

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: November 19, 2008

For the Period: 11/20/08 to 12/15/08 (08-318– 08-336)

DSN OPSCHIEF (1) 230-102

SCIENCE

FLIGHT TEAM (15) 600-100

DSOT (1) 230-102

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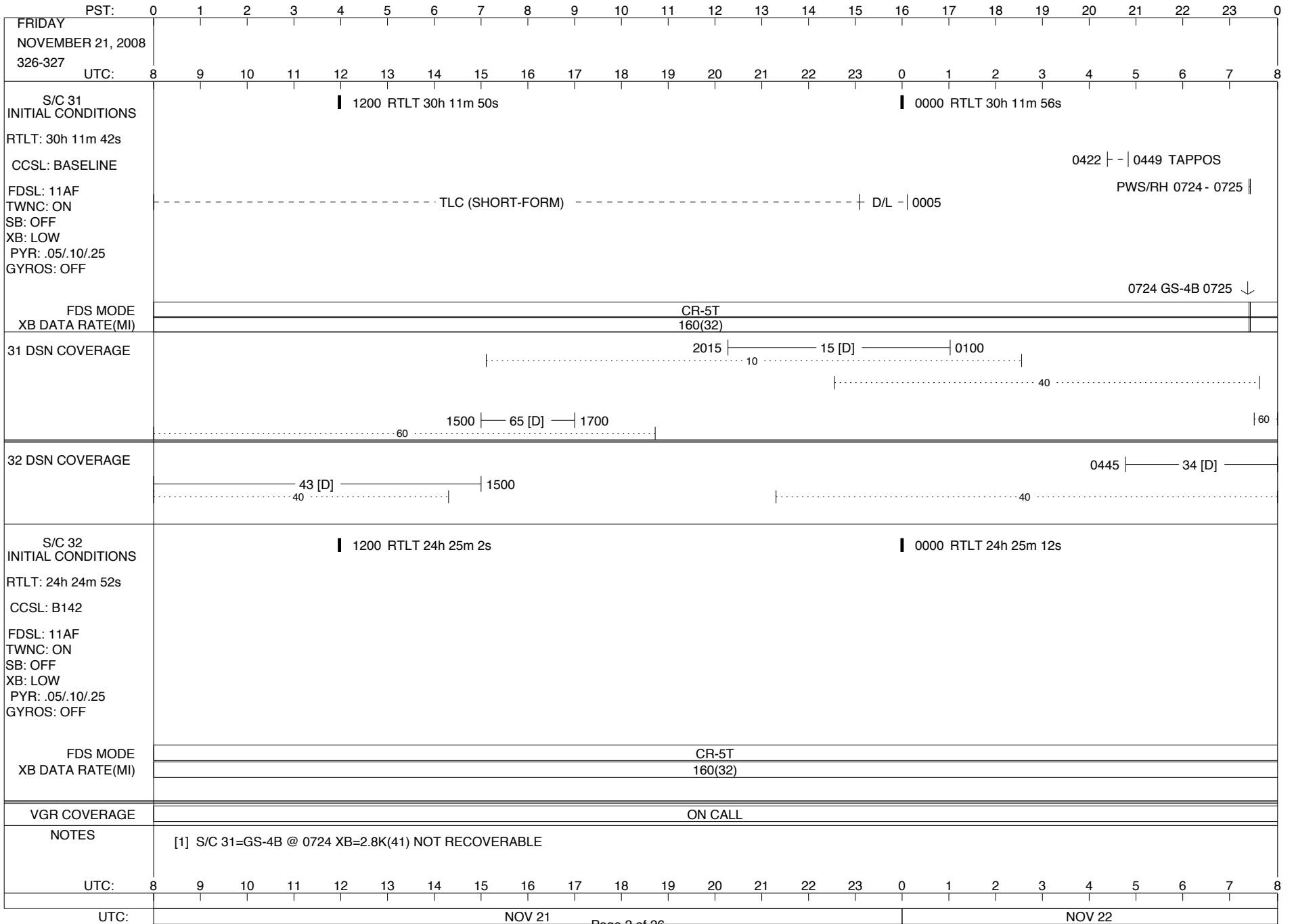
Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Massey, Ed
 Matsumoto, S.
 Medina, E.
 Peralta, F.
 Poynter, R.
 Weeks, T.
 Wong, R.
 Yang, L
 Zottarelli, L.
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OTHER

