

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: January 15, 2014

For the Period: 01/16/14 to 02/10/14 (14-016 – 14-041)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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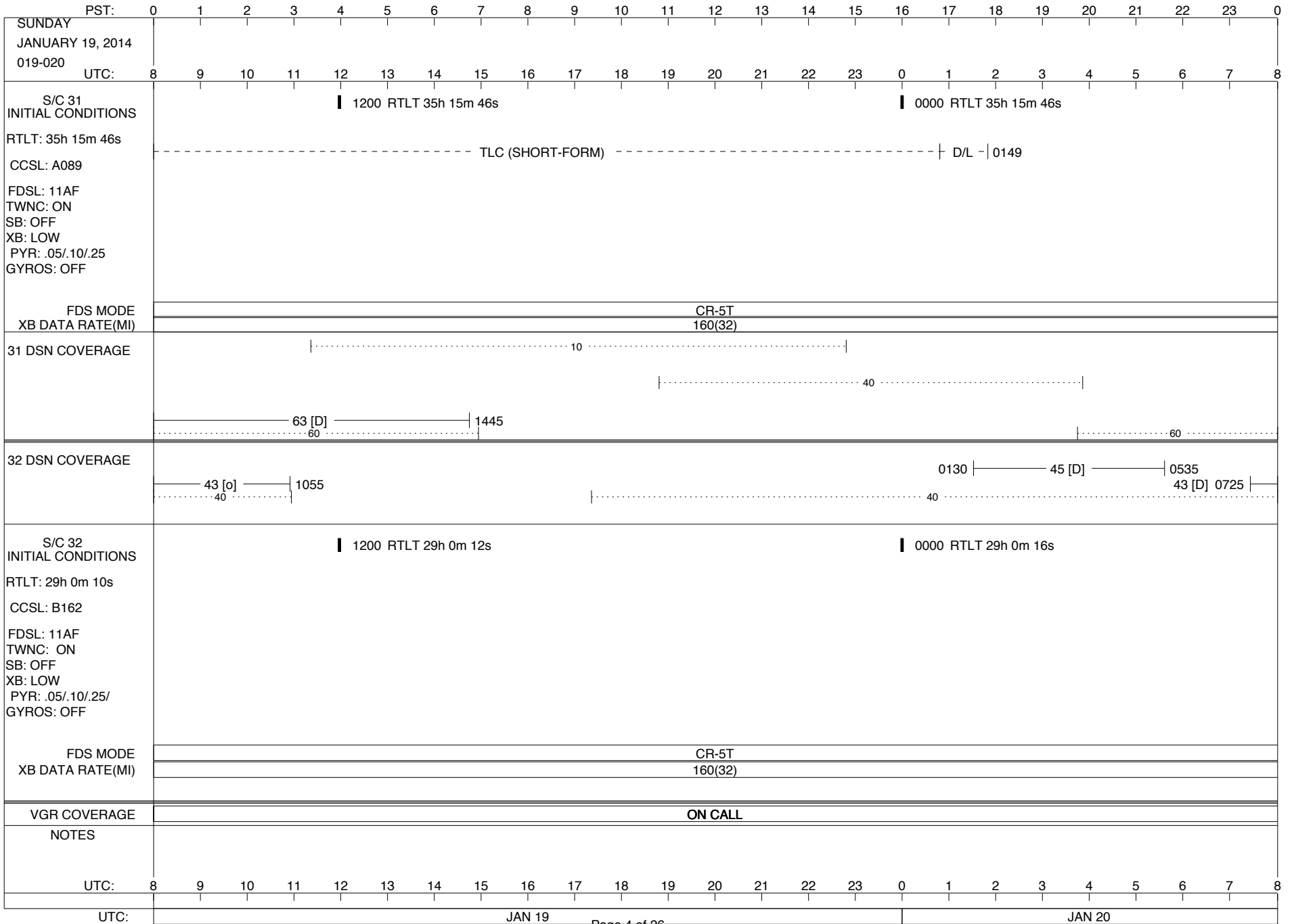
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U =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

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

ISSUE DATE: 01/27/14 20:13

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 RTLTL: 35h 15m 44s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 35h 15m 44s												█ 0000 RTLTL 35h 15m 44s												
													0131 - 0200 TAPPOS 0432 0434 PWS/RH 0445 0500 TAPPOS												
													↓ 0432 GS-4B 0434												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	----- 10 -----												----- 40 -----												
	----- 60 -----												----- 60 -----												
32 DSN COVERAGE	43 [B] 0910 -----												0300 - 0715 ----- 45 [D] -----												
	----- 40 -----												----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 59m 50s CCSL: B162 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLTL 28h 59m 52s												█ 0000 RTLTL 28h 59m 56s												
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 @ 0432 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												

