

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: December 8, 2010

For the Period: 12/09/2010 to 12/27/2010 (10-343 – 10-361)

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SCIENCE

FLIGHT TEAM (14) 600-100

DSOT (1) 230-102

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 Ludwig, R. (2)
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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

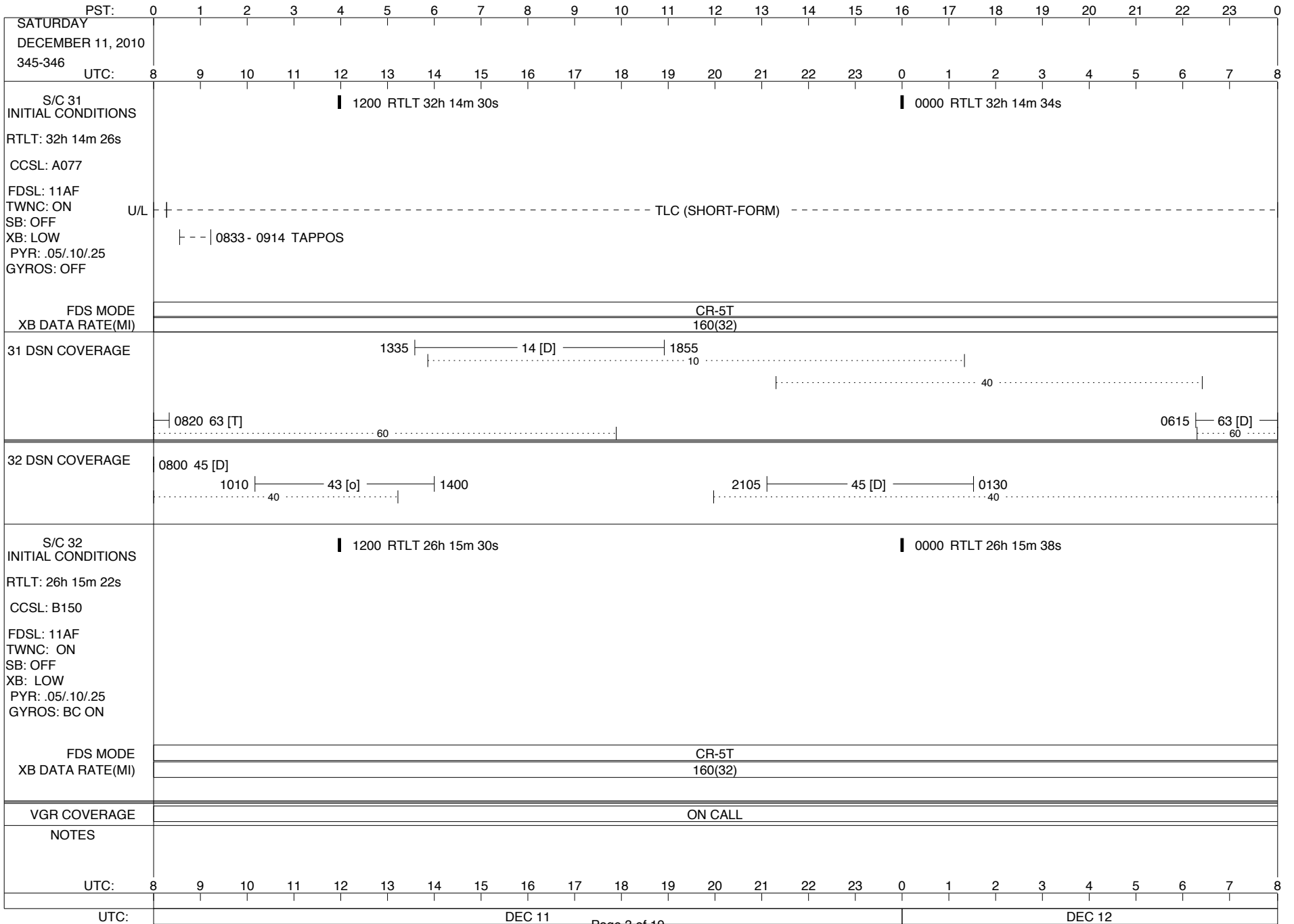
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S/C 31 INITIAL CONDITIONS RTLTL: 32h 14m 8s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 32h 14m 14s												█ 0000 RTLTL 32h 14m 18s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	1340 ----- 14 [D] ----- 1740 ----- 10 ----- ----- 40 ----- ----- 60 -----												0630 ----- 63 [D] ----- ----- 60 -----												
32 DSN COVERAGE	1005 ----- 43 [D] ----- 1410 ----- 40 -----												0155 ----- 45 [D] ----- 0430 ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 26h 14m 50s CCSL: B150 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	█ 1200 RTLTL 26h 14m 58s												█ 0000 RTLTL 26h 15m 6s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL												VGR ON CALL												
NOTES	0800 ----- COMMAND MORATORIUM -----																								
													↓ 0240 GYRO SWAP BC ON ↓ 0241 GYRO INIT ↓ 0250 GYRO FAULT TEST 0340 0347 CCSTIMB (FINE)												
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 09												DEC 10												

