

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: December 15, 2010

For the Period: 12/16/2010 to 01/03/2011 (10-350 – 11-003)

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**FLIGHT TEAM (14) 600-100**

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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 = 7-Point 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

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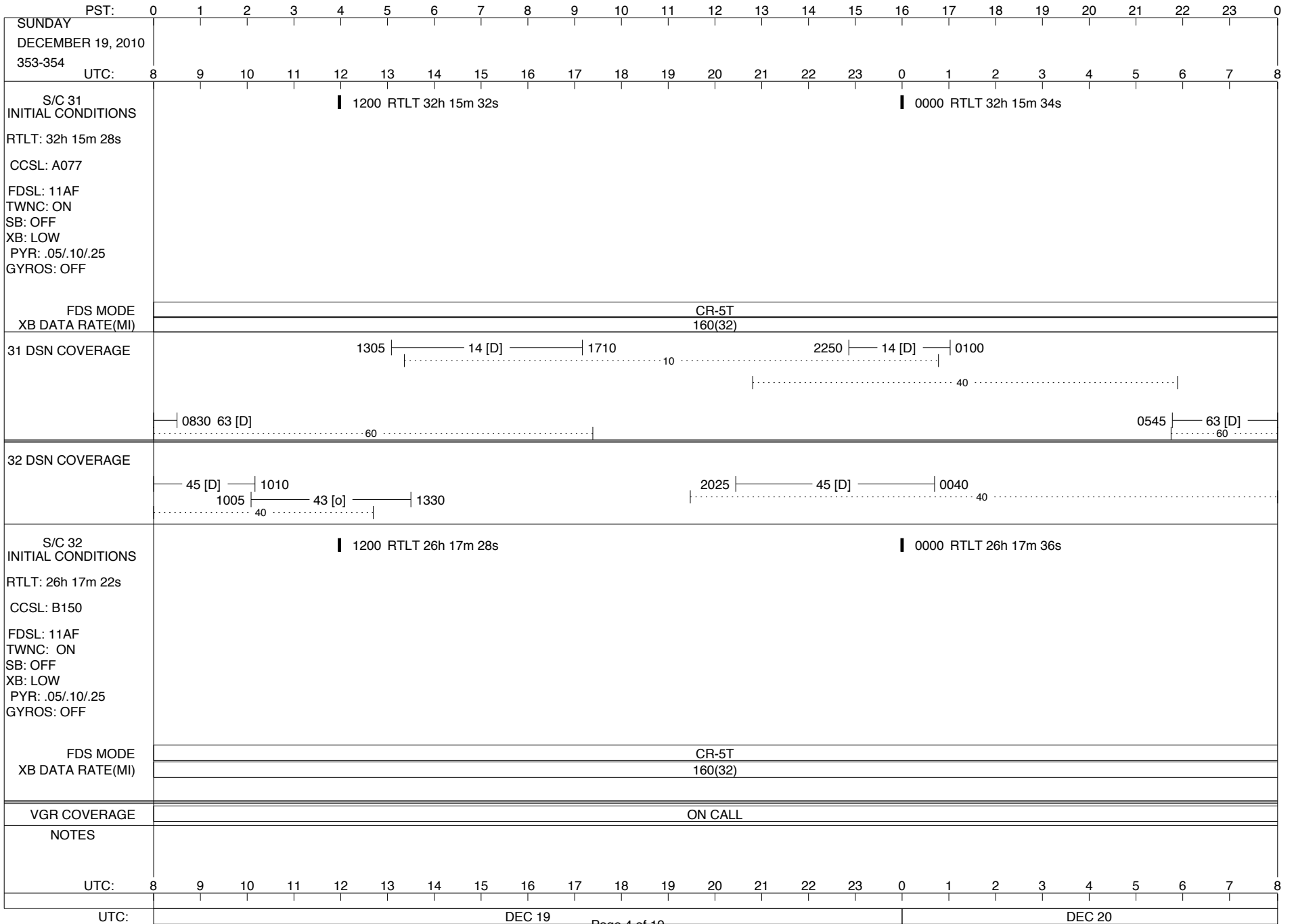
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S/C 31 INITIAL CONDITIONS RTLTL: 32h 15m 6s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 32h 15m 10s												0000 RTLTL 32h 15m 14s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	1315   14 [D]   1545												10 ..... 40 ..... 60 ..... 60												
32 DSN COVERAGE	43 [D]   1200												0310   43 [D]												
S/C 32 INITIAL CONDITIONS RTLTL: 26h 16m 38s CCSL: B150 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLTL 26h 16m 46s												0000 RTLTL 26h 16m 52s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												0803 ..... COMMAND MORATORIUM ..... 0351 AAI 0354   ..... MAGROL												
VGR COVERAGE	ON CALL												VGR												
NOTES	[1] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0341-0949)																								
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:	DEC 16												DEC 17												

