

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: January 21, 2015

For the Period: 01/22/15 to 02/16/15 (15-022 – 15-047)

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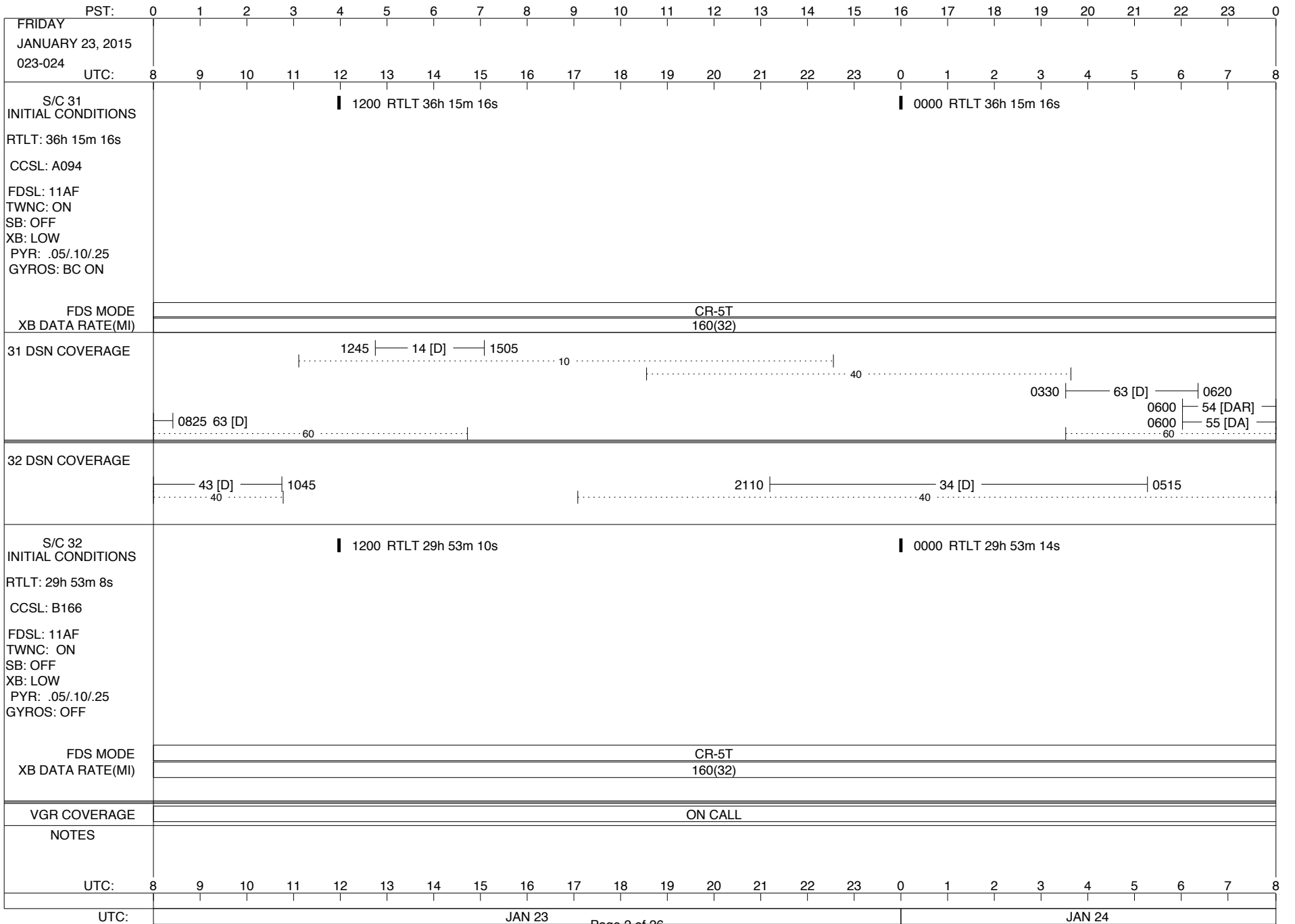
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U =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

