

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: September 10, 2014

For the Period: 09/11/14 to 09/29/14 (14-254 – 14-272)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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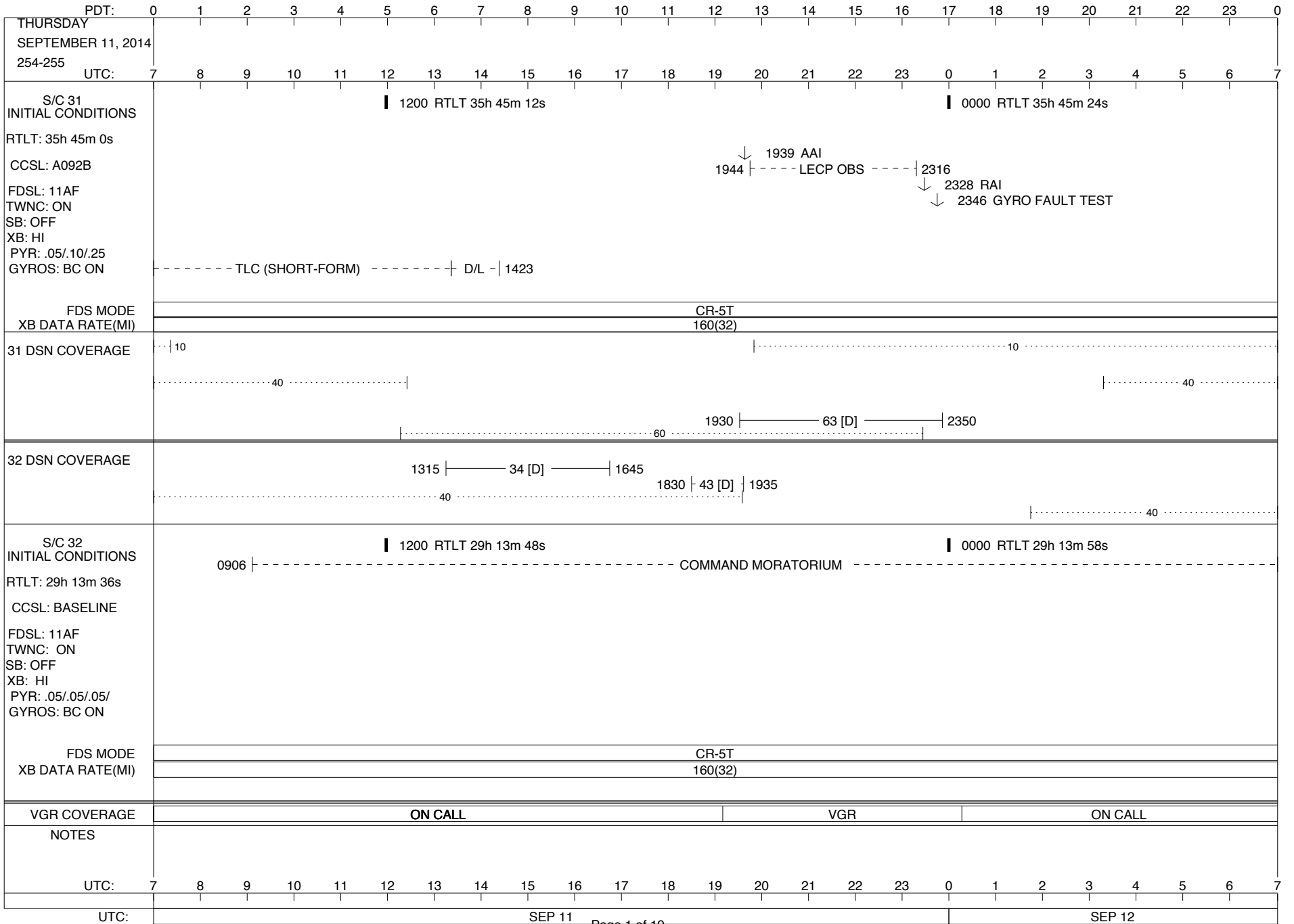
FLIGHT TEAM (14) 600-100

Dodd, S.
 Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina
 Peralta, F.
 Weeks, T.
 Wong, R.
 Yang, L.
 Zottarelli, L.
 *odivers@san.rr.com

