

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: January 16, 2019

For the Period: 01/17/19 to 02/04/19 (19/017 – 19/035)

DSN OPSCHIEF	230-102	SCIENCE	FLIGHT TEAM	600-100
DSOT	230-102	CRS bryant@mail630.gsfc.nasa.gov LECP r.decker@jhuapl.edu MAG u2mha@lepvax.gsfc.nasa.gov PLS vgr@space.mit.edu PWS wsk@space.physics.uiowa.edu Leonard.F.Burlaga@nasa.gov Donald-Gurnett@uiowa.edu	Dodd, S. Hall, J. Howard, S. Ko, A. Ledeboer, W. Ludwig, R. Matsumoto, S. Medina, E. Peralta, F. Weeks, T. Yang, L.	

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

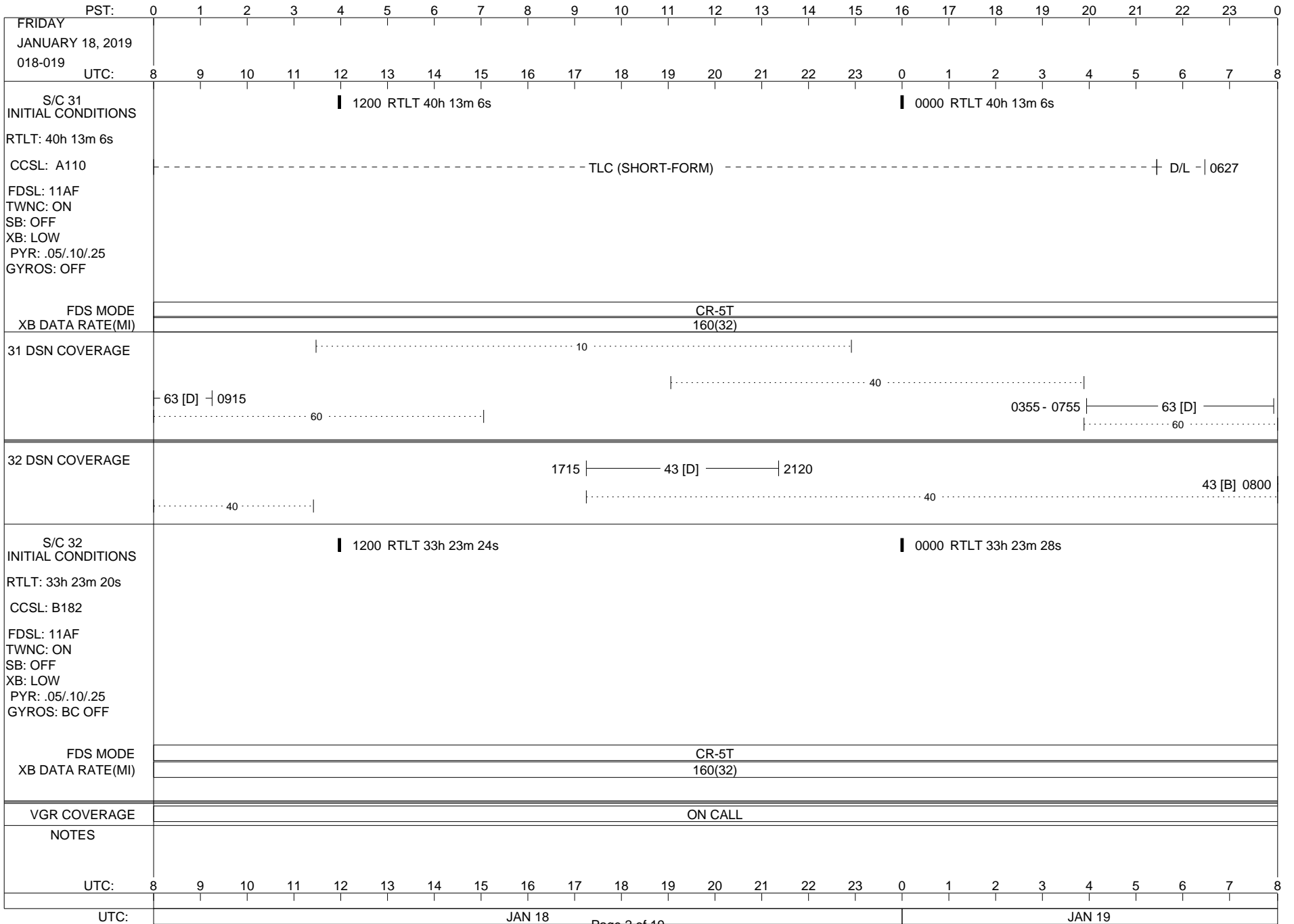
Posted at http://voyager.jpl.nasa.gov/mission/soesfos/tracking_schedule.html

02/27/17

ISSUE DATE: 01/23/19 09:44

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S/C 31 INITIAL CONDITIONS RTLTL: 40h 13m 6s CCSL: A110 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 40h 13m 6s														0000 RTLT 40h 13m 6s													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)														CR-5T 160(32)													
31 DSN COVERAGE		1150 ----- 14 [T] ----- 1625 ----- 10 ----- ----- 40 ----- 60 ----- 63 [D] ----- ----- 60 -----														0111 0113 TAPPOS 0413 0415 PWS/RH 0425 0437 TAPPOS ↓ 0413 GS-4B 0415													