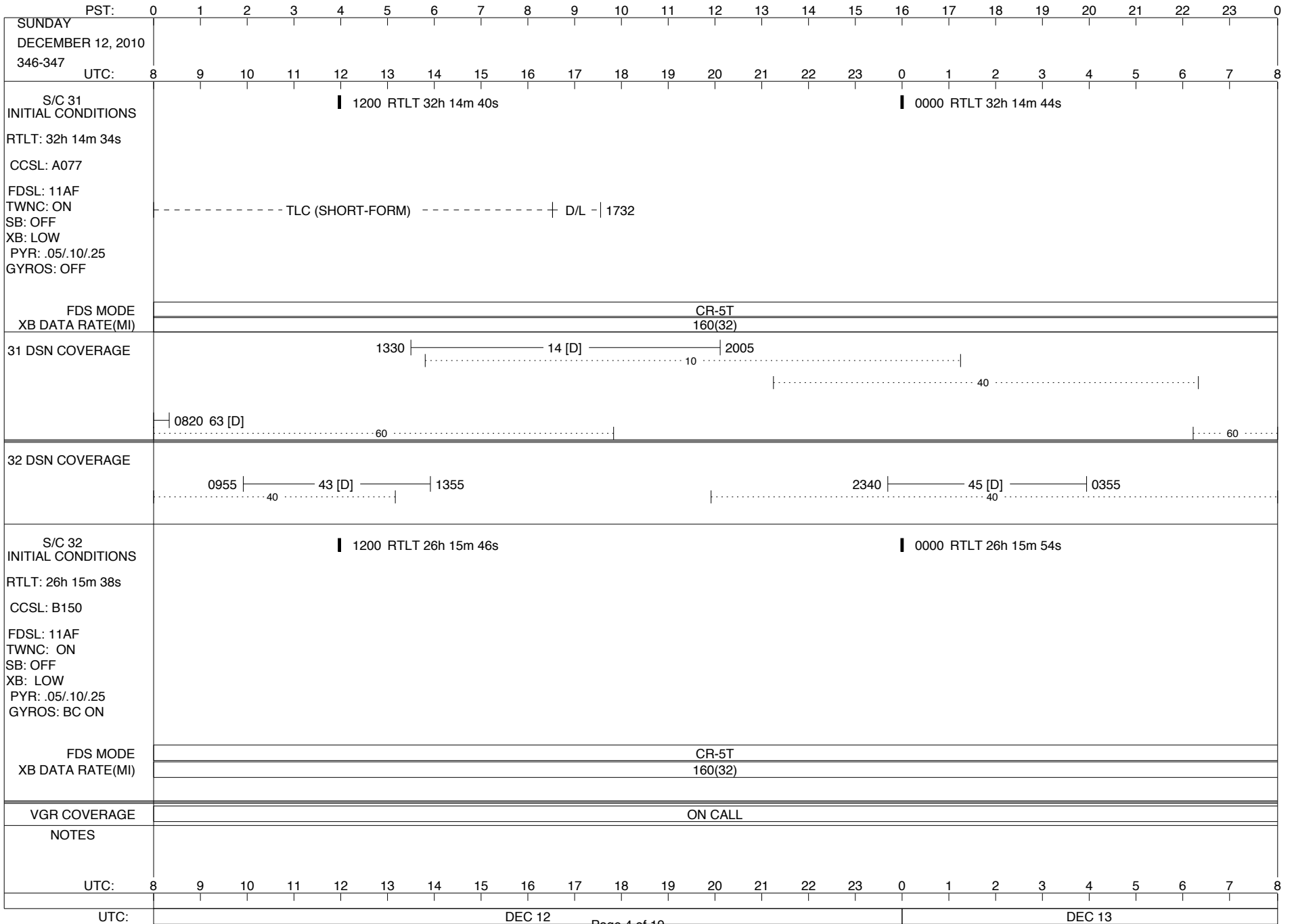
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FRIDAY DECEMBER 10, 2010 344-345	
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8	
S/C 31 INITIAL CONDITIONS RTLT: 32h 14m 18s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p>1200 RTLT 32h 14m 22s</p> <p>0000 RTLT 32h 14m 26s</p> <p>0323 - 0350 TAPPOS</p> <p>PWS/RH 0625 0626</p> <p>U/L 0750 </p> <p>0625 GS-4B 0626 ↓</p>
FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)
31 DSN COVERAGE	<p>63 [D] 1755 0620 63 [T]</p> <p>60 60</p>
32 DSN COVERAGE	<p>1000 43 [D] 1405 0400 - 0800 45 [D]</p> <p>40 40</p>
S/C 32 INITIAL CONDITIONS RTLT: 26h 15m 6s CCSL: B150 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: BC ON	<p>1200 RTLT 26h 15m 14s</p> <p>0000 RTLT 26h 15m 22s</p> <p>COMMAND MORATORIUM 0025</p>
FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)
VGR COVERAGE	ON CALL
NOTES	[1] S/C 31=GS-4B @ 0625 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 10 DEC 11

