

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: December 14, 2011

For the Period: 12/15/2011 to 01/02/2012 (11-349 – 12-002)

DSN OPSCHIEF (1) 230-102

SCIENCE

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 Ludwig, R. (2)
 Matsumoto, S.
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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

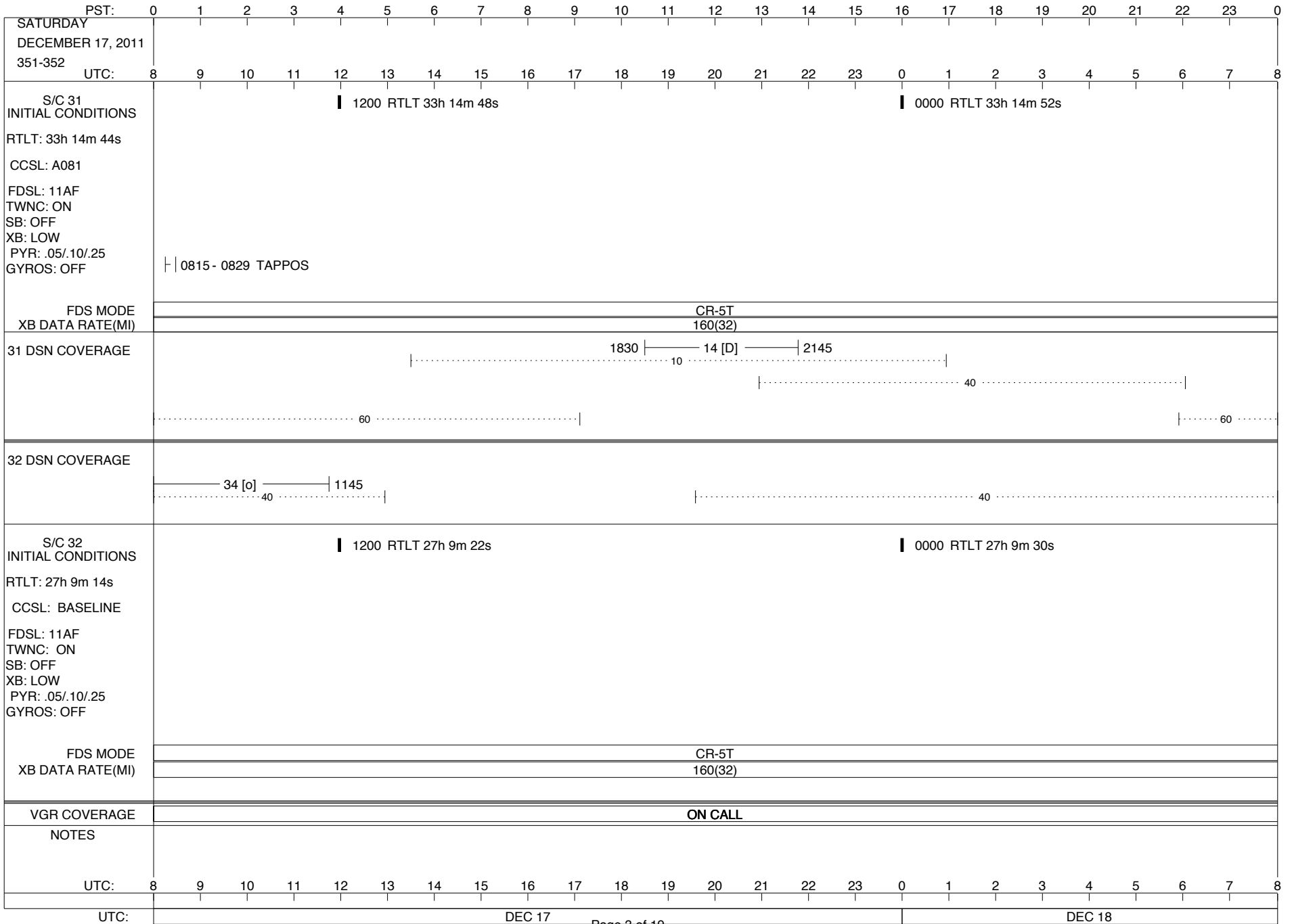
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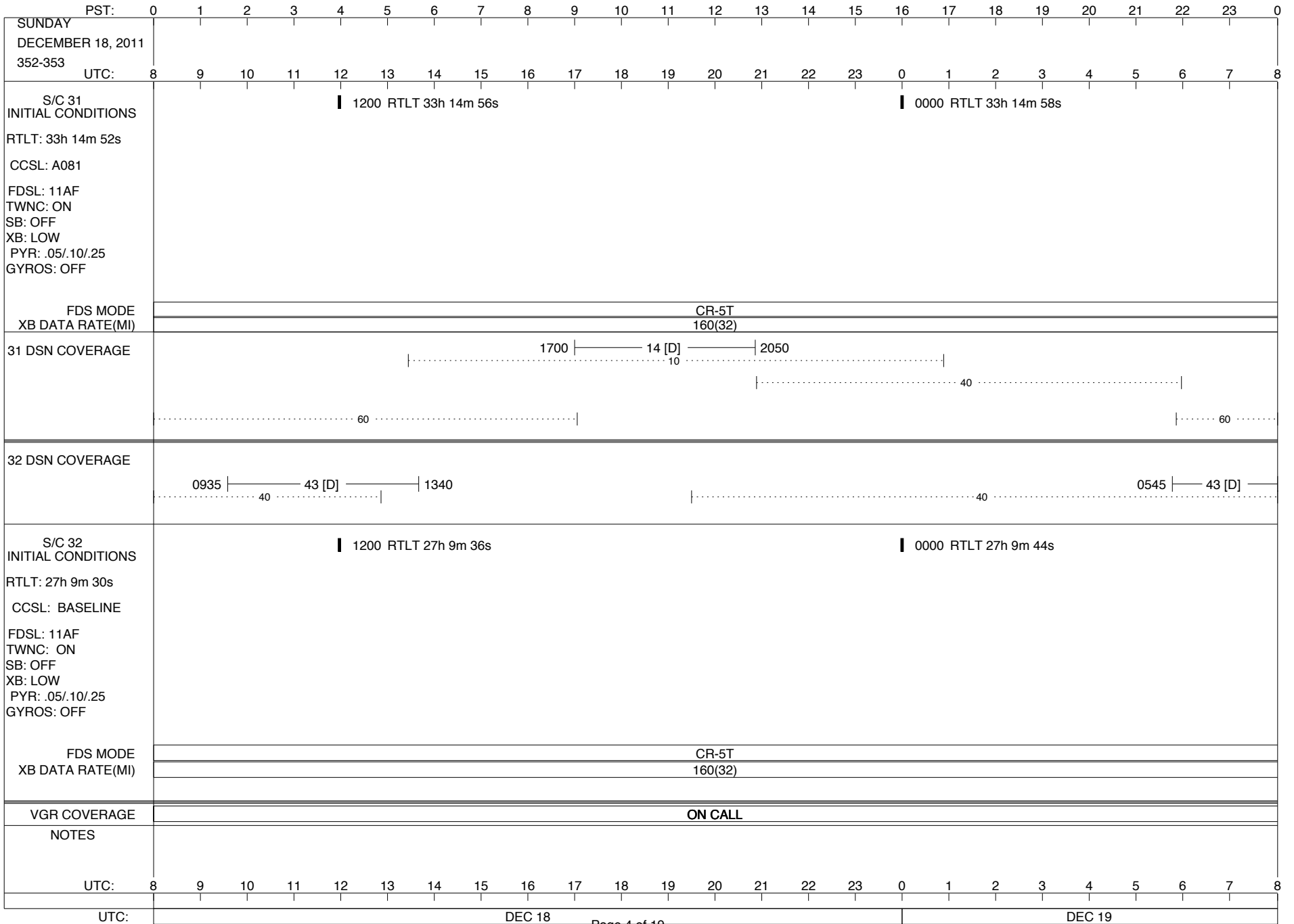
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S/C 31 INITIAL CONDITIONS RTLT: 33h 14m 30s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 14m 34s											0000 RTLT 33h 14m 38s																
FDS MODE															CR-5T													
XB DATA RATE(MI)															160(32)													
31 DSN COVERAGE															2000 | 14 [T] | 2200 10 40 60 60 ..... | ..... 60													
32 DSN COVERAGE	0955 | 43 [D] | 1350 40 ..... | ..... 40														0545 | 43 [o] | ..... 40													
S/C 32 INITIAL CONDITIONS RTLT: 27h 8m 46s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 27h 8m 52s											0000 RTLT 27h 9m 0s																