32 DSN COVERAGE		40 ----- 1128 -----														1850 ----- 34 [DAR] ----- 2220 1850 ----- 36 [DA] ----- 2220 ----- 40 -----													
S/C 32 INITIAL CONDITIONS RTLTL: 33h 23m 14s CCSL: B182 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC OFF		1200 RTLT 33h 23m 16s														0000 RTLT 33h 23m 20s													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																											
VGR COVERAGE		ON CALL							VGR							ON CALL													
NOTES		[1] S/C 31=GS-4B @ 0413 XB=2.8K(41) NOT RECOVERABLE																											
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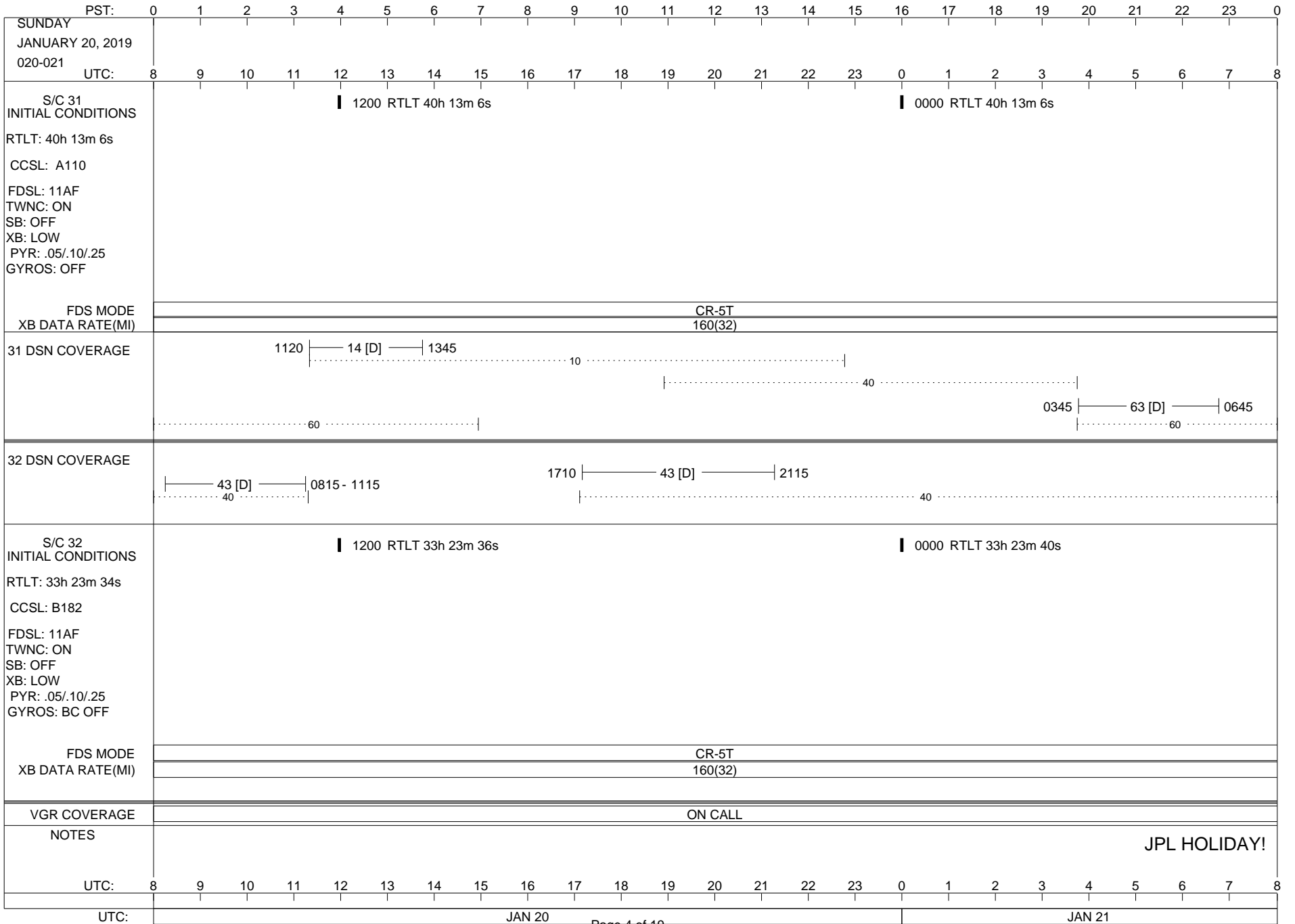
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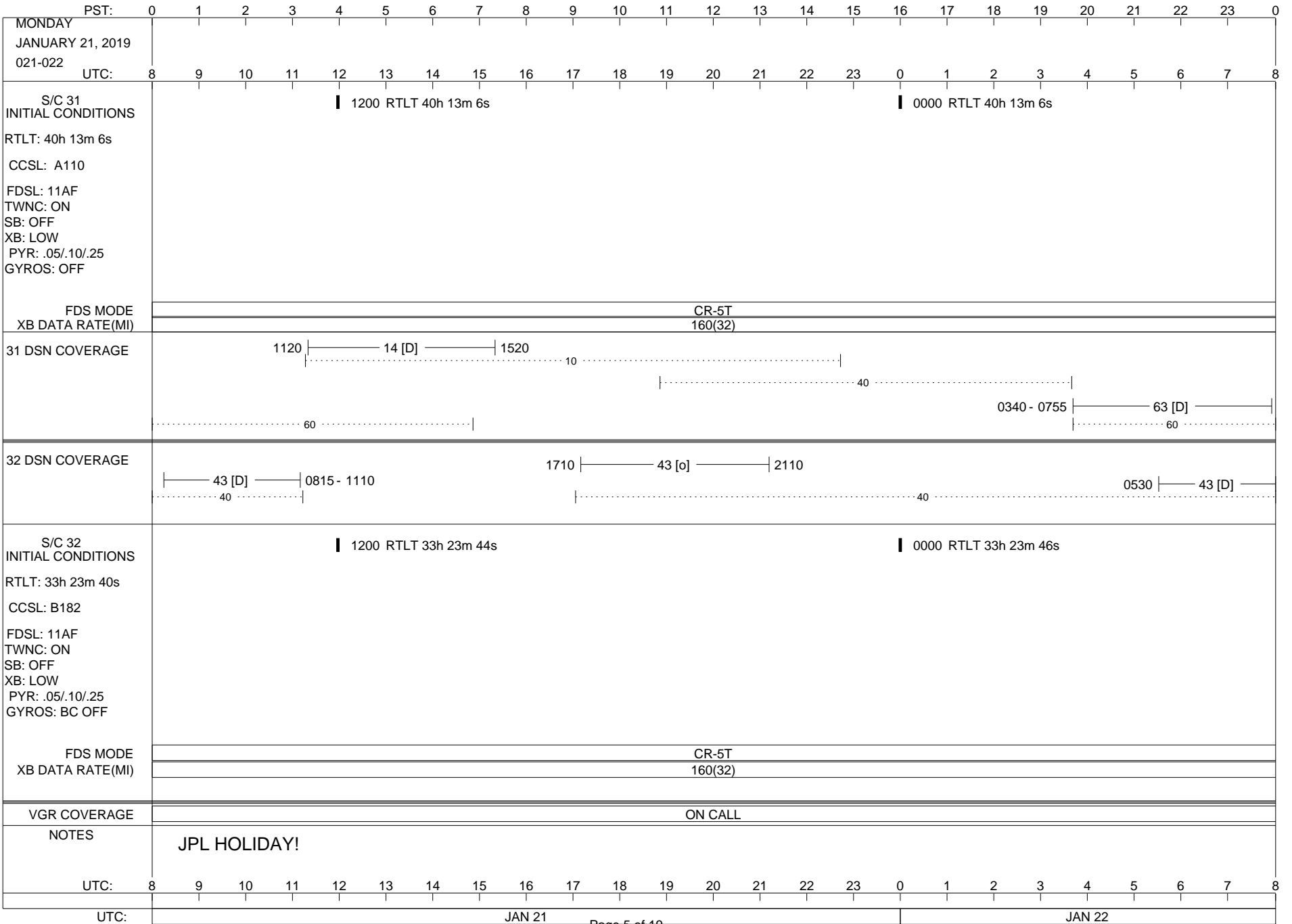
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FDS MODE XB DATA RATE(MI)														CR-5T 160(32)															
31 DSN COVERAGE		<p>1220 14 [D] 1425</p> <p>..... 10</p> <p>..... 40</p> <p>0350 - 0750 63 [D] </p> <p>..... 60</p>																											
32 DSN COVERAGE		<p>43 [B] 0800 - 1115</p> <p>..... 40</p> <p>1715 43 [D] 2115</p> <p>..... 40</p>																											
S/C 32 INITIAL CONDITIONS RTLT: 33h 23m 28s CCSL: B182 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC OFF		1200 RTLT 33h 23m 30s												0000 RTLT 33h 23m 34s															
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)															