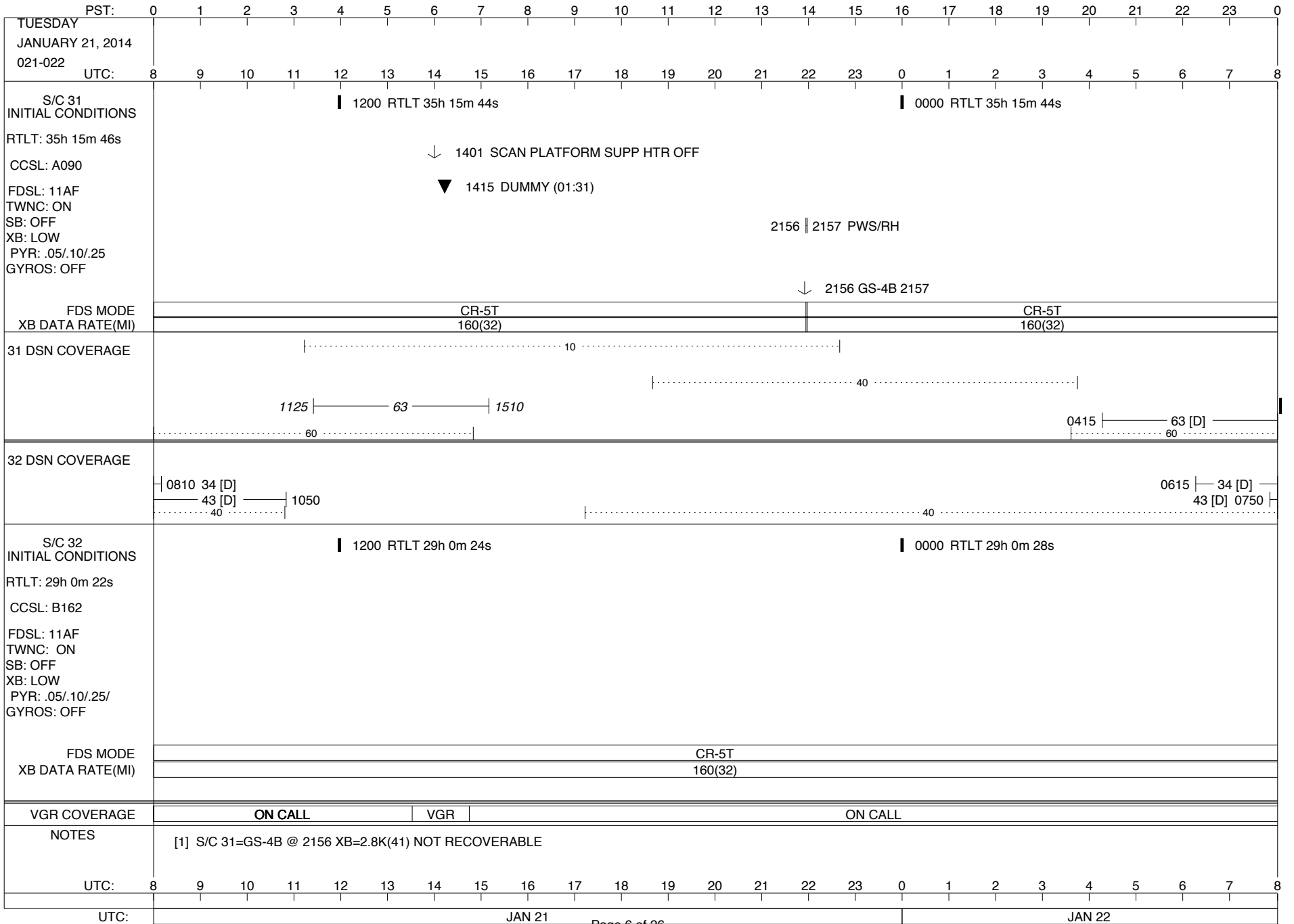
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ISSUE DATE: 01/27/14 20:13

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MONDAY JANUARY 20, 2014 020-021	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: 35h 15m 46s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 15m 46s												0000 RTLT 35h 15m 46s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	1115 63 [D] 1515												0650 34 [D] 0750												
32 DSN COVERAGE	43 [D] 1050												43 [D] 0750												
S/C 32 INITIAL CONDITIONS RTLT: 29h 0m 16s CCSL: B162 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 29h 0m 18s												0000 RTLT 29h 0m 22s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	ON CALL																								
NOTES	JPL HOLIDAY!																								
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 20												JAN 21												