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			
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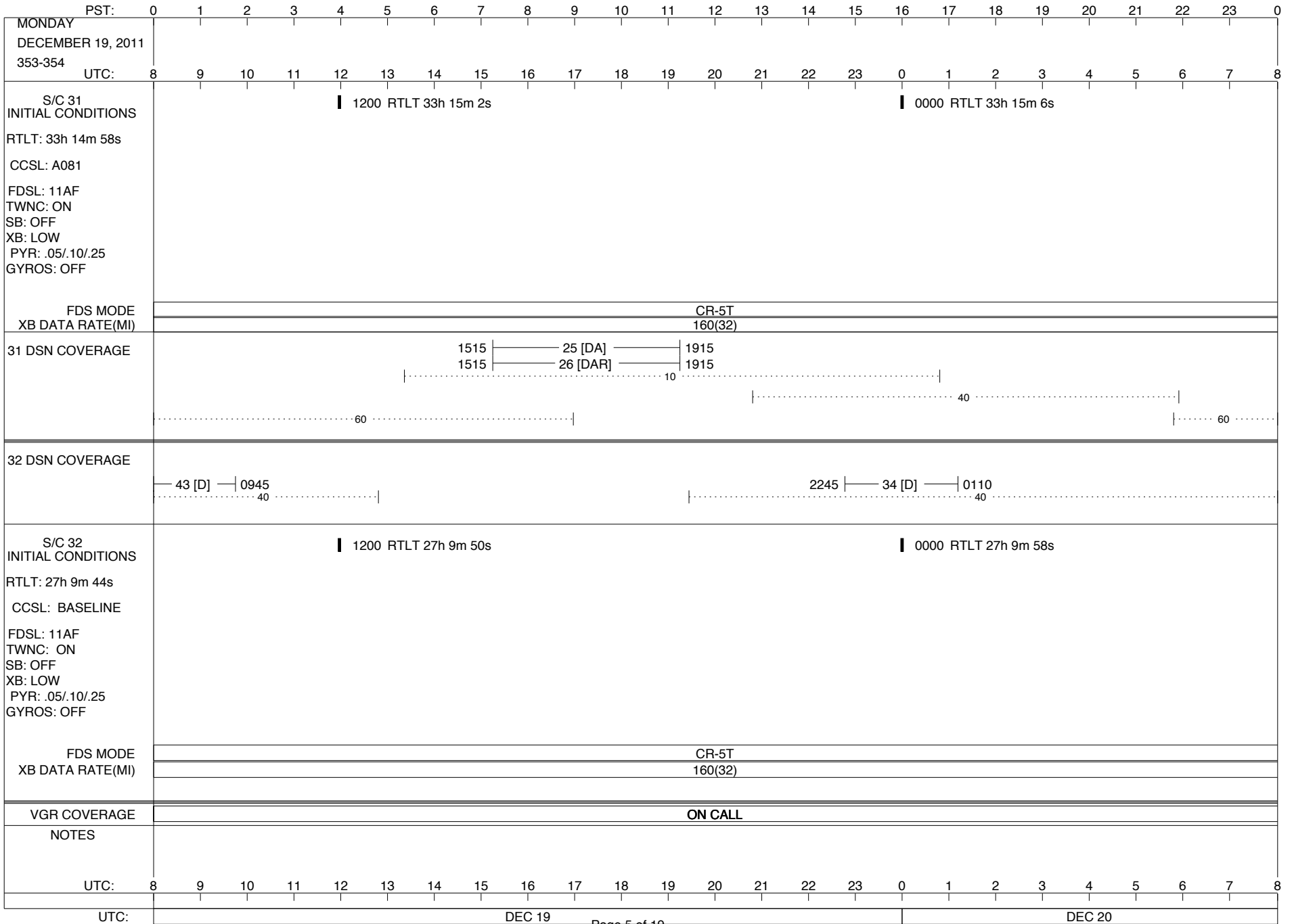
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S/C 31 INITIAL CONDITIONS	1200 RTLT 33h 14m 40s												0000 RTLT 33h 14m 44s													
RTLT: 33h 14m 38s																										
CCSL: A081	-----TLC (SHORT-FORM)-----																									
FDSL: 11AF																									- 0743	| D/L -|
TWNC: ON																									0305 | 0306 TAPPOS	
SB: OFF																									PWS/RH 0608 | 0608	
XB: LOW																										
PYR: .05/.10/.25																										
GYROS: OFF																										
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	|.....| 10 .....												|.....| 40													
	1230 |-----| 63 [D] -----| 1730												|.....| 60													
	60 .....												|.....| 60													
32 DSN COVERAGE	|-----| 43 [o] -----| 0930												|.....| 40													
	40 .....												|.....| 40													
	|.....| 40 .....												|.....| 40													