VGR COVERAGE		VGR												ON CALL															
NOTES		[1] S/C 31=GS-4B @ 0713 XB=2.8K(41) NOT RECOVERABLE																											
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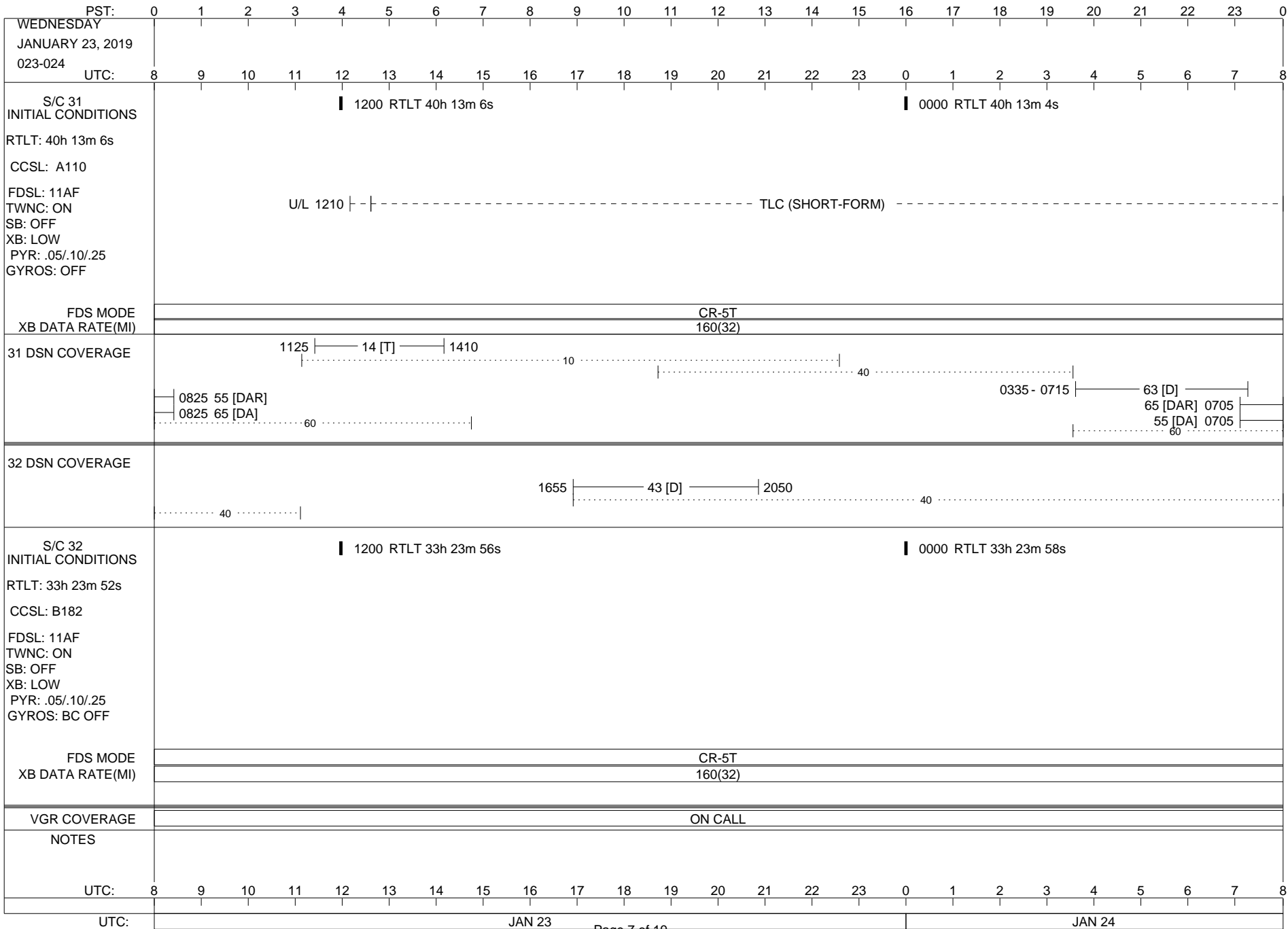


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TUESDAY																													
JANUARY 22, 2019																													
022-023																													
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S/C 31 INITIAL CONDITIONS		1200 RTLT 40h 13m 6s														0000 RTLT 40h 13m 6s													
RTLT: 40h 13m 6s																													
CCSL: A110																													
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)													
31 DSN COVERAGE																													
32 DSN COVERAGE																													
S/C 32 INITIAL CONDITIONS		1200 RTLT 33h 23m 50s														0000 RTLT 33h 23m 52s													
RTLT: 33h 23m 46s																													
CCSL: B182																													
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/.10/.25																													
GYROS: BC 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 @ 2136 XB=2.8K(41) NOT RECOVERABLE																											