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

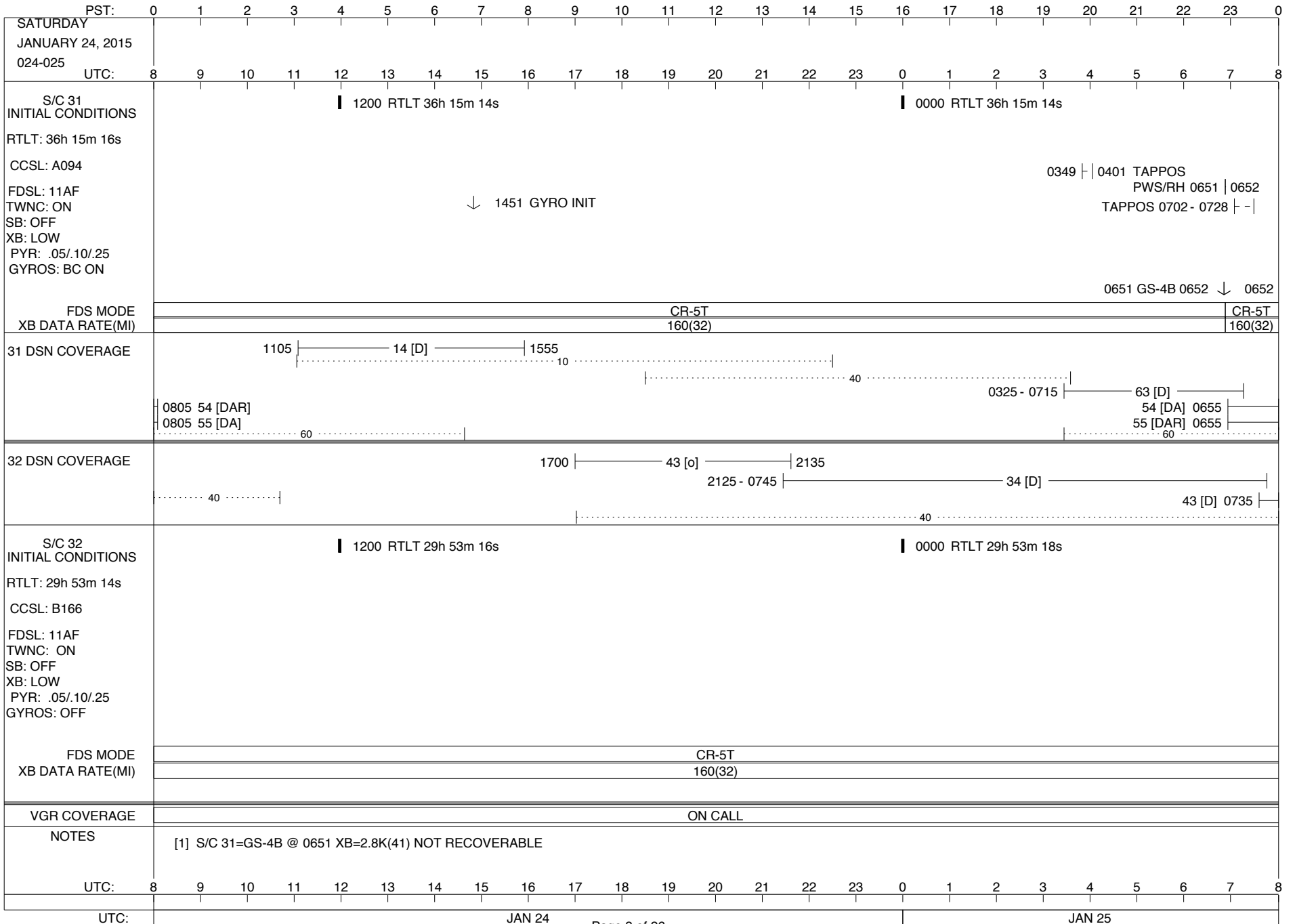
ISSUE DATE: 02/05/15 08:14

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S/C 31 INITIAL CONDITIONS RTLTL: 36h 15m 16s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON					█ 1200 RTLTL 36h 15m 16s																					█ 0000 RTLTL 36h 15m 16s	
FDS MODE	CR-5T											CR-5T															
XB DATA RATE(MI)	160(32)											160(32)															
31 DSN COVERAGE					1110																						
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLTL: 29h 53m 2s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF																											
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 @ 0351 XB=2.8K(41) NOT RECOVERABLE																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8		
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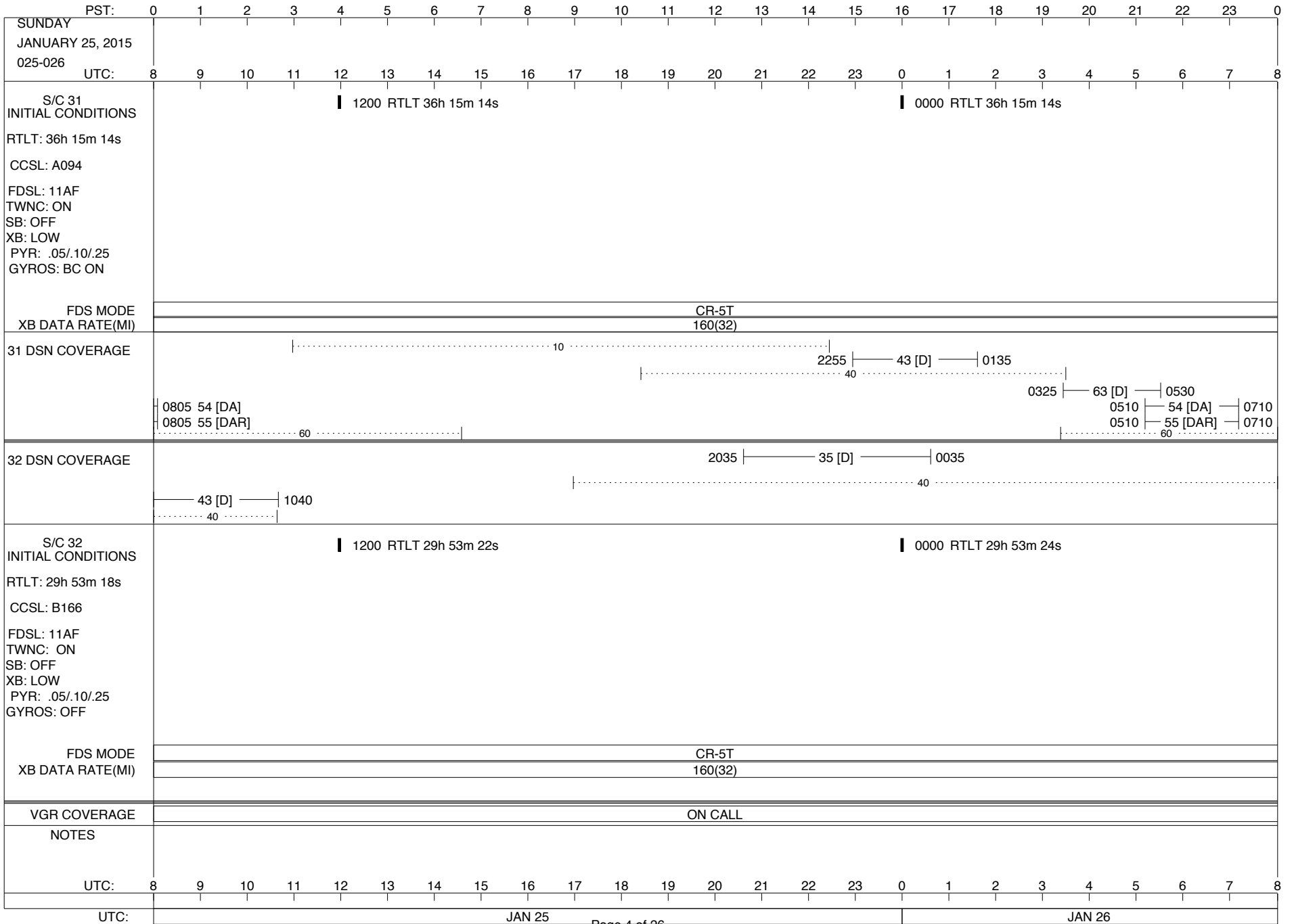
ISSUE DATE: 02/05/15 08:14