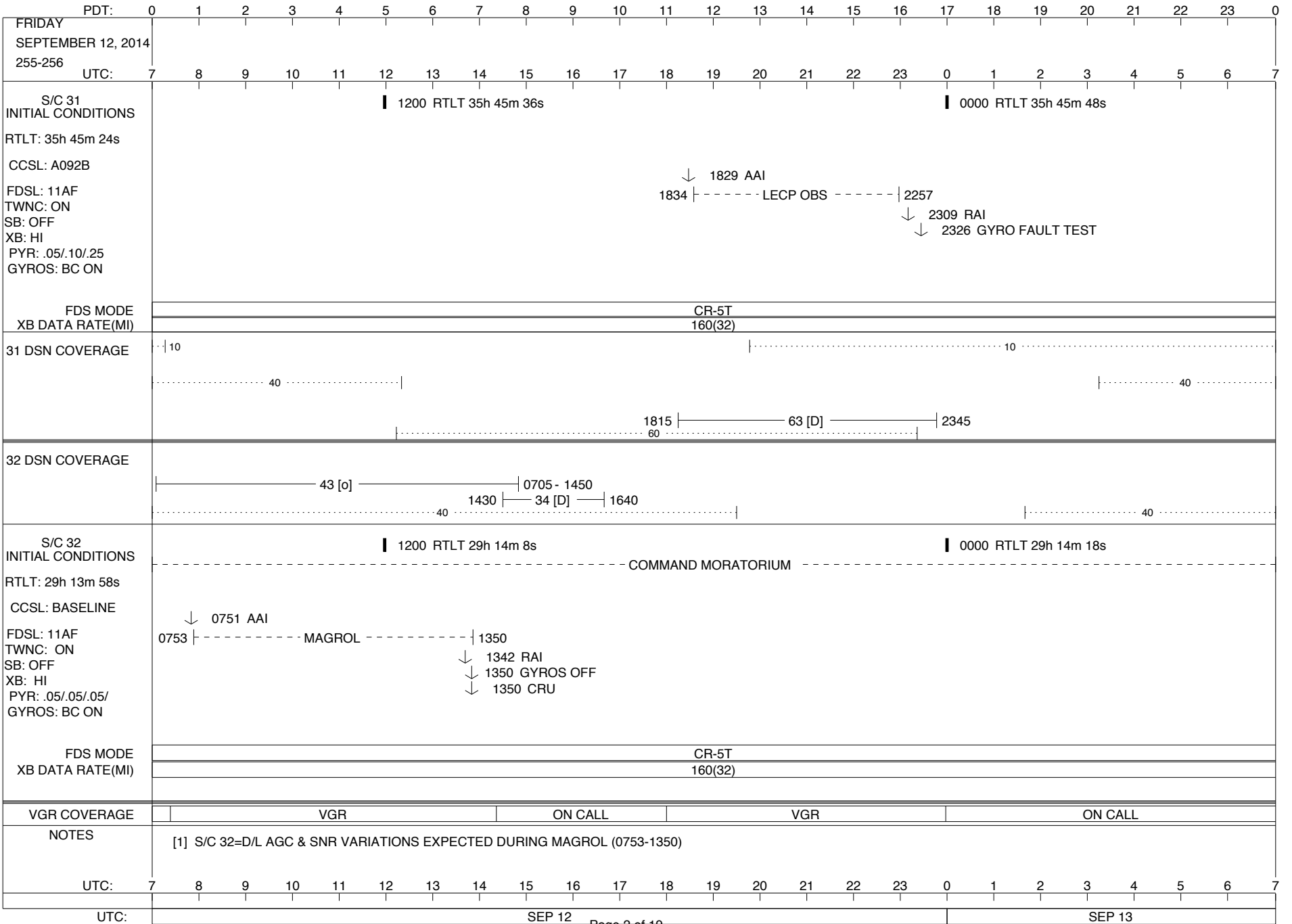
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U =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

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

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S/C 31 INITIAL CONDITIONS RTLTL: 35h 45m 48s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON																									
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLTL: 29h 14m 18s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.05/.05/ GYROS: OFF																									
FDS MODE XB DATA RATE(MI)																									
VGR COVERAGE																									
NOTES																									
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ISSUE DATE: 09/15/14 17:41

