

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: January 10, 2018

For the Period: 01/11/18 to 01/29/18 (18/011 – 18/029)

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.	

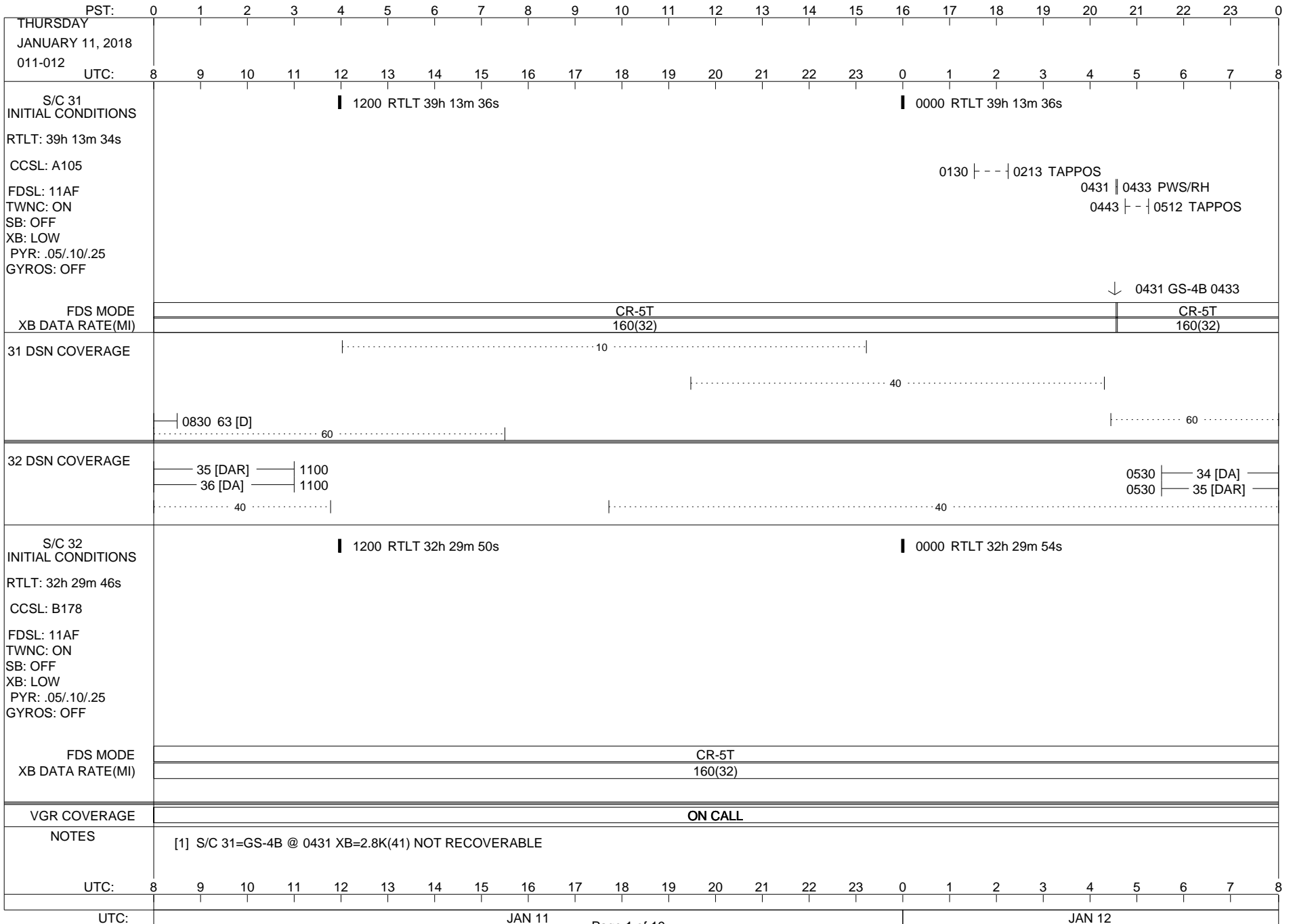
LEGEND:

- ∇ = 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

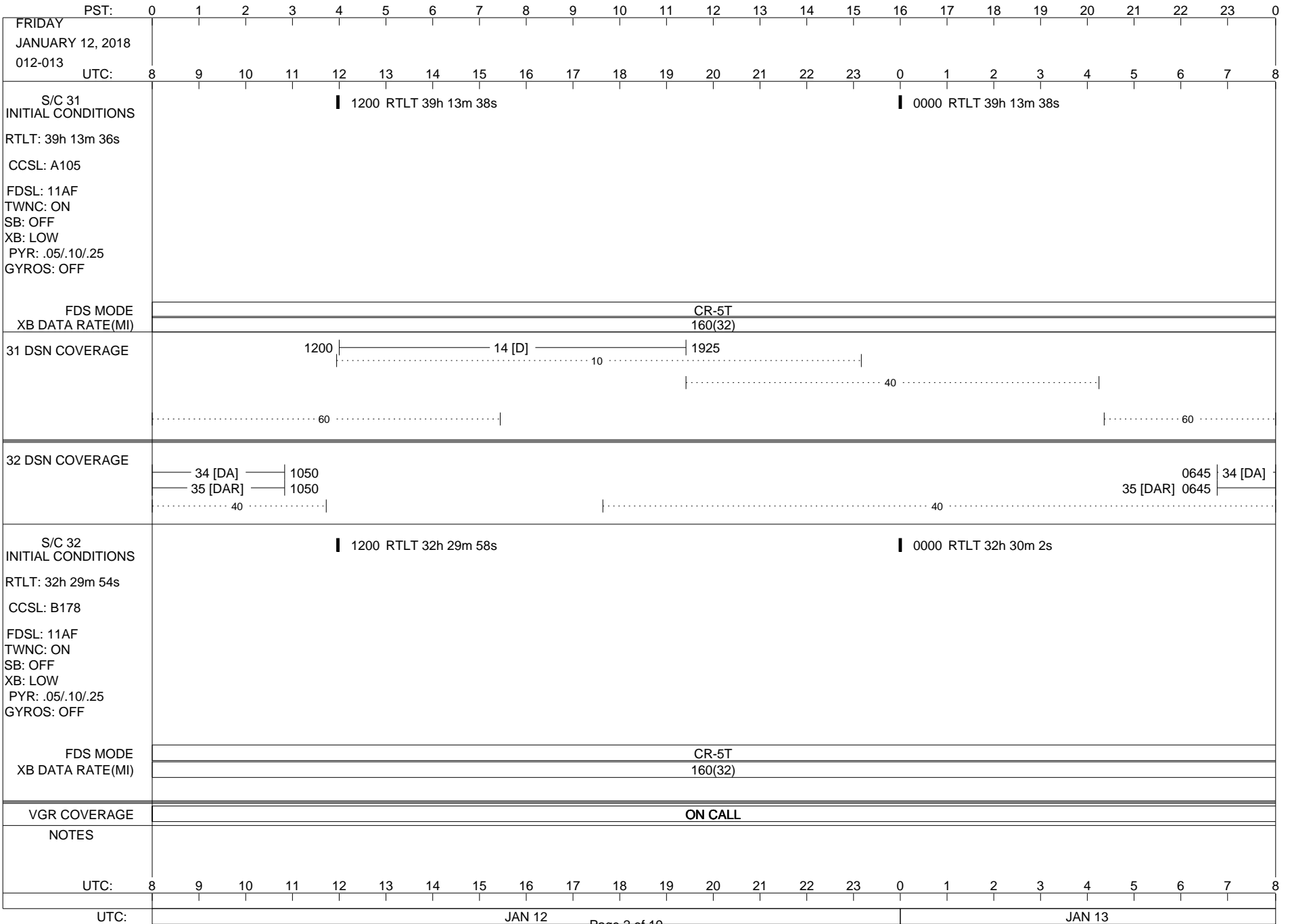
Posted at http://voyager.jpl.nasa.gov/mission/soesfos/tracking_schedule.html

