

VOYAGER Space Flight Operations Schedule (SFOS)
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Issue Date: January 24, 2018

For the Period: 01/25/18 to 02/12/18 (18/025 – 18/043)

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

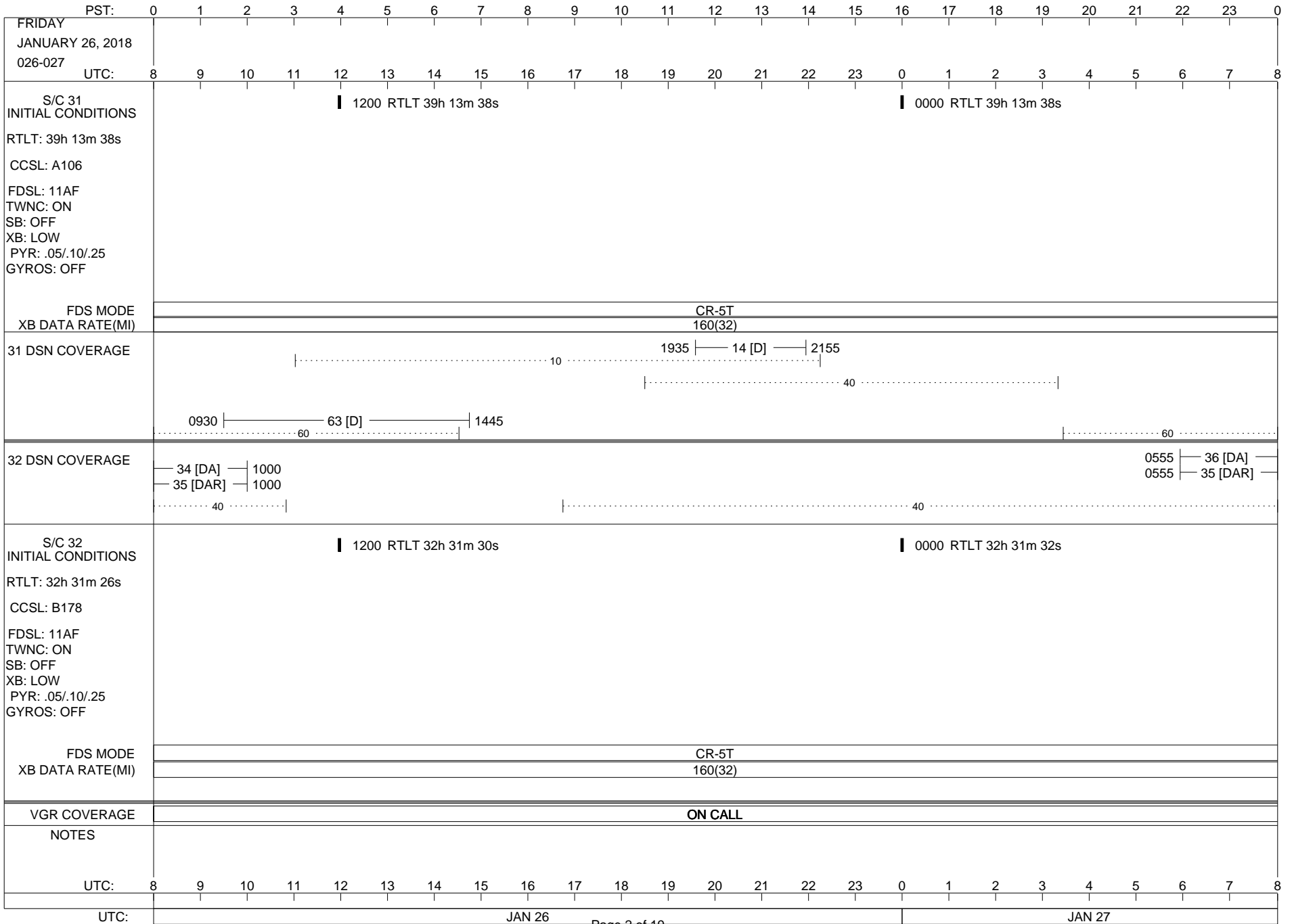
Posted at http://voyager.jpl.nasa.gov/mission/soesfos/tracking_schedule.html