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S/C 31 INITIAL CONDITIONS RTLTL: 35h 46m 10s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 35h 46m 22s												0000 RTLTL 35h 46m 34s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	10 40 1720 60 63 [D] 2340												0415 15 [DAR] 0600 0415 24 [DA] 0600 10 40													
32 DSN COVERAGE 40 1330 40 43 [o] 1920											 40													
S/C 32 INITIAL CONDITIONS RTLTL: 29h 14m 40s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.05/.05/ GYROS: OFF	1200 RTLTL 29h 14m 50s												0000 RTLTL 29h 15m 0s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
VGR COVERAGE	ON CALL																									
NOTES																										
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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										
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S/C 31 INITIAL CONDITIONS RTLT: 35h 46m 34s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 35h 46m 46s														0000 RTLT 35h 46m 58s																				
FDS MODE	CR-5T														EL-40				CR-5T																
XB DATA RATE(MI)	160(32)														40(30)				160(32)																
31 DSN COVERAGE	<p>10 |-----| 40 |-----| 1900 |-----| 63 [D] |-----| 2330</p> <p>0315 |-----| 14 [D1] |-----| 0545</p> <p>40 |-----| 40</p>																																		
32 DSN COVERAGE	<p>1330 |-----| 34 [o] |-----| 1605</p> <p>1545 |-----| 43 [D] |-----| 1915</p> <p>40 |-----| 40</p>																																		
S/C 32 INITIAL CONDITIONS RTLT: 29h 15m 0s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.05/.05/ GYROS: OFF	1200 RTLT 29h 15m 12s														0000 RTLT 29h 15m 22s																				
FDS MODE	CR-5T																																		
XB DATA RATE(MI)	160(32)																																		
VGR COVERAGE	ON CALL							VGR							ON CALL							VGR							ON CALL						
NOTES	<p>[1] S/C 31=D/L AGC/SNR VARIATIONS EXPECTED DURING ASCAL (0403-0440)</p> <p>[2] S/C 31=EL-40 @ 0331 XB=40(30)</p> <p>[3] S/C 31=CR-5T @ 0443 XB=160(32)</p>																																		
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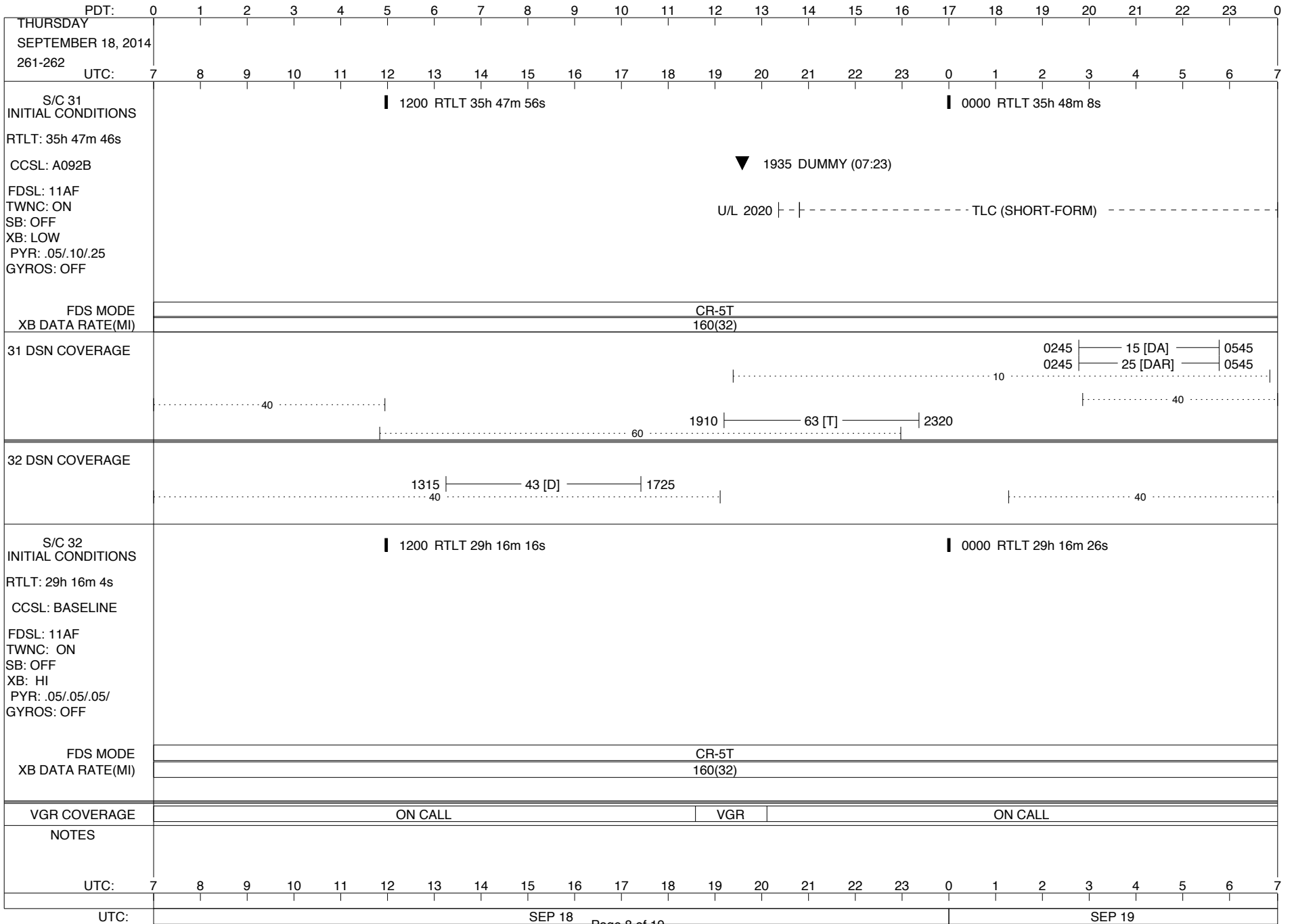
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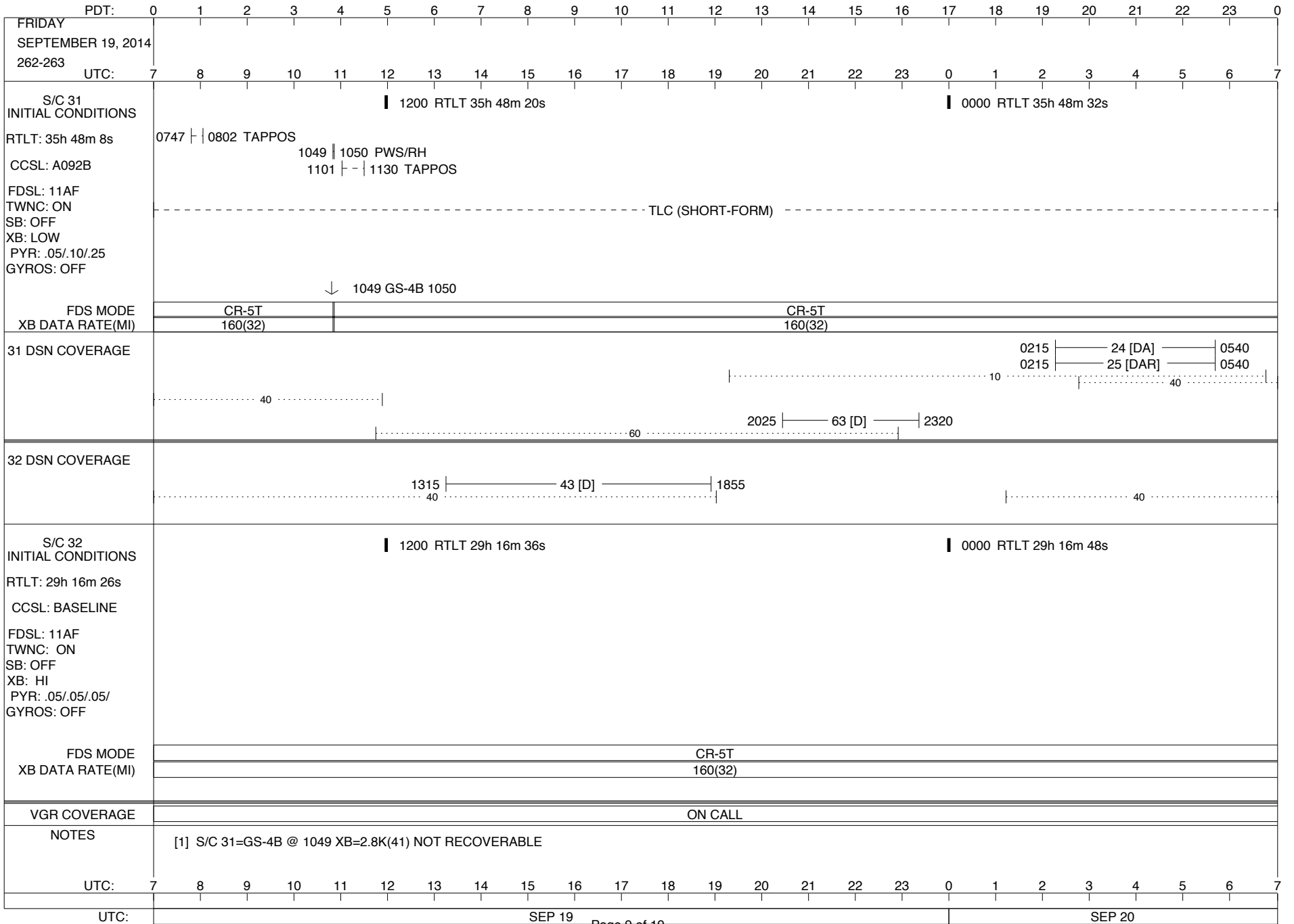
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S/C 31 INITIAL CONDITIONS RTLTL: 35h 46m 58s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 35h 47m 10s												0000 RTLTL 35h 47m 22s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	10 40 ..... |										| ..... 10 0340 | 15 [DAR] | 0550 0340 | 24 [DA] | 0550 | ..... 40 ..... |														
	| ..... 60 1900 | 63 [D] | 2330																							
32 DSN COVERAGE	| ..... 40 1330 | 43 [B] | 1915										| ..... 40 ..... |														
S/C 32 INITIAL CONDITIONS RTLTL: 29h 15m 22s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.05/.05/ GYROS: OFF	| 1200 RTLTL 29h 15m 32s												| 0000 RTLTL 29h 15m 44s												
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 @ 0435 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 16												Page 6 of 19						SEP 17						

