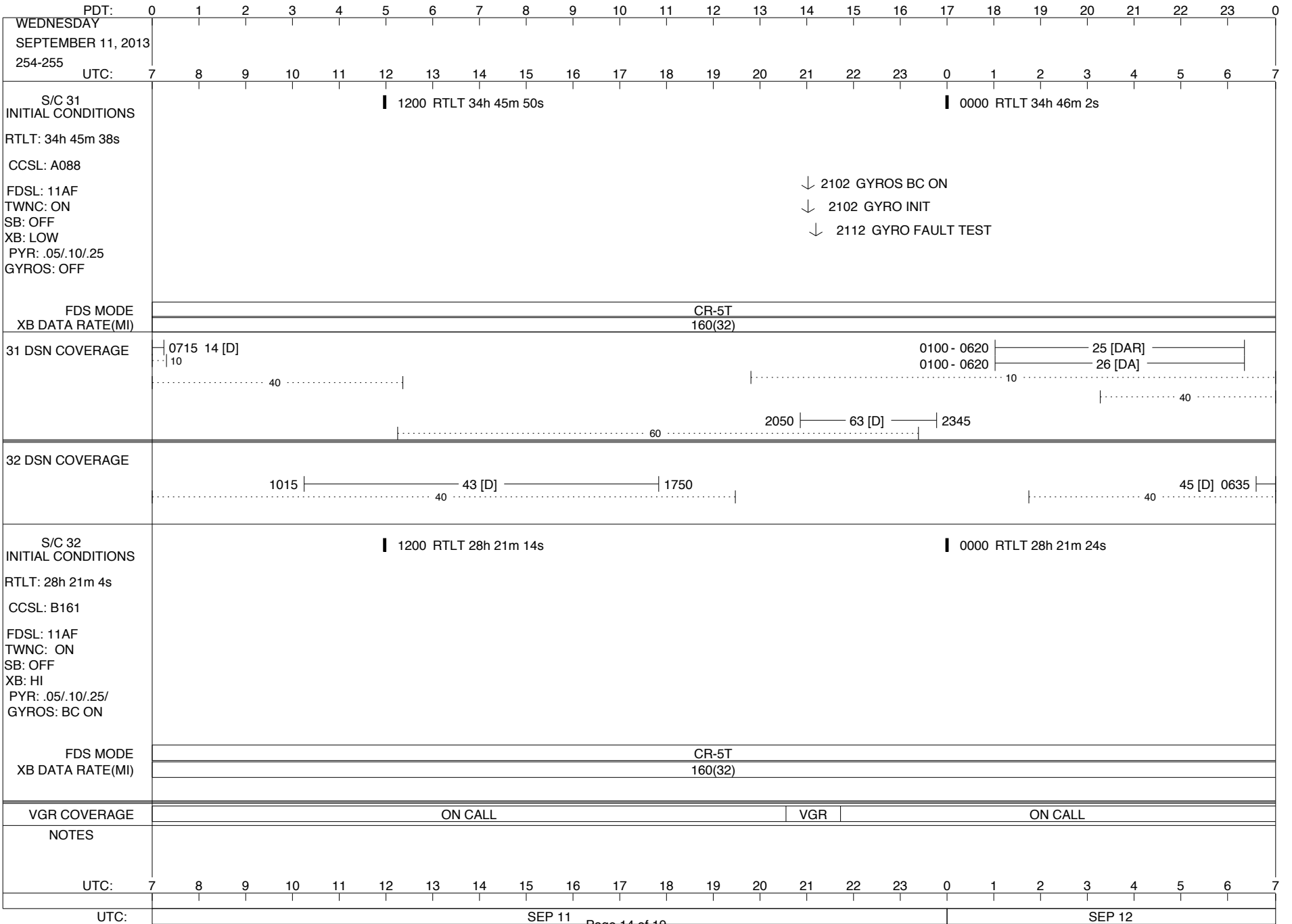




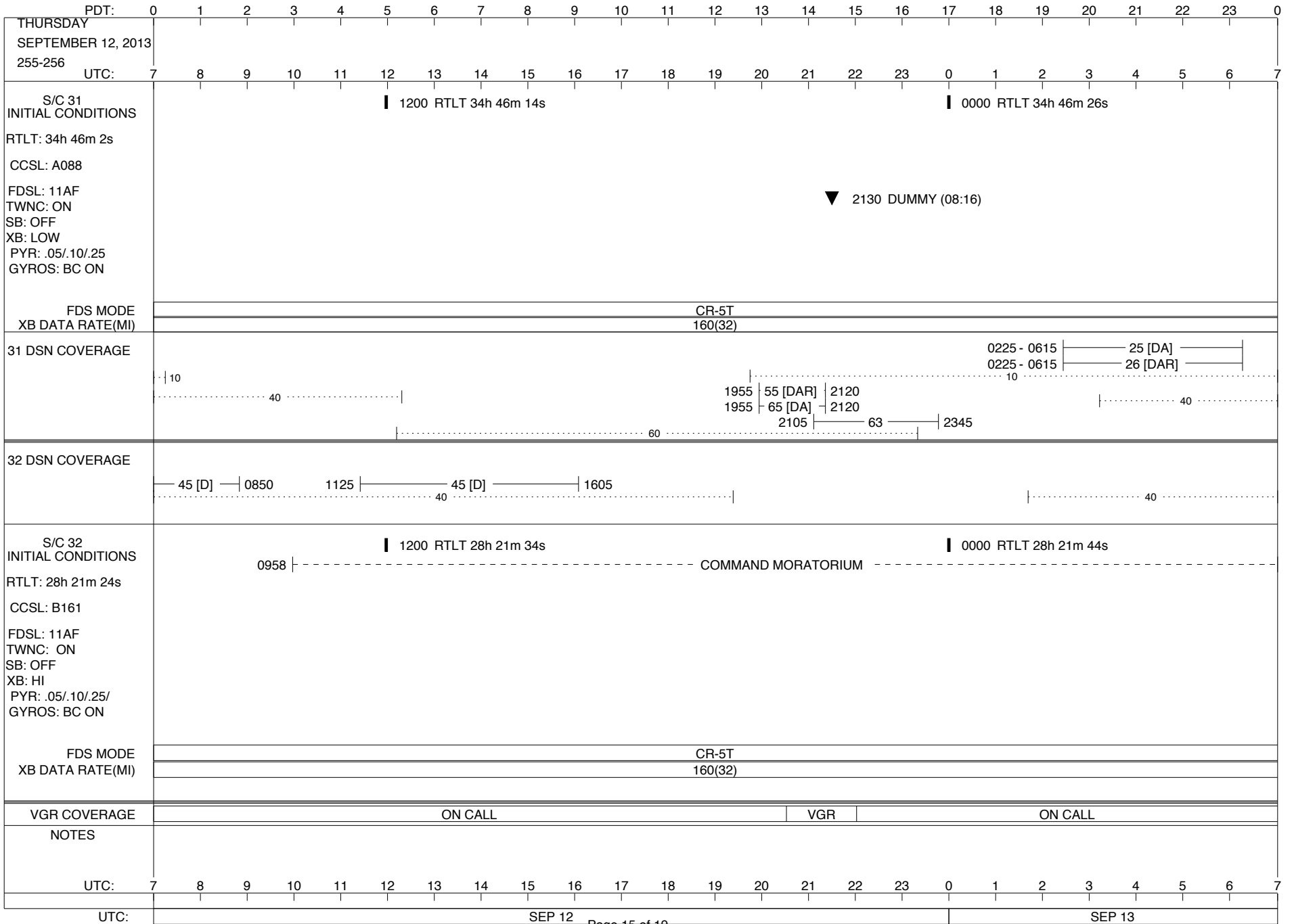
ISSUE DATE: 08/29/13 14:55

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	
TUESDAY SEPTEMBER 10, 2013 253-254	
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 45m 14s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 34h 45m 26s</p> <p>0000 RTLT 34h 45m 38s</p> <p>0108 ---- MAGCAL ---- 0411 0108 ----- PESCAL ----- 0428 PWS/RH 0517 0518</p> <p>0517 GS-4B 0517 ↓</p>
FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)
31 DSN COVERAGE	<p>0055 ----- 14 [D] -----</p> <p>..... 10..... -----40.....</p> <p>..... -----40..... -----60..... -----2000..... -----63 [D] ----- -----2350.....</p>
32 DSN COVERAGE	<p>-----43 [D] ----- -----1000.....</p> <p>..... -----40..... -----1115..... -----45 [D] ----- -----1750.....</p> <p>..... -----40..... -----40.....</p>
S/C 32 INITIAL CONDITIONS RTLT: 28h 20m 42s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: BC ON	<p>1200 RTLT 28h 20m 52s</p> <p>0000 RTLT 28h 21m 4s</p> <p>----- COMMAND MORATORIUM ----- 0308</p> <p>↓ 0725 