02/27/17

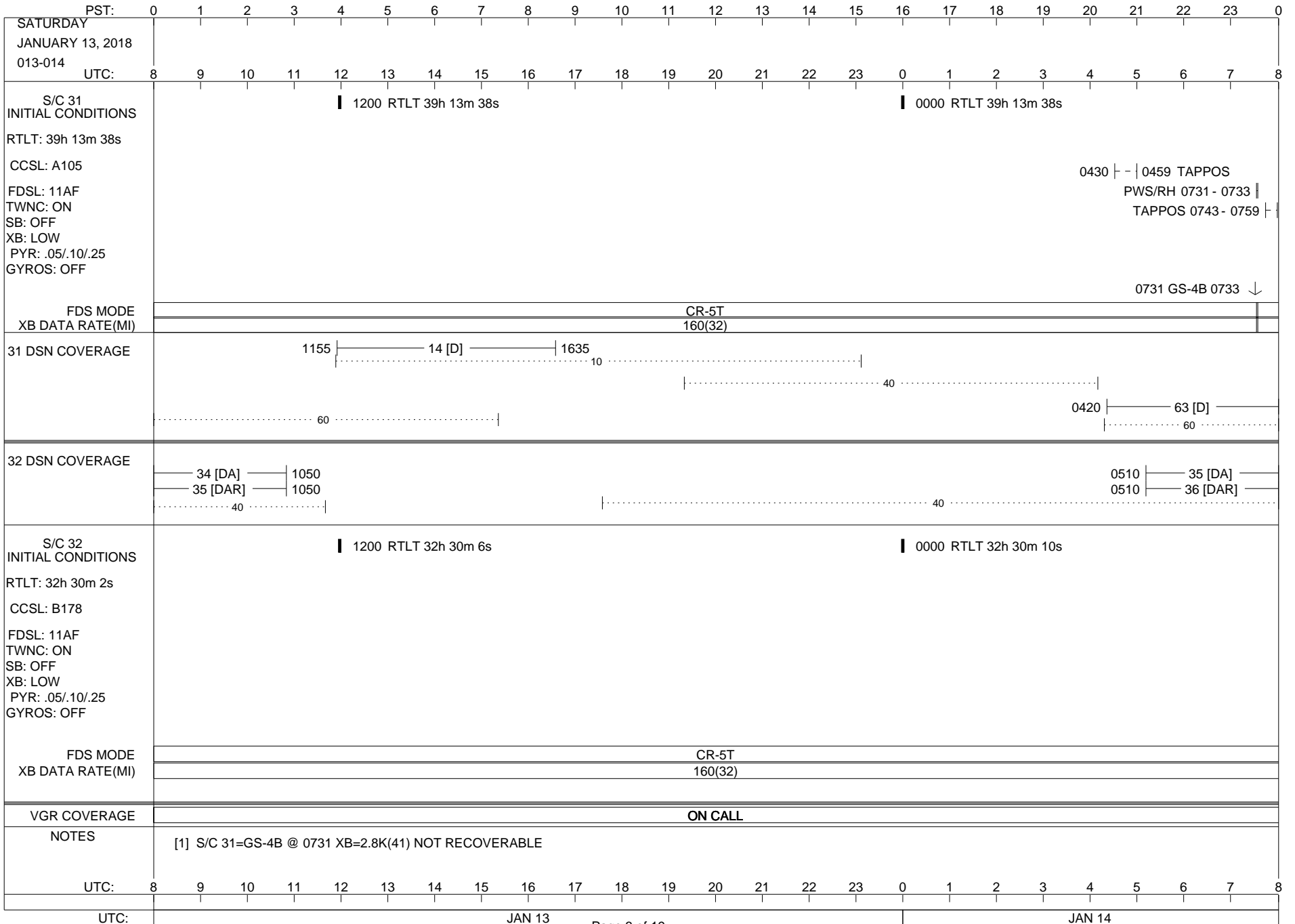
ISSUE DATE: 12/21/17 10:41



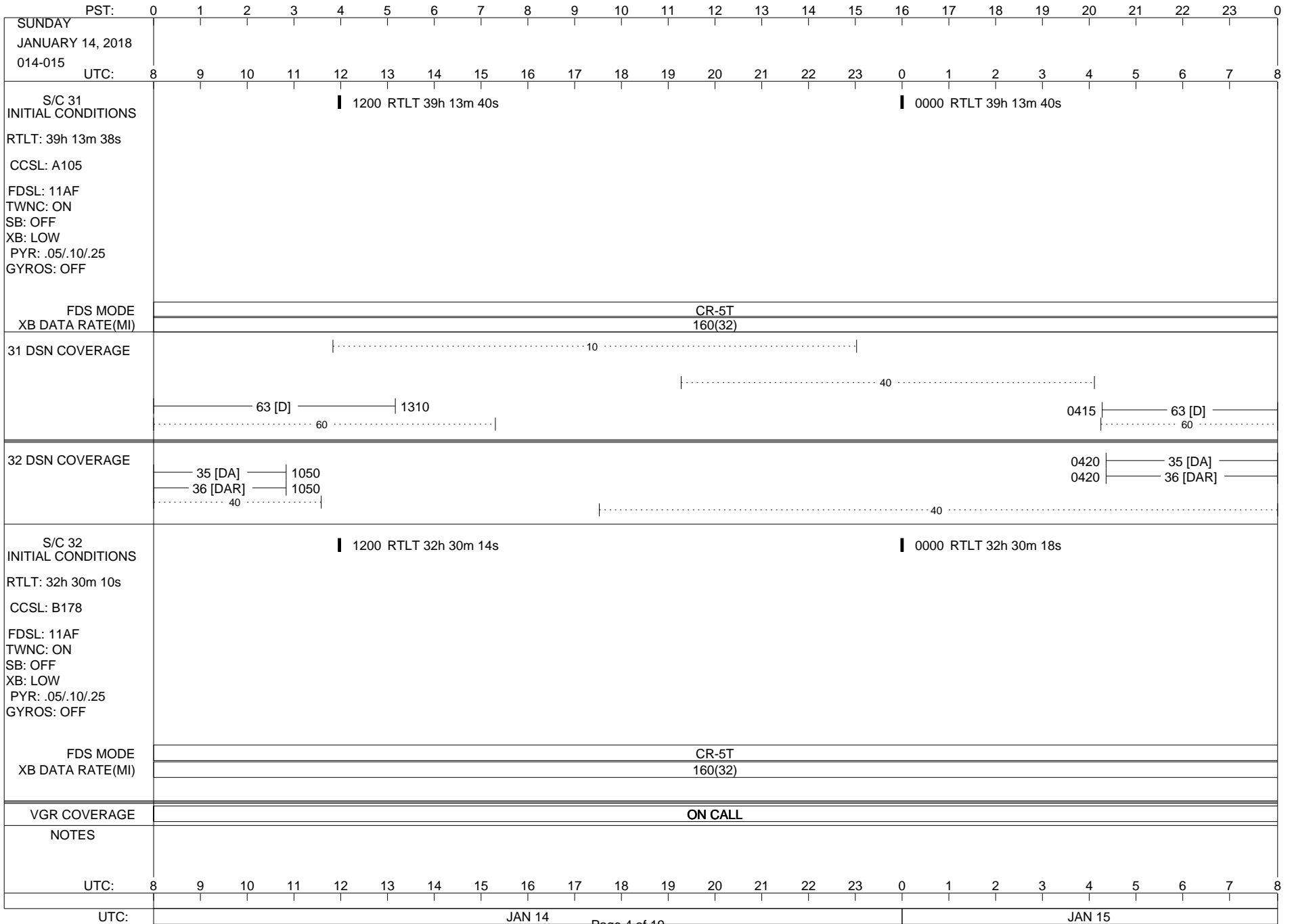
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