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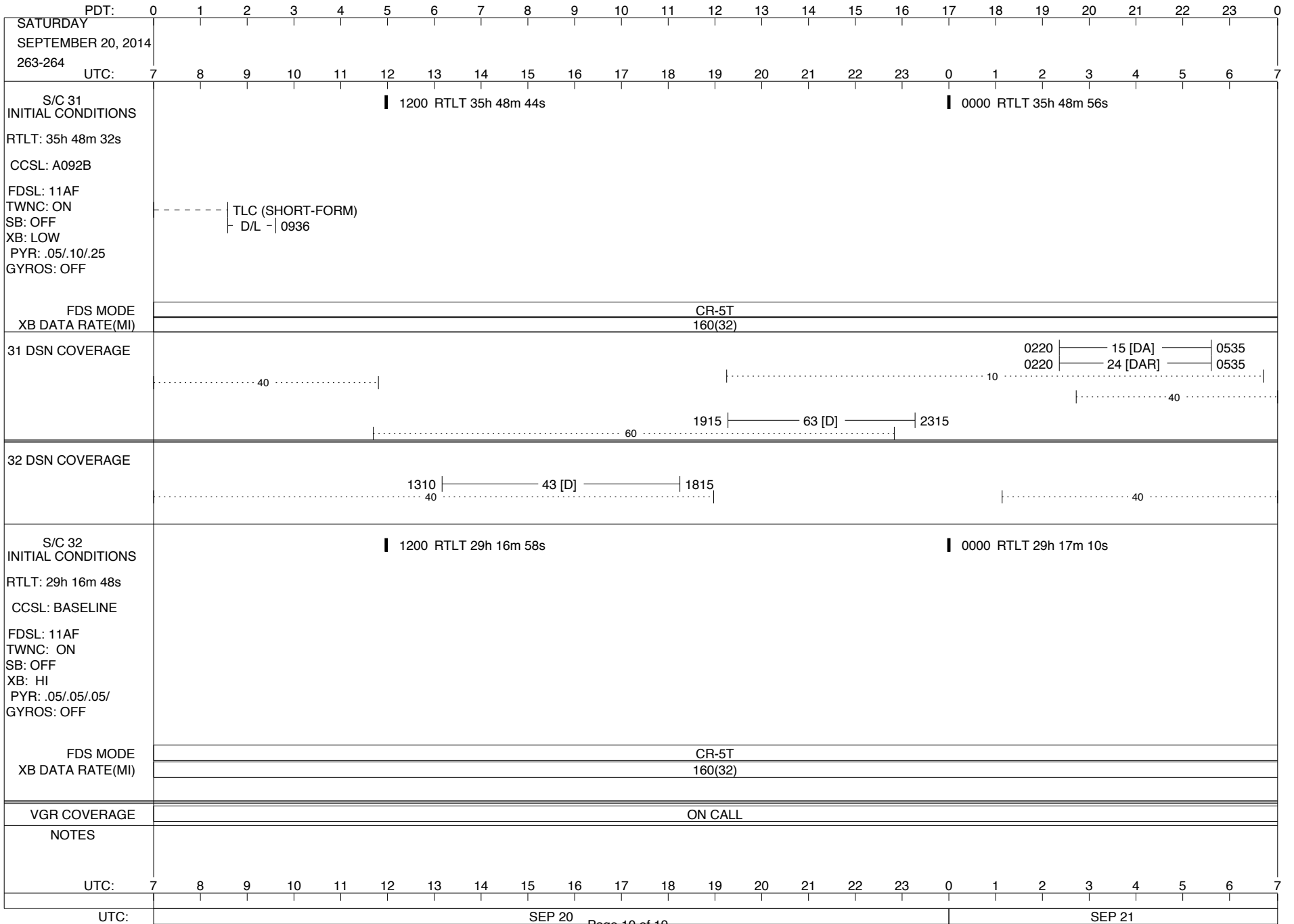
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WEDNESDAY																																																												
SEPTEMBER 17, 2014																																																												
260-261 UTC:		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7																																		
S/C 31 INITIAL CONDITIONS RTLT: 35h 47m 22s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 35h 47m 34s																											0000 RTLT 35h 47m 46s																																
															↓ 2256 AAI											2259 |----- MAGROL -----| 0455	RAI 0448 ↓	CRU 0455 ↓	GYROS OFF 0455 ↓	X/B LOW POWER 0457 ↓	BAY 1 HTR ON 0501 ↓																													
FDS MODE															CR-5T																																													
XB DATA RATE(MI)															160(32)																																													
31 DSN COVERAGE															2115 - 0650 |----- 14 [DA] -----|																																													
															2330 - 0650 |----- 24 [DA] -----|																																													
															2330 - 0650 |----- 26 [DA] -----|																																													
															40															60															10															40
32 DSN COVERAGE															1240 |----- 43 [D] -----| 1910																																													
															40															40																														
S/C 32 INITIAL CONDITIONS RTLT: 29h 15m 44s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.05/.05/ GYROS: OFF	1200 RTLT 29h 15m 54s																											0000 RTLT 29h 16m 4s																																
FDS MODE															CR-5T																																													
XB DATA RATE(MI)															160(32)																																													
VGR COVERAGE	ON CALL														VGR							ON CALL																																						
NOTES	[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (2259-0455)																																																											
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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S/C 31 INITIAL CONDITIONS RTLTL: 35h 48m 56s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 35h 49m 8s												█ 0000 RTLTL 35h 49m 18s													
	1047 | - | 1116 TAPPOS												1350 | 1351 PWS/RH													
													1401 | - - | 1444 TAPPOS													
													↓ 1349 GS-4B 1350													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	.....40.....|												.....10.....0445 - 0635 | 14 [D] |													
	.....|												.....40.....											
	.....|												.....2055 | 63 [D] | 2310											
	.....60.....|												.....|												
32 DSN COVERAGE	.....1310 | 43 [D] | 1855												.....40.....											
	.....40.....|												.....|												
S/C 32 INITIAL CONDITIONS RTLTL: 29h 17m 10s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.05/.05/ GYROS: OFF	█ 1200 RTLTL 29h 17m 20s												█ 0000 RTLTL 29h 17m 32s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE													ON CALL													
NOTES	[1] S/C 31=GS-4B @ 1349 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: 09/15/14 17:41