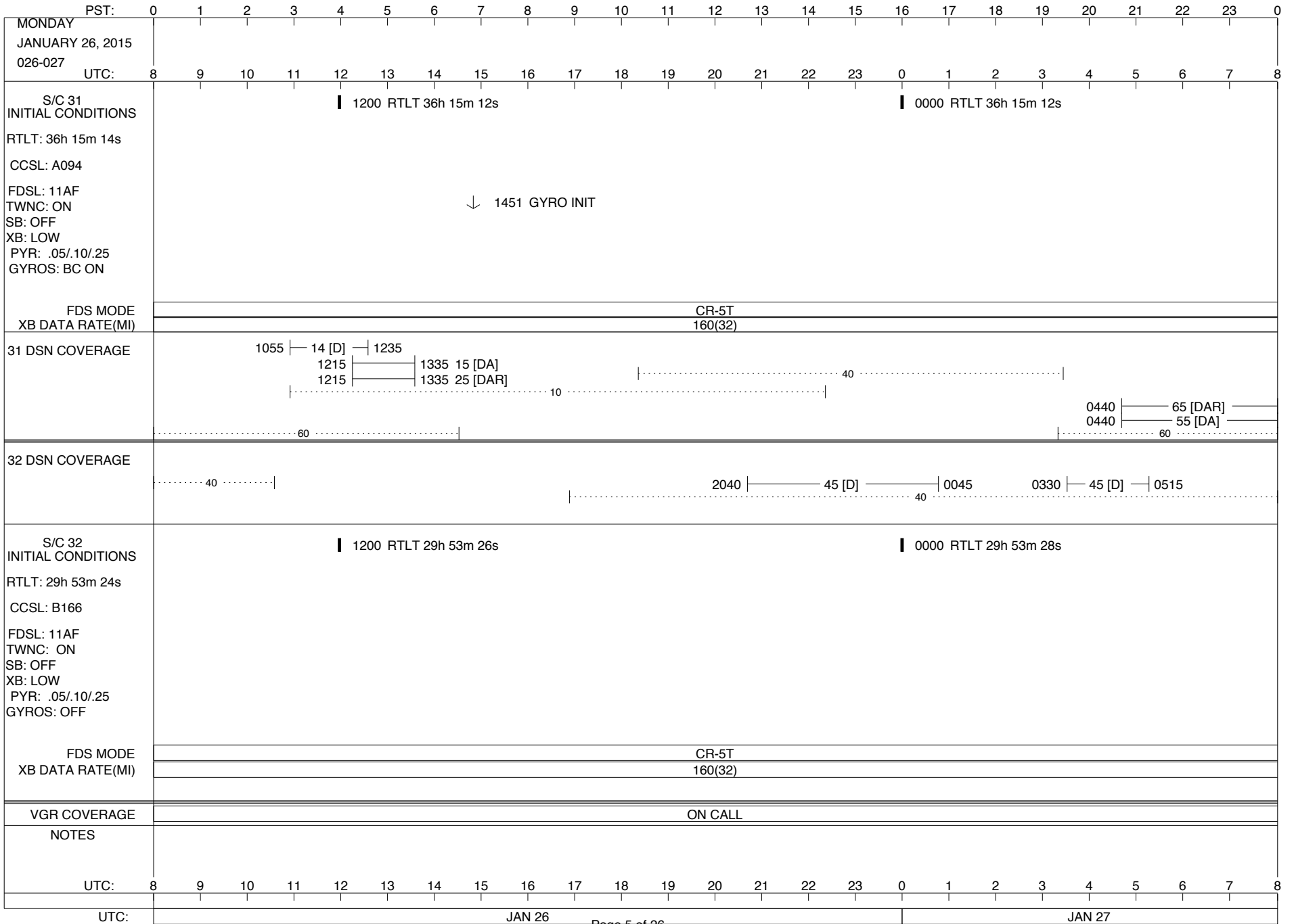


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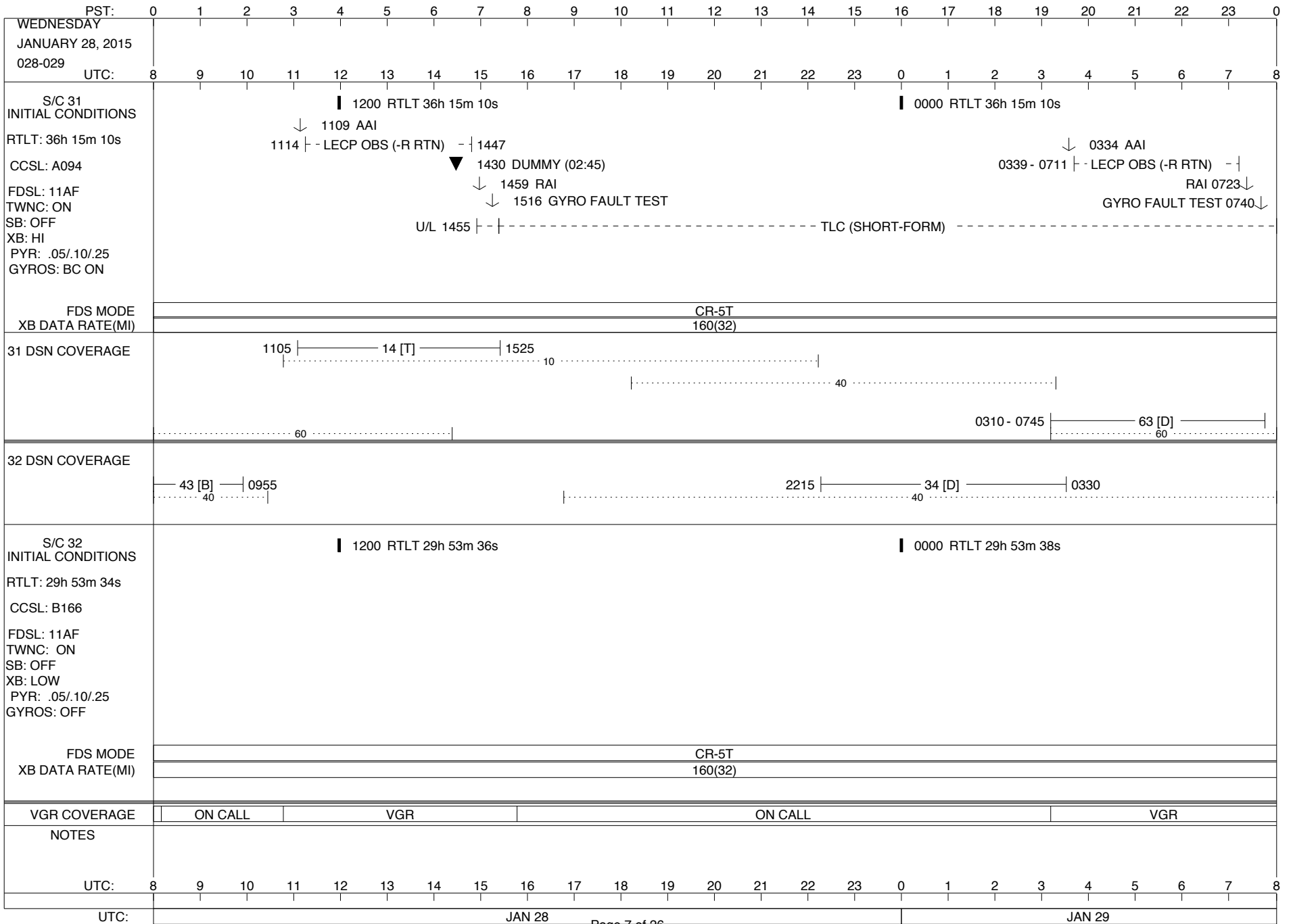
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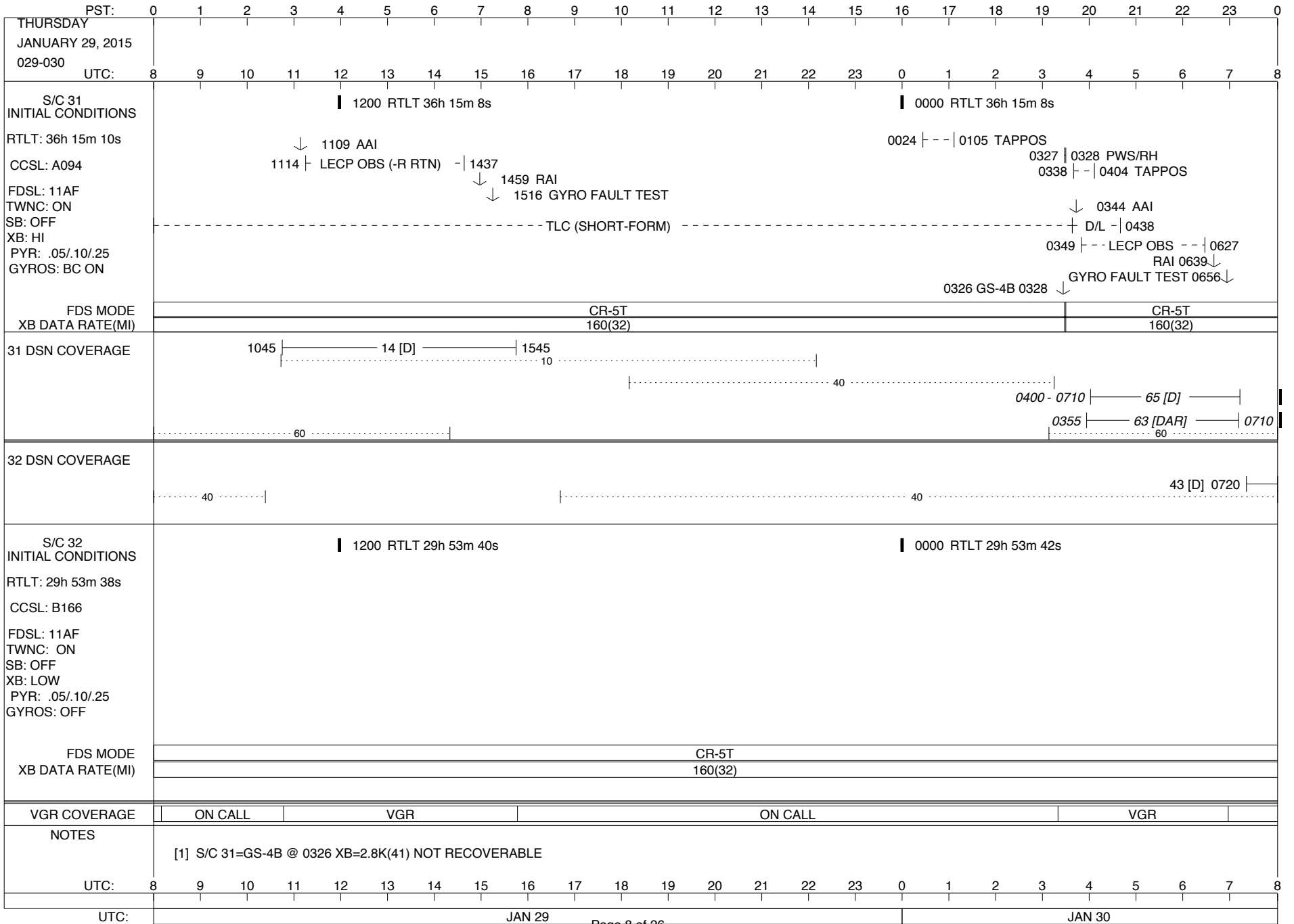


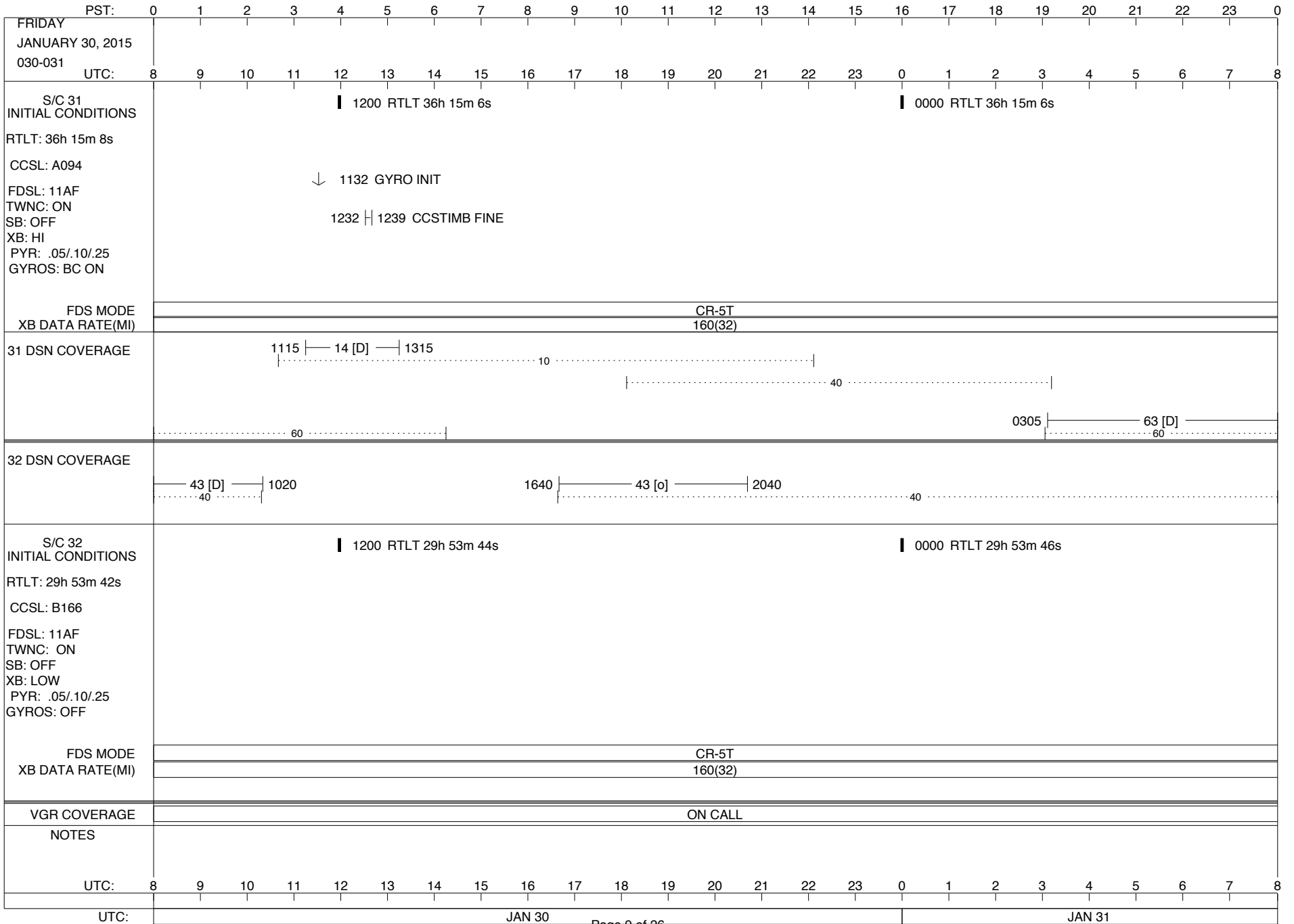
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TUESDAY JANUARY 27, 2015 027-028																									
		UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0												1 2 3 4 5 6 7 8											
S/C 31 INITIAL CONDITIONS RTLT: 36h 15m 12s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: BC ON		1200 RTLT 36h 15m 12s ↓ 1105 BAY 1 HTR OFF ↓ 1109 X/B HI POWER ↓ 1137 ALL DB=.05 ↓ 1153 AAI 1153 --- 1230 ASCAL ↓ 1228 RAI ↓ 1230 CRU ↓ 1239 GYRO FAULT TEST ↓ 1239 ROLL=.25 1121 ↓ ↓ 1233 2113 ↓ 2114 PWS/RH 2113 GS-4B 2114												0000 RTLT 36h 15m 10s ↓ 0334 AAI 0339 - 0711 --- LECP OBS (-R RTN) - RAI 0723 ↓ GYRO FAULT TEST 0740 ↓											
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)				EL-40 40(30)				CR-5T 160(32)				CR-5T 160(32)											
31 DSN COVERAGE		1050 --- 14 [D] --- 1310 10 40 --- 0840 65 [DAR] --- 0840 55 [DA] 60												0315 - 0745 --- 63 [D] --- 60											
32 DSN COVERAGE		0910 --- 43 [D] --- 1030 40 40												0545 --- 43 [B] ---											
S/C 32 INITIAL CONDITIONS RTLT: 29h 53m 28s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF		1200 RTLT 29h 53m 30s												0000 RTLT 29h 53m 34s DUMMY (11:56) 0602 ▼											
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)											
VGR COVERAGE		ON CALL				VGR				ON CALL				VGR											
NOTES		[1] S/C 31=D/L /SNR VARIATIONS EXPECTED DURING ASCAL (1153-1230) [2] S/C 31=EL-40 @ 1121 XB=40(30)												[3] S/C 31=CR-5T @ 1233 XB=160(32) [4] S/C 31=GS-4B @ 2113 XB=2.8K(41) NOT RECOVERABLE											
		UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0												1 2 3 4 5 6 7 8											
UTC:		JAN 27												JAN 28											