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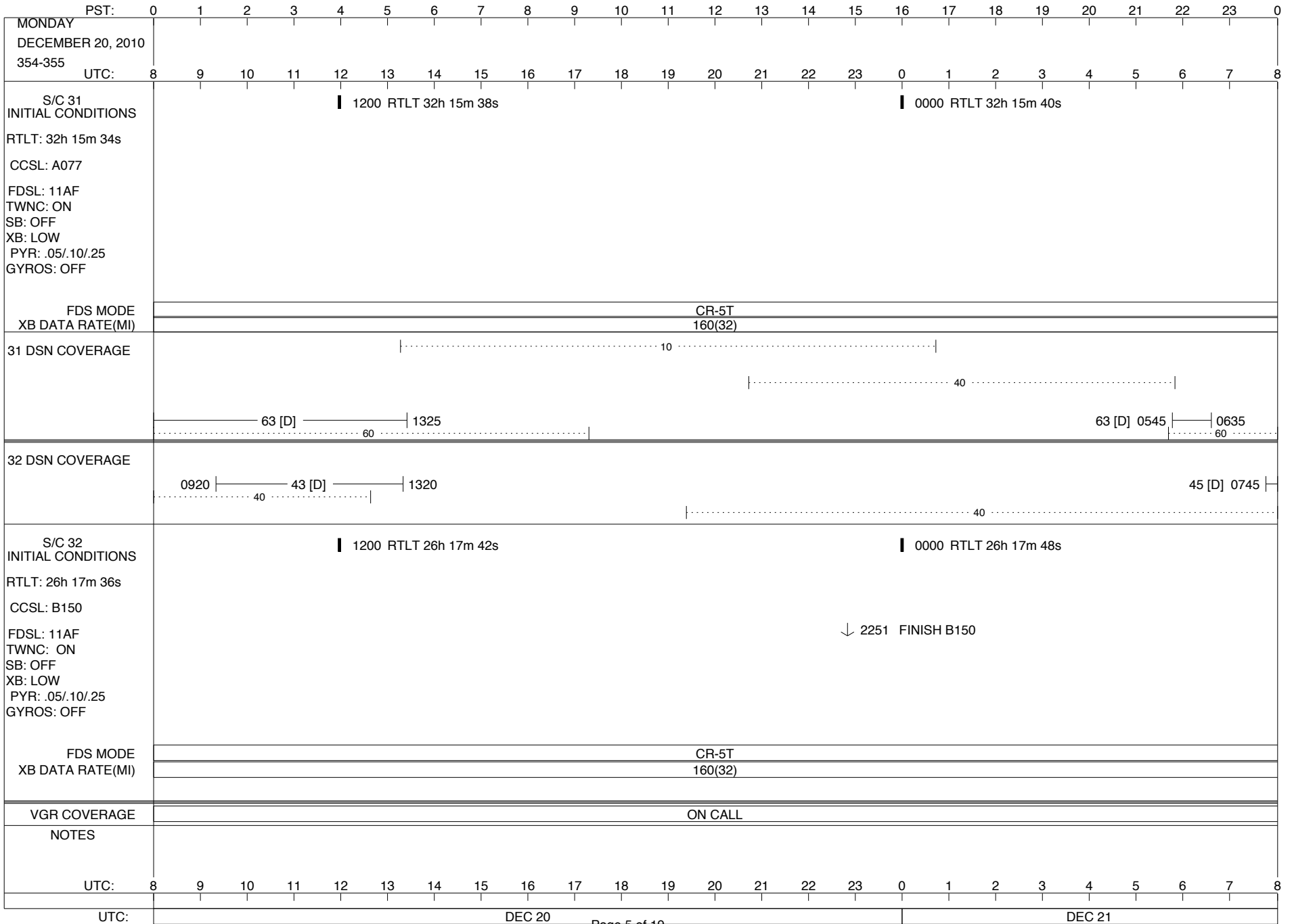
FRIDAY DECEMBER 17, 2010 351-352		PST: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0																							
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8																									
S/C 31 INITIAL CONDITIONS RTLT: 32h 15m 14s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF		1200 RTLT 32h 15m 18s												0000 RTLT 32h 15m 20s											
FDS MODE		CR-5T												CR-5T											
XB DATA RATE(MI)		160(32)												160(32)											
31 DSN COVERAGE		1310  ----- 14 [D] -----  1535  ----- 10 -----   ----- 40 -----  1530  ----- 63 [D] -----  1725  ----- 60 -----  60																							
32 DSN COVERAGE		43 [D] -----  1340 40 ----- ----- 40 -----																							
S/C 32 INITIAL CONDITIONS RTLT: 26h 16m 52s CCSL: B150 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON		1200 RTLT 26h 17m 0s												0000 RTLT 26h 17m 8s											
FDS MODE		CR-5T												CR-5T											
XB DATA RATE(MI)		160(32)												160(32)											
VGR COVERAGE		VGR												ON CALL											
NOTES		[1] S/C 31=GS-4B @ 0602 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:		DEC 17												DEC 18											