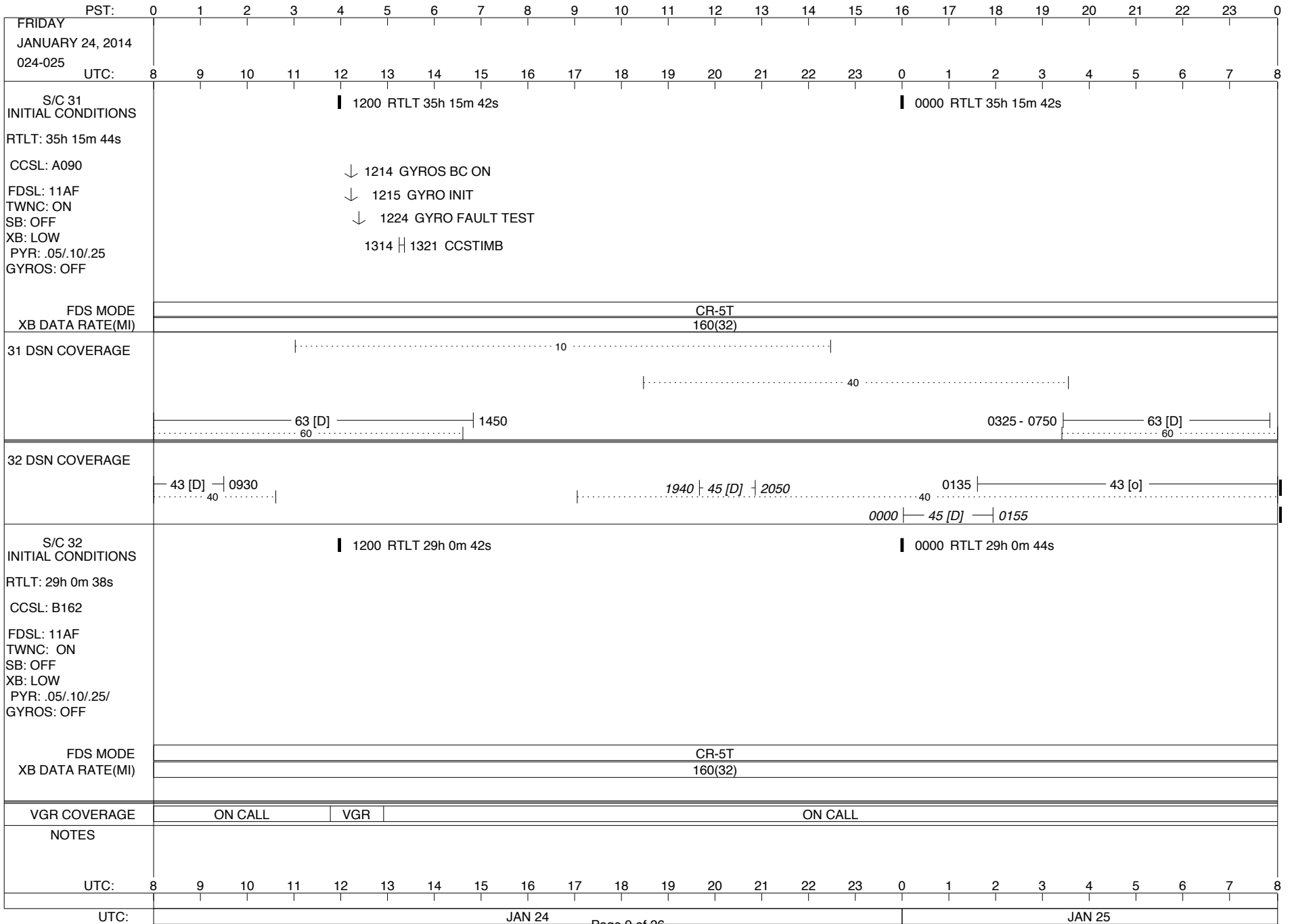
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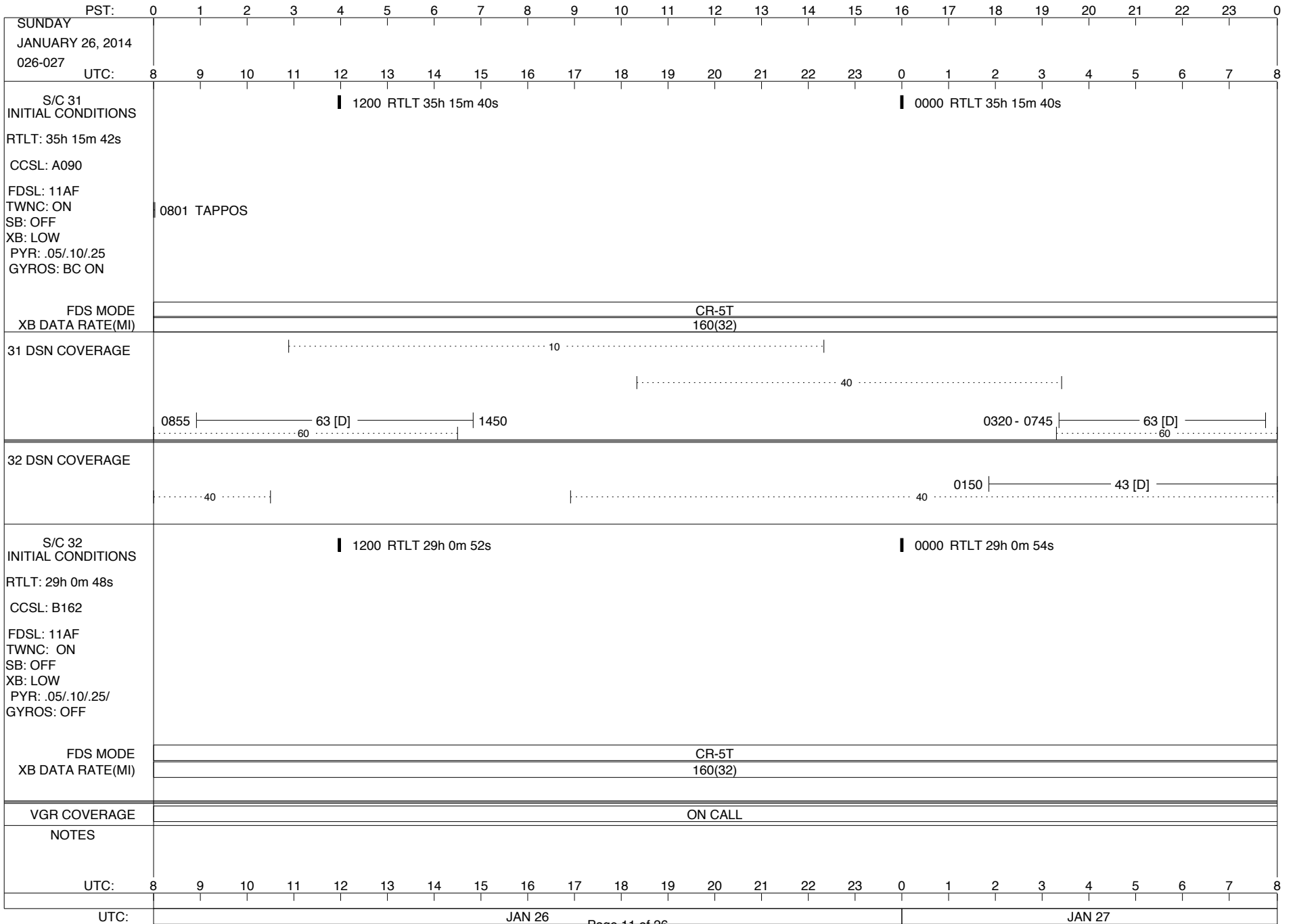
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THURSDAY JANUARY 23, 2014 023-024																									
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S/C 31 INITIAL CONDITIONS RTLT: 35h 15m 44s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█ 1200												█ 0000								
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 RTLT: 29h 0m 34s CCSL: B162 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF					█ 1200												█ 0000								
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 @ 0408 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 23												JAN 24												