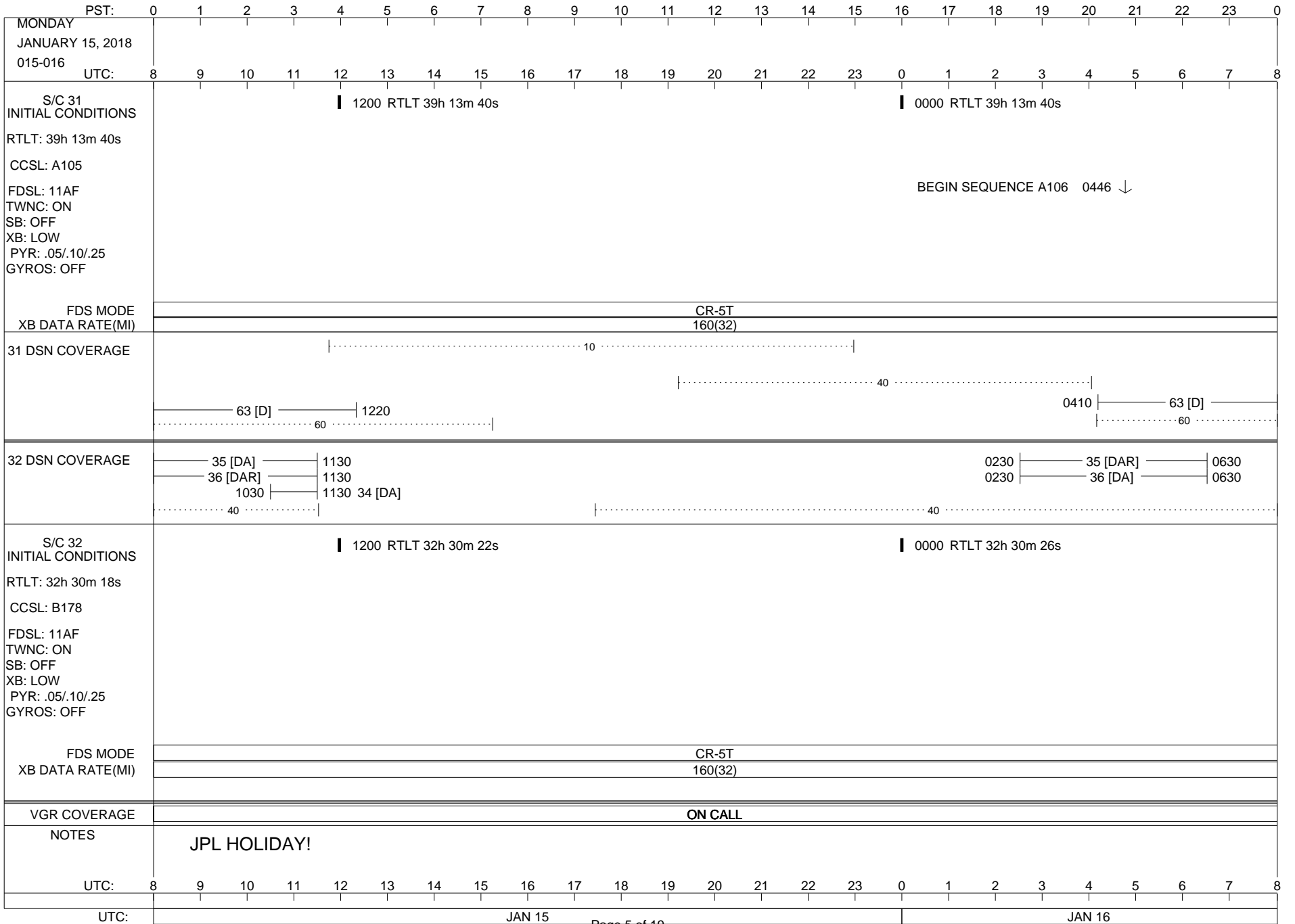
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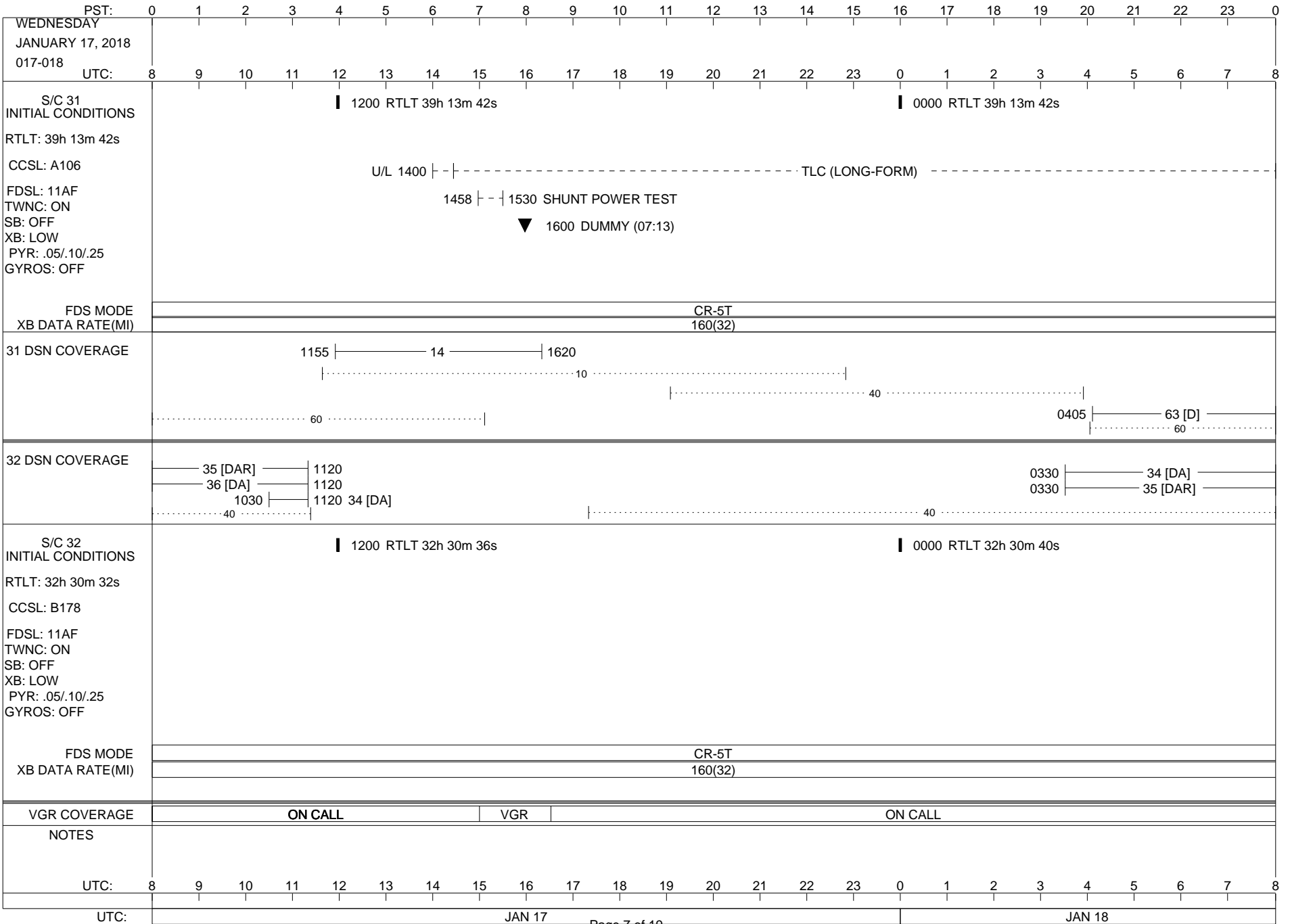