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S/C 31 INITIAL CONDITIONS RTLT: 35h 49m 18s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200																			
FDS MODE																									
XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 29h 17m 32s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.05/.05/ GYROS: OFF						█ 1200																			
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
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FDS MODE																									
XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 29h 17m 52s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.05/.05/ GYROS: OFF						1200 RTLT 29h 18m 4s																			
FDS MODE																									
XB DATA RATE(MI)																									
VGR COVERAGE																									
NOTES																									
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ISSUE DATE: 09/15/14 17:41

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 24, 2014
267-268

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: 35h 50m 6s
CCSL: A092B
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

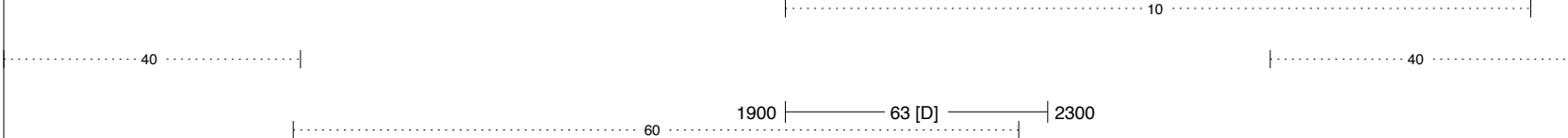
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0000 RTLTL 35h 50m 28s

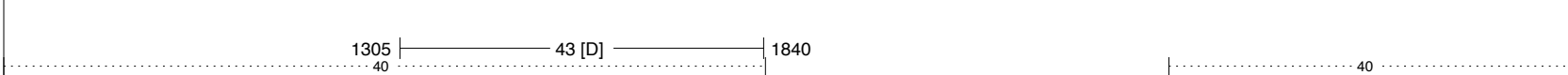
FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLTL: 29h 18m 14s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: HI
PYR: .05/.05/.05/
GYROS: OFF