ISSUE DATE: 02/05/15 08:14



ISSUE DATE: 02/05/15 08:14

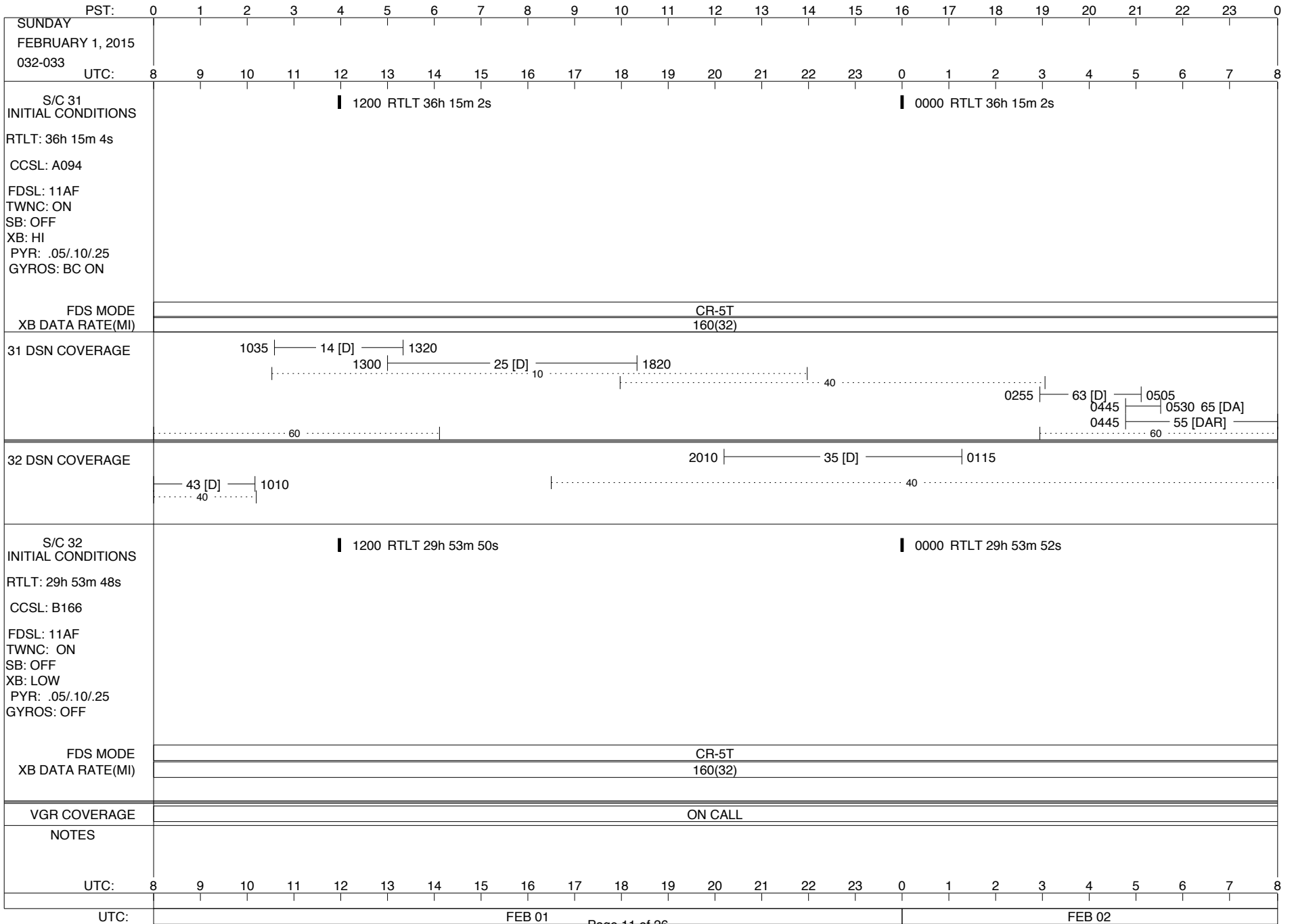




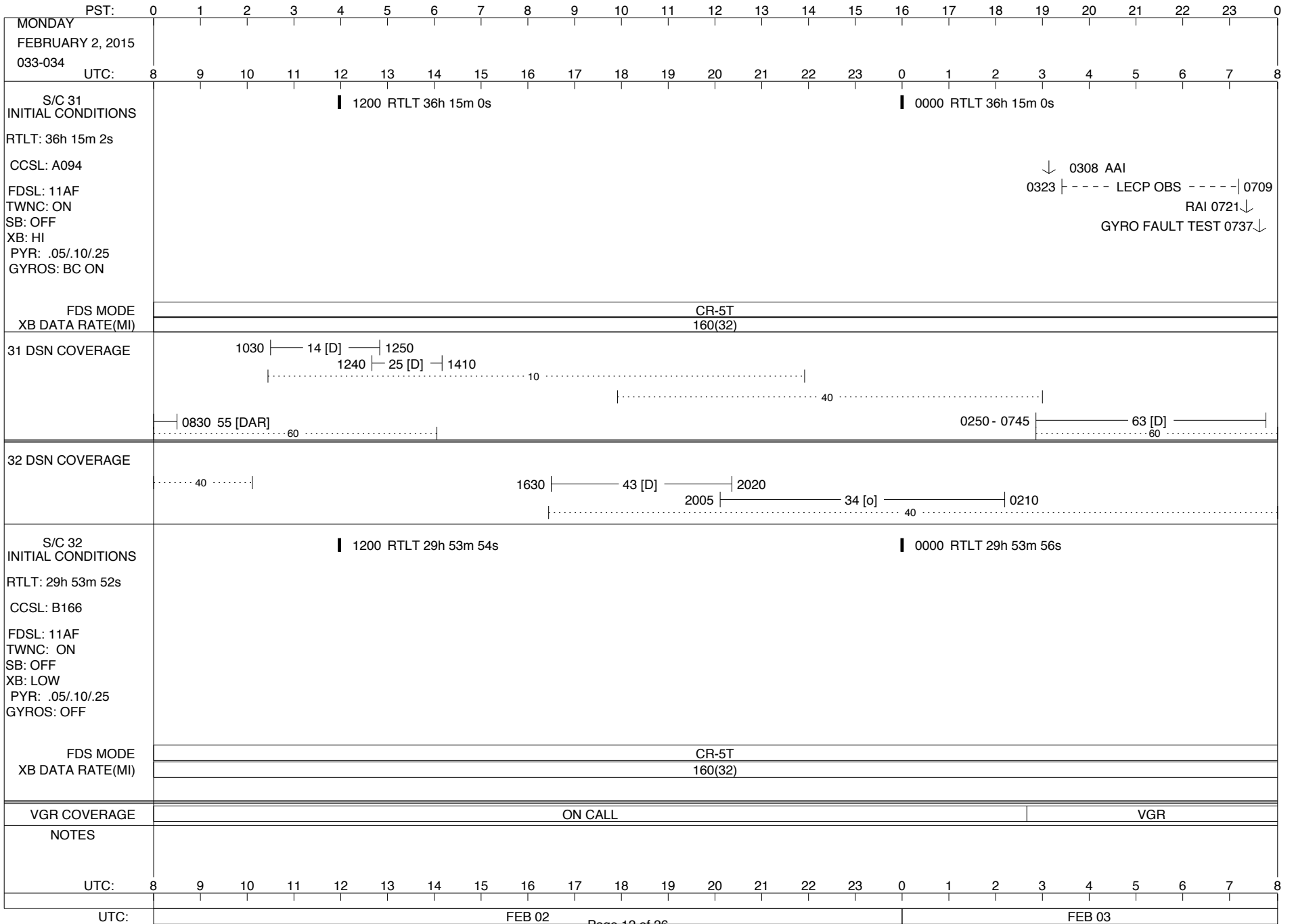
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S/C 31 INITIAL CONDITIONS	1200 RTLT 36h 15m 4s												0000 RTLT 36h 15m 4s												
RTLT: 36h 15m 6s																									
CCSL: A094																									
FDSL: 11AF																									
TWNC: ON																									
SB: OFF																									
XB: HI																									
PYR: .05/.10/.25																									
GYROS: BC ON																									
	0324 - 0351 TAPPOS PWS/RH 0626 0628 TAPPOS 0638 0650																								
	0626 GS-4B 0628 ↓ 0628																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1035 ----- 14 [D] ----- 1515 ----- 10 ----- ----- 40 ----- ----- 60 ----- 0805 63 [D] ----- 60 ----- ----- 60 ----- 0300 - 0715 ----- 63 [D] ----- ----- 60 -----																								
32 DSN COVERAGE	2020 ----- 35 [D] ----- 0205 ----- 40 ----- 1635 ----- 43 [o] ----- 1850 ----- 40 ----- 0645 ----- 43 [D] -----																								
S/C 32 INITIAL CONDITIONS	1200 RTLT 29h 53m 48s												0000 RTLT 29h 53m 48s												
RTLT: 29h 53m 46s																									
CCSL: B166																									
FDSL: 11AF																									
TWNC: ON																									
SB: OFF																									
XB: LOW																									
PYR: .05/.10/.25																									
GYROS: OFF																									
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0626 XB=2.8K(41) NOT RECOVERABLE																								
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
UTC:	JAN 31												FEB 01												