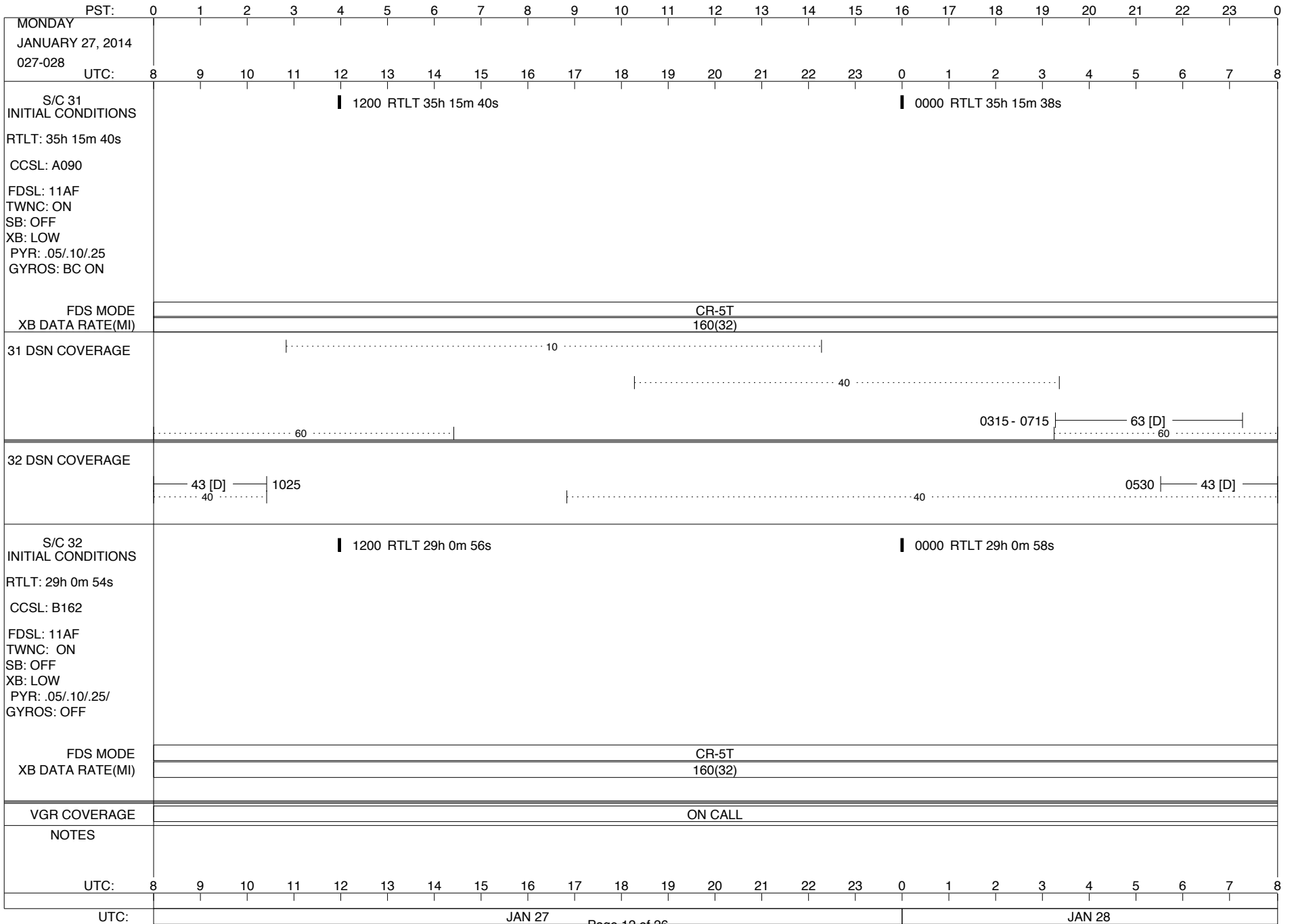
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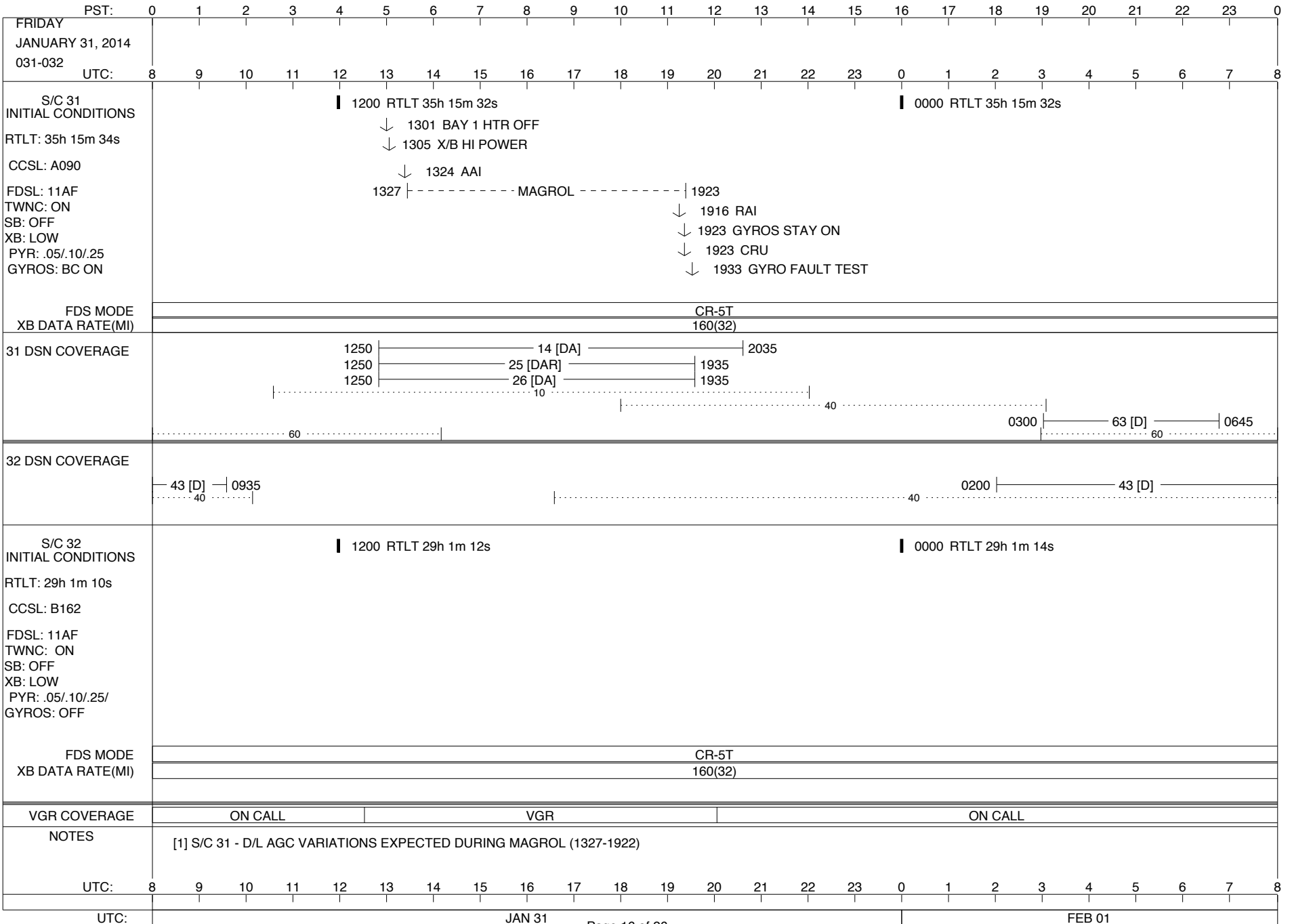
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WEDNESDAY JANUARY 29, 2014 029-030																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS RTLT: 35h 15m 38s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	█ 1200 RTLT 35h 15m 36s												█ 0000 RTLT 35h 15m 36s															
	1323 --- MAGCAL --- 1626												1323 --- PESCAL --- 1643															
	▼ 1600 DUMMY (03:16)												1625 U/L ----- TLC (SHORT-FORM) -----															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	1300 ----- 14 [T] ----- 1705												----- 40 -----															
	----- 60 -----												0305 - 0800 ----- 63 [D] ----- 60															
32 DSN COVERAGE	----- 40 -----												----- 40 ----- 0235 ----- 43 [D] -----															
S/C 32 INITIAL CONDITIONS RTLT: 29h 1m 2s CCSL: B162 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLT 29h 1m 4s												█ 0000 RTLT 29h 1m 6s															
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			
UTC:	JAN 29																JAN 30											