BAY 1 HTR OFF ↓ 0729 X/B HI POWER ↓ 0757 ALL DB=.05 ↓ 0813 AAI 0813 --- 0851 ASCAL ↓ 0848 RAI ↓ 0851 CRU ↓ 0859 YAW=.10 ↓ 0859 ROLL=.25 ↓ 0901 GYRO FAULT TEST ↓ 0741 ↓ 0854</p>
FDS MODE	EL-40
XB DATA RATE(MI)	40(30)
	CR-5T
	160(32)
VGR COVERAGE	VGR ON CALL
NOTES	<p>[1] S/C 31=GS-4B @ 0517 XB=2.8K(41) NOT RECOVERABLE [2] S/C 32 - D/L /SNR VARIATIONS EXPECTED DURING ASCAL (0813-0850) [3] S/C 32=EL-40 @ 0741 XB=40(30)</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	
UTC: SEP 10 SEP 11	

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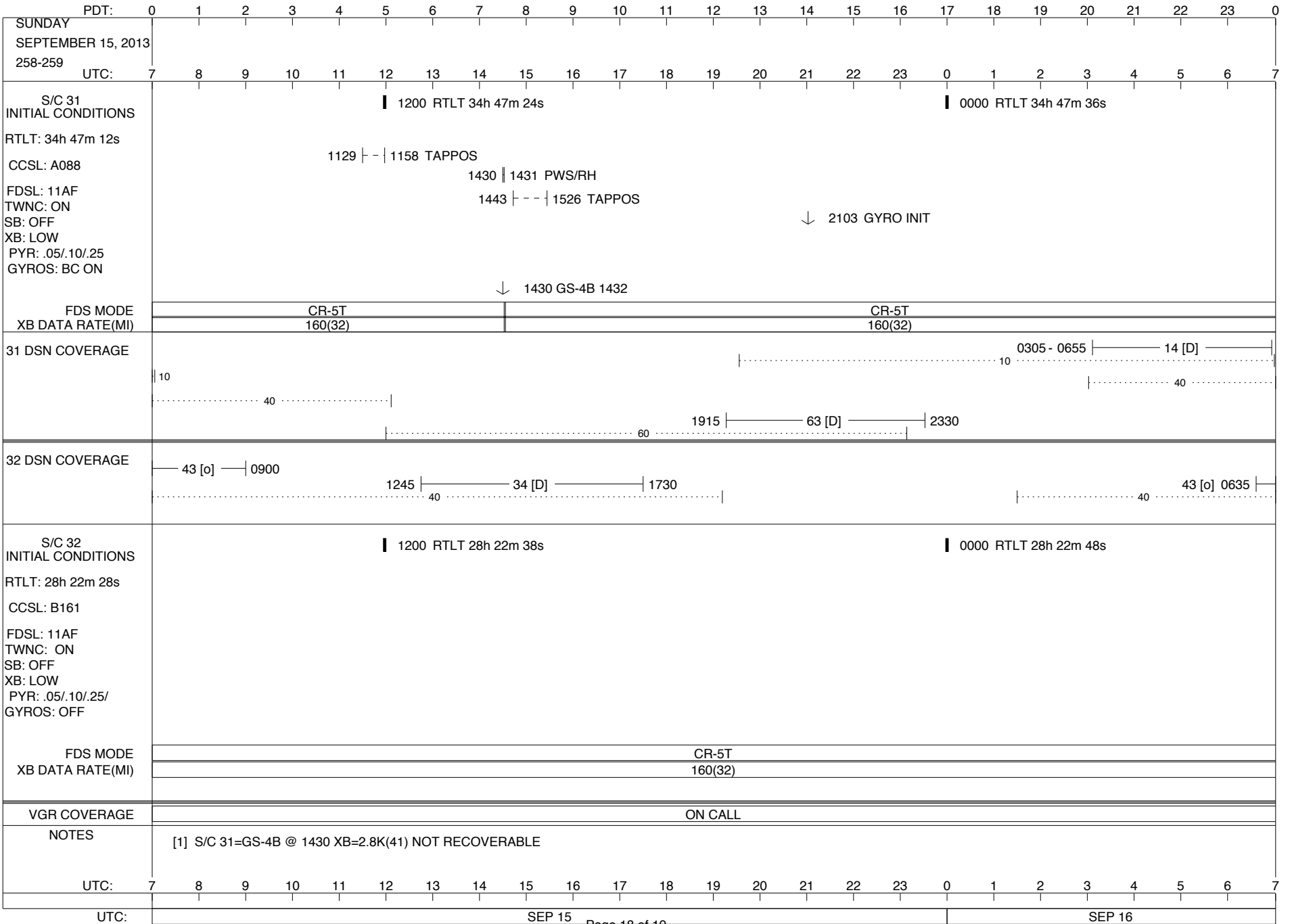


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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
FRIDAY SEPTEMBER 13, 2013 256-257	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 34h 46m 26s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 34h 46m 38s												0000 RTLTL 34h 46m 50s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	1040.....											60.....2045 -----63 [D]----- 234010.....0305 -----14 [D]-----												