34 [o] 0750	|.....| 40 .....												|.....| 40													
	40 .....												|.....| 40													
S/C 32 INITIAL CONDITIONS	1200 RTLT 27h 9m 8s												0000 RTLT 27h 9m 14s													
RTLT: 27h 9m 0s																										
CCSL: BASELINE																										
FDSL: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: LOW																										
PYR: .05/.10/.25																										
GYROS: OFF																										
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 @ 0607 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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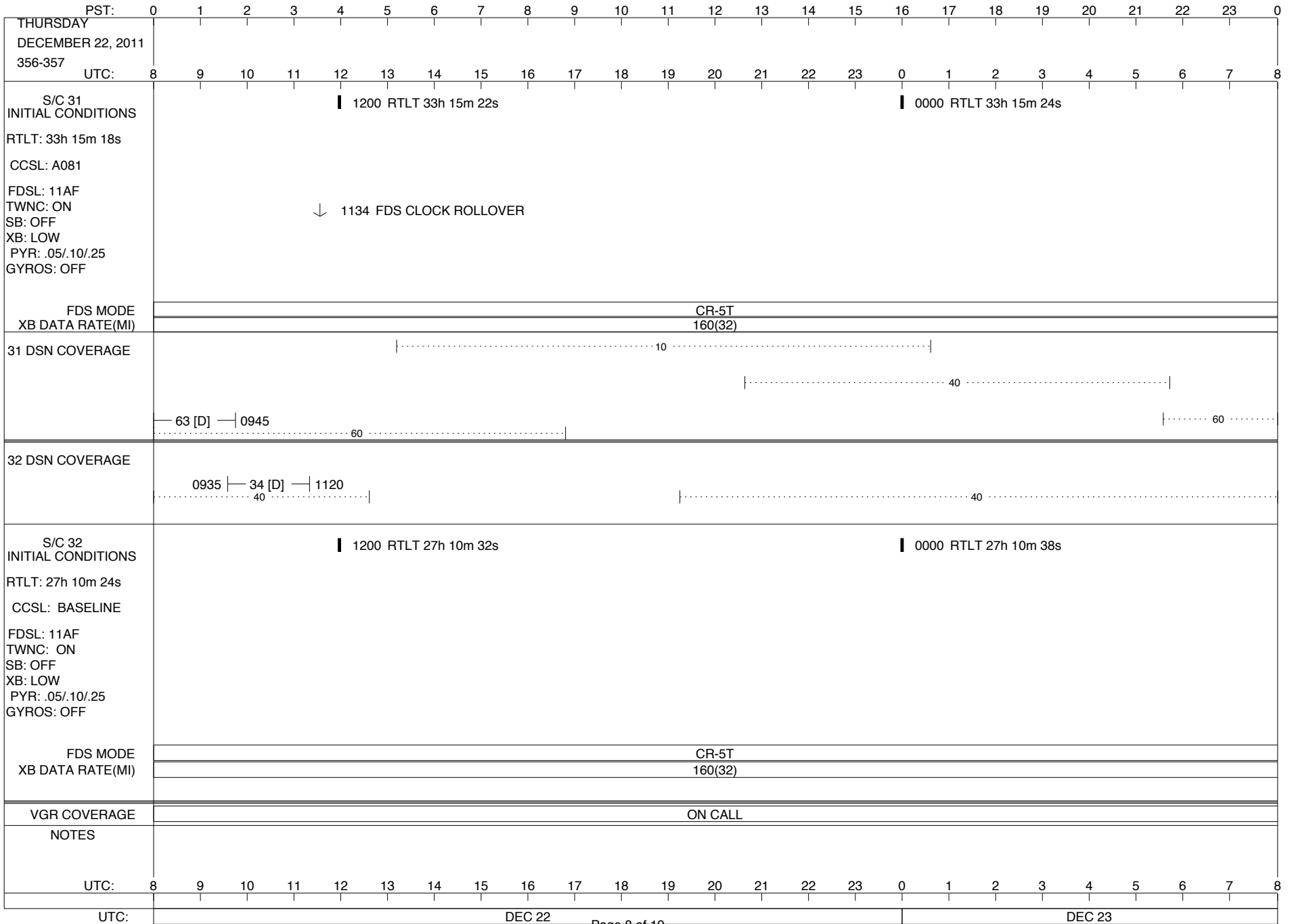
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S/C 31 INITIAL CONDITIONS RTLTL: 33h 15m 6s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 33h 15m 8s												0000 RTLTL 33h 15m 12s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	1910 |-----| 14 [T] |-----| 2255 |-----| 10 |-----| 40 |-----| |-----| 60 |-----| 60																								
32 DSN COVERAGE	40 |-----|												40 |-----|												