02/27/17

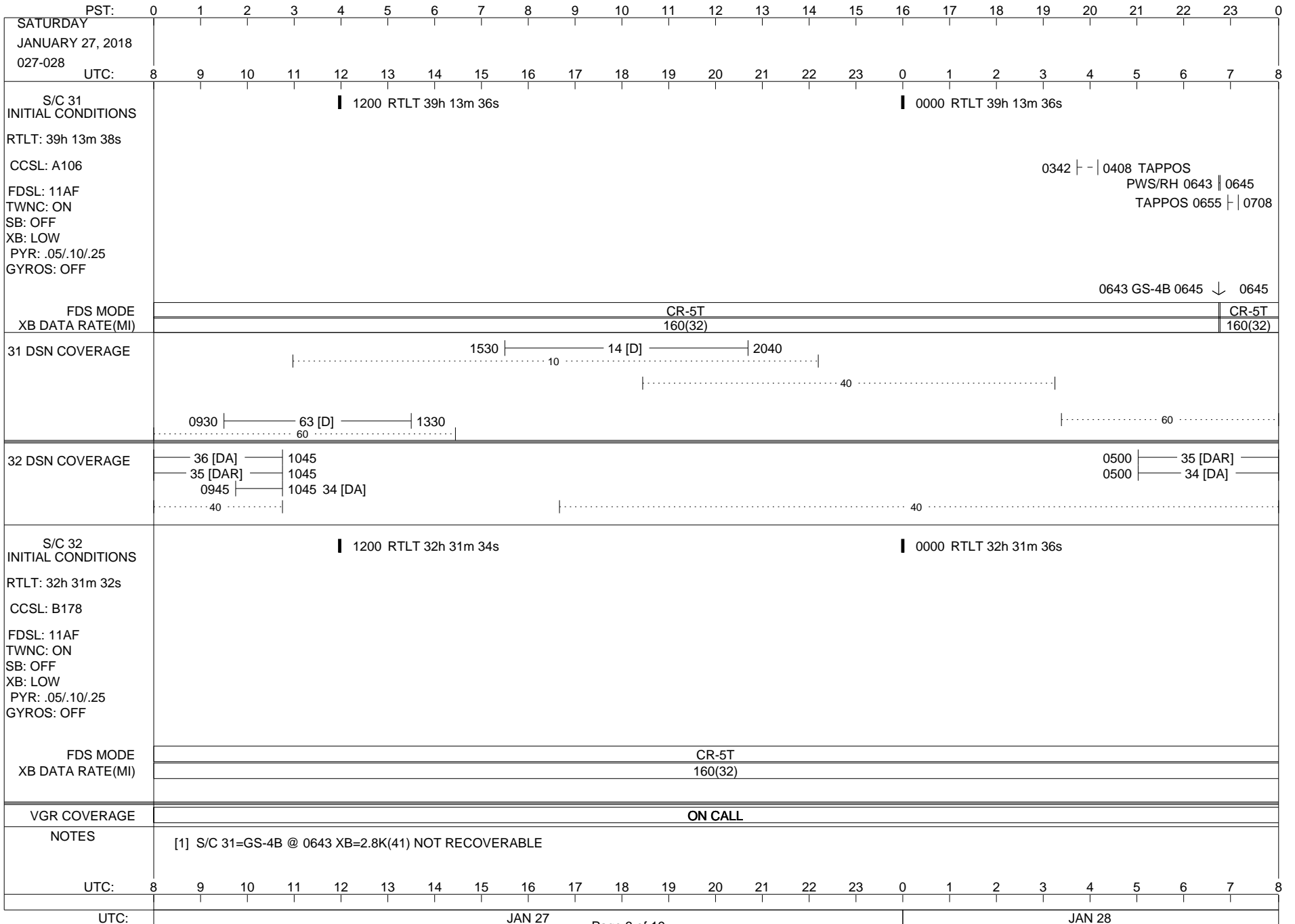
ISSUE DATE: 01/29/18 06:57

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THURSDAY JANUARY 25, 2018 025-026																									
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 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 38s												
0822 D/L													0042 - - 0122 TAPPOS 0343 0345 PWS/RH 0355 - 0422 TAPPOS												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE 10 40												
0845 63 [D1] 60 60												
32 DSN COVERAGE	34 [DA] 1045 35 [DAR] 1045 1005 1045 36 [DA]												40 40 0420 34 [DA] 0420 35 [DAR]												
S/C 32 INITIAL CONDITIONS RTLT: 32h 31m 22s CCSL: B178 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 31m 24s												0000 RTLT 32h 31m 26s												
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 @ 0343 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 25												JAN 26												