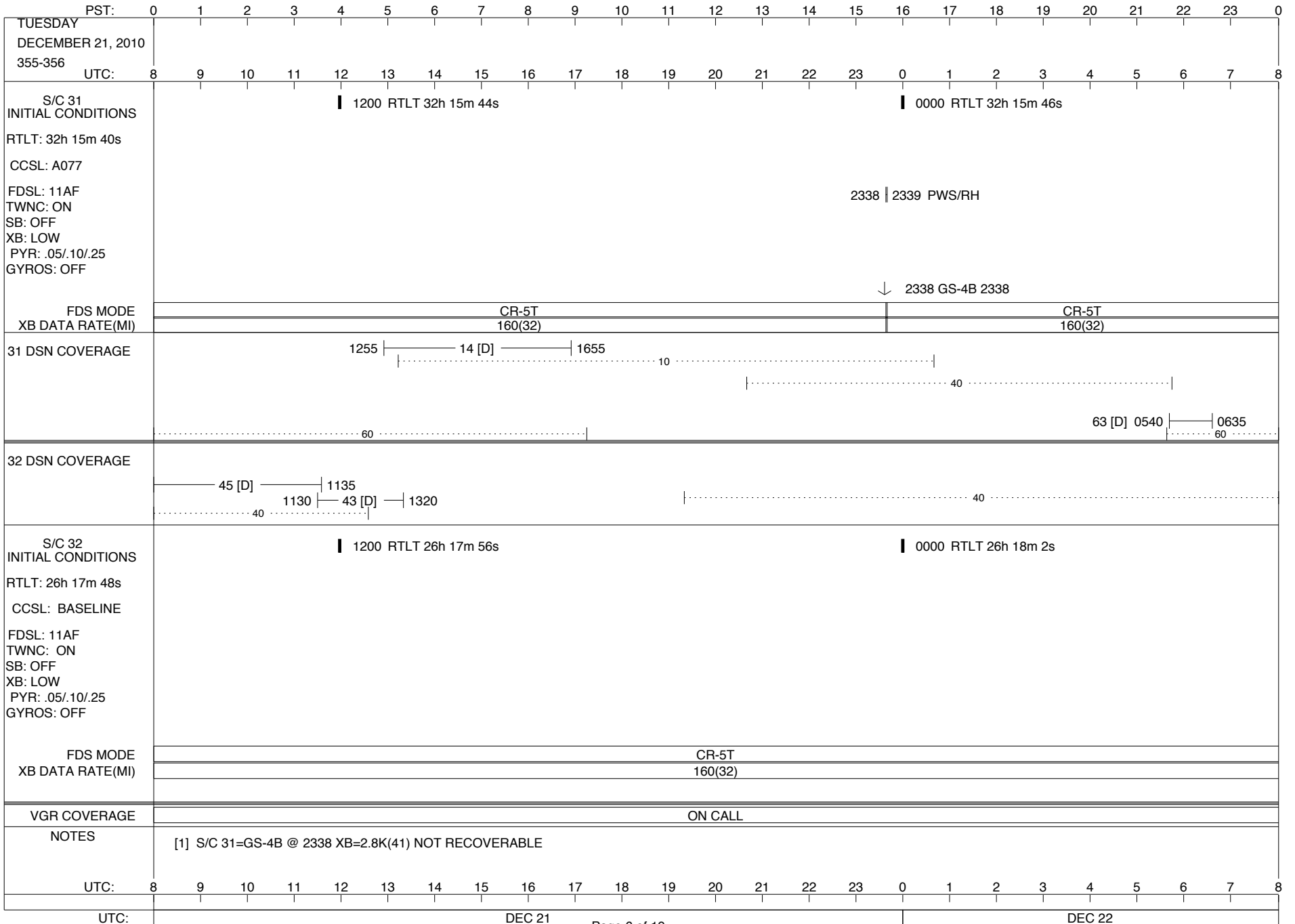


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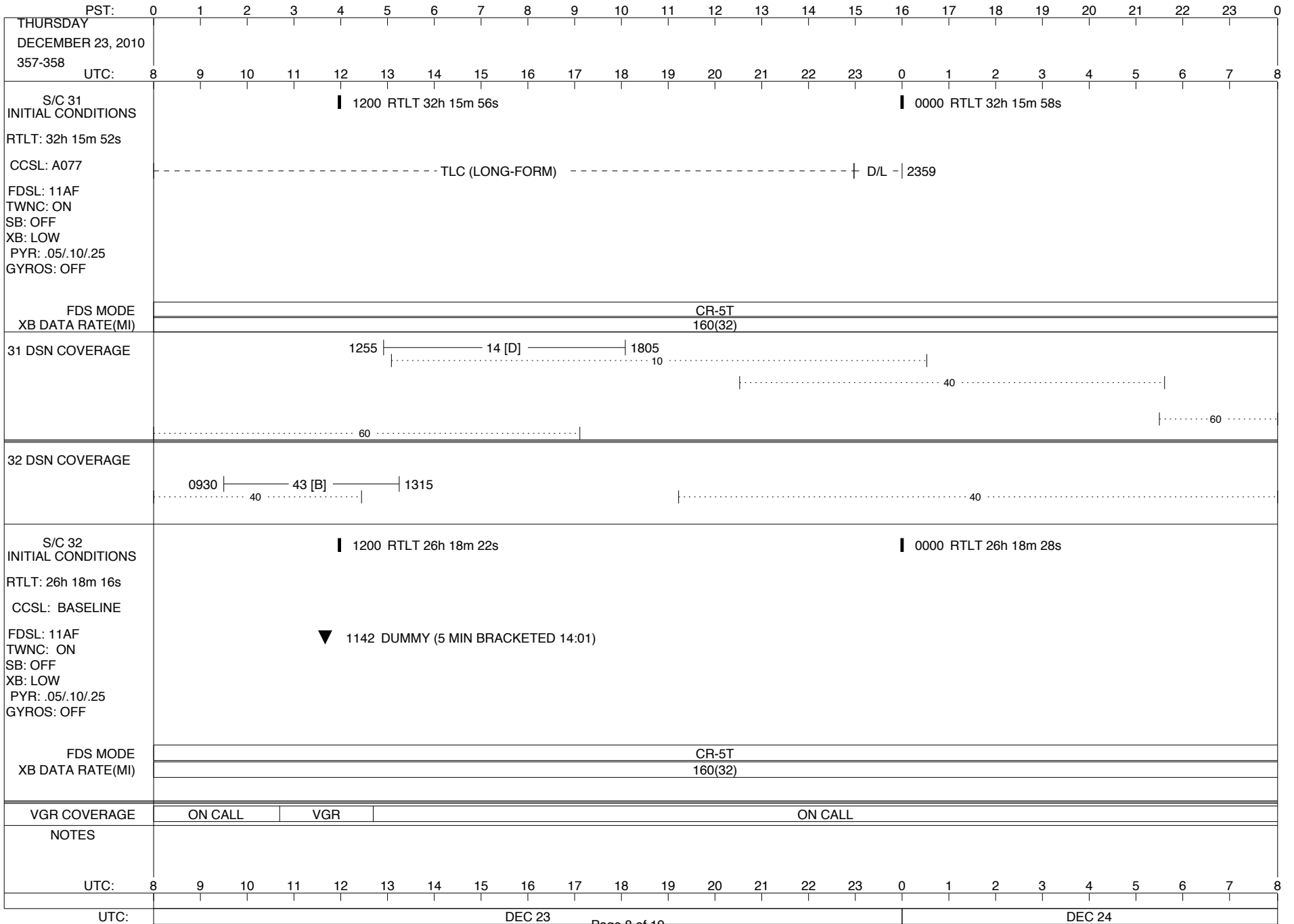


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WEDNESDAY DECEMBER 22, 2010 356-357																									
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S/C 31 INITIAL CONDITIONS RTLTL: 32h 15m 46s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 32h 15m 50s												█ 0000 RTLTL 32h 15m 52s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	.....  10  .....												.....  40  .....												
	1350  -----  63 [T]  -----  1635												0535 - 0715  -----  63 [D]  -----  60												
32 DSN COVERAGE	0920  -----  43 [D]  -----  1320												.....  40  .....												
S/C 32 INITIAL CONDITIONS RTLTL: 26h 18m 2s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 26h 18m 10s												█ 0000 RTLTL 26h 18m 16s												
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:	DEC 22												DEC 23												