S/C 32 INITIAL CONDITIONS RTLTL: 27h 9m 58s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 27h 10m 4s												0000 RTLTL 27h 10m 12s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL												VGR ON CALL												
NOTES	[1] S/C 31=GS-4B @ 2343 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 20												DEC 21												

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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																													
DECEMBER 21, 2011																													
355-356																													
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 33h 15m 14s												█ 0000 RTLT 33h 15m 18s															
RTLT: 33h 15m 12s																													
CCSL: A081																													
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		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>..... 60</p> </div> <div style="width: 10%; text-align: center;">10</div> <div style="width: 45%;"> <p>2020 | 14 [D] | 2205</p> <p>..... 40</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 60%;"> <p>..... 60</p> </div> <div style="width: 35%;"> <p>0545 | 63 [D] |</p> <p>..... 60</p> </div> </div>																											
32 DSN COVERAGE		<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>0920 | 45 [D] | 1130</p> <p>1115 | 43 [D] | 1325</p> <p>..... 40</p> </div> <div style="width: 35%; text-align: center;">2125 | 43 [B] | 0010</div> <div style="width: 35%;"> <p>..... 40</p> </div> </div>																											
S/C 32 INITIAL CONDITIONS		█ 1200 RTLT 27h 10m 18s												█ 0000 RTLT 27h 10m 24s															
RTLT: 27h 10m 12s																													
CCSL: BASELINE																													
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																													
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 21																DEC 22											

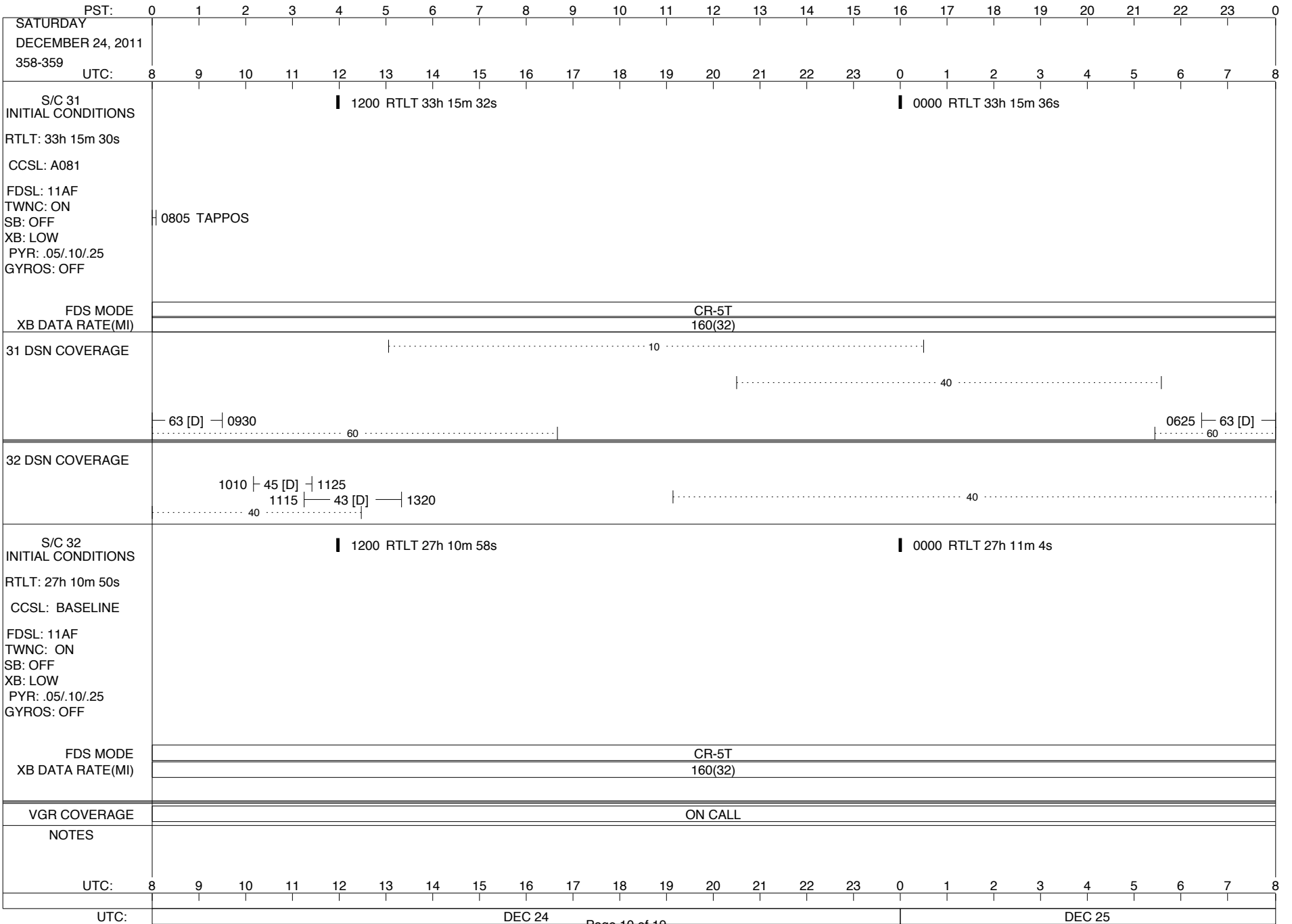
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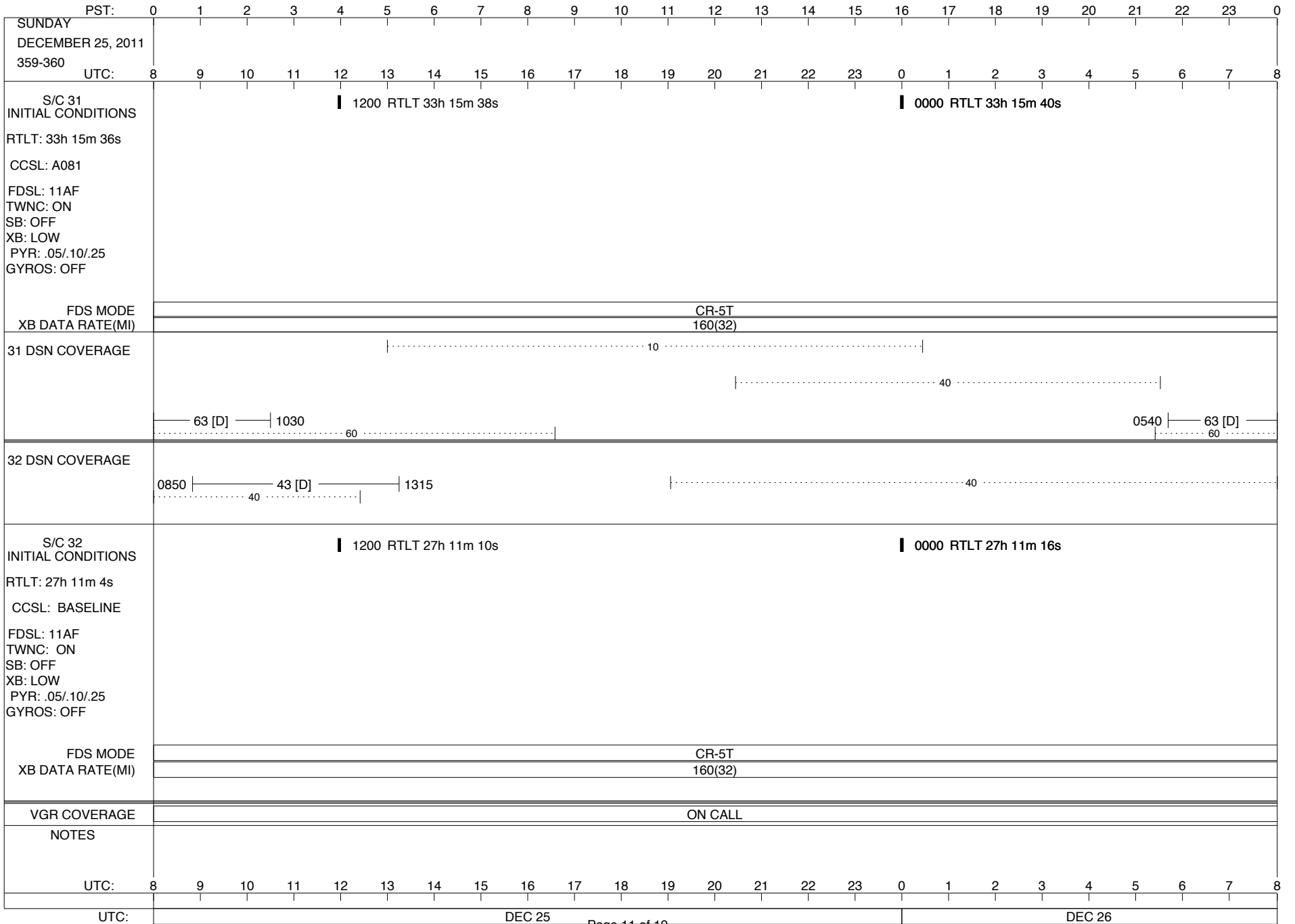
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S/C 31 INITIAL CONDITIONS RTLTL: 33h 15m 24s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 15m 26s												0000 RTLT 33h 15m 30s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1730 |-----| 14 [D] |-----| 2130												0530 |-----| 63 [D] |-----|												