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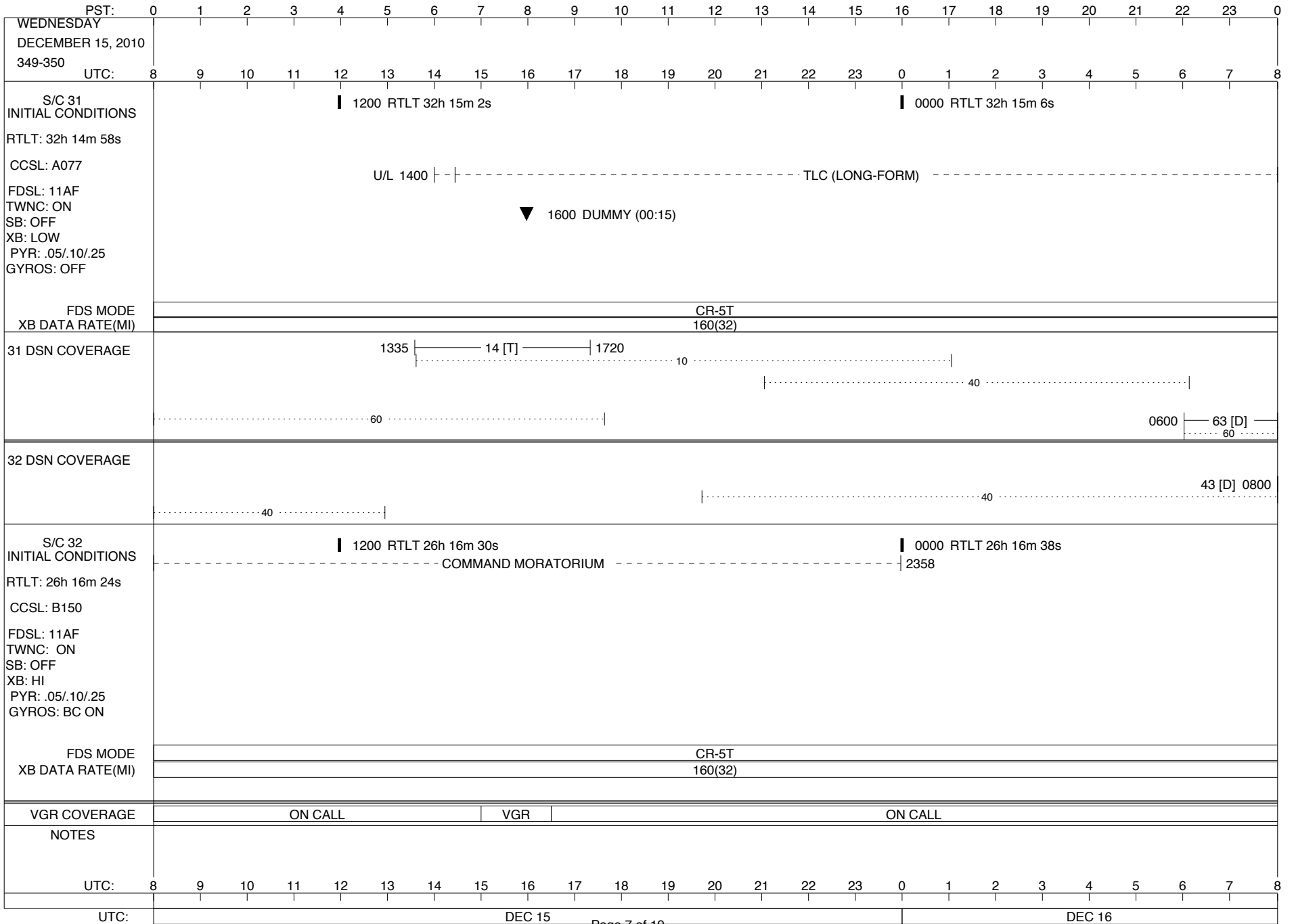
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MONDAY DECEMBER 13, 2010 347-348																										
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S/C 31 INITIAL CONDITIONS RTLTL: 32h 14m 44s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█ 1200																					
FDS MODE XB DATA RATE(MI)																										
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS RTLTL: 26h 15m 54s CCSL: B150 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON					█ 1200																					
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:	DEC 13													DEC 14												