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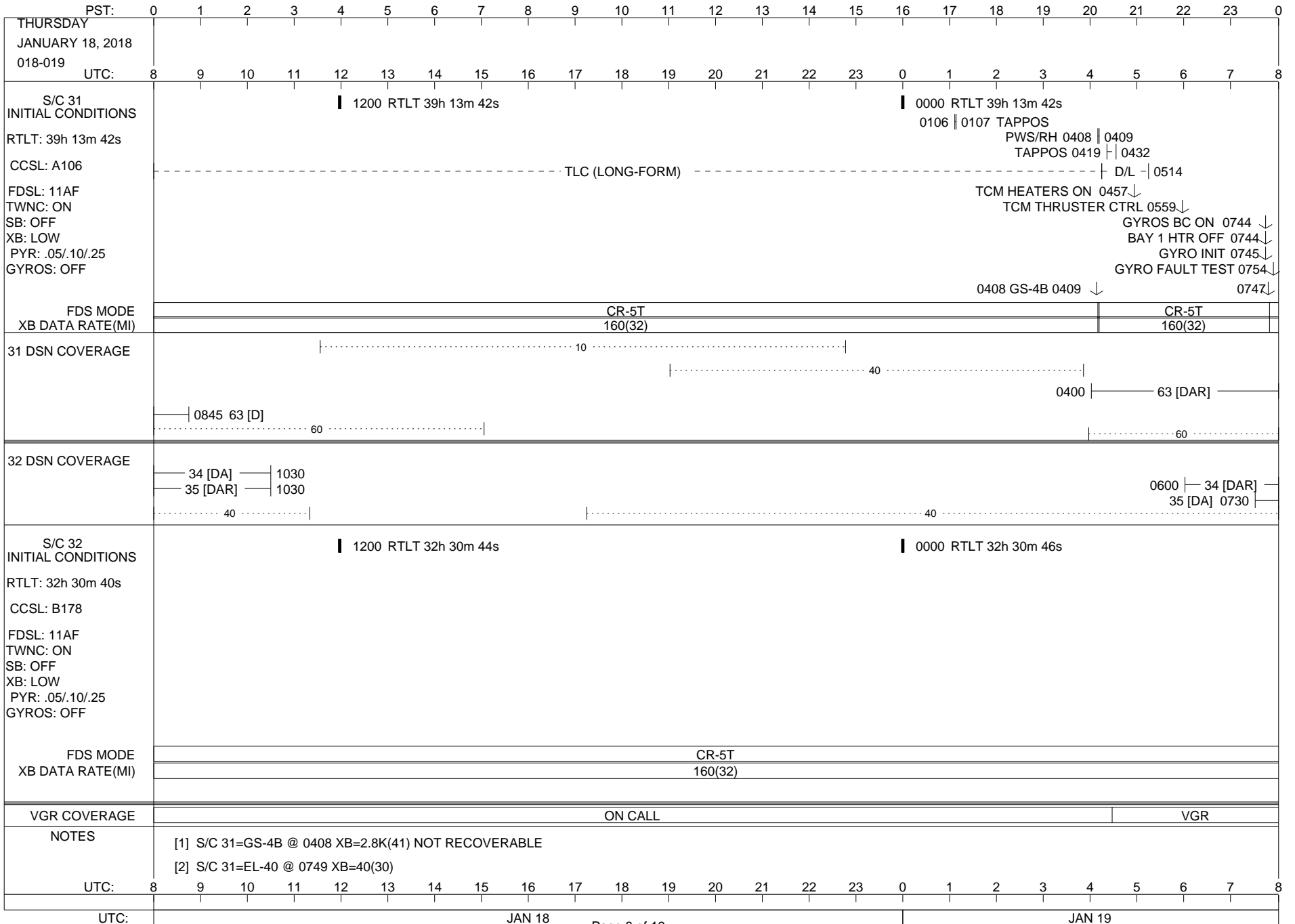