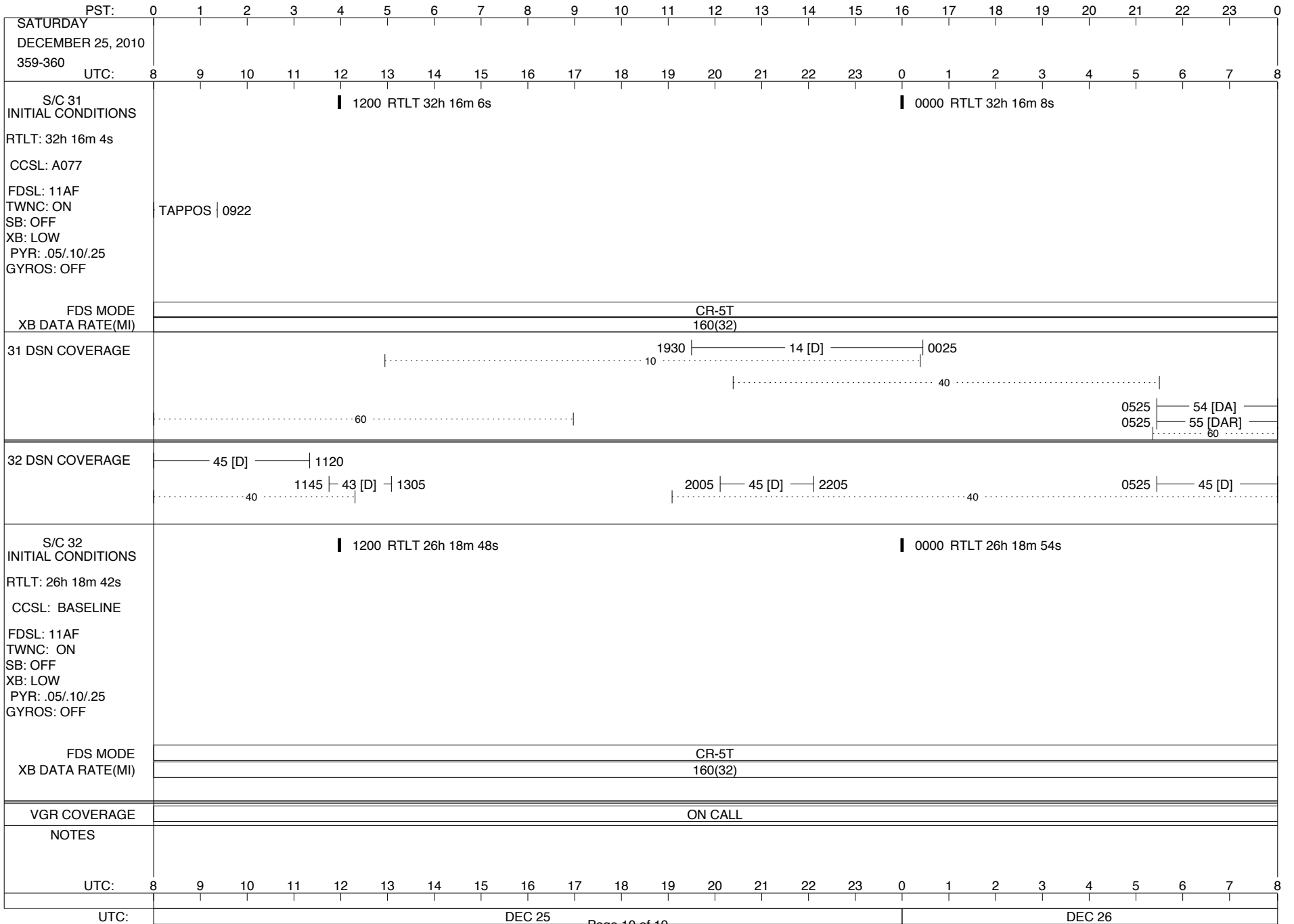


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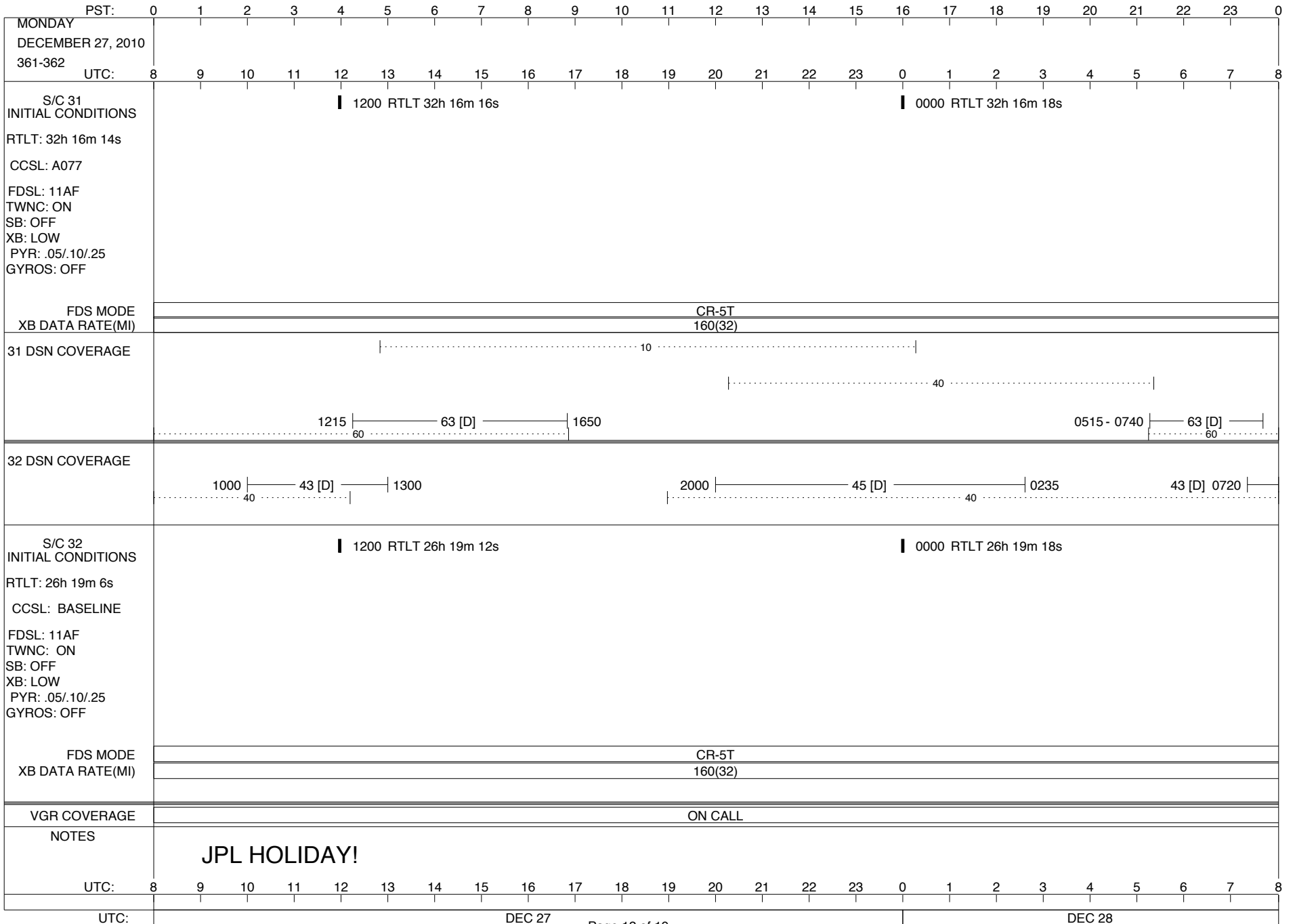