32 DSN COVERAGE	0920 |-----| 43 [o] |-----| 1325												0543 | 0242 TAPPOS | 0544 PWS/RH TAPPOS 0751 |												
S/C 32 INITIAL CONDITIONS RTLTL: 27h 10m 38s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 27h 10m 44s												0000 RTLT 27h 10m 50s												
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 @ 0543 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 23												DEC 24												

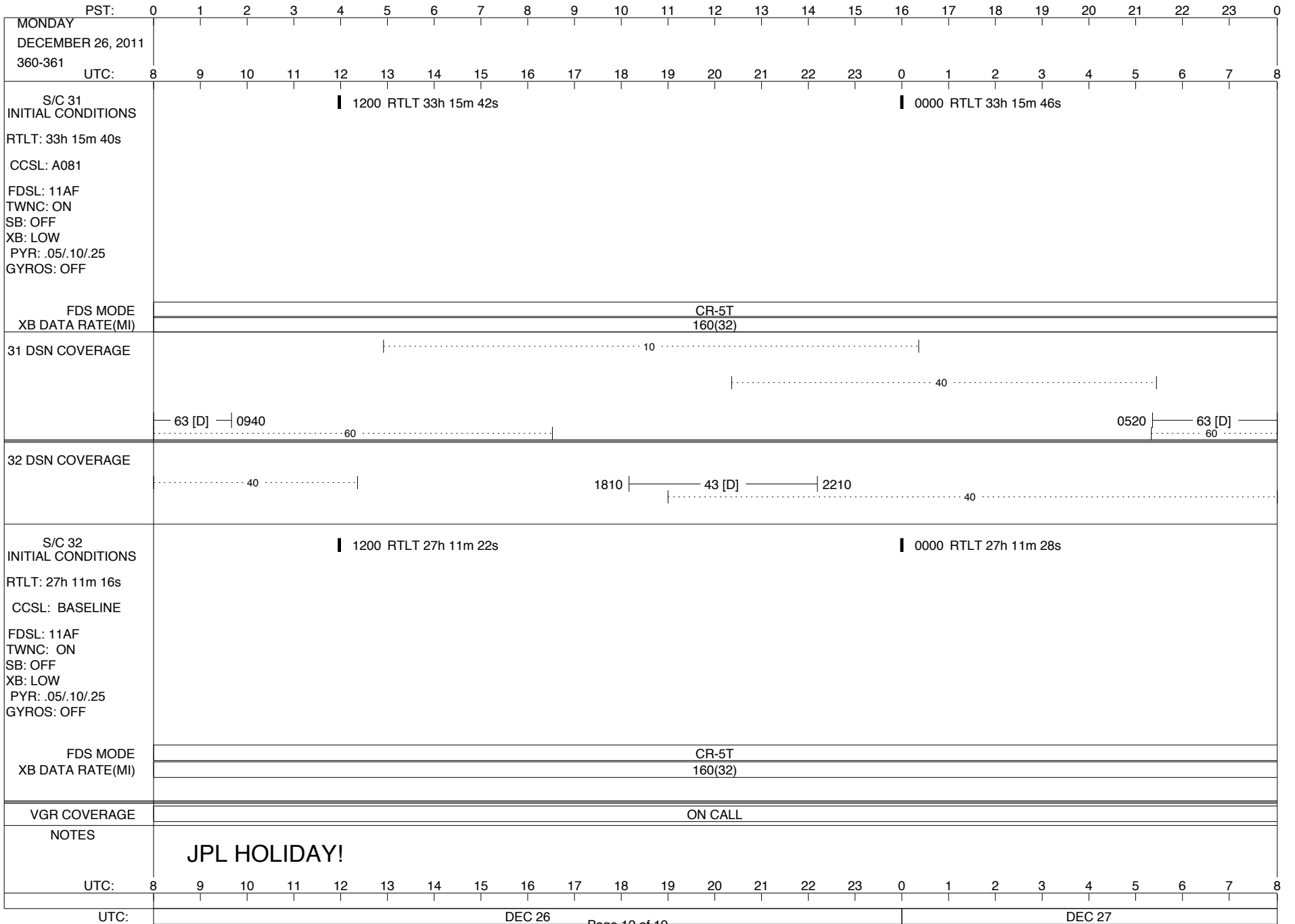
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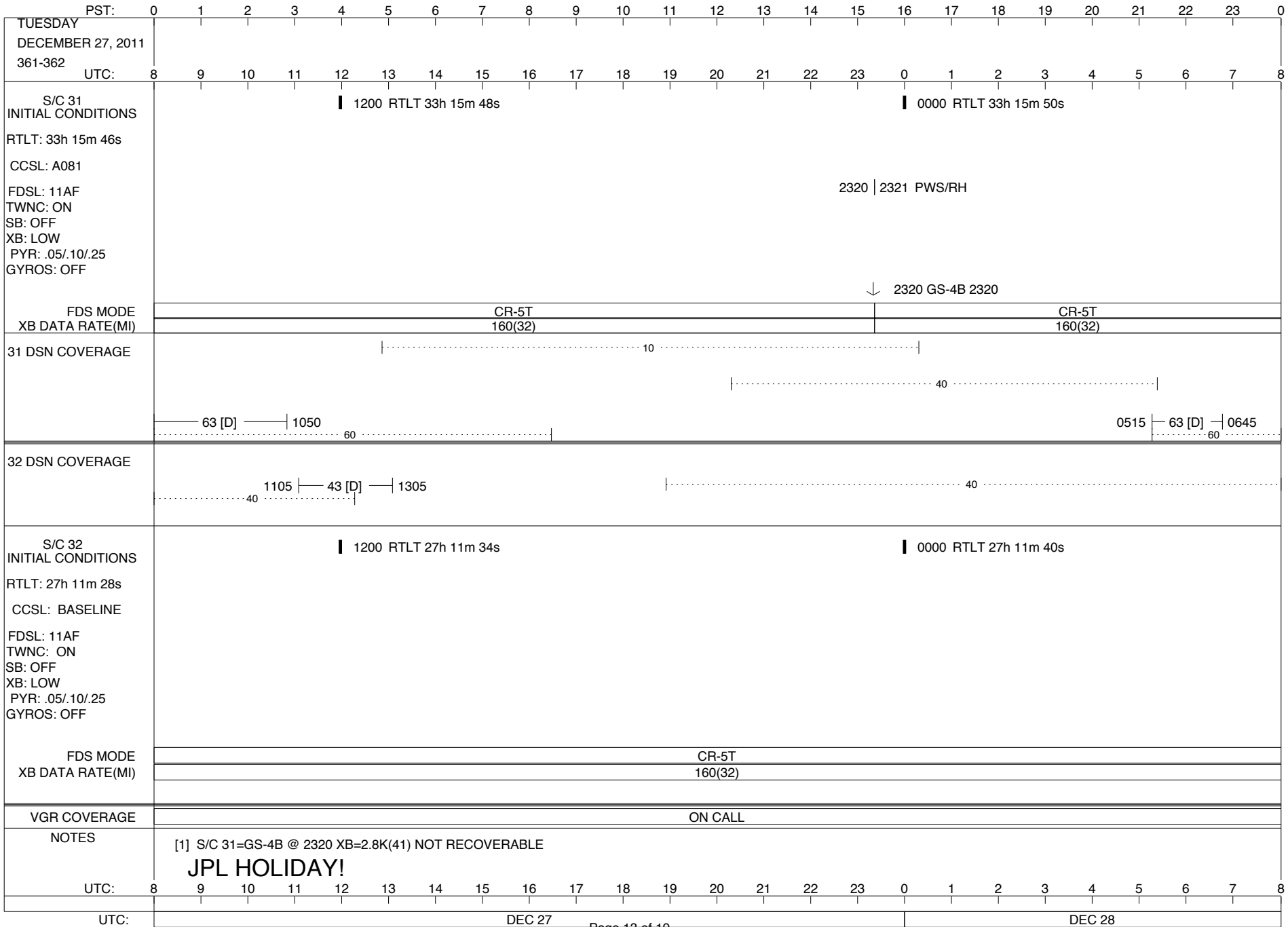
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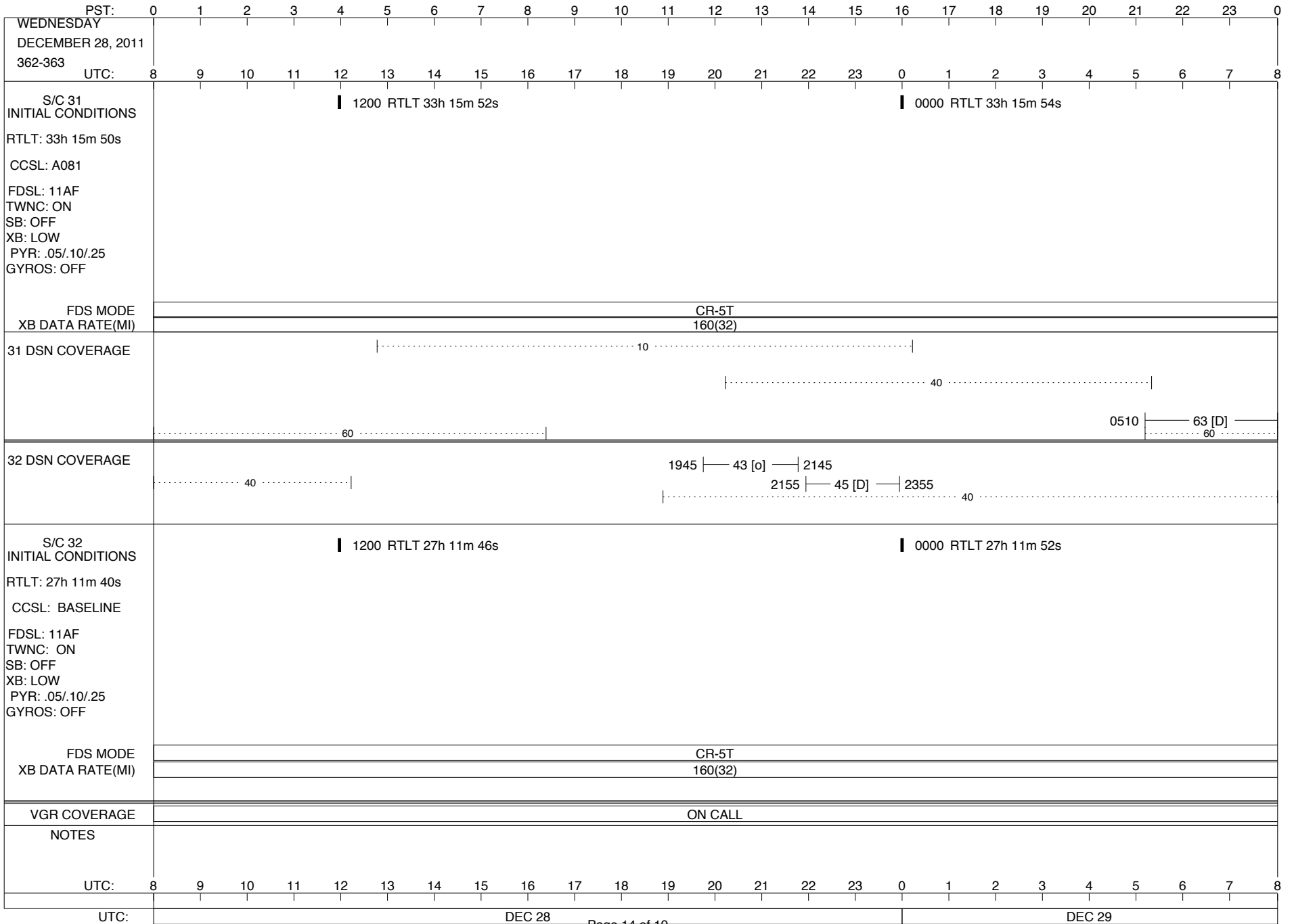
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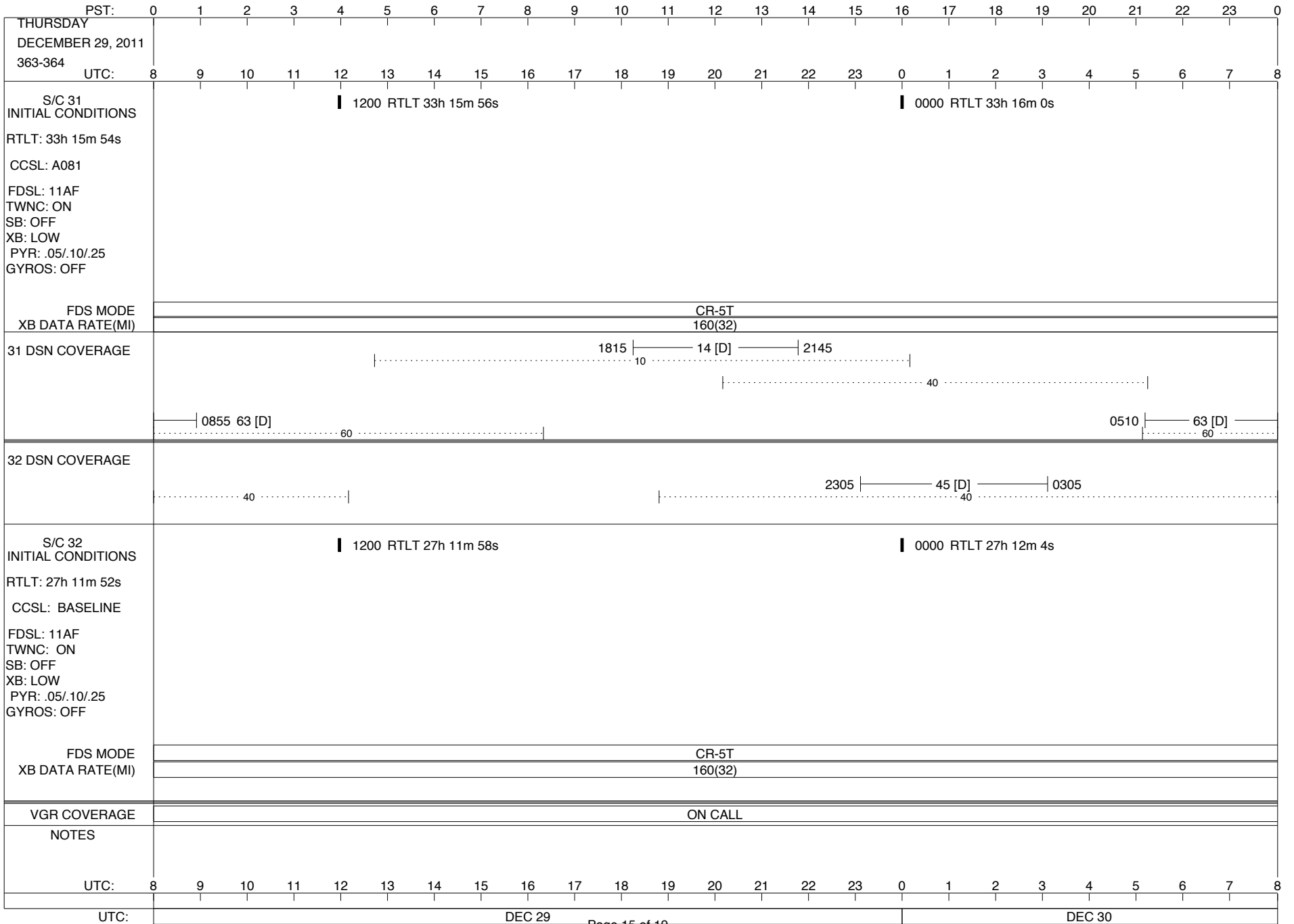


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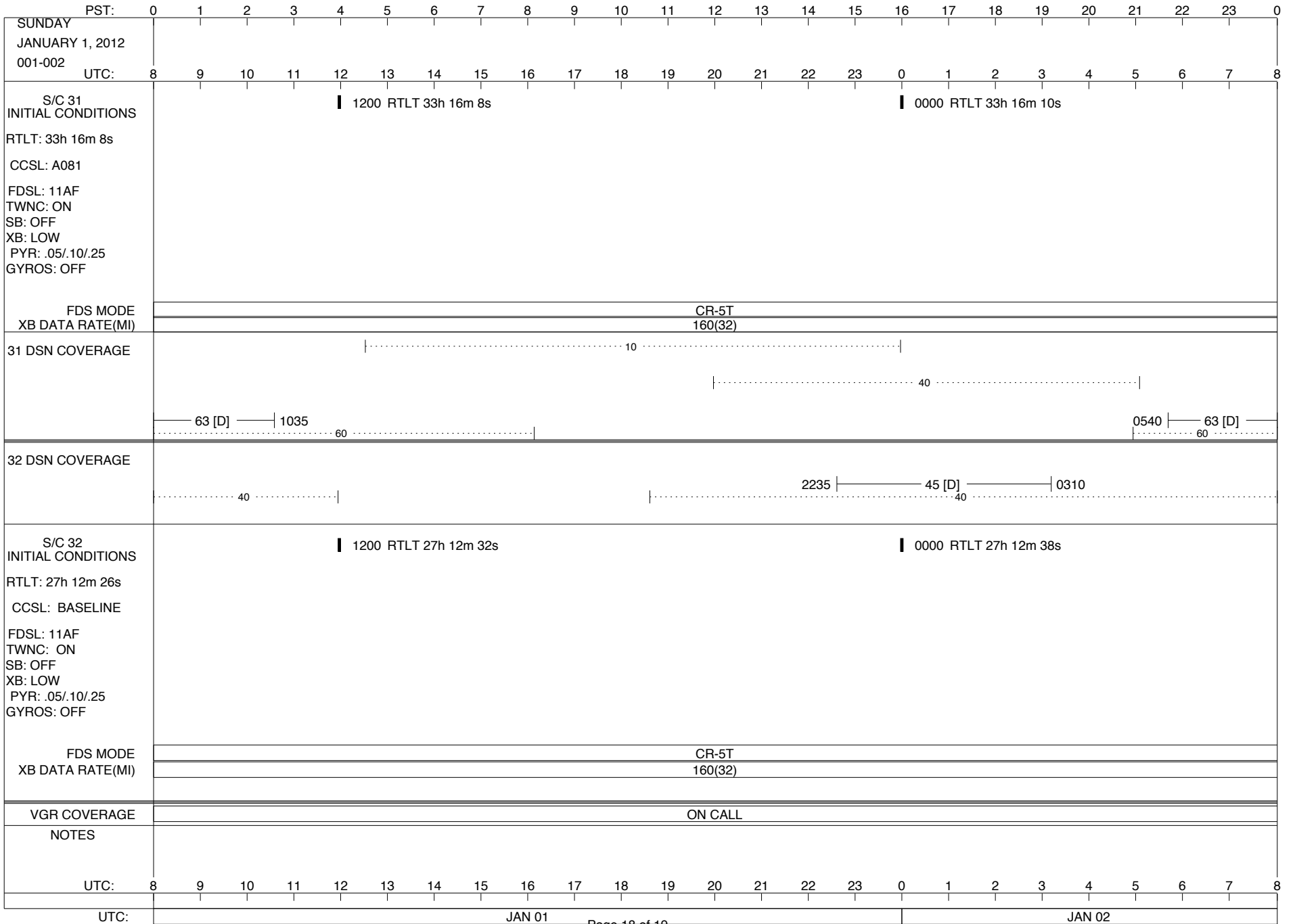


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UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 33h 16m 0s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 16m 2s												0000 RTLT 33h 16m 4s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	|.....| 10 .....												|.....| 40											