ISSUE DATE: 02/05/15 08:14



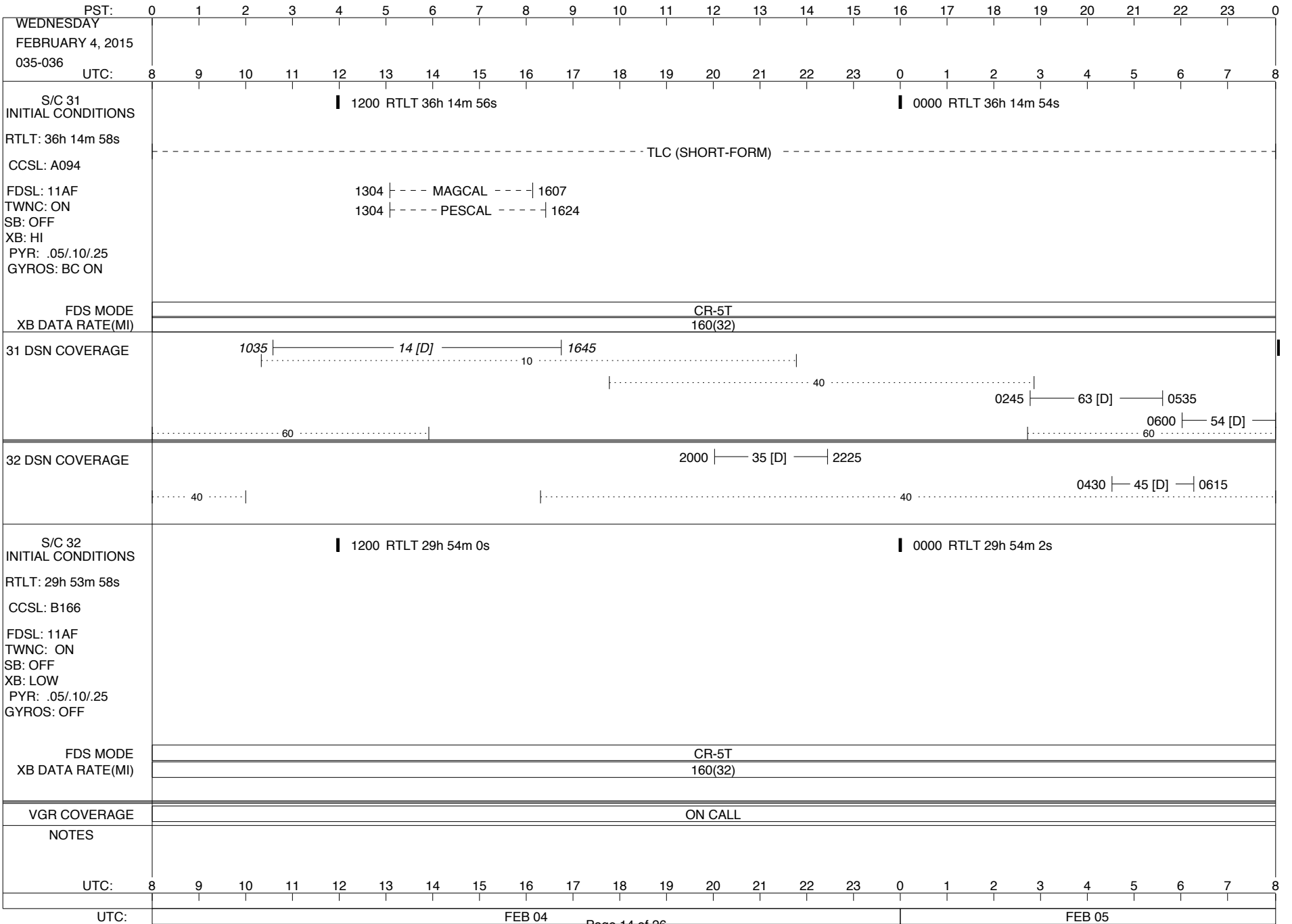
ISSUE DATE: 02/05/15 08:14



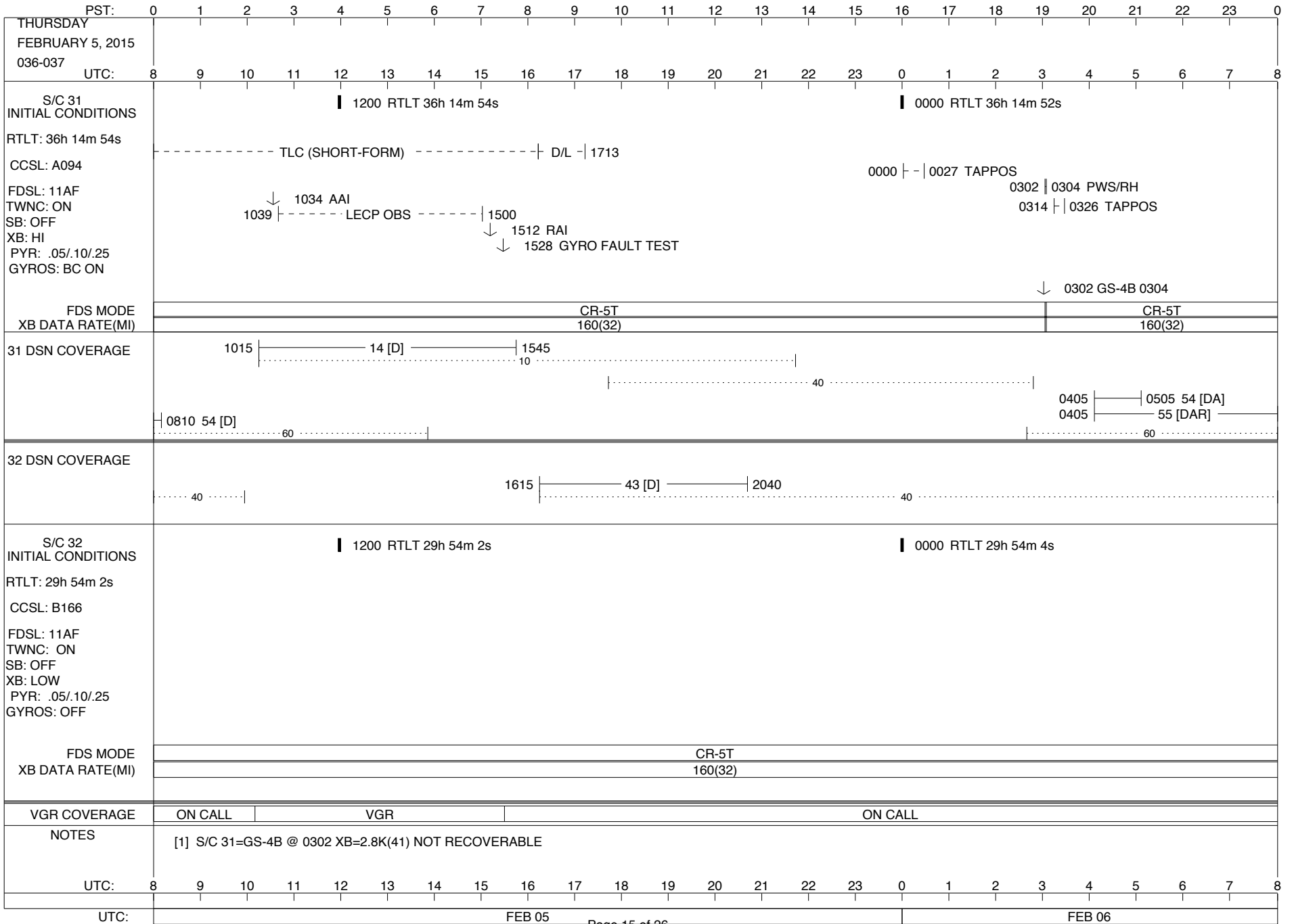
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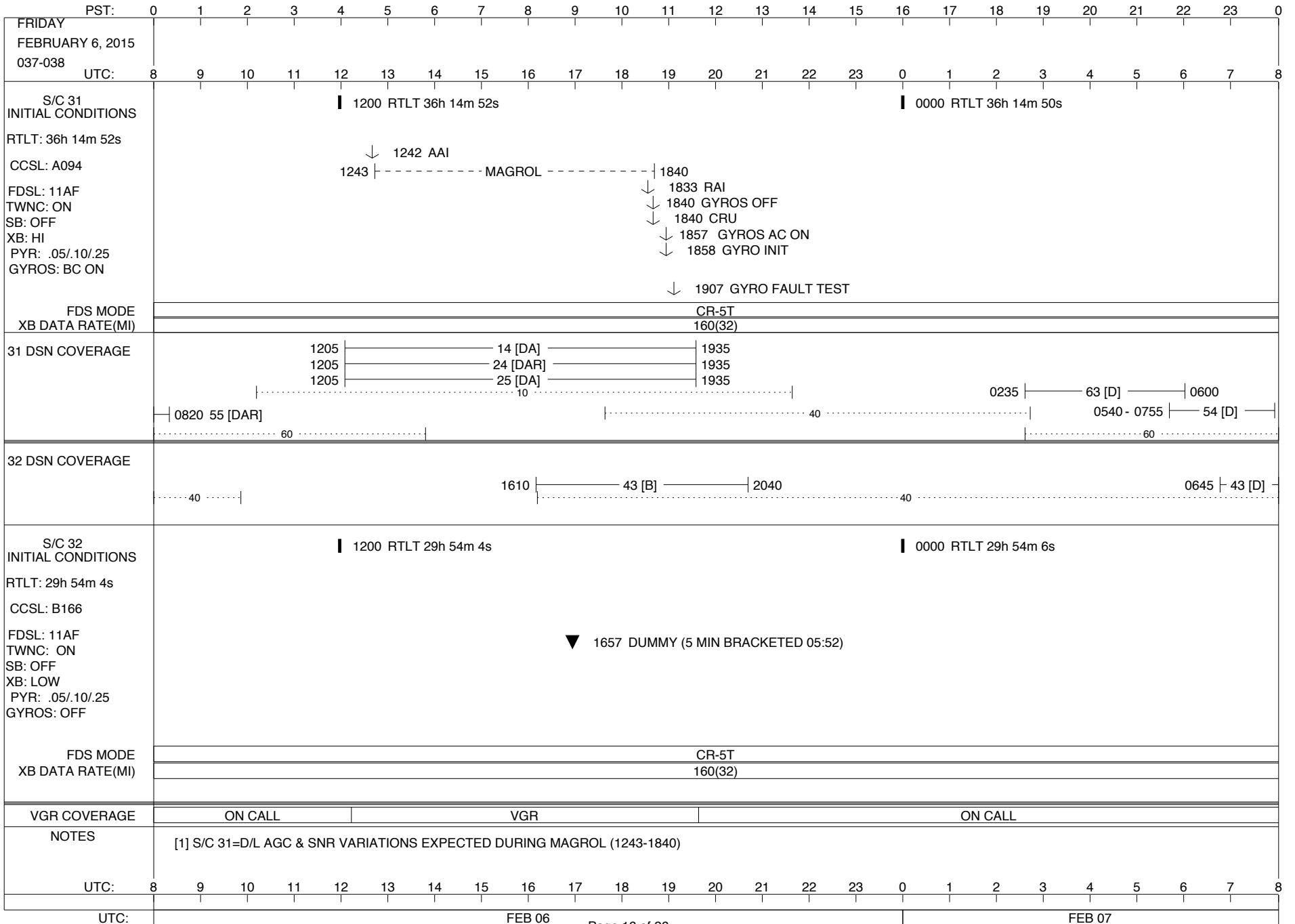
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TUESDAY																												
FEBRUARY 3, 2015																												
034-035																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS	█ 1200 RTLT 36h 14m 58s														█ 0000 RTLT 36h 14m 58s													
RTLT: 36h 15m 0s																												
CCSL: A094																												
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: HI																												
PYR: .05/.10/.25																												
GYROS: BC ON																												
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
31 DSN COVERAGE	<p>.....10.....</p> <p>.....40.....</p> <p>0250 ----- 63 [T] ----- 0535</p> <p>0515 - 0745 ----- 55 [D] ----- </p> <p>.....60.....60.....</p>																											
32 DSN COVERAGE	<p>.....40.....40.....</p> <p>0150 ----- 45 [D] ----- 0600</p>																											
S/C 32 INITIAL CONDITIONS	█ 1200 RTLT 29h 53m 56s														█ 0000 RTLT 29h 53m 58s													
RTLT: 29h 53m 56s																												
CCSL: B166																												
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.10/.25																												
GYROS: OFF																												
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	ON CALL																											
NOTES	[1] S/C 31=GS-4B @ 2049 XB=2.8K(41) NOT RECOVERABLE																											
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
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ISSUE DATE: 02/05/15 08:14