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S/C 31 INITIAL CONDITIONS RTLTL: 40h 13m 4s CCSL: A110 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 40h 13m 4s												0000 RTLTL 40h 13m 4s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	1120 ----- 14 ----- 1545 ----- 10 ----- 40 ----- 0820 65 [DAR] 0820 55 [DA] ----- 60 -----												0335 - 0735 ----- 63 [D] ----- ----- 60 -----												
32 DSN COVERAGE	1655 ----- 43 [D] ----- 2055 ----- 40 ----- 40 -----																								
S/C 32 INITIAL CONDITIONS RTLTL: 33h 23m 58s CCSL: B182 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC OFF	1200 RTLTL 33h 24m 0s												0000 RTLTL 33h 24m 4s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL				VGR				ON CALL																
NOTES	[1] S/C 31=GS-4B @ 0349 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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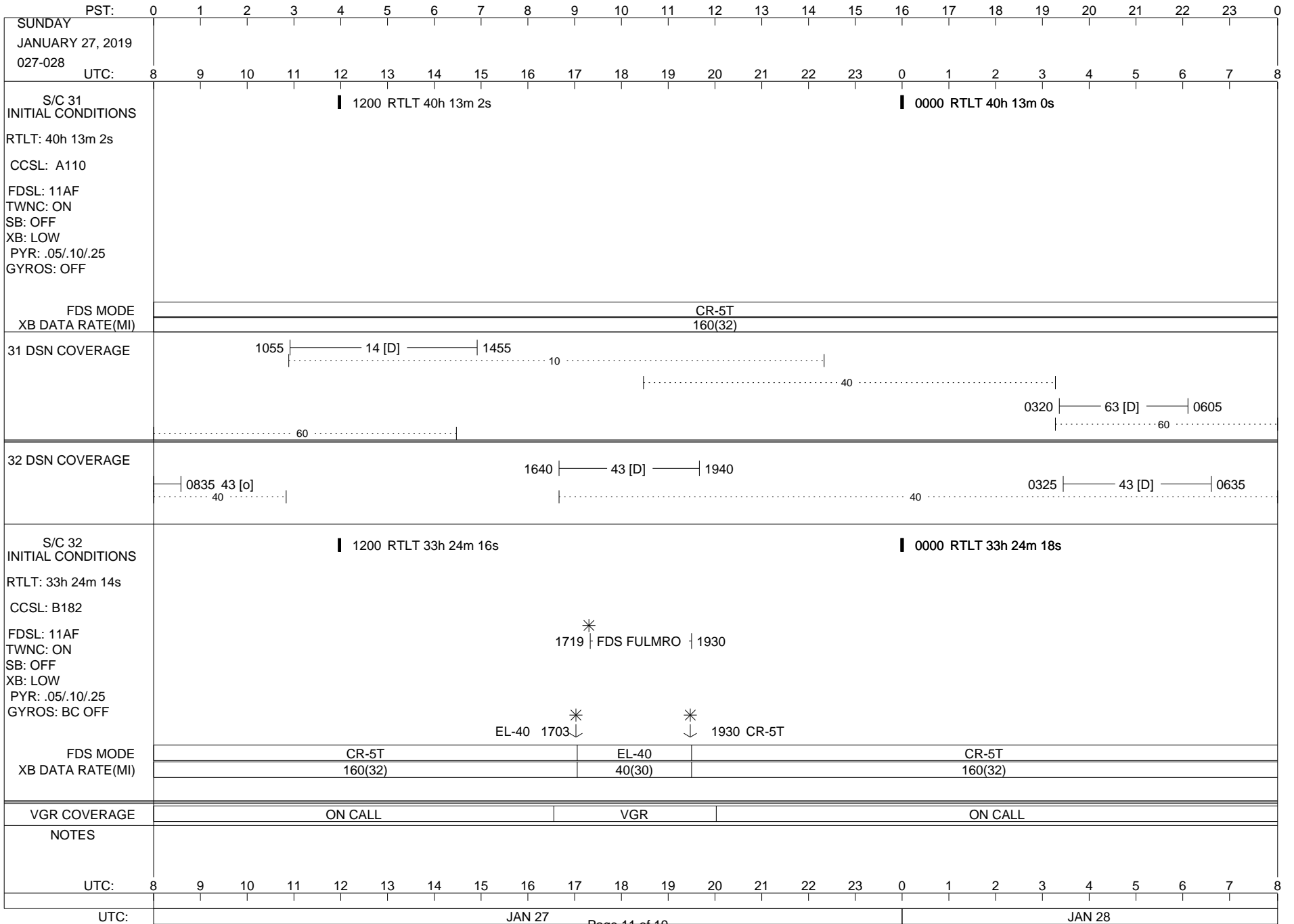
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FRIDAY JANUARY 25, 2019 025-026																												
S/C 31 INITIAL CONDITIONS RTLT: 40h 13m 4s CCSL: A110 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 40h 13m 4s														0000 RTLT 40h 13m 4s													
FDS MODE	CR-5T														40(30)				160(32)									
XB DATA RATE(MI)															EL-40				CR-5T									