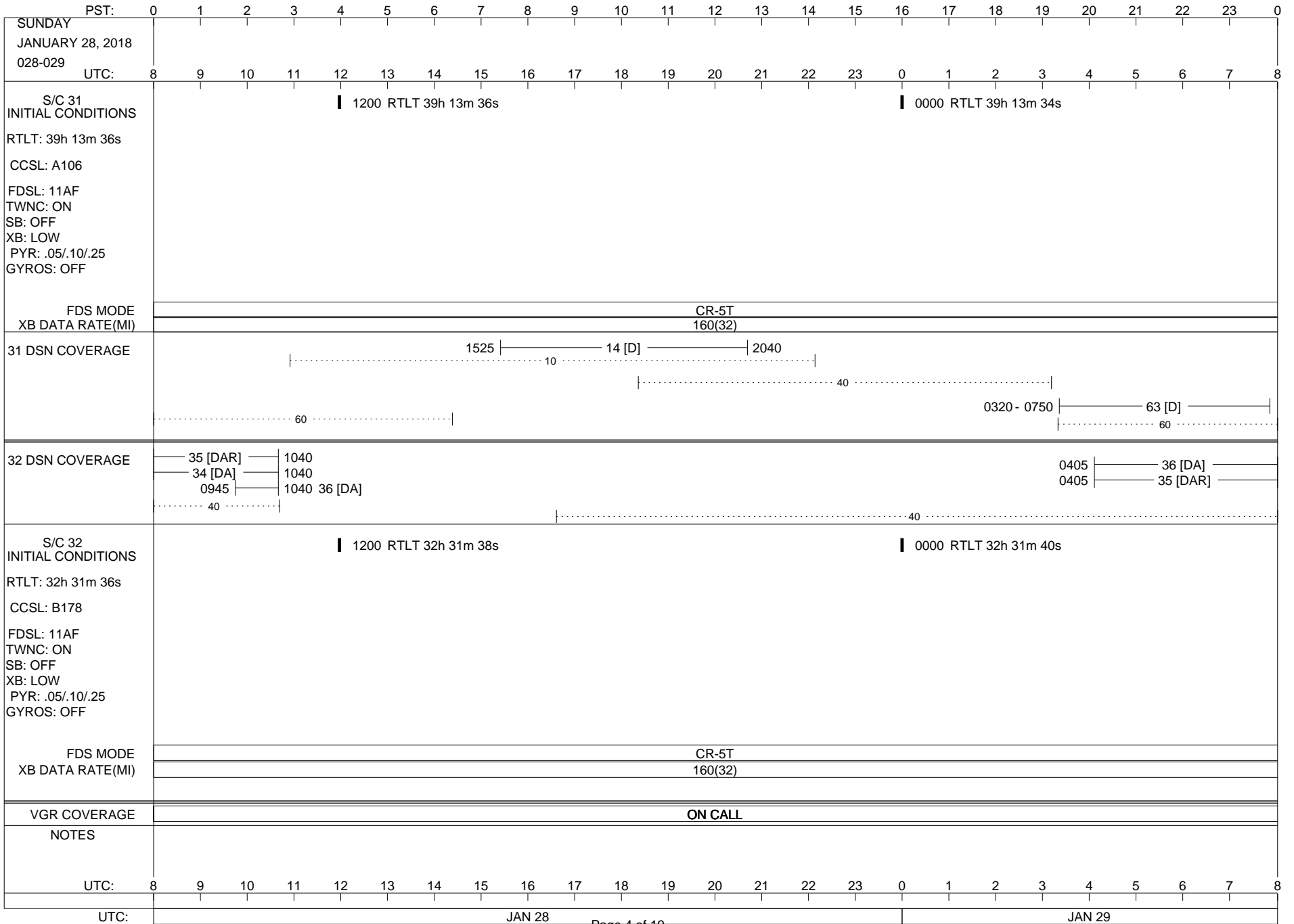
ISSUE DATE: 01/29/18 06:57



ISSUE DATE: 01/29/18 06:57



ISSUE DATE: 01/29/18 06:57



ISSUE DATE: 01/29/18 06:57

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
JANUARY 29, 2018
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
RTLT: 39h 13m 34s
CCSL: A106
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 39h 13m 34s

0000 RTLT 39h 13m 34s

FDS MODE CR-5T
XB DATA RATE(MI) 160(32)

31 DSN COVERAGE
.....|-----10-----|-----1915|-----14[D]|-----2200
|-----40-----|
.....|-----60-----|
|-----0315-0745|-----63[D]|-----|
|-----60-----|

32 DSN COVERAGE
-----36 [DA]-----|1035
-----35 [DAR]-----|1035
0935 |-----1035 34 [DA]
.....|-----40-----|
|-----40-----|

0610 | 35 [DAR] |
0610 | 34 [DA] |

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

1200 RTLT 32h 31m 42s

0000 RTLT 32h 31m 44s

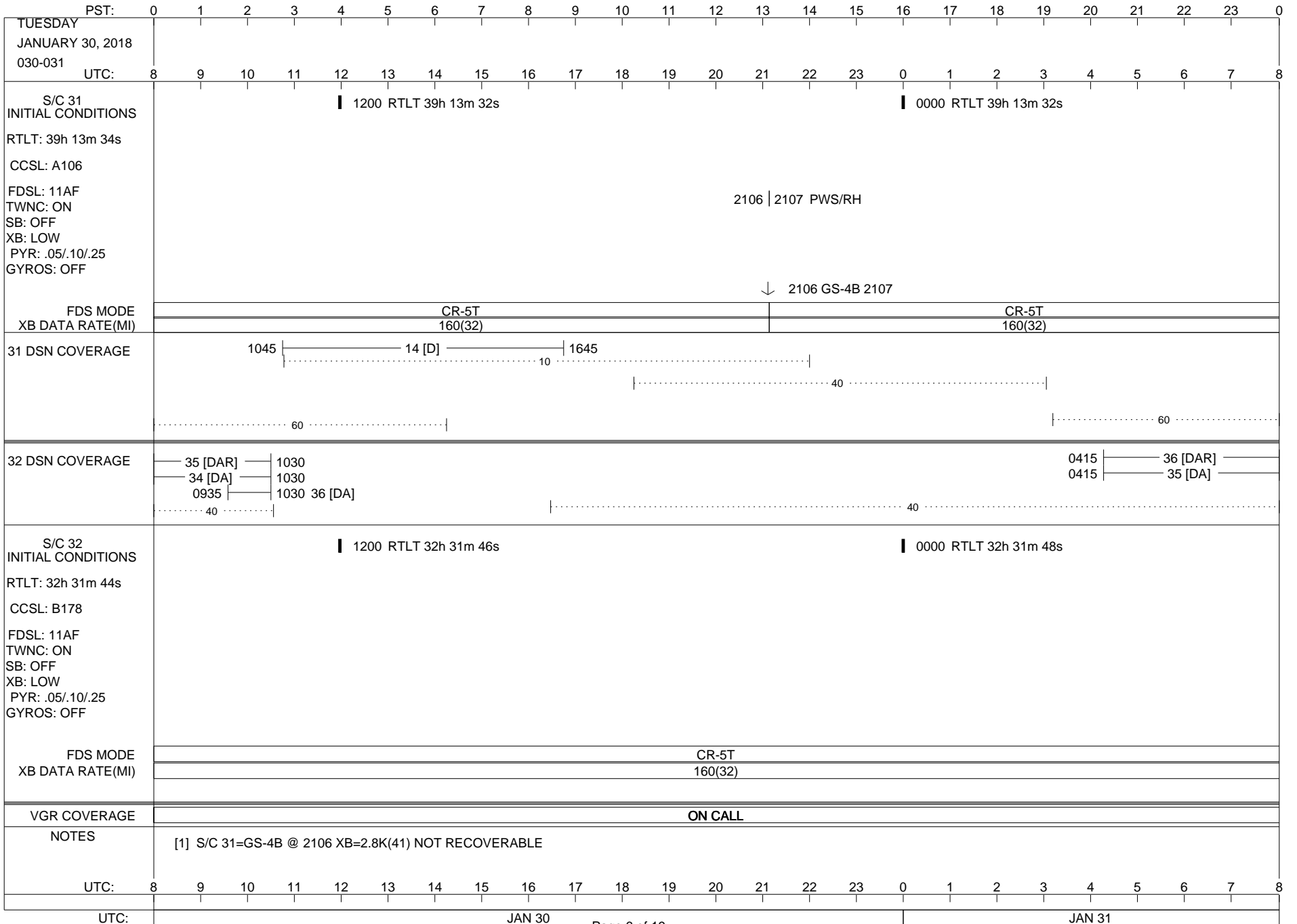
FDS MODE CR-5T
XB DATA RATE(MI) 160(32)