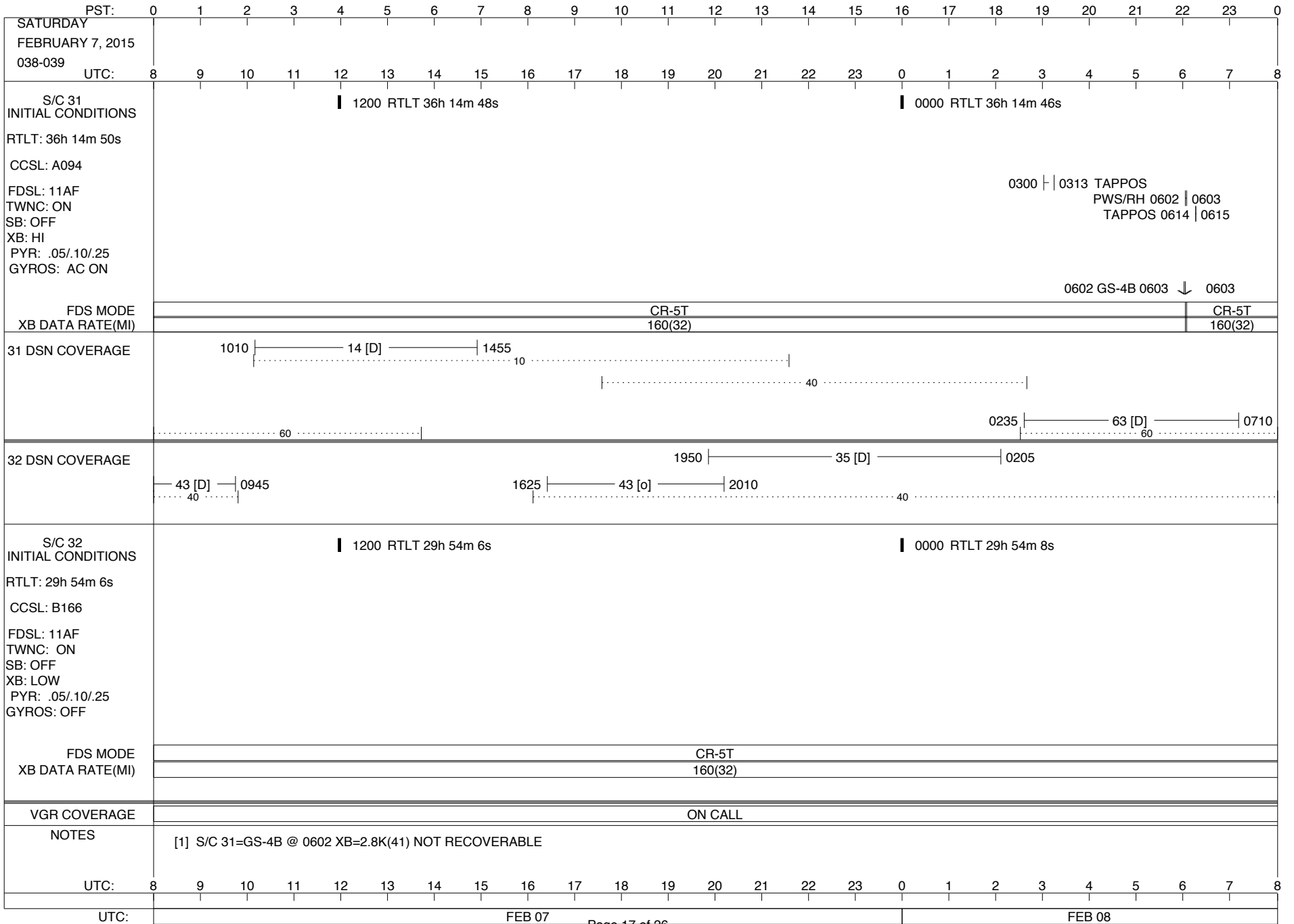


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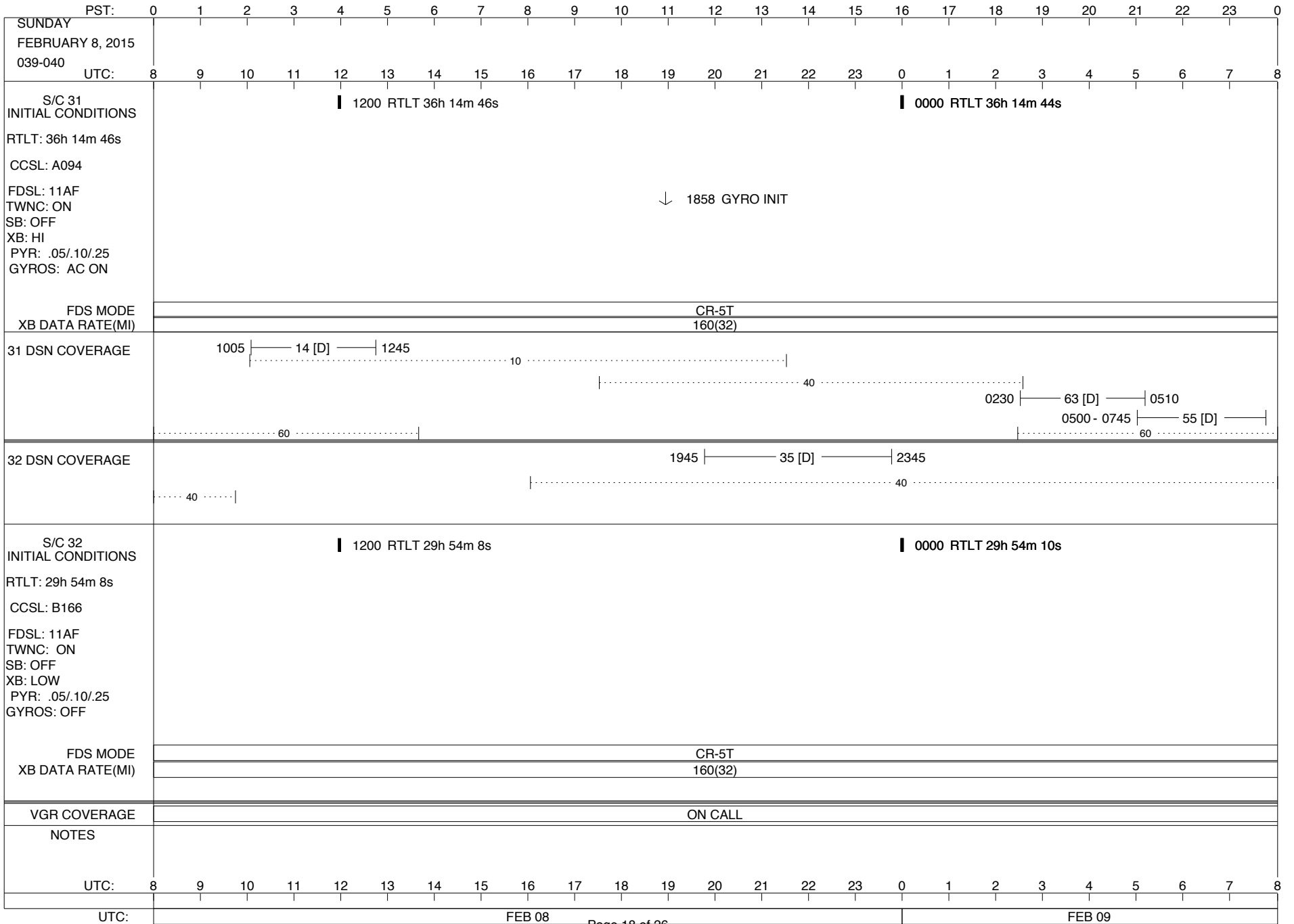