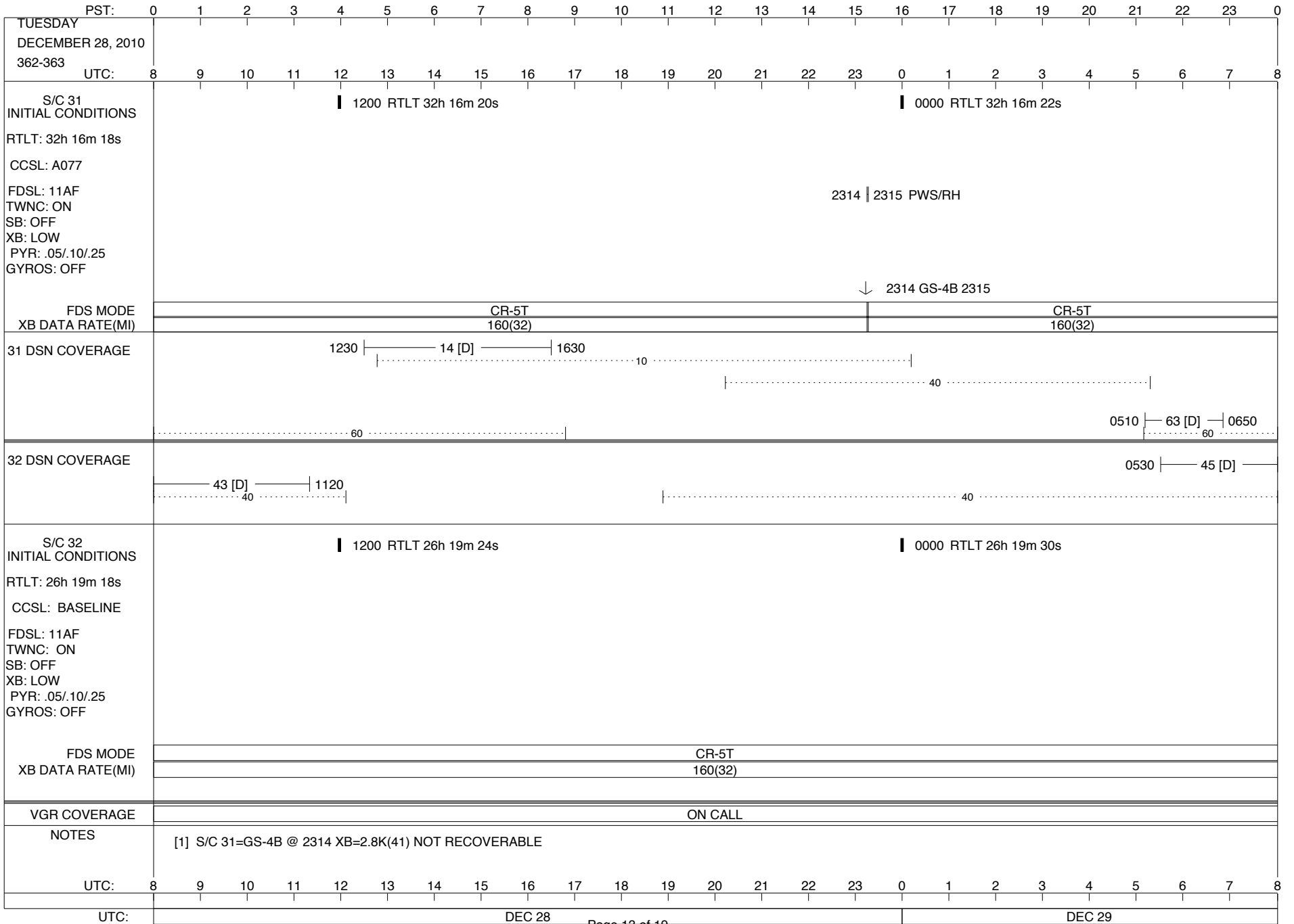
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UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS RTLT: 32h 15m 58s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 32h 16m 0s														0000 RTLT 32h 16m 4s													
FDS MODE		CR-5T														CR-5T													
XB DATA RATE(MI)		160(32)														160(32)													
31 DSN COVERAGE		<p>1245  ----- 14 [D] -----  1820</p> <p>..... 10 .....</p> <p>..... 40 .....</p> <p>..... 60 .....</p>																											
32 DSN COVERAGE		<p>0900  ----- 43 [D] -----  1310</p> <p>..... 40 .....</p> <p>2010  ----- 45 [D] -----  0015</p> <p>..... 40 .....</p> <p>0615  ----- 45 [D] ----- </p>																											