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TUESDAY JANUARY 16, 2018 016-017																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLTL: 39h 13m 40s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 39h 13m 42s												█ 0000 RTLTL 39h 13m 42s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	<p>.....10.....</p> <p>.....40.....</p> <p> 0810 63 [D].....60.....60..... </p>																								
32 DSN COVERAGE	<p>1000 34 [DA] 1130</p> <p>1000 35 [DAR] 1130</p> <p>1000 36 [DA] 1130</p> <p>.....40.....40..... </p> <p>0515 35 [DAR] </p> <p>0515 36 [DA] </p>																								
S/C 32 INITIAL CONDITIONS RTLTL: 32h 30m 26s CCSL: B178 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 32h 30m 30s												█ 0000 RTLTL 32h 30m 32s												
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 @ 2155 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 16												JAN 17												



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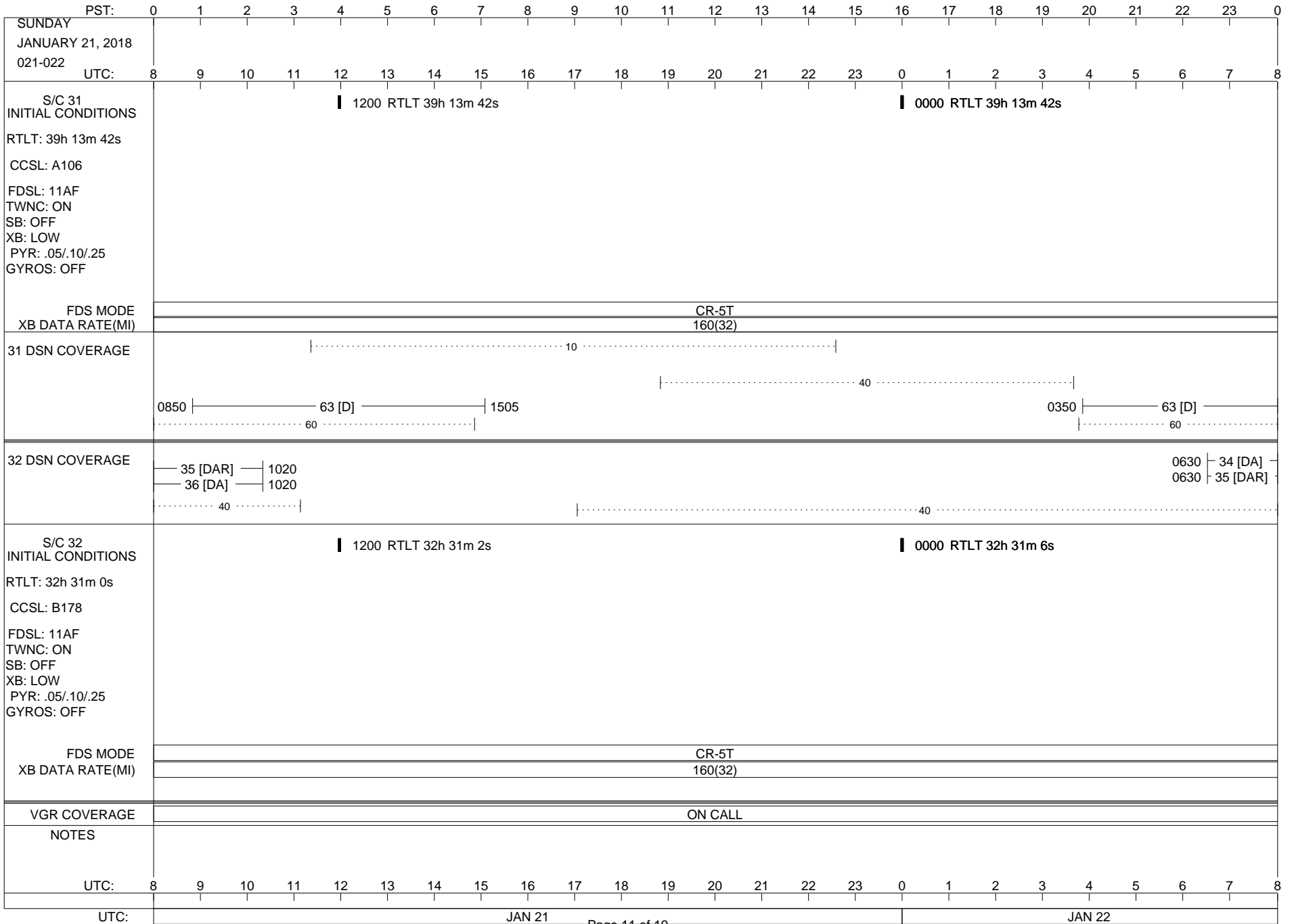
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FRIDAY JANUARY 19, 2018 019-020					
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8					
S/C 31 INITIAL CONDITIONS RTLT: 39h 13m 42s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	<p>1200 RTLT 39h 13m 42s</p> <p>0828 ALL DB=.IS 0844 AA1 0845 0918 ASCAL 0919 RAI 0922 GYROS OFF 0922 CRU 0931 BAY 1 HTR ON 0931 YAW=.10 0931 ROLL=.25 0935</p> <p>0000 RTLT 39h 13m 42s</p>				
FDS MODE XB DATA RATE(MI)	<table border="1"> <tr> <td>EL-40</td> <td>CR-5T</td> </tr> <tr> <td>40(30)</td> <td>160(32)</td> </tr> </table>	EL-40	CR-5T	40(30)	160(32)
EL-40	CR-5T				
40(30)	160(32)				
31 DSN COVERAGE	<p>..... 10 </p> <p>63 [DAR] 1320 40 </p> <p> 0830 - 0930 55 [DA] 0355 63 [D] </p> <p>..... 60 </p>				
32 DSN COVERAGE	<p>34 [DAR] 1115 0000 34 [oA] 0535</p> <p>35 [DA] 1115 0000 35 [DAR] 0535</p> <p>..... 40 </p>				
S/C 32 INITIAL CONDITIONS RTLT: 32h 30m 46s CCSL: B178 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 32h 30m 50s</p> <p>0000 RTLT 32h 30m 52s</p>				
FDS MODE XB DATA RATE(MI)	<table border="1"> <tr> <td></td> <td>CR-5T</td> </tr> <tr> <td></td> <td>160(32)</td> </tr> </table>		CR-5T		160(32)
	CR-5T				
	160(32)				
VGR COVERAGE	VGR ON CALL				
NOTES	[1] S/C 31=D/L SNR VARIATIONS EXPECTED DURING ASCAL (0817-0922)				
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UTC: JAN 19 Page 9 of 19 JAN 20					