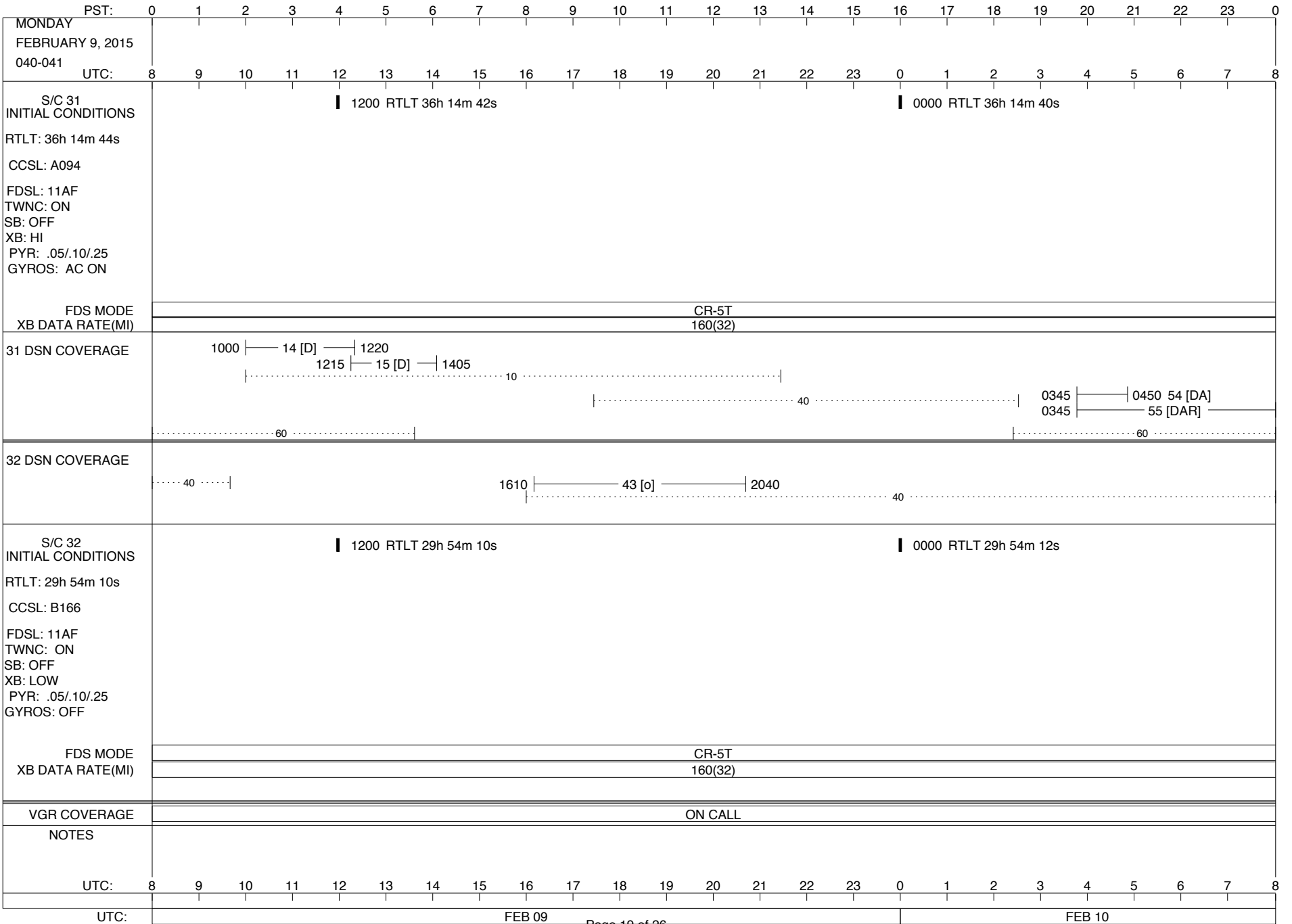
ISSUE DATE: 02/05/15 08:14



ISSUE DATE: 02/05/15 08:14



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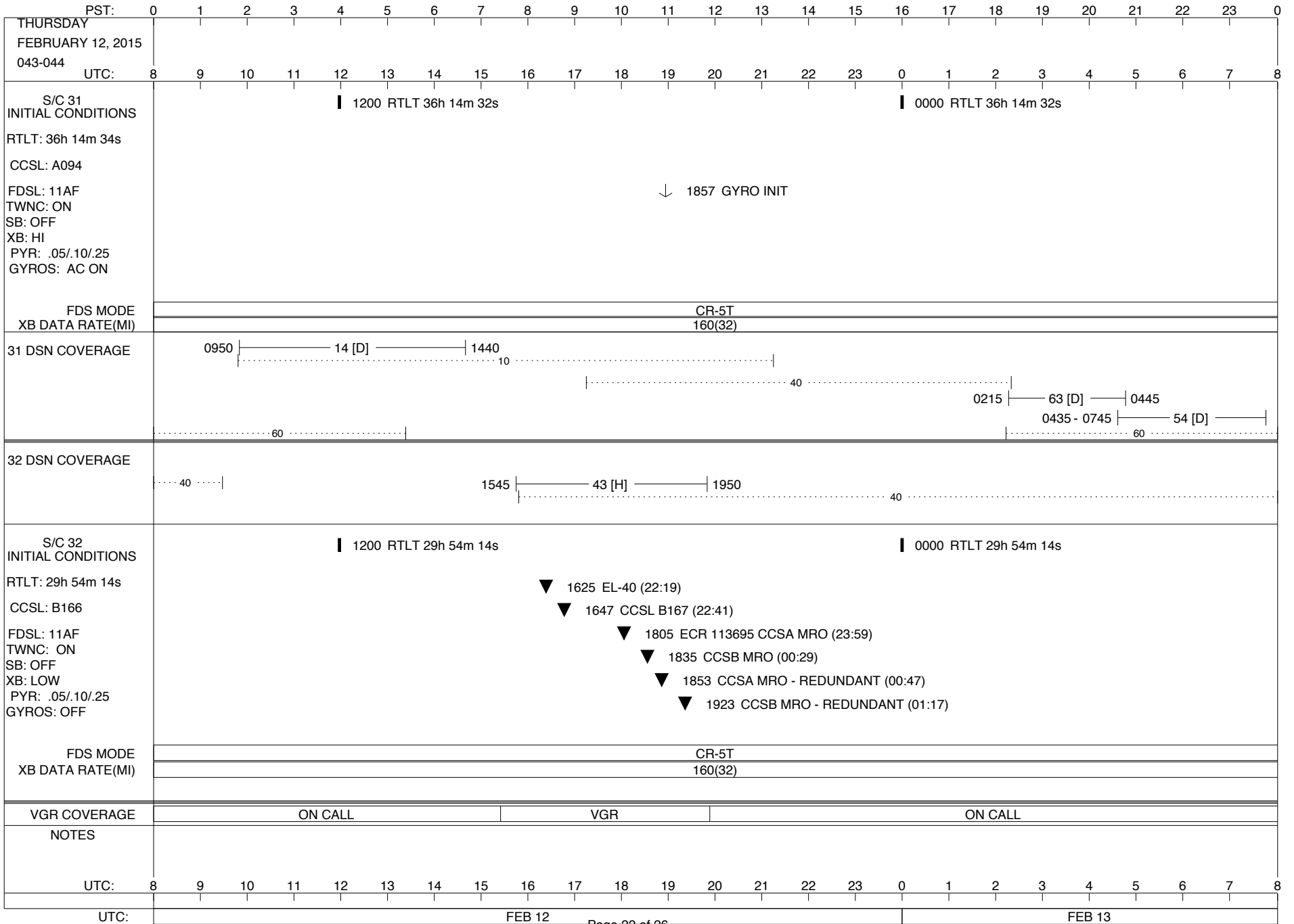
ISSUE DATE: 02/05/15 08:14

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TUESDAY FEBRUARY 10, 2015 041-042																									
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FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	1300 ----- 14 [T] ----- 1545 ----- 10 -----												----- 40 ----- 0805 55 [DAR] ----- 60 ----- 0220 ----- 63 [D] ----- 0505 ----- 0500 ----- 55 [D] ----- 0620 ----- 60 -----												
32 DSN COVERAGE	----- 40 -----												2325 ----- 35 [D] ----- 0315 ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 29h 54m 12s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLTL 29h 54m 12s												█ 0000 RTLTL 29h 54m 12s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL												VGR												
NOTES	[1] S/C 31=GS-4B @ 2025 XB=2.8K(41) NOT RECOVERABLE																								
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
UTC:	FEB 10												FEB 11												