ISSUE DATE: 12/08/10 17:40

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TUESDAY DECEMBER 14, 2010 348-349																												
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 14m 52s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 32h 14m 56s														0000 RTLT 32h 14m 58s													
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
31 DSN COVERAGE	<p>1325 ----- 14 [D] ----- 1725</p> <p>..... 10</p> <p>..... 40</p> <p> 0815 63 [D] 60</p>																											
32 DSN COVERAGE	<p>----- 43 [D] ----- 1120</p> <p>..... 40</p> <p>0200 - 0750 ----- 43 [DAR] ----- </p> <p>0200 45 [DA] 0400</p> <p>..... 40</p>																											
S/C 32 INITIAL CONDITIONS RTLTL: 26h 16m 8s CCSL: B150 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: BC ON	1200 RTLT 26h 16m 16s														0000 RTLT 26h 16m 24s													
FDS MODE	CR-5T														EH-12				CR-5T									
XB DATA RATE(MI)	160(32)																		160(32)									
VGR COVERAGE	ON CALL														VGR				ON CALL									
NOTES	<p>[2] S/C 32=EH-12 @ 0231 XB=1.2K(39)</p> <p>[1] S/C 31=GS-4B @ 0002 XB=2.8K(41) NOT RECOVERABLE</p> <p>[3] S/C 32=CR-5T @ 0334 XB=160(32)</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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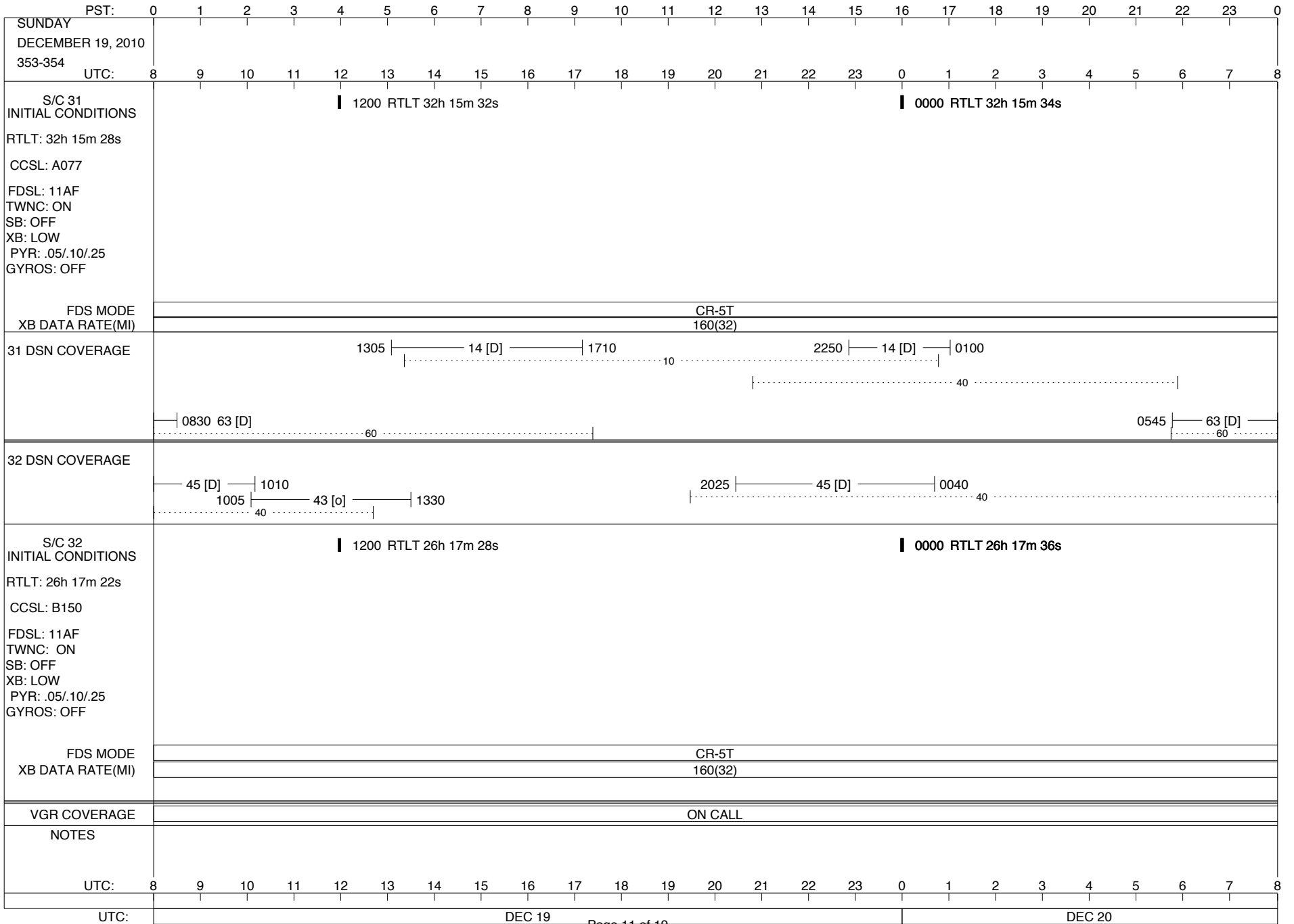
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THURSDAY DECEMBER 16, 2010 350-351																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS RTLTL: 32h 15m 6s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 32h 15m 10s														█ 0000 RTLTL 32h 15m 14s													
FDS MODE															CR-5T													
XB DATA RATE(MI)															160(32)													
31 DSN COVERAGE	1315 ----- 14 [D] ----- 1545														----- 10 ----- 40 ----- 60													
	63 [D] ----- 0940														----- 60 ----- 60													
32 DSN COVERAGE	43 [D] ----- 0800 - 1200														----- 40 ----- 40 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															CR-5T													
XB DATA RATE(MI)															160(32)													
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													