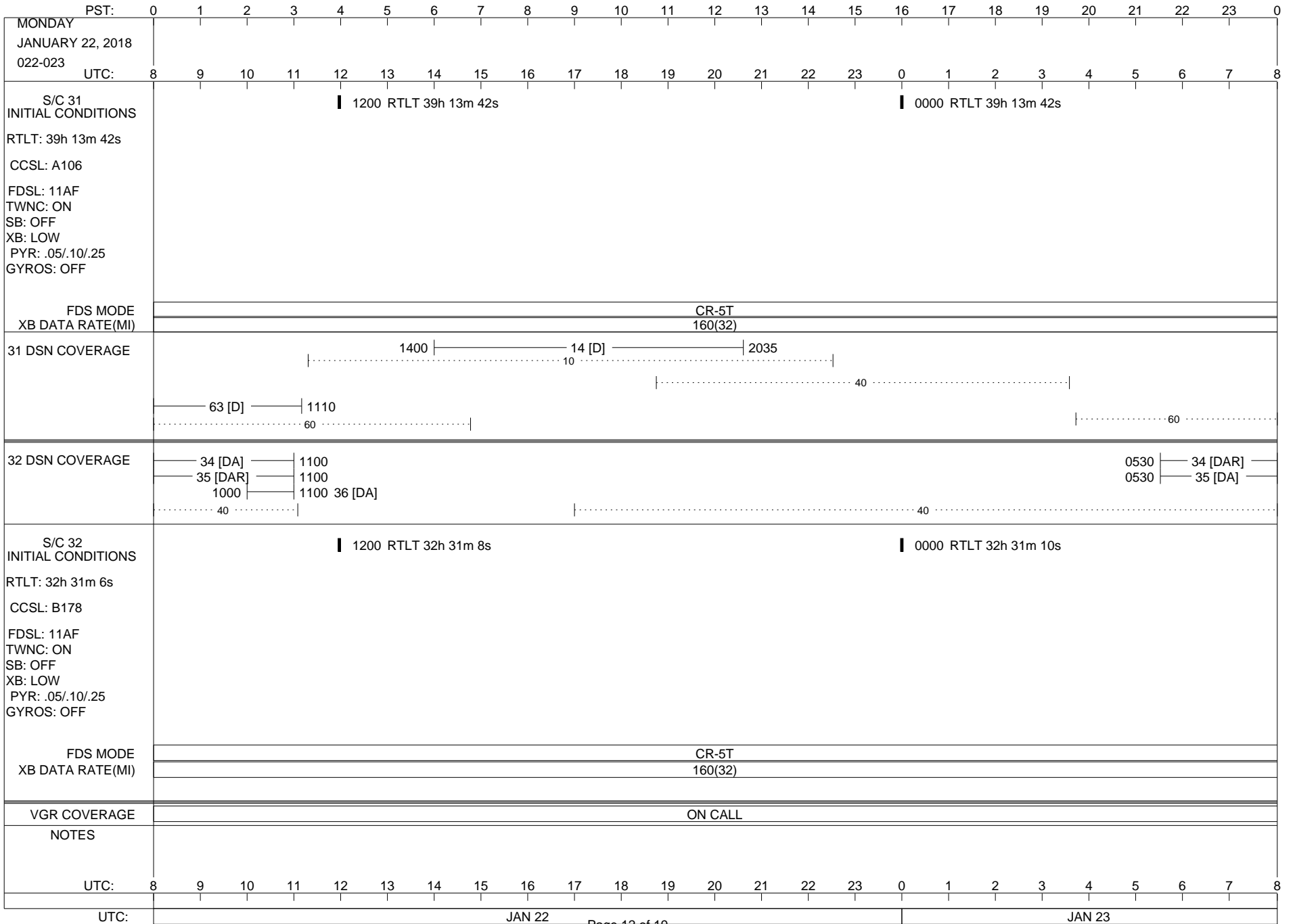
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SATURDAY JANUARY 20, 2018 020-021																													
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S/C 31 INITIAL CONDITIONS		1200 RTLT 39h 13m 42s														0000 RTLT 39h 13m 42s													
RTLT: 39h 13m 42s																													
CCSL: A106																													
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/.10/.25																													
GYROS: OFF																													
		0406 0418 TAPPOS PWS/RH 0707 0709 TAPPOS 0719 - 0746 -																											
		0707 GS-4B 0709 ↓																											
FDS MODE		CR-5T																											
XB DATA RATE(MI)		160(32)																											
31 DSN COVERAGE																													
32 DSN COVERAGE																													
S/C 32 INITIAL CONDITIONS		1200 RTLT 32h 30m 56s														0000 RTLT 32h 31m 0s													
RTLT: 32h 30m 52s																													
CCSL: B178																													
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 @ 0707 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: 12/21/17 10:41



ISSUE DATE: 12/21/17 10:41



ISSUE DATE: 12/21/17 10:41

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

WEDNESDAY
JANUARY 24, 2018
024-025

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: 39h 13m 40s
CCSL: A106
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 39h 13m 40s

0000 RTLT 39h 13m 40s

ENA DOY 033 MAGROL 0615 *
2 CCS SID MRO'S 0616 * 0621
CCSTIM FINE 0631 * 0638
CCSTIM (COARSE) 0705 * 0708

TLC (SHORT-FORM)

D/L

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLTL: 32h 31m 16s
CCSL: B178
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 32h 31m 20s