1200 RTLTL 29h 18m 26s

0000 RTLTL 29h 18m 36s

----- COMMAND MORATORIUM -----

| PLSCAL -| 0705- 0847
|--- MAGCAL ---| 0705- 1007
|--- PESCAL ---| 0705- 1025

*
↓ 1756 X BAND LOW POWER
*
↓ 1800 BAY 1 HTR ON

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE

ON CALL

VGR

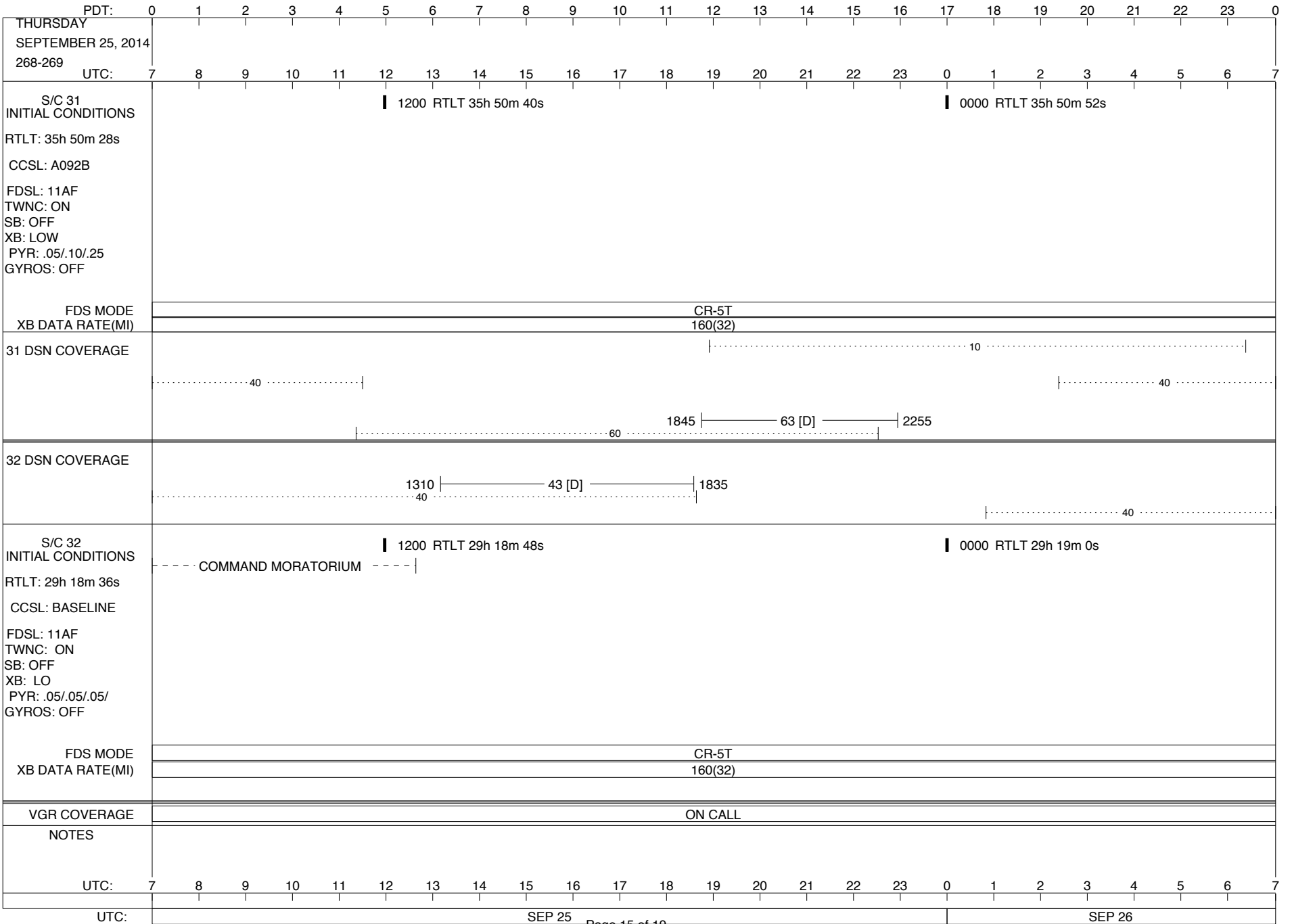
ON CALL

NOTES

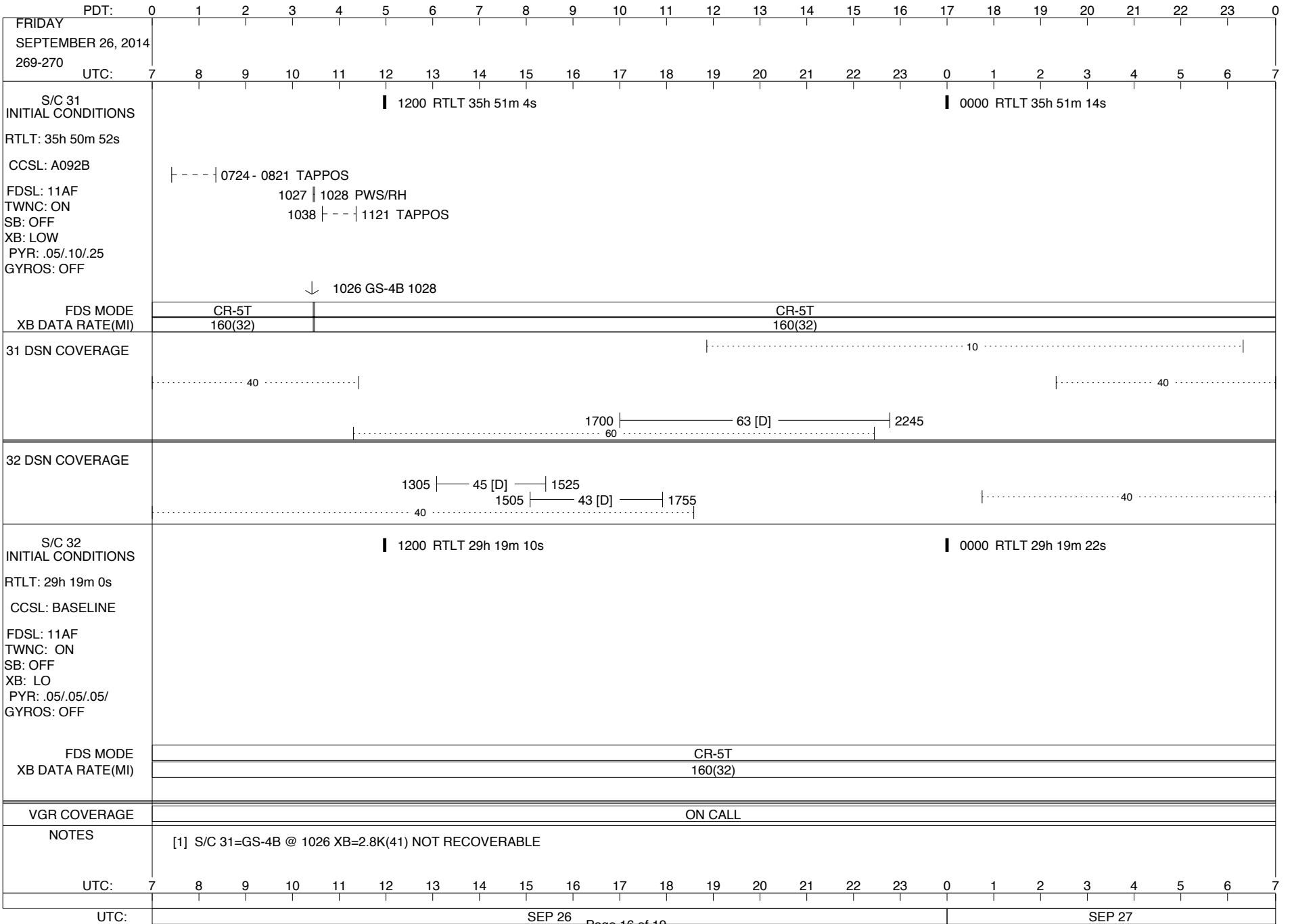
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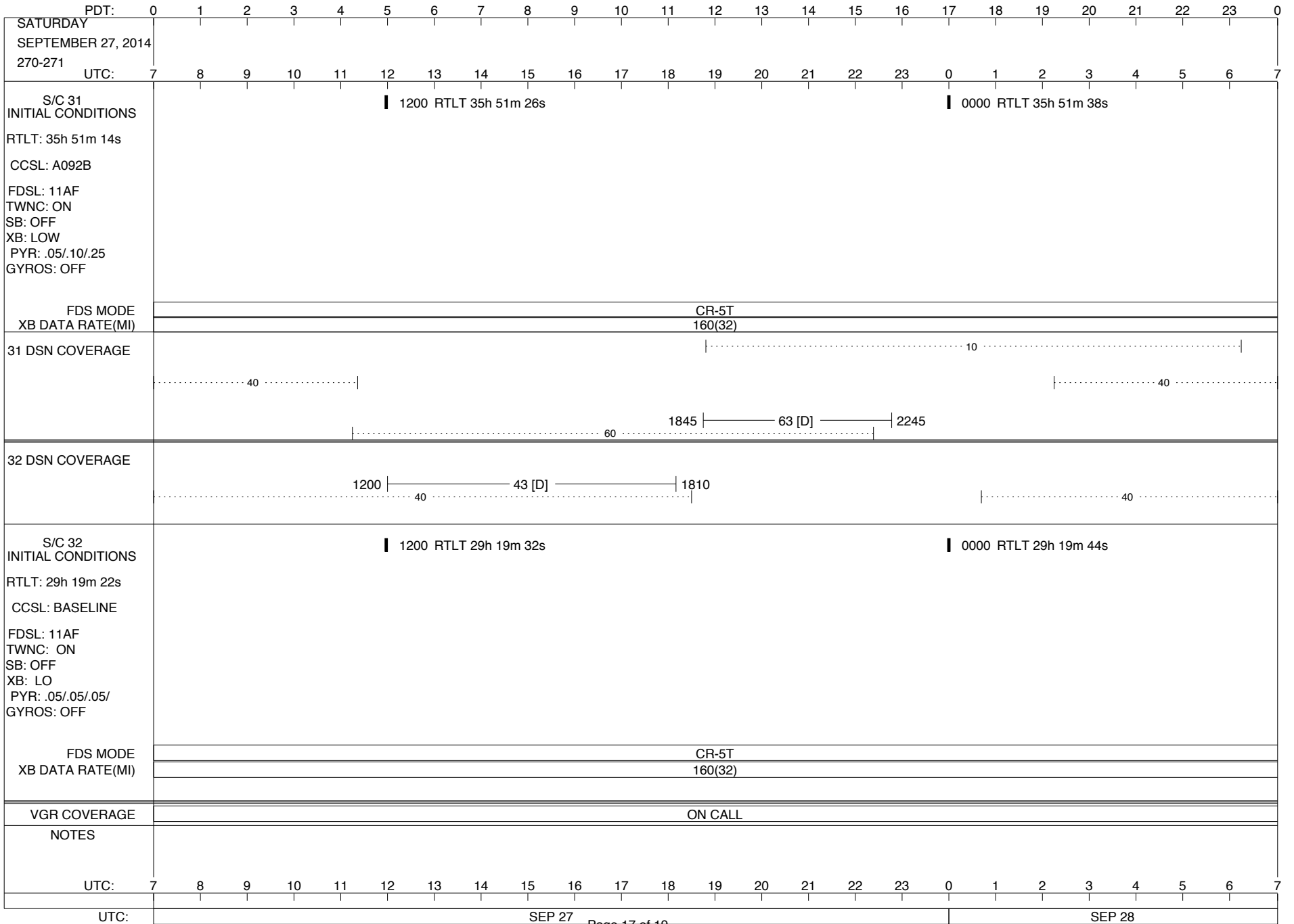