ISSUE DATE: 12/08/10 17:40

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SATURDAY DECEMBER 18, 2010 352-353	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 20s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 32h 15m 24s												█ 0000 RTLT 32h 15m 28s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	----- 10 -----												----- 40 -----												
	1230 ----- 63 [D] ----- 1725												0550 ----- 63 [D] -----												
	60												60												
32 DSN COVERAGE	1000 ----- 43 [o] ----- 1335												0545 ----- 45 [D] -----												
	40												40												
S/C 32 INITIAL CONDITIONS RTLT: 26h 17m 8s CCSL: B150 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 26h 17m 14s												█ 0000 RTLT 26h 17m 22s												
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 18												DEC 19												

ISSUE DATE: 12/08/10 17:40



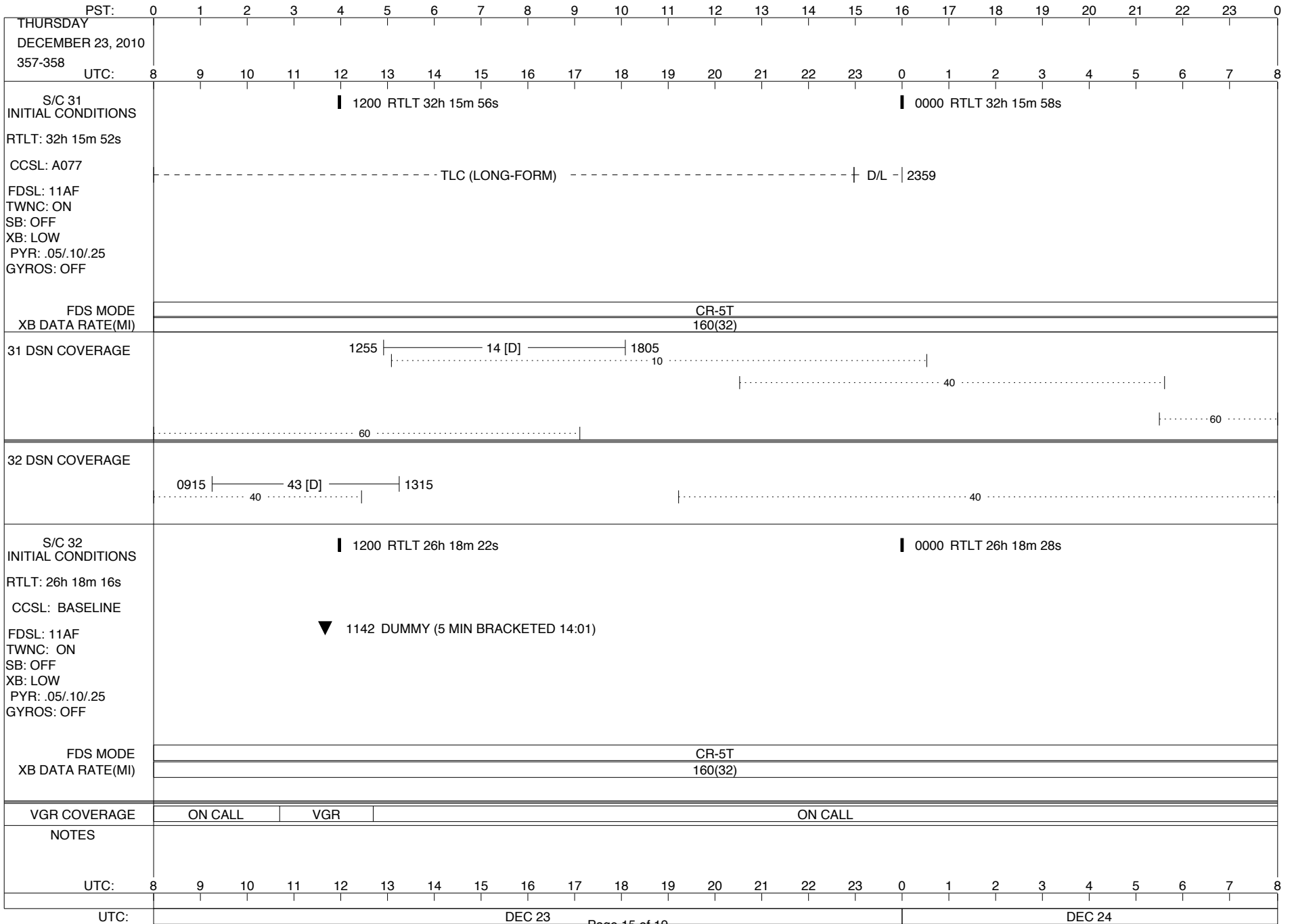
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S/C 31 INITIAL CONDITIONS RTLT: 32h 15m 34s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 15m 38s												0000 RTLT 32h 15m 40s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	63 [D] 1325												63 [D] 0545 0635												
32 DSN COVERAGE	0920 43 [D] 1320												45 [D] 0745												
S/C 32 INITIAL CONDITIONS RTLT: 26h 17m 36s CCSL: B150 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 26h 17m 42s												0000 RTLT 26h 17m 48s												
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 20												DEC 21												