S/C 32 INITIAL CONDITIONS RTLT: 26h 18m 28s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 26h 18m 34s														0000 RTLT 26h 18m 42s													
FDS MODE		CR-5T														CR-5T													
XB DATA RATE(MI)		160(32)														160(32)													
VGR COVERAGE		ON CALL																											
NOTES		<p>[1] S/C 31=GS-4B @ 0538 XB=2.8K(41) NOT RECOVERABLE</p> <p><b>JPL HOLIDAY!</b></p>																											
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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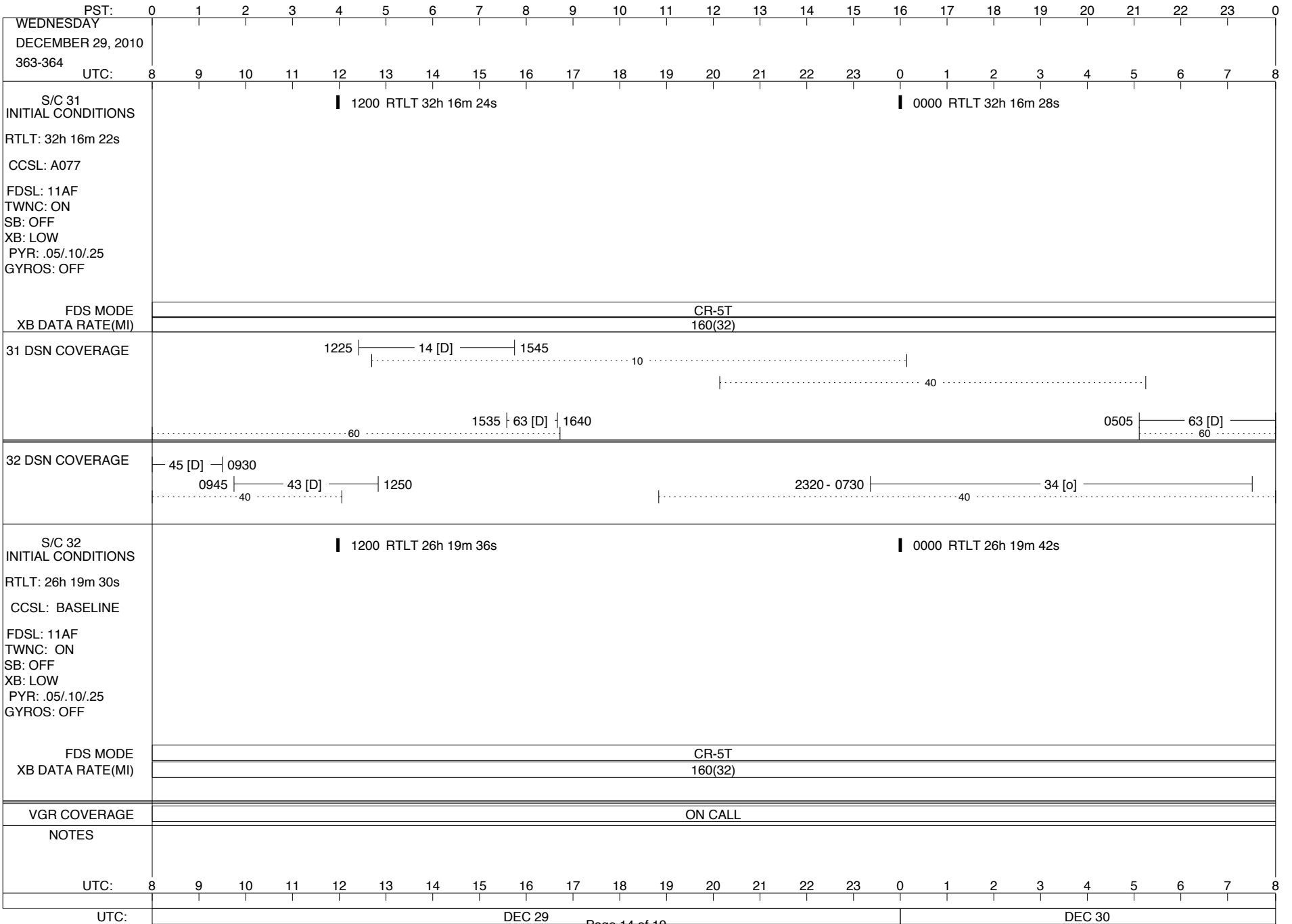