31 DSN COVERAGE	<p>1250 14 [D] 1350</p> <p>60</p> <p>10</p> <p>40</p> <p>0325</p> <p>63 [D] 0625</p> <p>0615 - 0750 55 [DAR]</p> <p>0615 - 0750 65 [DA]</p> <p>60</p>																											
32 DSN COVERAGE	<p>40</p> <p>1650 43 [Bo] 2050</p> <p>40</p> <p>43 [H] 0720</p>																											
S/C 32 INITIAL CONDITIONS RTLT: 33h 24m 4s CCSL: B182 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC OFF	1200 RTLT 33h 24m 6s														0000 RTLT 33h 24m 8s													
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	ON CALL							VGR							ON CALL							VGR						
NOTES	<p>[1] S/C 31=EL-40 @ 0433 XB=40(30)</p> <p>[2] S/C 31=CR-5T @ 0606 XB=160(32)</p>																											
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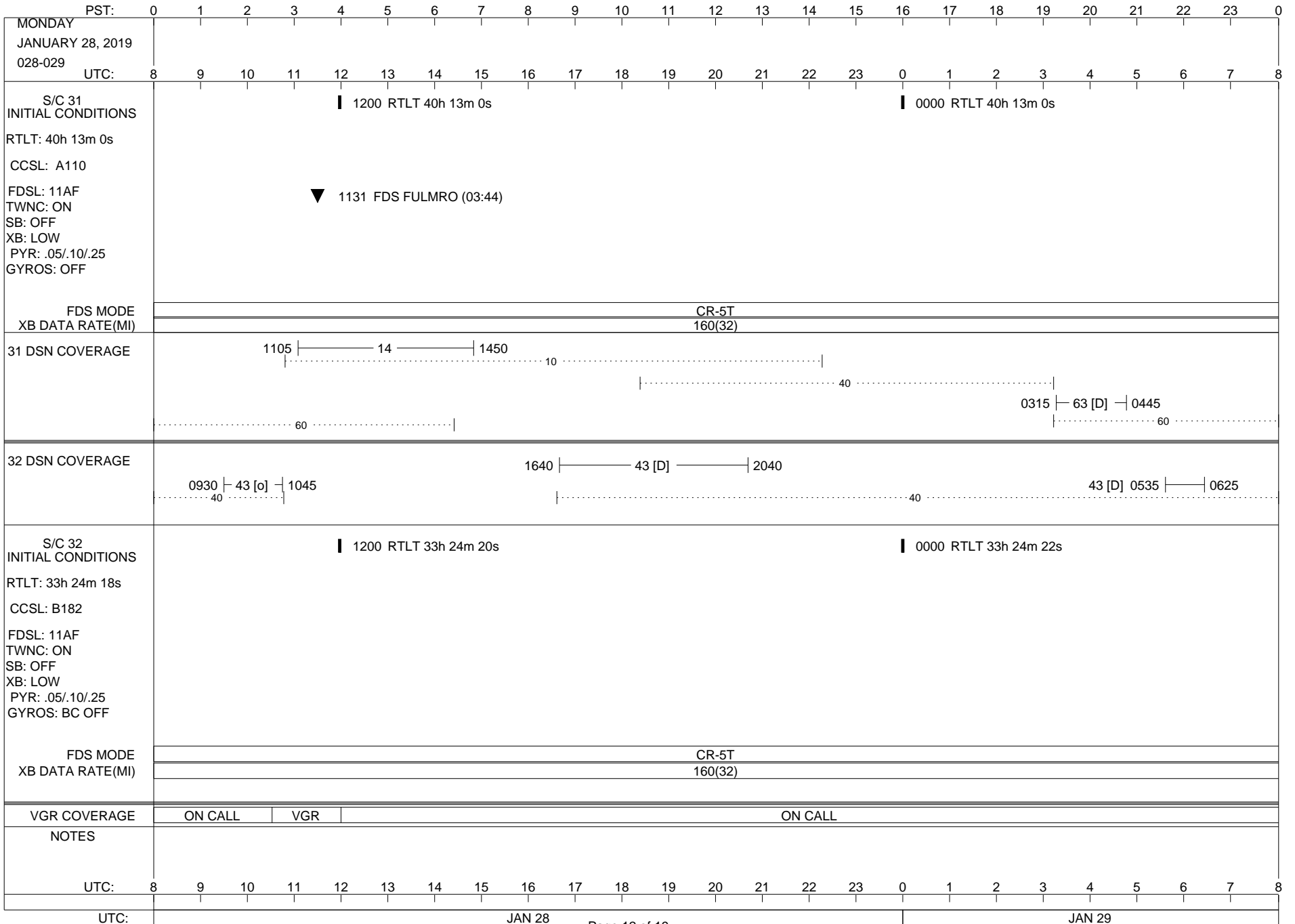
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S/C 31 INITIAL CONDITIONS RTLTL: 40h 13m 4s CCSL: A110 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 40h 13m 2s												0000 RTLTL 40h 13m 2s												
FDS MODE	160(32)												CR-5T												
XB DATA RATE(MI)	CR-5T												160(32)												
31 DSN COVERAGE	1100 ----- 14 [D] ----- 1500 ----- 10 ----- ----- 40 -----												0320 ----- 63 [D] ----- 0620 ----- 60 -----												