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: JAN 29 Page 5 of 19 JAN 30



ISSUE DATE: 01/29/18 06:57

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 31, 2018
031-032 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 32s
CCSL: A106
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 39h 13m 30s
0000 RTLT 39h 13m 30s

1258 |--- MAGCAL ---| 1600
1258 |---- PESCAL ----| 1618

U/L 1350 | - |----- TLC (LONG-FORM) -----

▼ 1550 DUMMY (07:04)

FDS MODE
XB DATA RATE(MI) CR-5T
160(32)

31 DSN COVERAGE

1045 |----- 14 [T] -----| 1755

..... 10
..... 40
..... 60
0310 - 0745 |----- 63 [D] -----|
..... 60

32 DSN COVERAGE

36 [DAR] | 0940
35 [DA] | 0940

..... 40
..... 40

0620 | 36 [DA] |
0620 | 35 [DAR] |

S/C 32
INITIAL CONDITIONS
RTLT: 32h 31m 48s
CCSL: B178
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 32h 31m 50s
0000 RTLT 32h 31m 52s

FDS MODE
XB DATA RATE(MI) CR-5T
160(32)

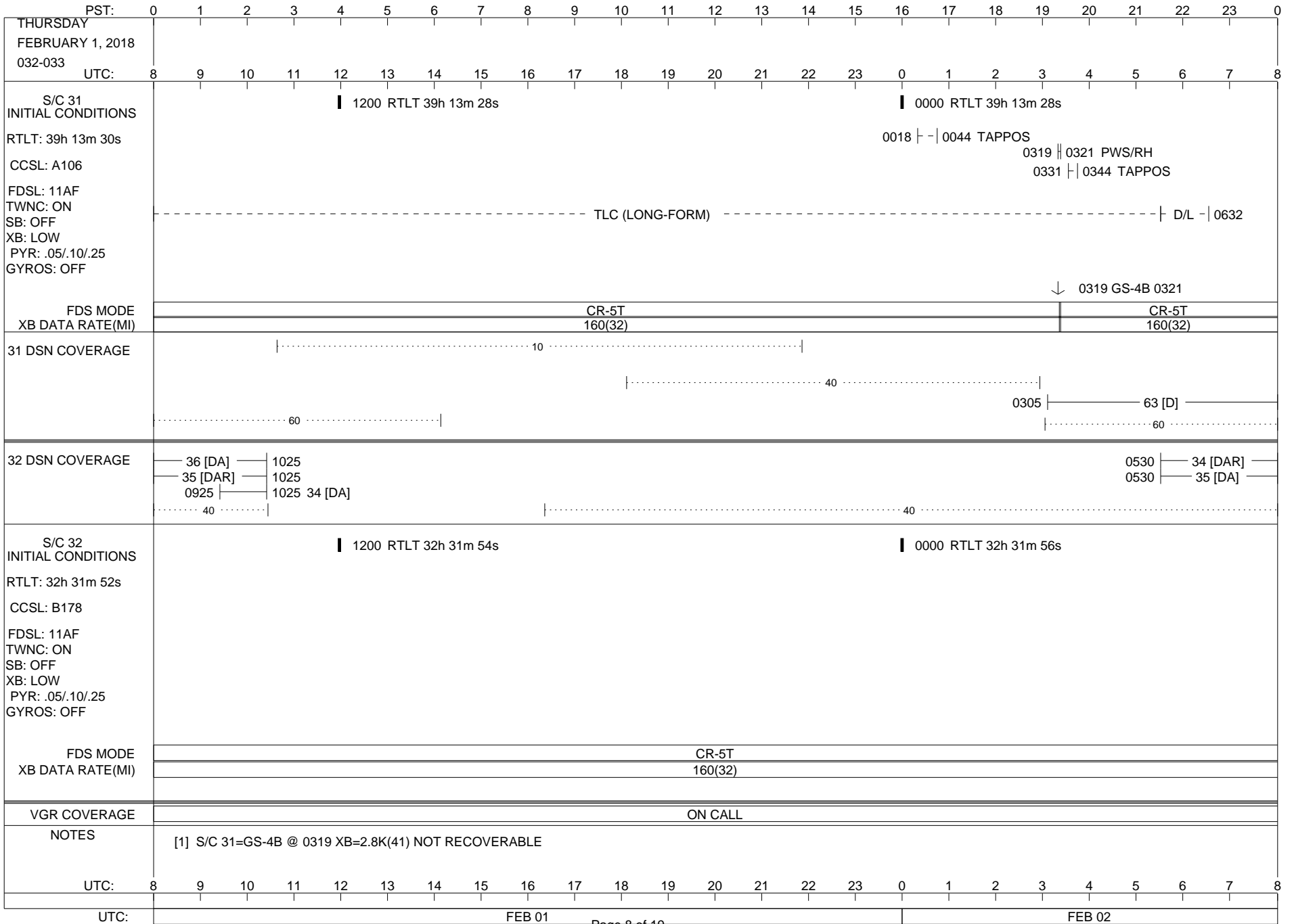
VGR COVERAGE ON CALL VGR ON CALL

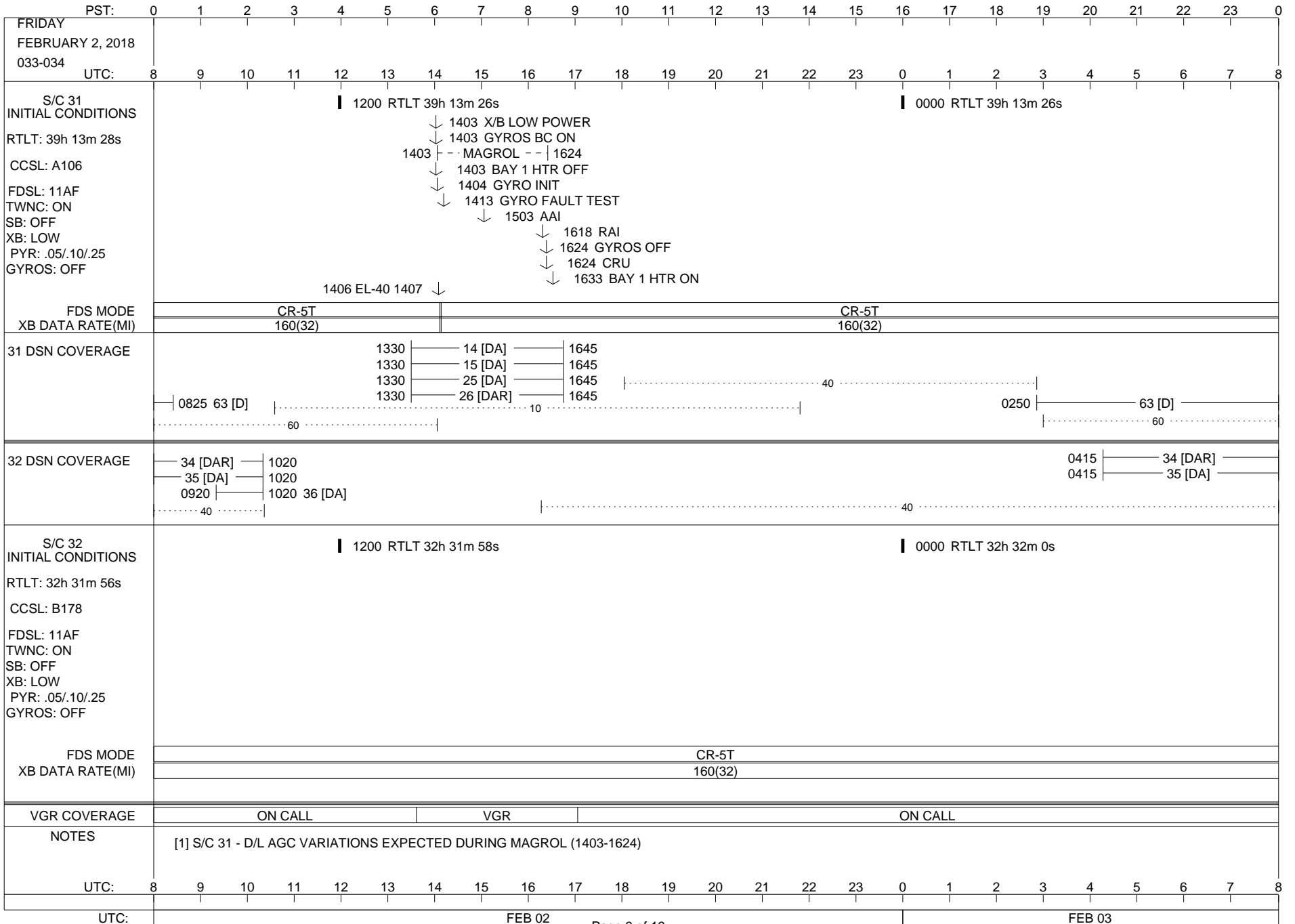
NOTES

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

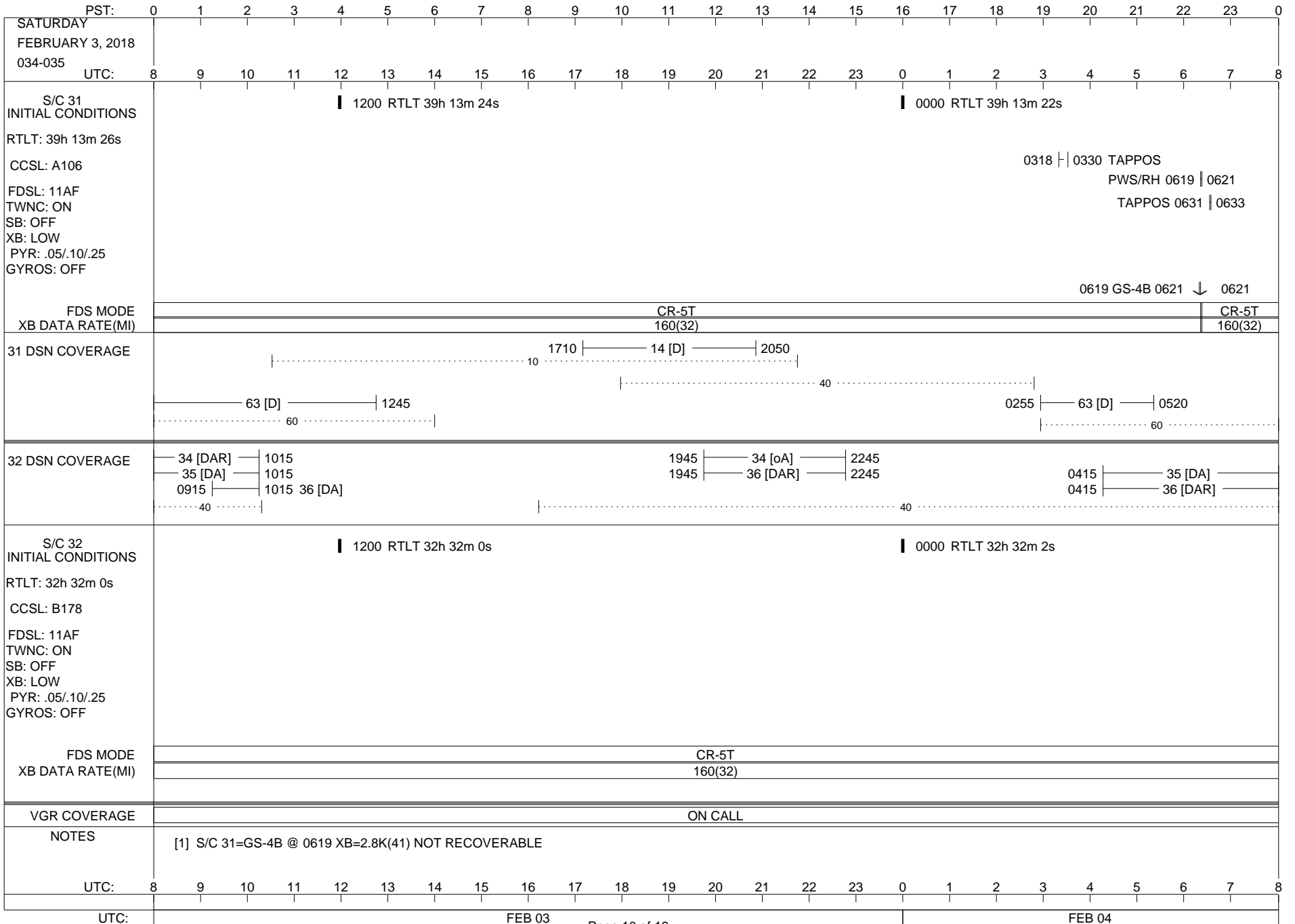
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ISSUE DATE: 01/29/18 06:57