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SUNDAY DECEMBER 26, 2010 360-361	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLT: 32h 16m 8s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 16m 12s												0000 RTLT 32h 16m 14s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	1235  ----- 14 [D] -----  1545												1930  ----- 14 [D] -----  0005													
	0805 54 [DA] 0805 55 [DAR]												10 ..... 40 .....													
	60 .....												60 .....													
32 DSN COVERAGE	45 [D] -----  1115												0105  ----- 43 [D] -----  0515													
	40 .....												40 .....													
S/C 32 INITIAL CONDITIONS RTLT: 26h 18m 54s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 26h 19m 0s												0000 RTLT 26h 19m 6s													
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:	DEC 26													DEC 27												





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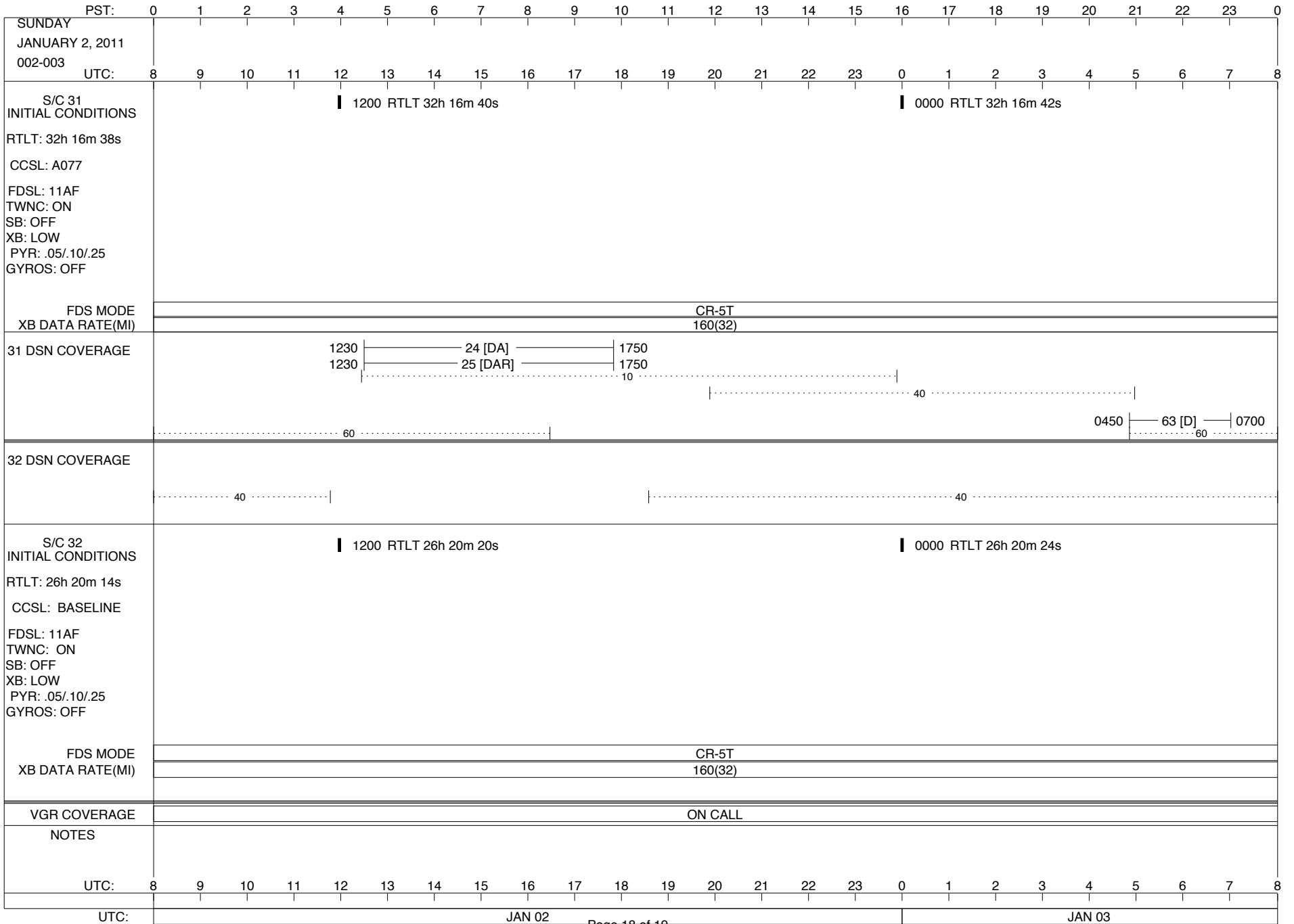




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PST:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	
SATURDAY JANUARY 1, 2011 001-002																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLTL: 32h 16m 34s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLTL 32h 16m 36s												█ 0000 RTLTL 32h 16m 38s													
TAPPOS   0926																										
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	<p>1210  ----- 14 [D] -----  1510</p> <p>..... ----- 10 ----- </p> <p>..... ----- 40 ----- </p> <p> ----- 0840 63 [D] ----- </p> <p>..... ----- 60 ----- </p> <p>..... ----- 0455 ----- 63 [D] -----  0705</p> <p>..... ----- 60 ----- </p>																									
32 DSN COVERAGE	<p>43 [D]   0900</p> <p>..... ----- 40 ----- </p> <p>..... ----- 2215 ----- 45 [D] -----  0510</p> <p>..... ----- 40 ----- </p>																									
S/C 32 INITIAL CONDITIONS RTLTL: 26h 20m 4s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLTL 26h 20m 10s												█ 0000 RTLTL 26h 20m 14s													
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 01													JAN 02												

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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		
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S/C 31 INITIAL CONDITIONS RTLT: 32h 16m 42s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 32h 16m 44s																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	1205  ----- 14 [D] -----  1545  ..... 10 .....   ..... 60 .....																										
32 DSN COVERAGE	0845  ----- 43 -----  1230  ..... 40 .....																										
S/C 32 INITIAL CONDITIONS RTLT: 26h 20m 24s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 26h 20m 30s																										
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 03													JAN 04													