32 DSN COVERAGE	43 [H] ----- 1050 ----- 40 -----												0245 ----- 43 [o] ----- ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 33h 24m 8s CCSL: B182 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC OFF	1200 RTLTL 33h 24m 10s												0000 RTLTL 33h 24m 14s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0649 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 26												JAN 27												

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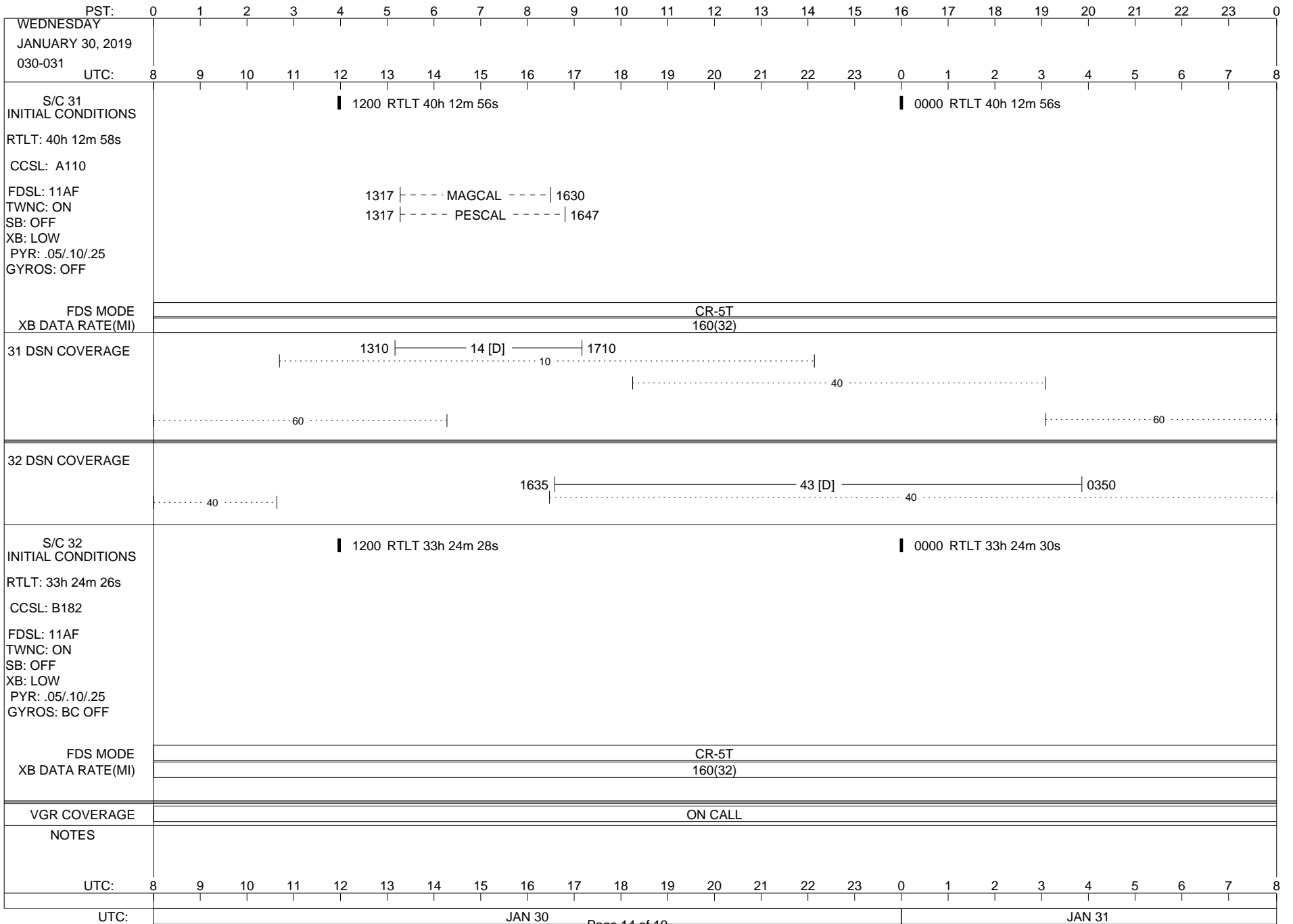
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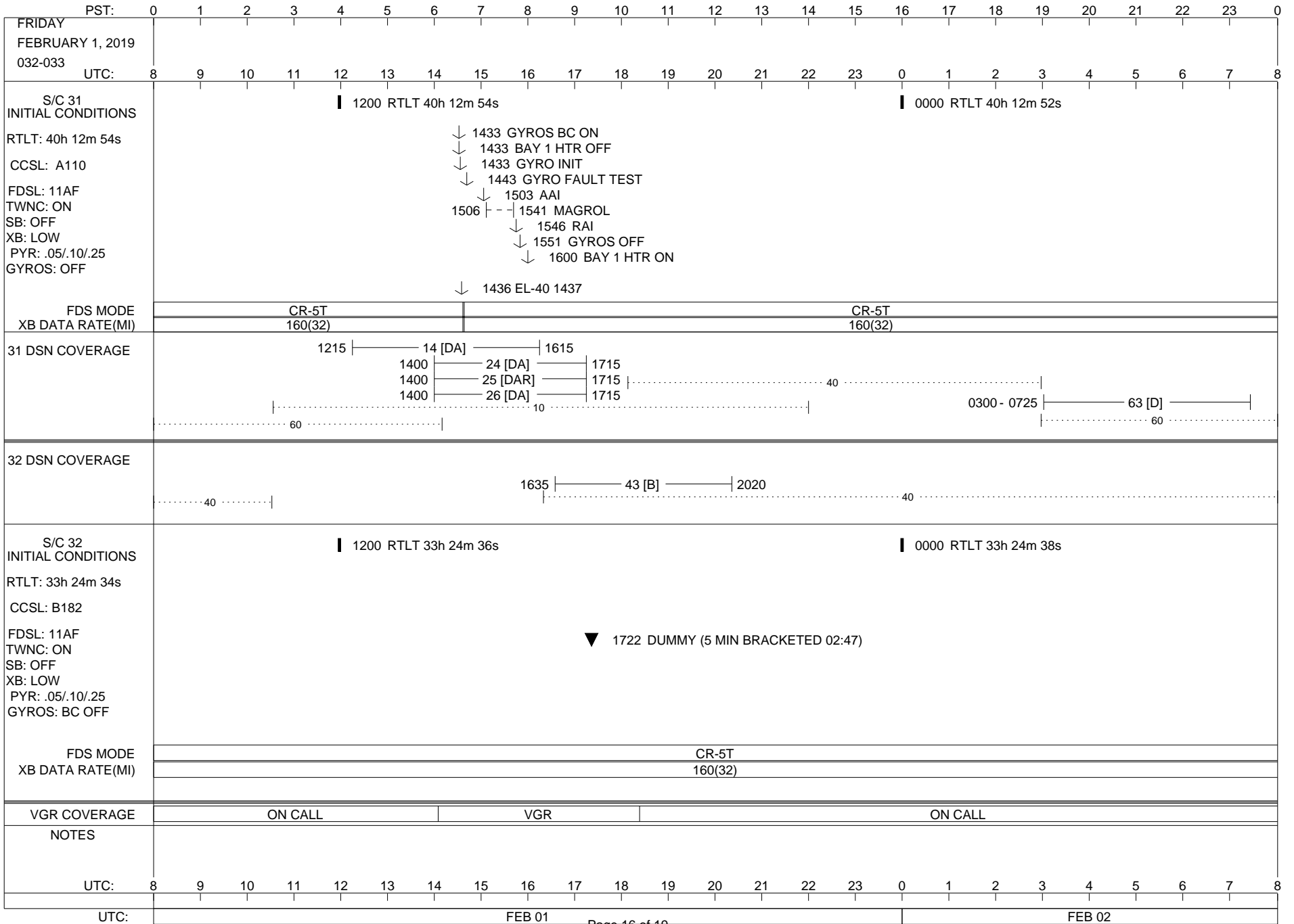
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TUESDAY																													
JANUARY 29, 2019																													
029-030																													
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS		1200 RTLT 40h 12m 58s														0000 RTLT 40h 12m 58s													
RTLT: 40h 13m 0s																													
CCSL: A110																													
FDSL: 11AF																2112 2113 PWS/RH							0401 * FDS FULMRO 0613						
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)													
31 DSN COVERAGE																													
32 DSN COVERAGE																													
S/C 32 INITIAL CONDITIONS		1200 RTLT 33h 24m 24s														0000 RTLT 33h 24m 26s													
RTLT: 33h 24m 22s																													