0000 RTLT 32h 31m 22s

0854 - - 0926 SHUNT POWER TEST

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE

ON CALL

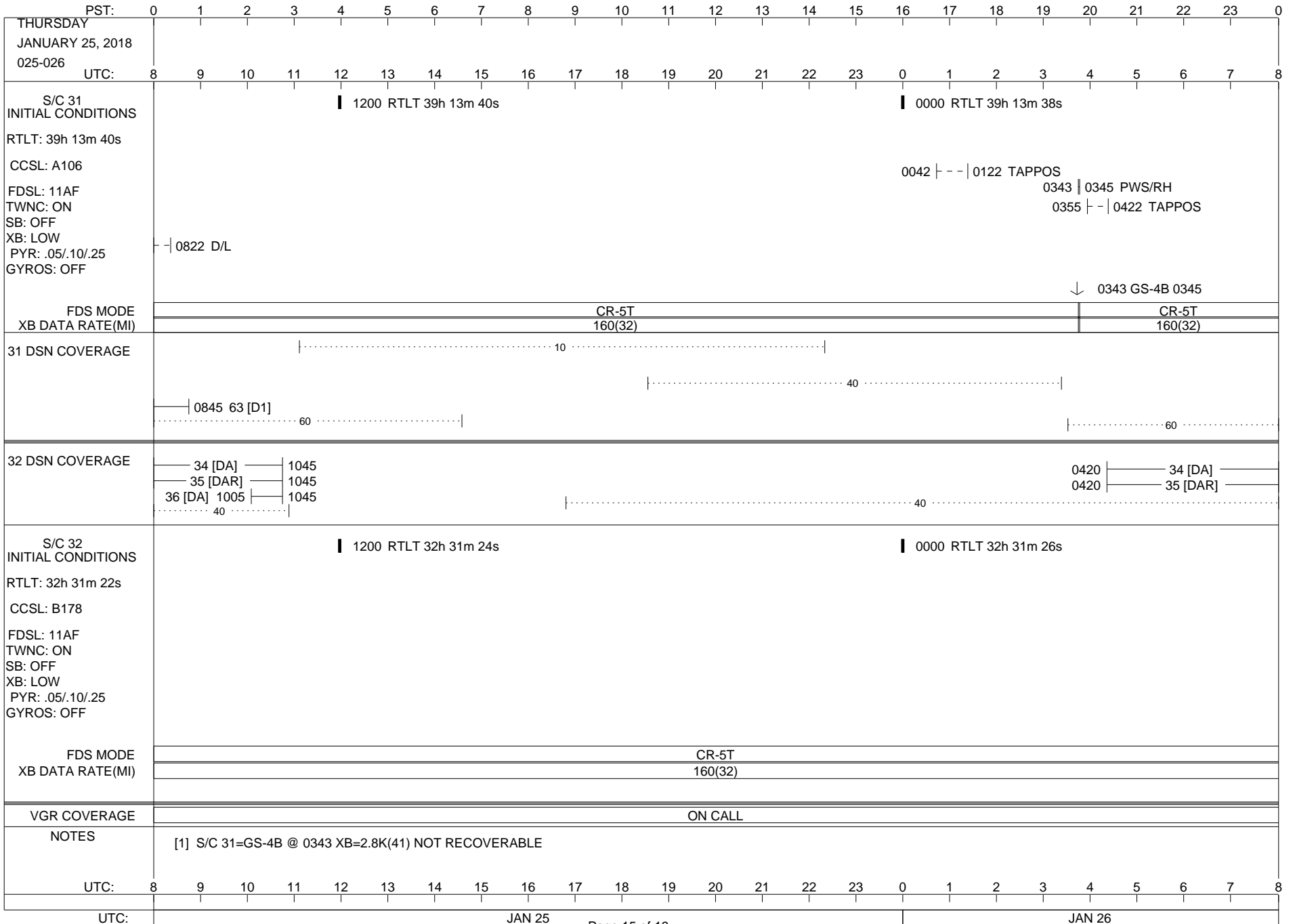
NOTES

[1] DOY 033 MAGROL CHKPT ENA BACKUP U/L SUPPORT

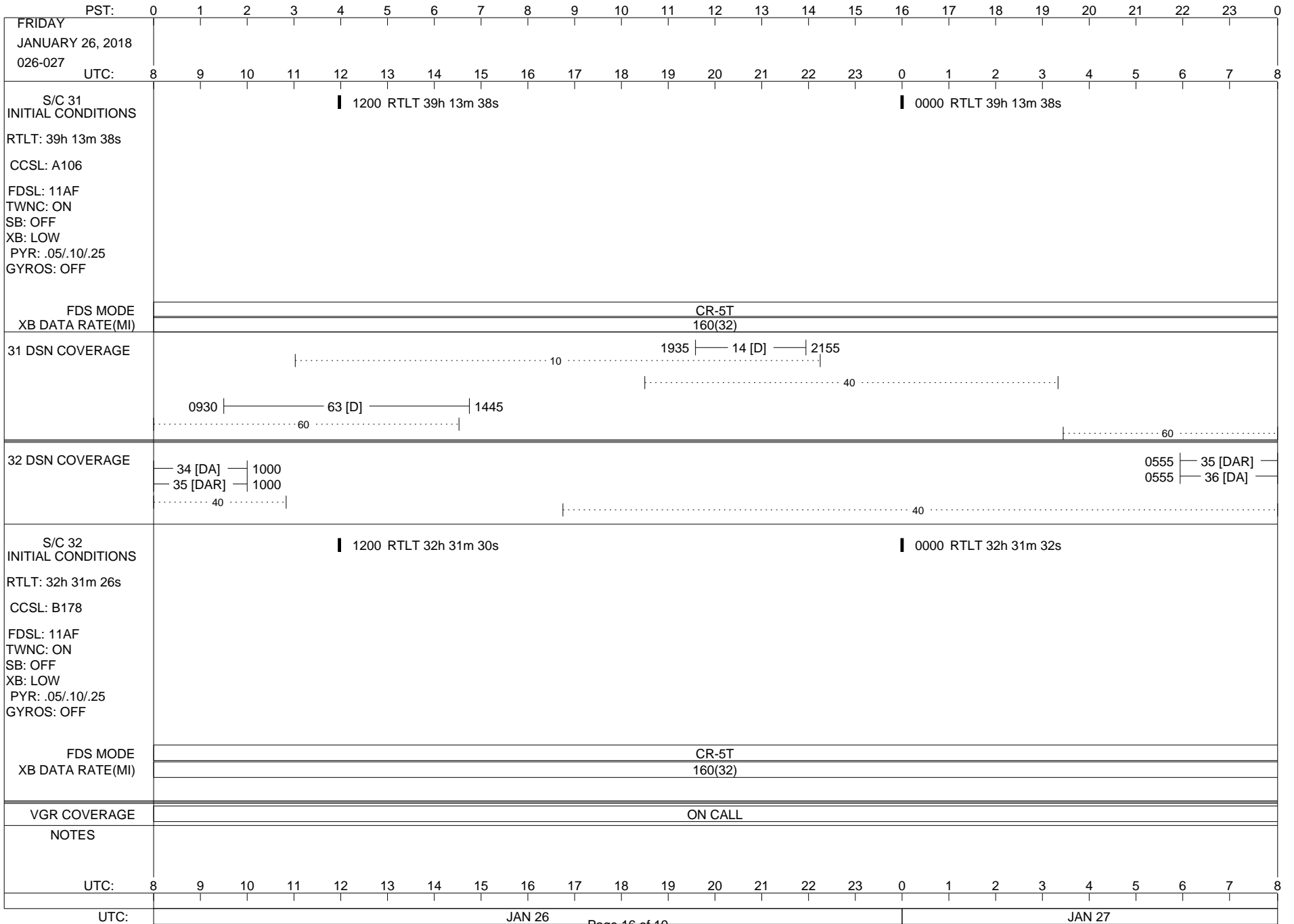
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UTC: JAN 24 Page 14 of 19 JAN 25