	-63 [D] -| 0915 .....												..... 0635 | -63 [D] -| .....												
32 DSN COVERAGE	.....| 40 .....												.....| 2245 |-----| 43 [D] |-----| 0245											
S/C 32 INITIAL CONDITIONS RTLT: 27h 12m 4s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 27h 12m 10s												0000 RTLT 27h 12m 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 @ 0520 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 30												DEC 31												

ISSUE DATE: 12/21/11 18:53

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 DECEMBER 31, 2011 365-001	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: 33h 16m 4s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 33h 16m 6s												0000 RTLTL 33h 16m 8s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	1850 |-----| 14 [D] |-----| 2150 10 |-----| 40												63 [D] |-----| 1015 60 |-----| 0635 |-----| 63 [D] 60												
32 DSN COVERAGE	40 |-----| 2300 |-----| 43 [o1] |-----| 0245 40																								
S/C 32 INITIAL CONDITIONS RTLTL: 27h 12m 16s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 27h 12m 22s												0000 RTLTL 27h 12m 26s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] DSS-43 DRV OFF = 365/2359 TO AVOID U/L YEAR ROLLOVER																								
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 31												JAN 01												

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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		
MONDAY JANUARY 2, 2012 002-003	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: 33h 16m 10s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> </div>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<div style="text-align: center;"> </div>																										
32 DSN COVERAGE	<div style="text-align: center;"> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 27h 12m 38s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> </div>																										
FDS MODE XB DATA RATE(MI)														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 02													JAN 03													