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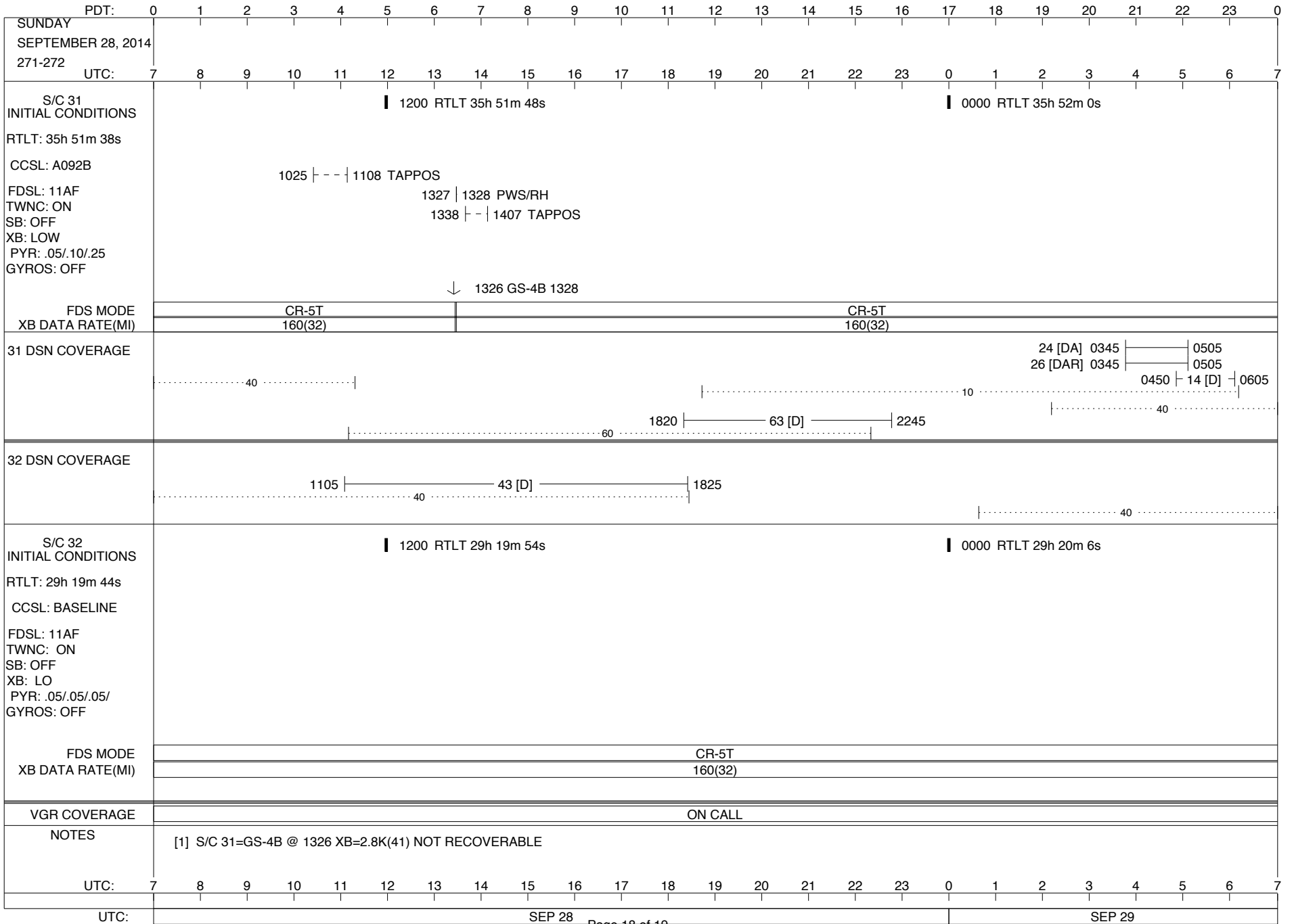


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S/C 31 INITIAL CONDITIONS RTLT: 35h 52m 0s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 52m 12s																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<p>..... 40 ..... |</p> <p>..... 60 ..... | 1840 |----- 63 [D] -----| 2240</p>																										
32 DSN COVERAGE	<p>1305 |----- 34 [D] -----| 1525</p> <p>1505 |----- 43 [D] -----| 1705</p> <p>..... 40 ..... |</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 29h 20m 6s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LO PYR: .05/.05/.05/ GYROS: OFF	| 1200 RTLT 29h 20m 16s																										
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 29													SEP 30													