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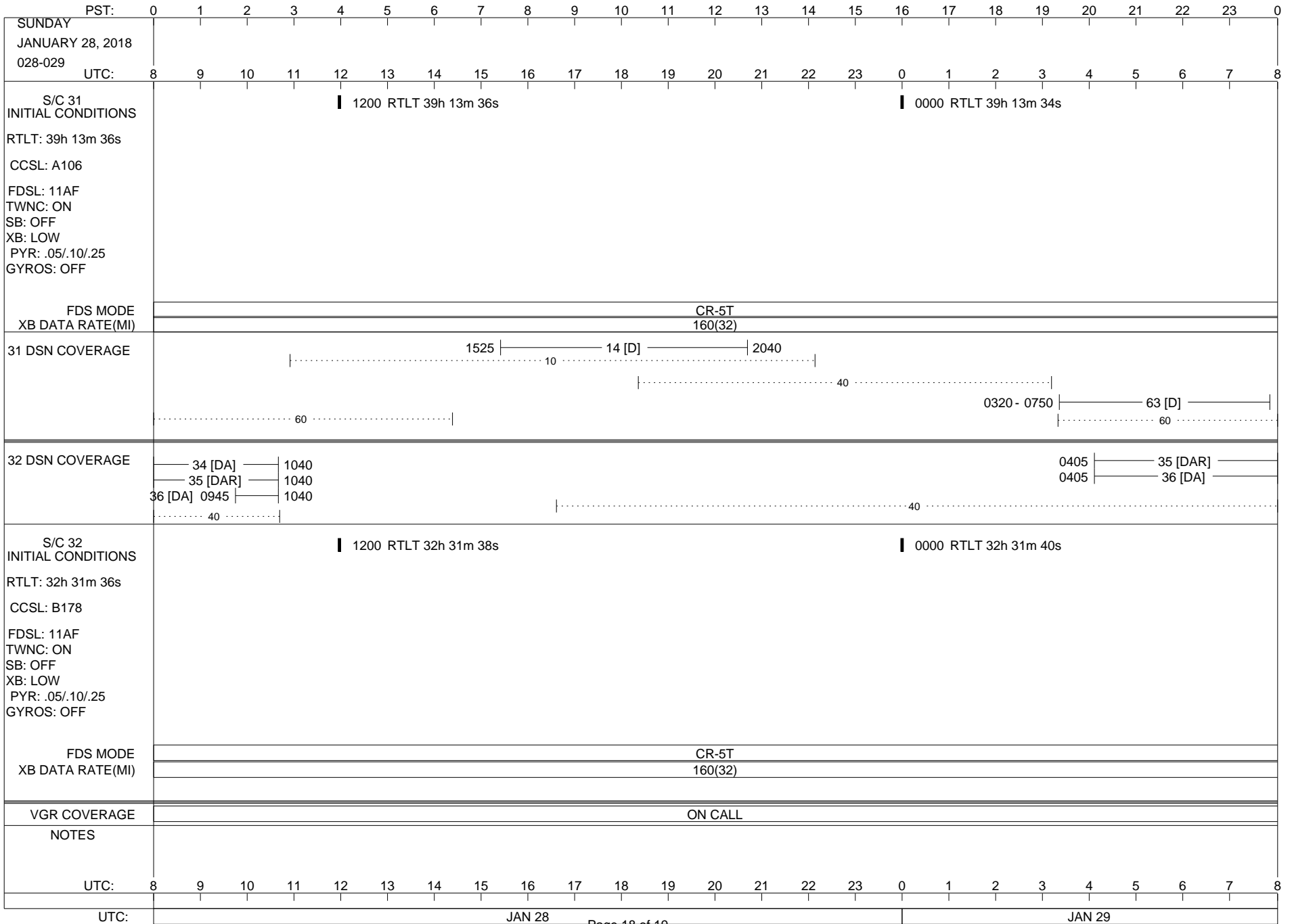
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ISSUE DATE: 12/21/17 10:41

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S/C 31 INITIAL CONDITIONS RTLT: 39h 13m 38s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 39h 13m 36s												█ 0000 RTLT 39h 13m 36s												
													0342 - 0408 TAPPOS PWS/RH 0643 0645 TAPPOS 0655 0708												
													0643 GS-4B 0645 ↓												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1530 ----- 14 [D] ----- 2040 ----- 10 ----- ----- 40 -----												0930 ----- 63 [D] ----- 1330 ----- 60 ----- 60 -----												
32 DSN COVERAGE	35 [DAR] ----- 1045 36 [DA] ----- 1045 0945 ----- 1045 34 [DA] ----- 40 -----												0500 ----- 34 [DA] ----- 0500 ----- 35 [DAR] ----- ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLT: 32h 31m 32s CCSL: B178 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 32h 31m 34s												█ 0000 RTLT 32h 31m 36s												
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 @ 0643 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												

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ISSUE DATE: 12/21/17 10:41

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		
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S/C 31 INITIAL CONDITIONS RTLT: 39h 13m 34s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> 1200 RTLT 39h 13m 34s </div>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<div style="text-align: center;"> 1915 14 [D] 2045 </div> <p style="text-align: center;">..... 10</p> <p style="text-align: center;">..... 60</p>																										
32 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> <p>35 [DAR] </p> <p>36 [DA] </p> <p>0935 </p> <p>..... 40</p> </div> <div style="width: 15%;"> <p>1035</p> <p>1035</p> <p>1035 34 [DA]</p> </div> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 32h 31m 40s CCSL: B178 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> 1200 RTLT 32h 31m 42s </div>																										
FDS MODE XB DATA RATE(MI)														CR-5T 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:	JAN 29													JAN 30													