ISSUE DATE: 12/08/10 17:40

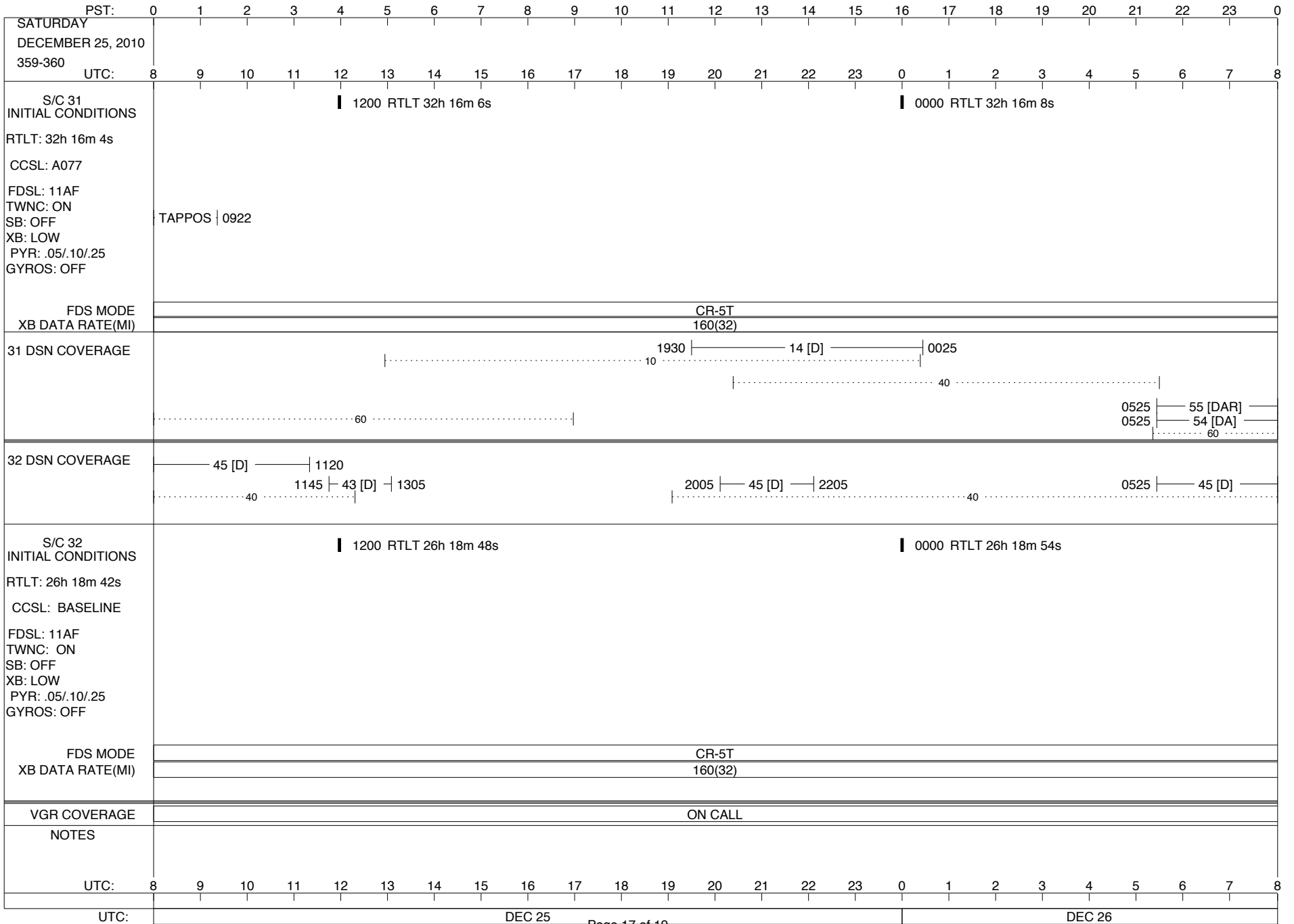
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S/C 31 INITIAL CONDITIONS RTLT: 32h 15m 40s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 32h 15m 44s</p> <p>0000 RTLT 32h 15m 46s</p> <p>2338 2339 PWS/RH</p> <p>↓ 2338 GS-4B 2338</p>	
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)	CR-5T 160(32)
31 DSN COVERAGE	<p>1255 ----- 14 [D] ----- 1655</p> <p>..... 10</p> <p>..... 40</p> <p>..... 60</p> <p>63 [D] 0540 ----- 0635</p> <p>..... 60</p>	
32 DSN COVERAGE	<p>45 [D] ----- 1135</p> <p>1130 ----- 43 [D] ----- 1320</p> <p>..... 40</p>	
S/C 32 INITIAL CONDITIONS RTLT: 26h 17m 48s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 26h 17m 56s</p> <p>0000 RTLT 26h 18m 2s</p>	
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)	
VGR COVERAGE	ON CALL	
NOTES	[1] S/C 31=GS-4B @ 2338 XB=2.8K(41) NOT RECOVERABLE	
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UTC: DEC 21		DEC 22