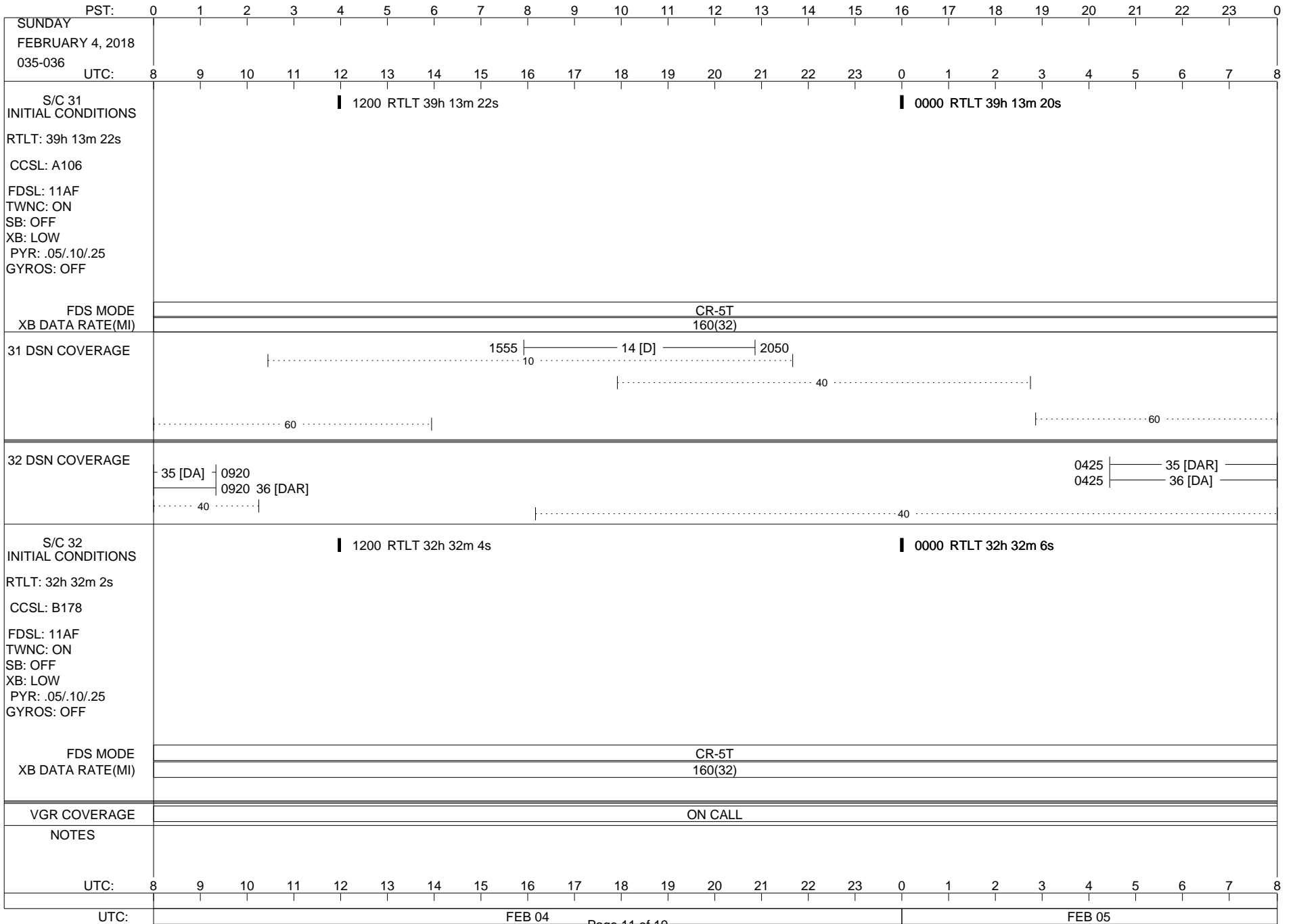




ISSUE DATE: 01/29/18 06:57



ISSUE DATE: 01/29/18 06:57



ISSUE DATE: 01/29/18 06:57

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 5, 2018																													
036-037																													
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 39h 13m 20s														█ 0000 RTLT 39h 13m 18s													
RTLT: 39h 13m 20s																													
CCSL: A106																													
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/.10/.25																													
GYROS: OFF																													
FDS MODE																CR-5T													
XB DATA RATE(MI)																160(32)													
31 DSN COVERAGE																													
32 DSN COVERAGE																													
S/C 32 INITIAL CONDITIONS		█ 1200 RTLT 32h 32m 6s														█ 0000 RTLT 32h 32m 8s													
RTLT: 32h 32m 6s																													
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														VGR		ON CALL											
NOTES		[1] DSS-43 LP CMD RTS DEMO																											
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 05														FEB 06													