ISSUE DATE: 01/27/14 20:13

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
THURSDAY JANUARY 30, 2014 030-031																									
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: 35h 15m 36s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	█ 1200 RTLTL 35h 15m 34s												█ 0000 RTLTL 35h 15m 34s												
																			0043 --- 0137 TAPPOS						
																			0344 0346 PWS/RH						
																			0357 --- 0437 TAPPOS						
	----- TLC (SHORT-FORM) ----- D/L - 0519																								
	↓ 0344 GS-4B 0346																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE 10																								
 40																								
	0800 63 [D]												0330 ----- 63 [D] ----- 0645												
 60																								
32 DSN COVERAGE	----- 43 [D] ----- 1010																								
 40																								
 40												0530 ----- 43 [D] -----												
 40																								
S/C 32 INITIAL CONDITIONS RTLTL: 29h 1m 6s CCSL: B162 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLTL 29h 1m 8s												█ 0000 RTLTL 29h 1m 10s												
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 @ 0344 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 30												JAN 31												

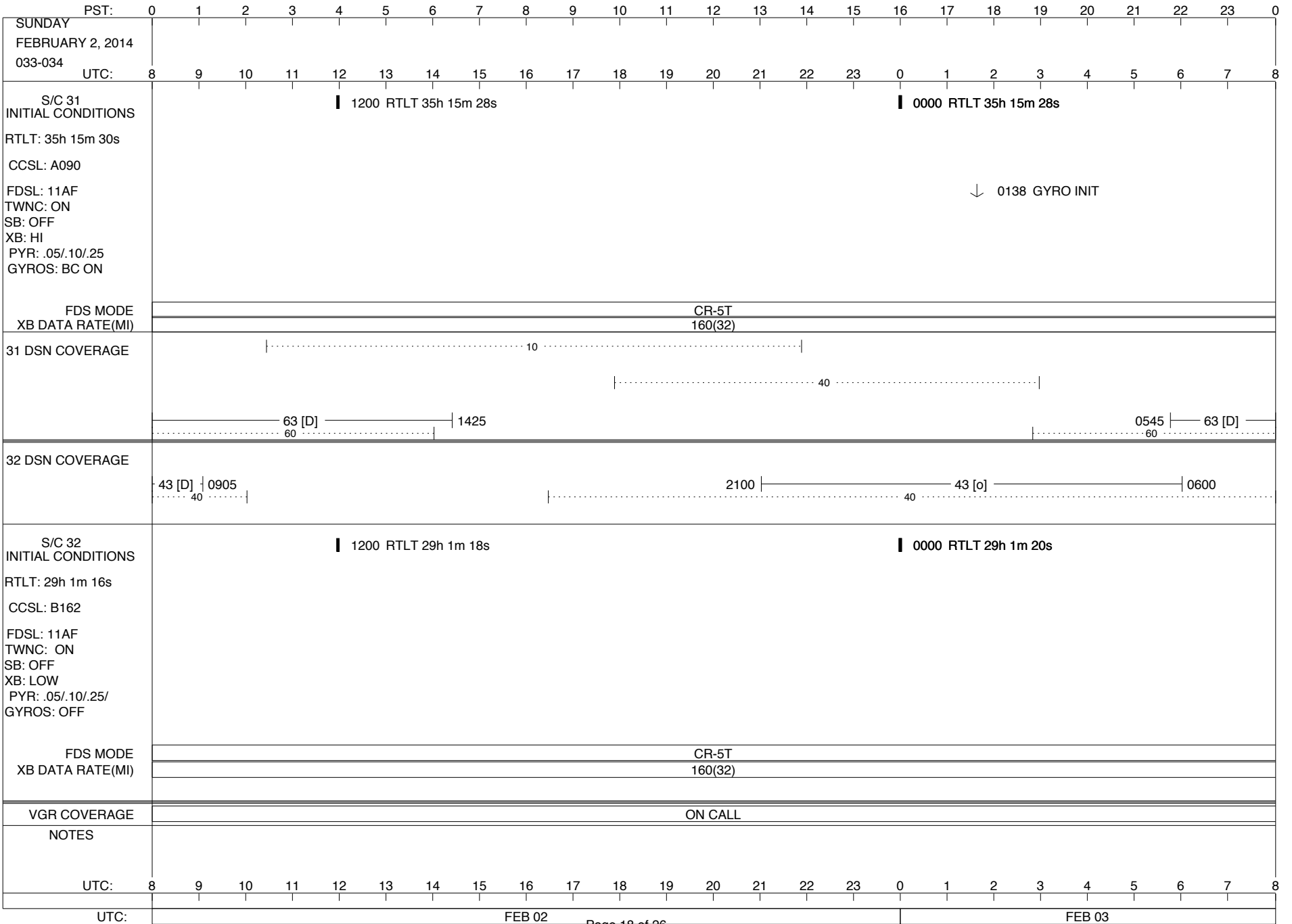
ISSUE DATE: 01/27/14 20:13



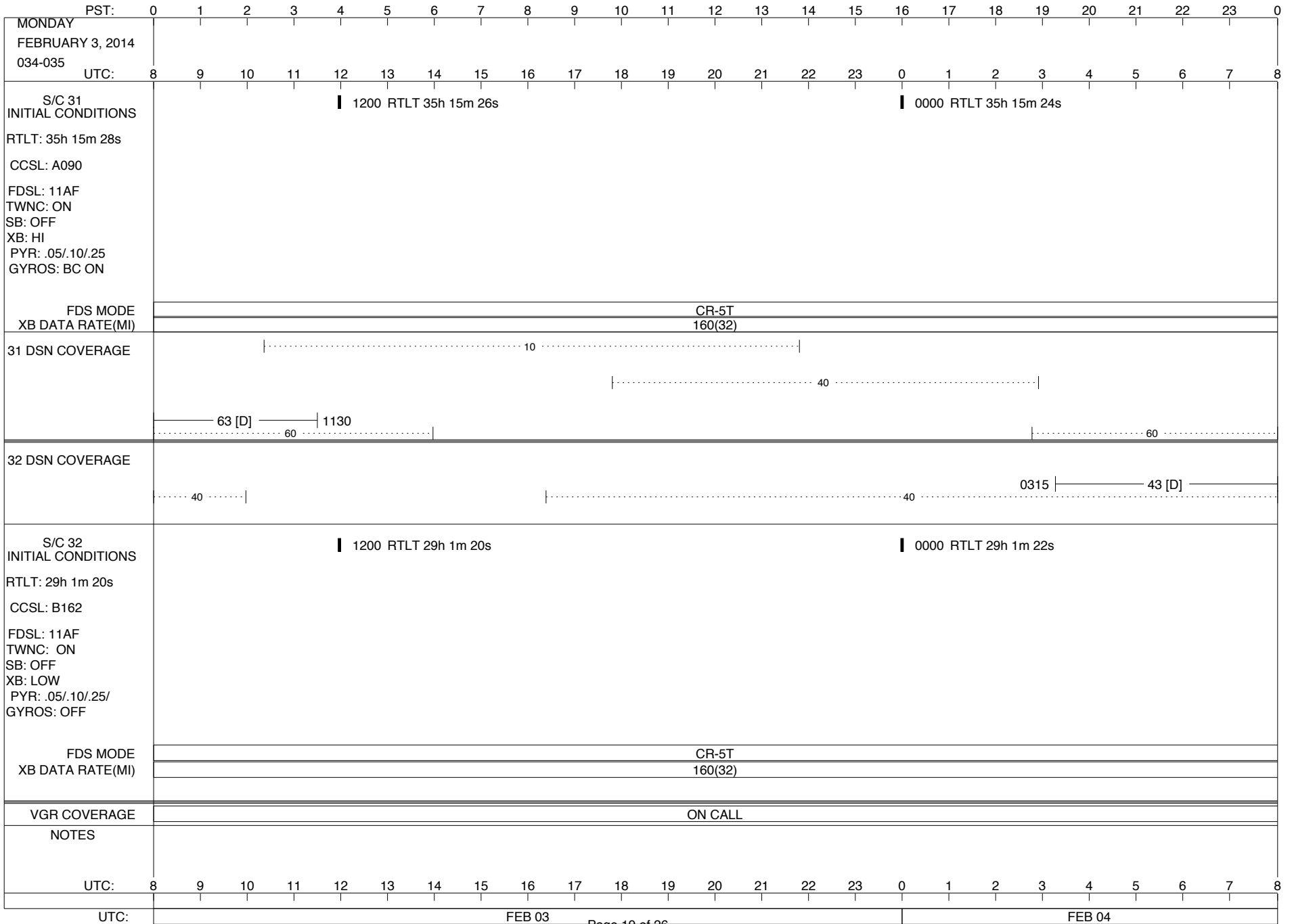
ISSUE DATE: 01/27/14 20:13

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 1, 2014 032-033																									
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: 35h 15m 32s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	█ 1200 RTLTL 35h 15m 30s												█ 0000 RTLTL 35h 15m 30s												
													0343 - - 0423 TAPPOS PWS/RH 0644 0646 TAPPOS 0657 - 0723 -												
													0644 GS-4B 0646 ↓												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1030 ----- 14 [D] ----- 1615 ----- 10 ----- ----- 40 -----												0430 ----- 63 [D] ----- ----- 60 -----												
32 DSN COVERAGE	43 [D] ----- 0940 ----- 40 -----												0350 ----- 43 [D] ----- ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 29h 1m 14s CCSL: B162 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLTL 29h 1m 14s												█ 0000 RTLTL 29h 1m 16s												
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 @ 0644 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 01												FEB 02												