ISSUE DATE: 12/08/10 17:40

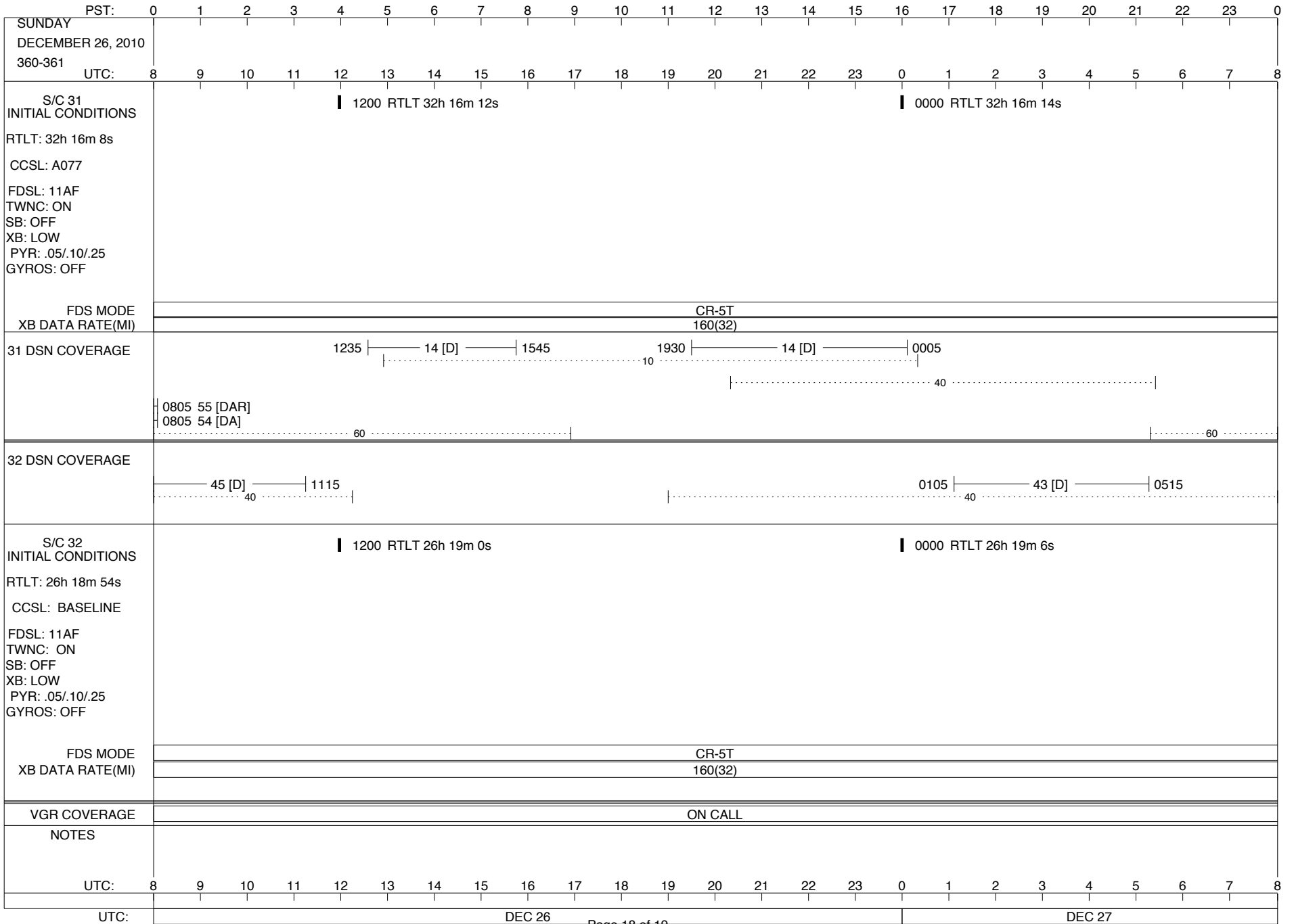


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UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS RTLT: 32h 15m 58s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 32h 16m 0s														0000 RTLT 32h 16m 4s													
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>JPL HOLIDAY!</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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ISSUE DATE: 12/08/10 17:40



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S/C 31 INITIAL CONDITIONS RTLT: 32h 16m 14s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█	1200	RTLT	32h	16m	16s																	
FDS MODE XB DATA RATE(MI)																												
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLT: 26h 19m 6s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█	1200	RTLT	26h	19m	12s																	
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:		DEC 27													DEC 28													

JPL HOLIDAY!