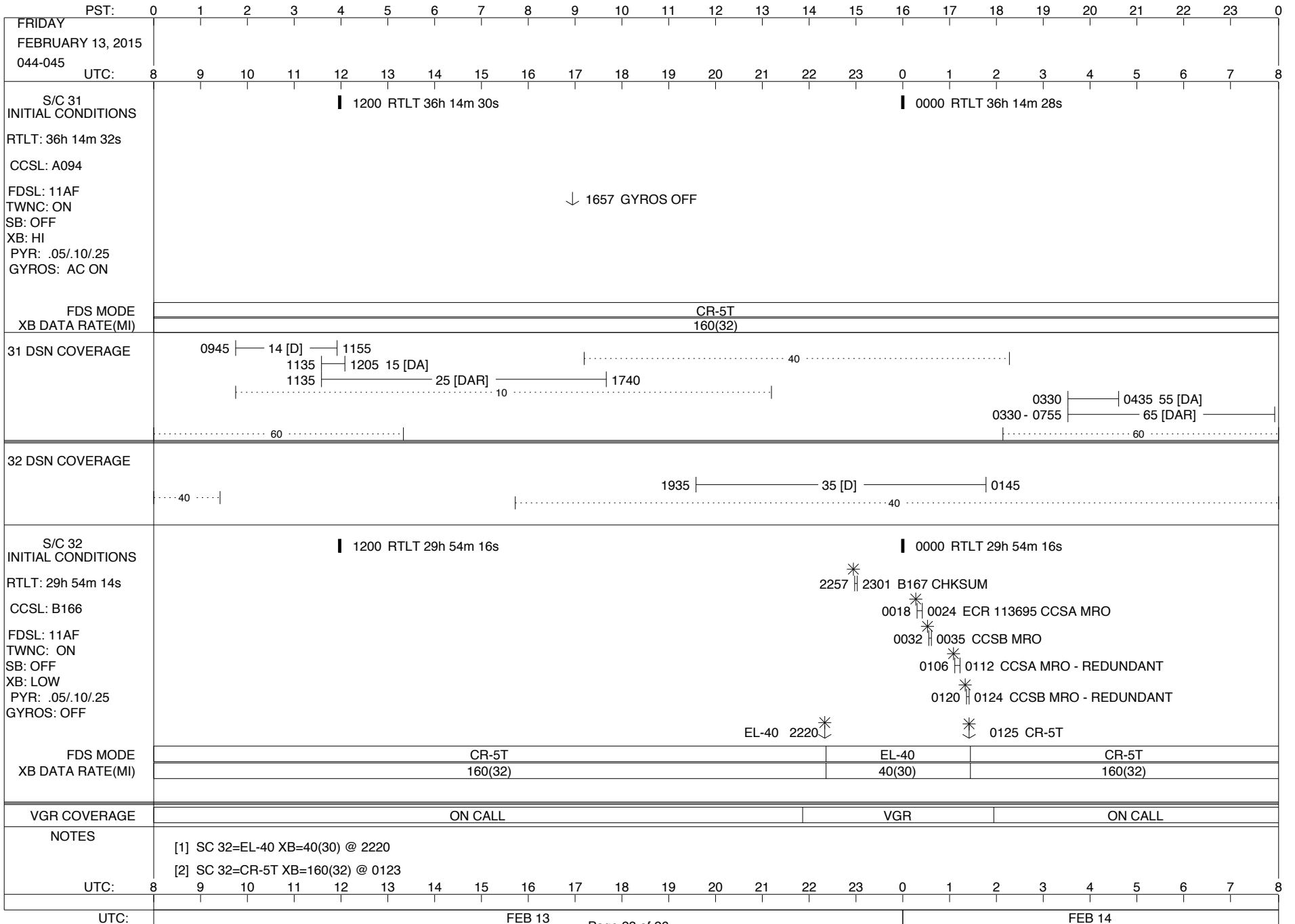
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UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLT: 36h 14m 38s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: AC ON					█ 1200																█ 0000					
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE					0955																					
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS RTLT: 29h 54m 12s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF																										
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE													ON CALL													
NOTES																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
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ISSUE DATE: 02/05/15 08:14



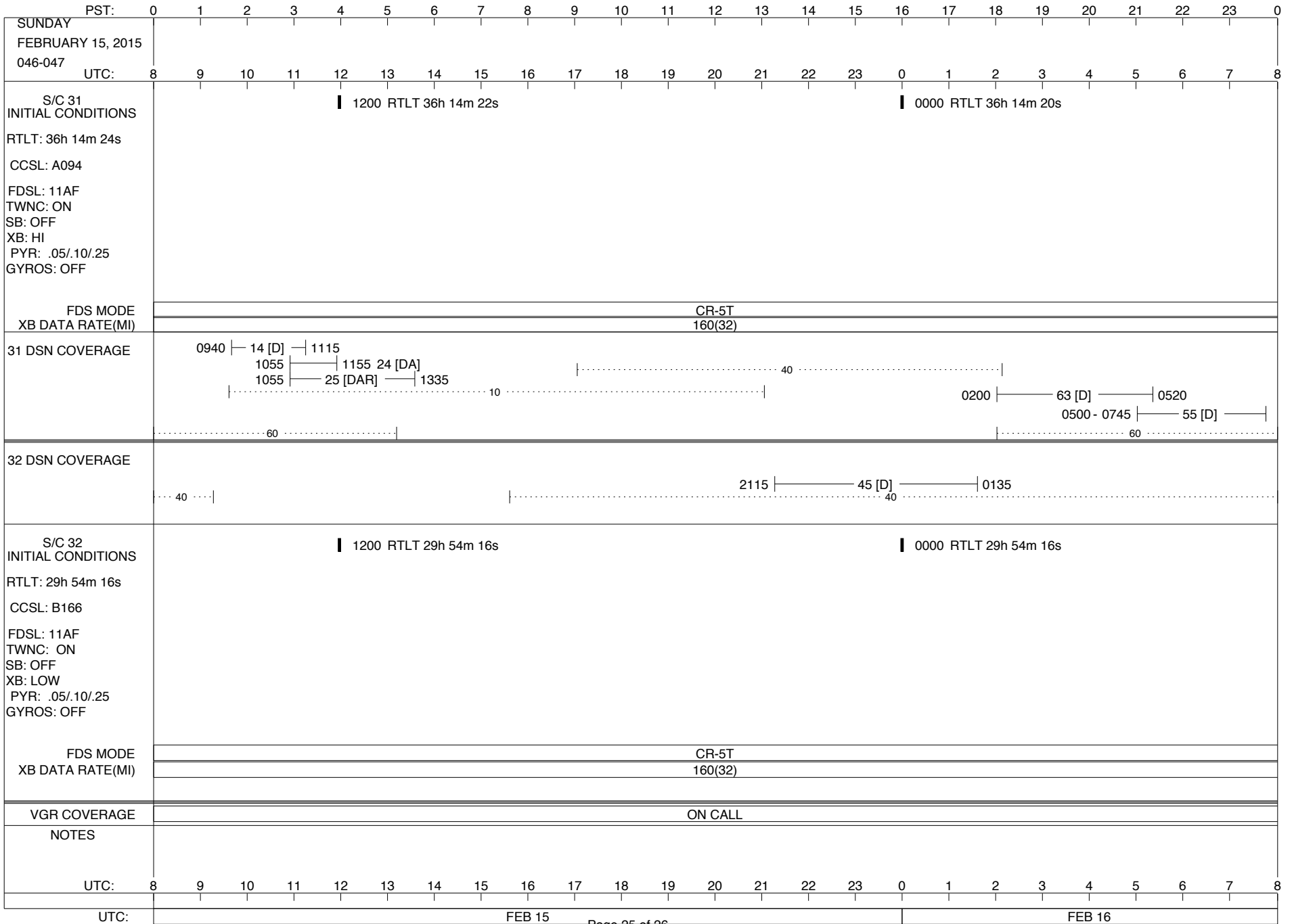
ISSUE DATE: 02/05/15 08:14



ISSUE DATE: 02/05/15 08:14

PST: 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 FEBRUARY 14, 2015 045-046	
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8	
S/C 31 INITIAL CONDITIONS RTLTL: 36h 14m 28s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1200 RTLTL 36h 14m 26s</p> </div> <div style="width: 45%;"> <p>0000 RTLTL 36h 14m 24s</p> </div> </div>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
31 DSN COVERAGE	
32 DSN COVERAGE	
S/C 32 INITIAL CONDITIONS RTLTL: 29h 54m 16s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1200 RTLTL 29h 54m 16s</p> </div> <div style="width: 45%;"> <p>0000 RTLTL 29h 54m 16s</p> </div> </div>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
VGR COVERAGE	ON CALL
NOTES	[1] B167 BACKUP U/L TRACK
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8	
UTC: FEB 14 FEB 15	

ISSUE DATE: 02/05/15 08:14



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PST:	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 FEBRUARY 16, 2015 047-048																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 36h 14m 20s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 36h 14m 18s</p> </div>																								
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	<div style="text-align: center;"> <p>0935 14 [D] 1200 10</p> </div>																								
32 DSN COVERAGE	<div style="text-align: center;"> <p>..... 40 1555 43 [D] 1810</p> </div>																								
S/C 32 INITIAL CONDITIONS RTLT: 29h 54m 16s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 29h 54m 16s</p> </div>																								
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	ON CALL																								
NOTES																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
UTC:	FEB 16												FEB 17												