ISSUE DATE: 01/27/14 20:13



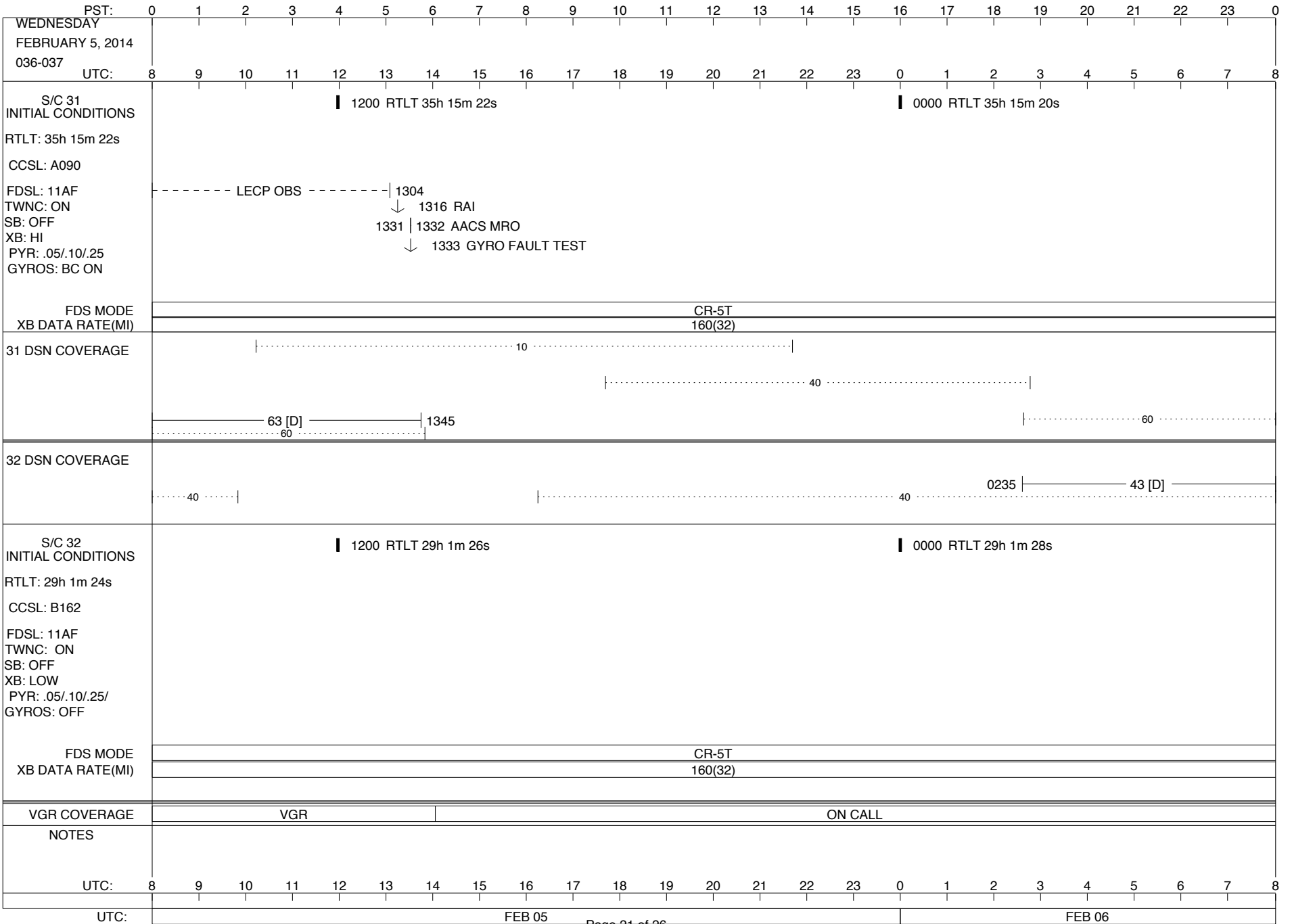
ISSUE DATE: 01/27/14 20:13



ISSUE DATE: 01/27/14 20:13

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
TUESDAY FEBRUARY 4, 2014 035-036																									
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: 35h 15m 24s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	█ 1200 RTLT 35h 15m 24s												█ 0000 RTLT 35h 15m 22s												
													2107 2108 PWS/RH												
													↓ 2107 GS-4B 2108												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE10.....40.....												
	-----65 [DA]----- 0820 - 1305												-----40-----												
	-----55 [DAR]----- 0820 - 1305												-----63 [D] 0730-----												
	-----60-----												-----60-----												
32 DSN COVERAGE	-----43 [D]----- 0955												1635 -----43 [B]----- 0220												
	-----40-----												-----40-----												
S/C 32 INITIAL CONDITIONS RTLT: 29h 1m 22s CCSL: B162 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLT 29h 1m 24s												█ 0000 RTLT 29h 1m 24s												
													▼ 2132 DUMMY (5 MIN BRACKETED 02:34)												
													2210 PLSCAL - 2352												
													2210 --- MAGCAL --- 0112												
													2210 --- PESCAL --- 0130												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												VGR			ON CALL						VGR			
NOTES	[1] S/C 31=GS-4B @ 2107 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 04												Page 20 of 26						FEB 05						