32 DSN COVERAGE	-----43 [D]----- 0725 - 174540.....												-----40.....												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 21m 44s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25/ GYROS: BC ON	1200 RTLTL 28h 21m 56s												0000 RTLTL 28h 22m 6s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1130 XB=2.8K(41) NOT RECOVERABLE [2] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0741-1349)																								
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 13												SEP 14												

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 SEPTEMBER 14, 2013 257-258	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 46m 50s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 34h 47m 0s												0000 RTLT 34h 47m 12s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	0705 14 [D] 10												2350 25 [DAR] 2350 26 [DA] 0605 0605												
32 DSN COVERAGE	0855 45 [D] 1735 40												2045 63 [D] 2335 60												
S/C 32 INITIAL CONDITIONS RTLT: 28h 22m 6s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 22m 16s												0000 RTLT 28h 22m 28s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	0934 COMMAND MORATORIUM																								
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 14												SEP 15												

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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 SEPTEMBER 16, 2013 259-260																											
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 47m 36s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	<p style="text-align: center;">█ 1200 RTLT 34h 47m 48s</p>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<p style="text-align: center;">.....40..... </p> <p style="text-align: center;">60..... 1910 -----63 [D]----- 2325</p>																										
32 DSN COVERAGE	<p style="text-align: center;"> -----43 [o]----- 1740</p> <p style="text-align: center;">40..... </p>																										
S/C 32 INITIAL CONDITIONS RTLT: 28h 22m 48s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 28h 23m 0s</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:	SEP 16													SEP 17													