ISSUE DATE: 01/29/18 06:57

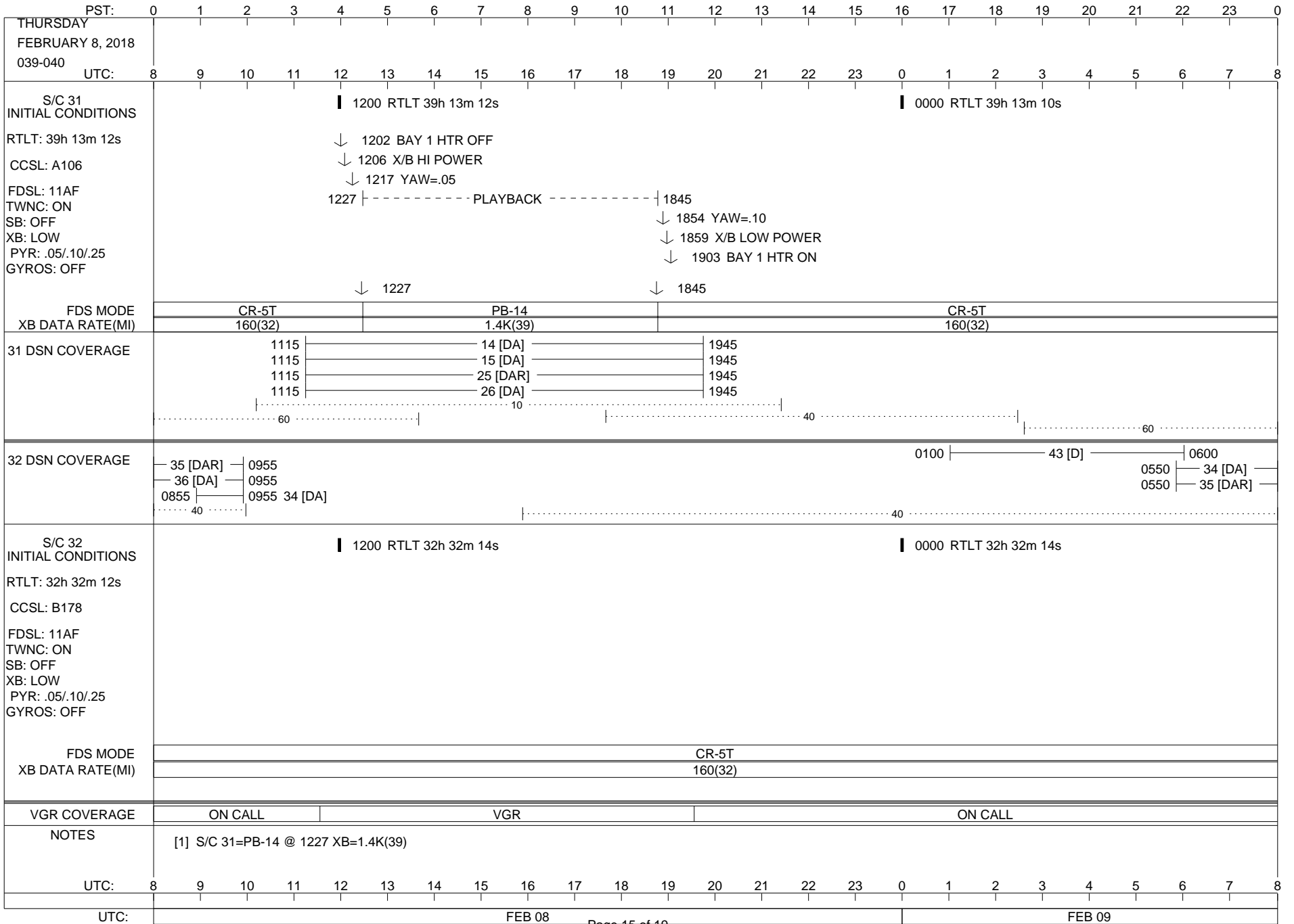
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UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLT: 39h 13m 18s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█	1200	RTLT	39h	13m	16s							█	0000	RTLT	39h	13m	16s				
FDS MODE XB DATA RATE(MI)							CR-5T											CR-5T								
							160(32)											160(32)								
31 DSN COVERAGE							1330				14 [D]				1745											
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS RTLT: 32h 32m 8s CCSL: B178 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█	1200	RTLT	32h	32m	8s							█	0000	RTLT	32h	32m	10s				
FDS MODE XB DATA RATE(MI)																										
VGR COVERAGE																										
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:																										

[1] S/C 31=GS-4B @ 2042 XB=2.8K(41) NOT RECOVERABLE

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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			
WEDNESDAY FEBRUARY 7, 2018 038-039																												
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 16s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 39h 13m 14s														█ 0000 RTLT 39h 13m 12s													
FDS MODE															CR-5T													
XB DATA RATE(MI)															160(32)													
31 DSN COVERAGE	<p>1039 ----- 1149 TAPPOS</p> <p>1000 -----63 [D]----- 1400</p> <p>60 ----- 60</p>																											
32 DSN COVERAGE	<p>0915 ----- 1000 43 [D]----- 1720 -----43 [H1o]----- 2040</p> <p>0430 -----35 [DAR]----- </p> <p>0430 -----36 [DA]----- </p> <p>40 ----- 40</p>																											
S/C 32 INITIAL CONDITIONS RTLT: 32h 32m 10s CCSL: B178 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 32h 32m 12s														█ 0000 RTLT 32h 32m 12s													
FDS MODE															CR-5T													
XB DATA RATE(MI)															160(32)													
VGR COVERAGE	ON CALL														VGR ON CALL													
NOTES	[1] DSS-43 HP CMD RTS DEMO, HP>= 17:19																											
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 07														FEB 08													