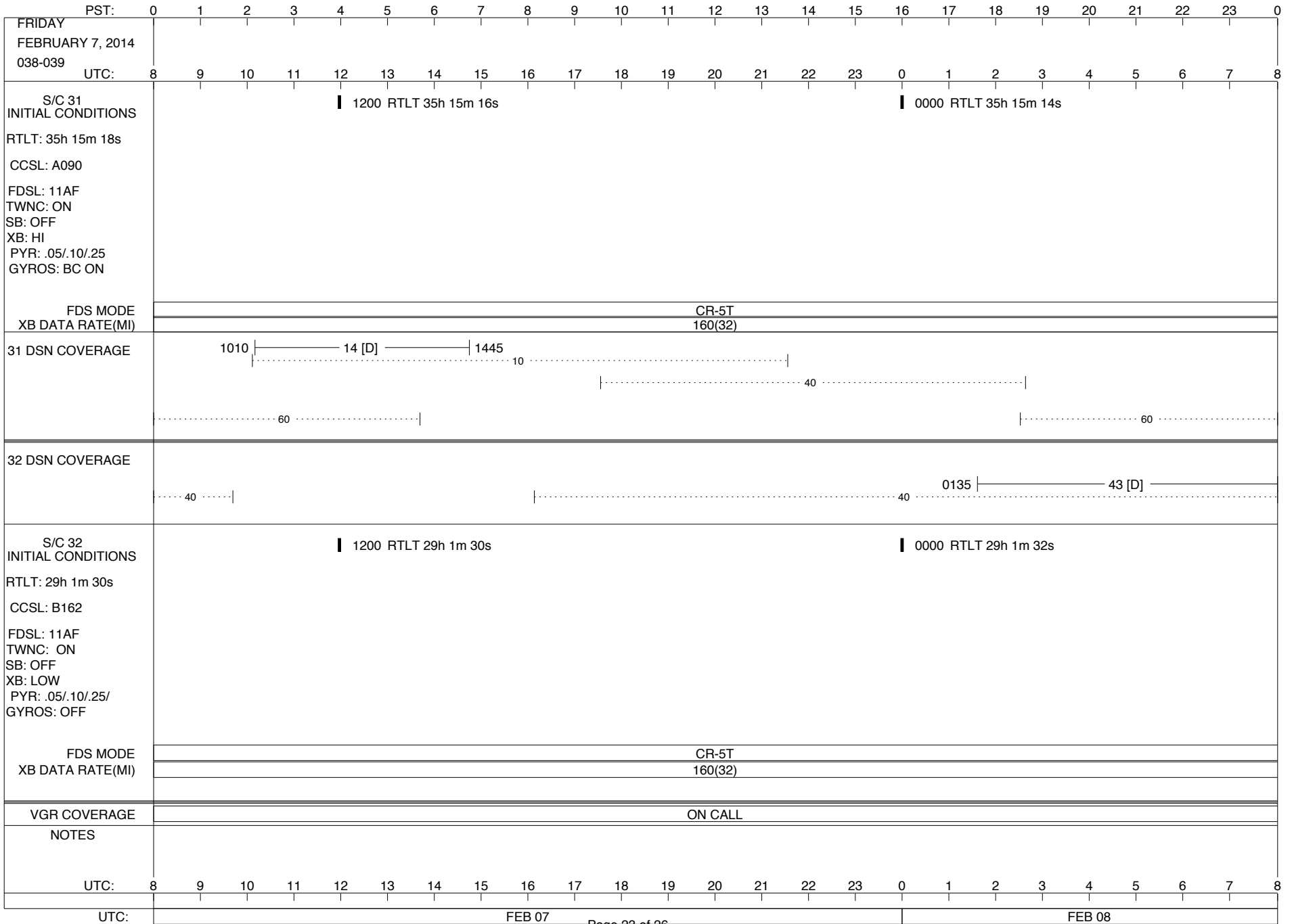
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ISSUE DATE: 01/27/14 20:13

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THURSDAY FEBRUARY 6, 2014 037-038																												
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: 35h 15m 20s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 35h 15m 18s												0000 RTLTL 35h 15m 18s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	<p>1315 ----- 14 [D] ----- 1845</p> <p>10 ----- 40 ----- </p> <p>60 ----- 60 ----- </p>																											
32 DSN COVERAGE	<p>43 [D] ----- 0915</p> <p>40 ----- 0105 ----- 34 [o] ----- 0650</p>																											
S/C 32 INITIAL CONDITIONS RTLTL: 29h 1m 28s CCSL: B162 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 29h 1m 28s												0000 RTLTL 29h 1m 30s															
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 @ 0320 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 06														FEB 07													

ISSUE DATE: 01/27/14 20:13



ISSUE DATE: 01/27/14 20:13

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
SUNDAY FEBRUARY 9, 2014 040-041	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: 35h 15m 12s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 35h 15m 10s												0000 RTLT 35h 15m 8s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	1400 ----- 14 [D] ----- 2120 ----- 10 ----- ----- 40 -----												0225 ----- 63 [D] ----- ----- 60 -----												
32 DSN COVERAGE	40 -----												0115 - 0750 ----- 43 [D] ----- ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLT: 29h 1m 32s CCSL: B162 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 29h 1m 34s												0000 RTLT 29h 1m 34s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	ON CALL																		VGR						
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 09												Page 25 of 26						FEB 10						

ISSUE DATE: 01/27/14 20:13

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 10, 2014 041-042	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: 35h 15m 8s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	<div style="display: flex; justify-content: space-between;"> 1200 RTLT 35h 15m 6s 0922 LECP OBS </div> <div style="margin-left: 100px;"> ↓ 0935 RAI 0936 0937 AACs MRO ↓ 0952 GYRO FAULT TEST </div>																								
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> 63 [D] 1100 </div>																								
32 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> 40 </div>																								
S/C 32 INITIAL CONDITIONS RTLT: 29h 1m 34s CCSL: B162 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<div style="display: flex; justify-content: space-between;"> 1200 RTLT 29h 1m 36s 0000 RTLT 29h 1m 36s </div>																								
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	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
UTC:	FEB 10												FEB 11												