CCSL: B182																													
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/.10/.25																													
GYROS: BC OFF																													
FDS MODE																CR-5T													
XB DATA RATE(MI)																160(32)													
VGR COVERAGE		ON CALL														VGR ON CALL													
NOTES		<p>[1] S/C 31=GS-4B @ 2112 XB=2.8K(41) NOT RECOVERABLE</p> <p>[2] S/C 31=EL-40 @ 0345 XB=40(30)</p> <p>[3] S/C 31=CR-5T @ 0613 XB=160(32)</p>																											
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UTC:		JAN 29														JAN 30													

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THURSDAY																										
JANUARY 31, 2019																										
031-032																										
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S/C 31 INITIAL CONDITIONS							1200																			
RTLT: 40h 12m 56s																										
CCSL: A110																										
FDLS: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: LOW																										
PYR: .05/10/25																										
GYROS: OFF																										
FDS MODE																										
XB DATA RATE(MI)																										
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS																										
RTLT: 33h 24m 30s																										
CCSL: B182																										
FDLS: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: LOW																										
PYR: .05/10/25																										
GYROS: BC OFF																										
FDS MODE																										
XB DATA RATE(MI)																										
VGR COVERAGE																										
NOTES																										
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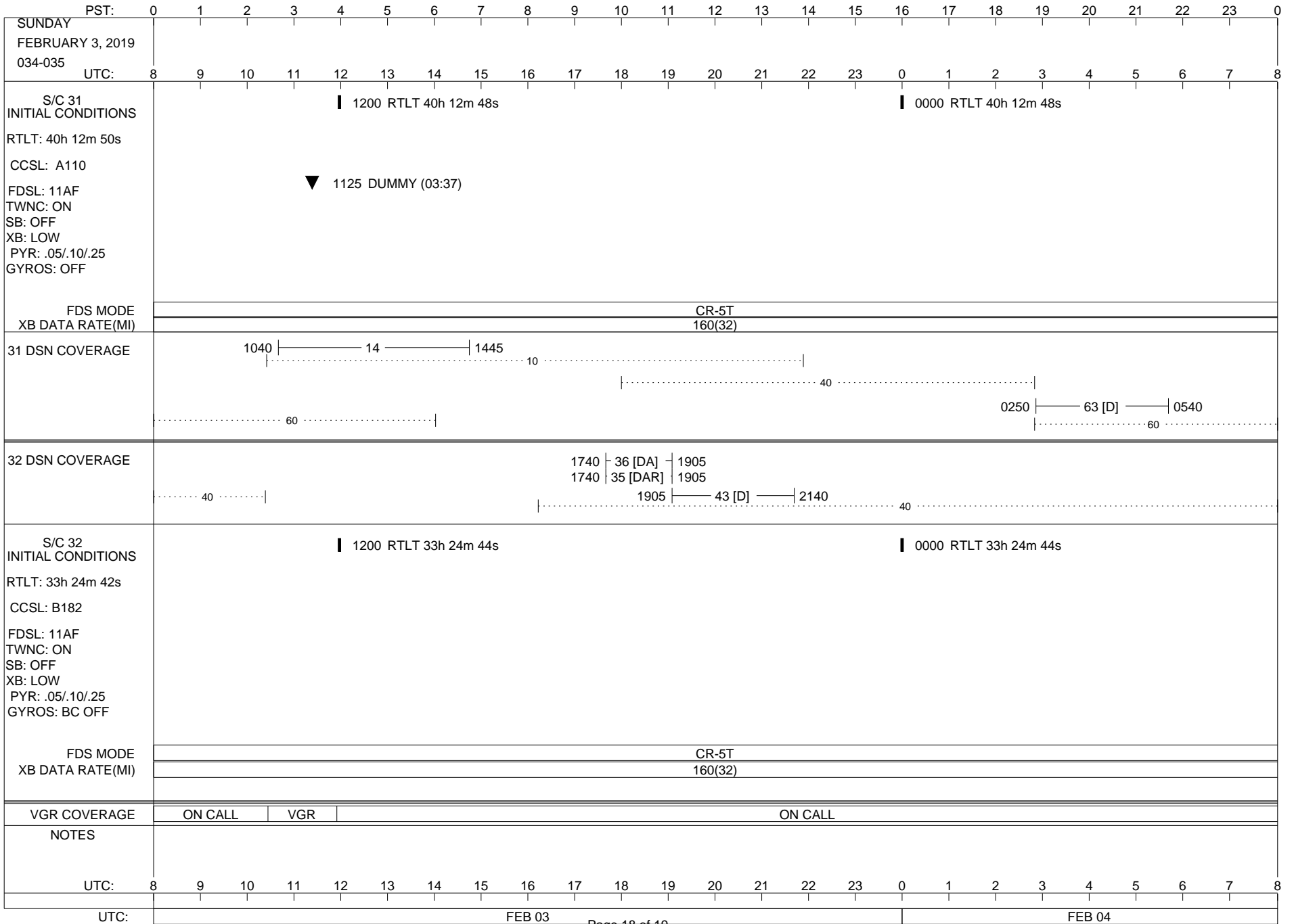
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S/C 31 INITIAL CONDITIONS RTLTL: 40h 12m 52s CCSL: A110 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 40h 12m 52s												0000 RTLTL 40h 12m 50s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	----- 10 -----												----- 40 -----												
	----- 60 -----												0320 ----- 63 [D] ----- 0540 ----- 60 -----												
32 DSN COVERAGE	----- 40 -----												1620 ----- 43 [D] ----- 2050 ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 33h 24m 38s CCSL: B182 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC OFF	1200 RTLTL 33h 24m 40s												0000 RTLTL 33h 24m 42s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0625 XB=2.8K(41) NOT RECOVERABLE																								
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