ISSUE DATE: 01/29/18 06:57



ISSUE DATE: 01/29/18 06:57

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

FRIDAY
FEBRUARY 9, 2018
040-041
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 10s
CCSL: A106
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 39h 13m 8s
0000 RTLT 39h 13m 6s

1039 H 1048 TAPPOS
U/L 1235 - - - - - TLC (LONG-FORM)
▼ 1435 DUMMY (05:48)

FDS MODE
XB DATA RATE(MI)
CR-5T
160(32)

31 DSN COVERAGE

1025 |-----| 14 [T] |-----| 1545
|-----| 10
|-----| 40
0235 |-----| 63 [D]
|-----| 60

32 DSN COVERAGE

34 [DA] |-----| 0950
35 [DAR] |-----| 0950
0850 |-----| 0950 36 [DA]
|-----| 40
0345 |-----| 36 [DA]
0345 |-----| 35 [DAR]

S/C 32
INITIAL CONDITIONS
RTLT: 32h 32m 14s
CCSL: B178
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 32h 32m 14s
0000 RTLT 32h 32m 16s

FDS MODE
XB DATA RATE(MI)
CR-5T
160(32)

VGR COVERAGE
ON CALL | VGR | ON CALL

NOTES

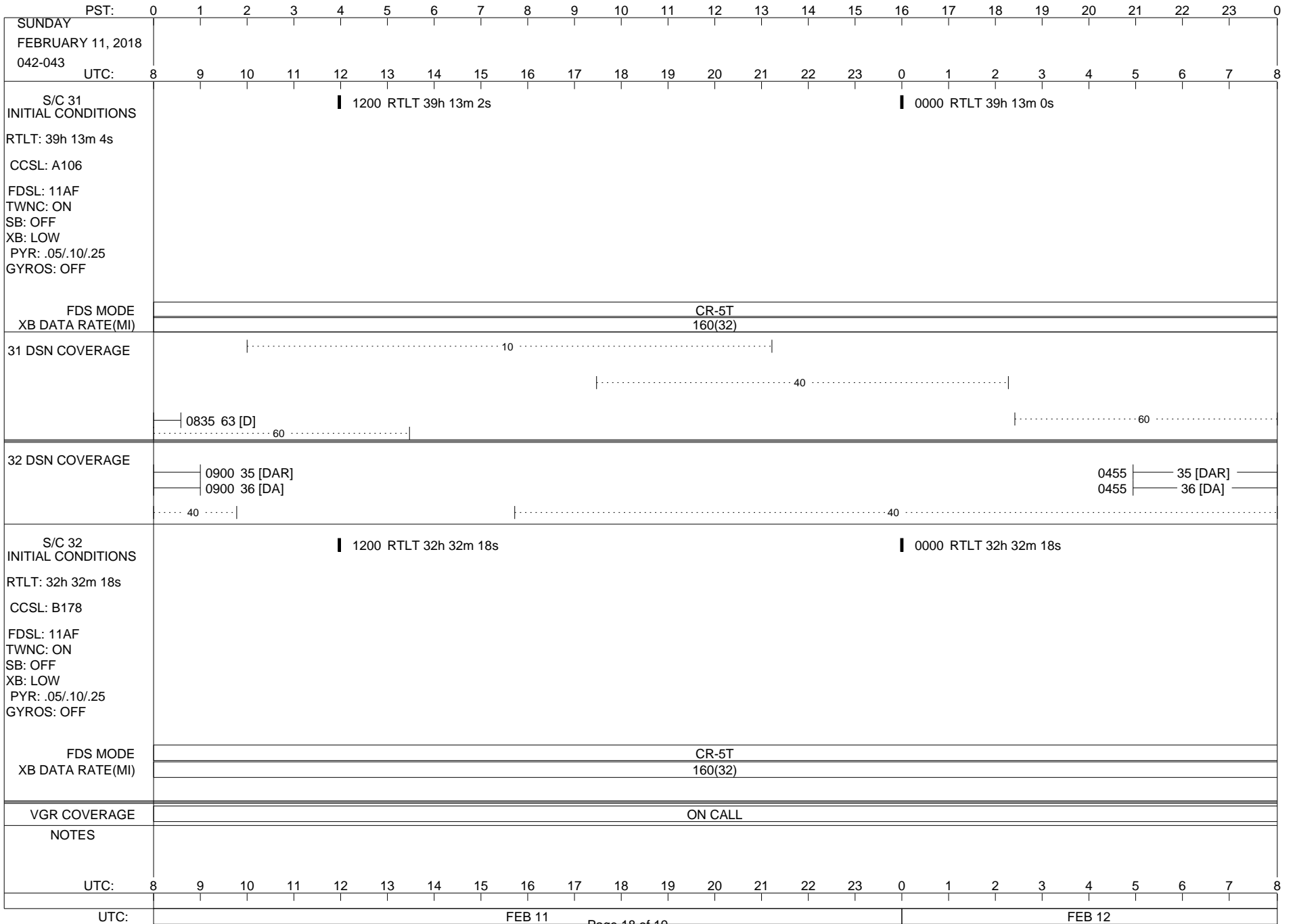
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UTC: FEB 09 Page 16 of 19 FEB 10

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S/C 31 INITIAL CONDITIONS RTLT: 39h 13m 6s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 13m 6s												0000 RTLT 39h 13m 4s																	
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												D/L - 0516																	
31 DSN COVERAGE 10 40																			
	0820 63 [D] 60						0240 63 [D] 60											
32 DSN COVERAGE	0905 36 [DA] 40																			
	0905 35 [DAR]										0310 35 [DAR]										0310 36 [DA]									
S/C 32 INITIAL CONDITIONS RTLT: 32h 32m 16s CCSL: B178 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 32m 16s												0000 RTLT 32h 32m 18s																	
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												ON CALL																	
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 10												FEB 11																	

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