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 * Belinda.Arroyo@jpl.nasa.gov
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 * DSN-MPSETA@jjpl.jpl.nasa.gov

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

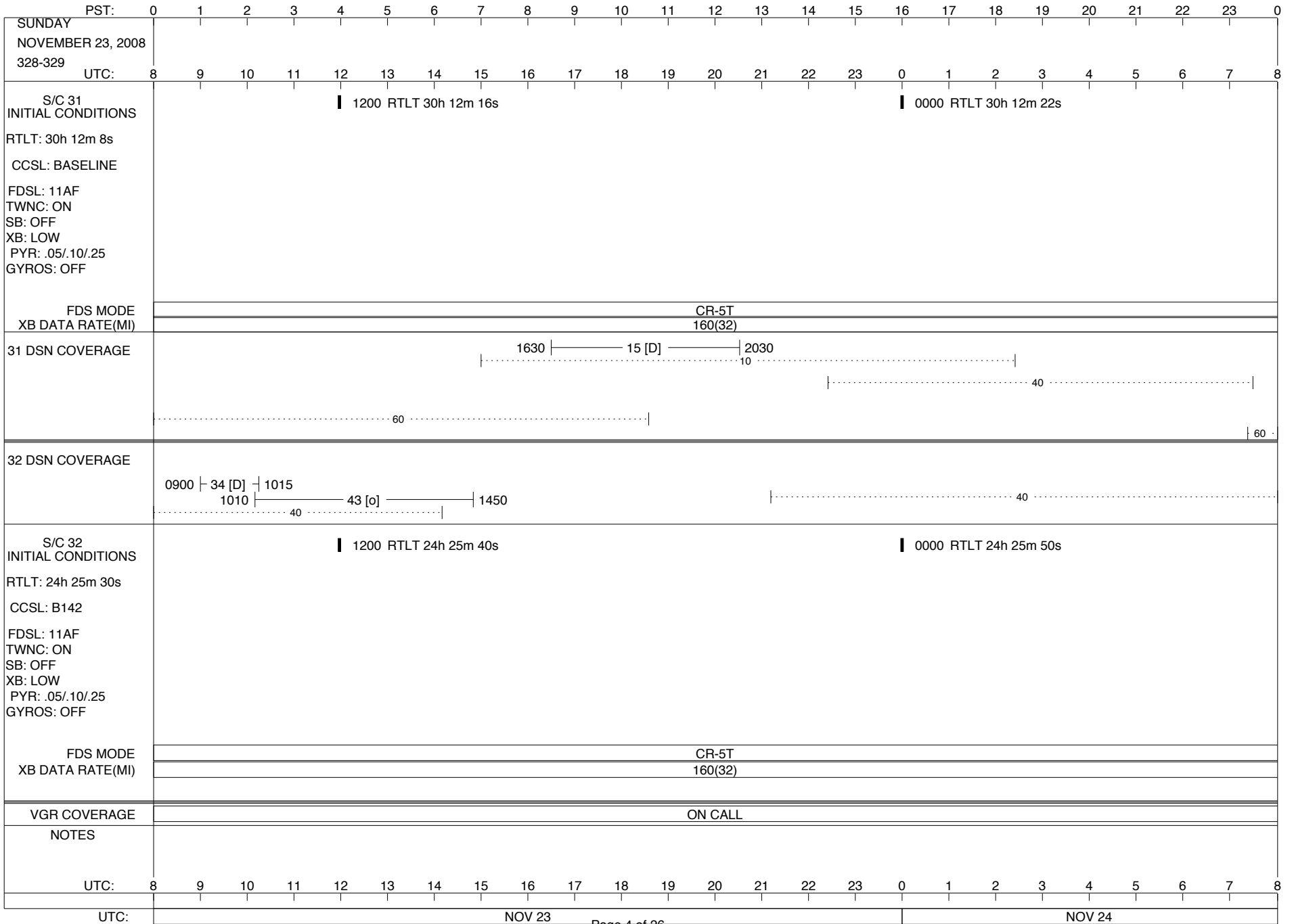
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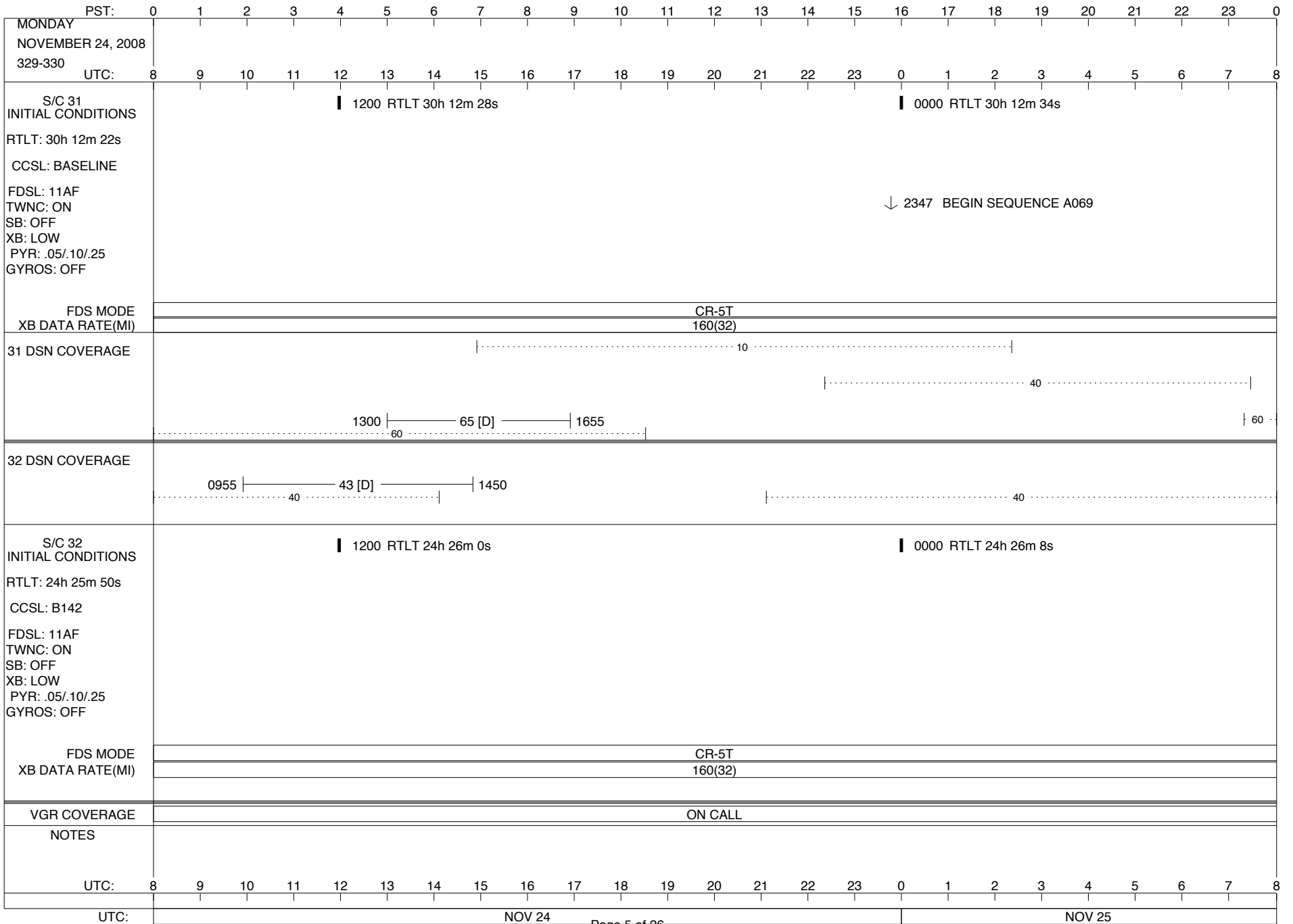
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SATURDAY																													
NOVEMBER 22, 2008																													
327-328																													
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S/C 31 INITIAL CONDITIONS		1200 RTLT 30h 12m 2s												0000 RTLT 30h 12m 8s															
RTLT: 30h 11m 56s																													
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)																											
31 DSN COVERAGE		<p>2200 ----- 15 [D] ----- 0100</p> <p>0040 ----- 45 [D] ----- 0450</p> <p>60 ----- 60</p>																											
32 DSN COVERAGE		<p>34 [D] 0910</p> <p>1230 ----- 43 [D] ----- 1455</p> <p>40 ----- 40</p>																											
S/C 32 INITIAL CONDITIONS		1200 RTLT 24h 25m 20s												0000 RTLT 24h 25m 30s															
RTLT: 24h 25m 12s																													
CCSL: B142																													
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																											
NOTES																													
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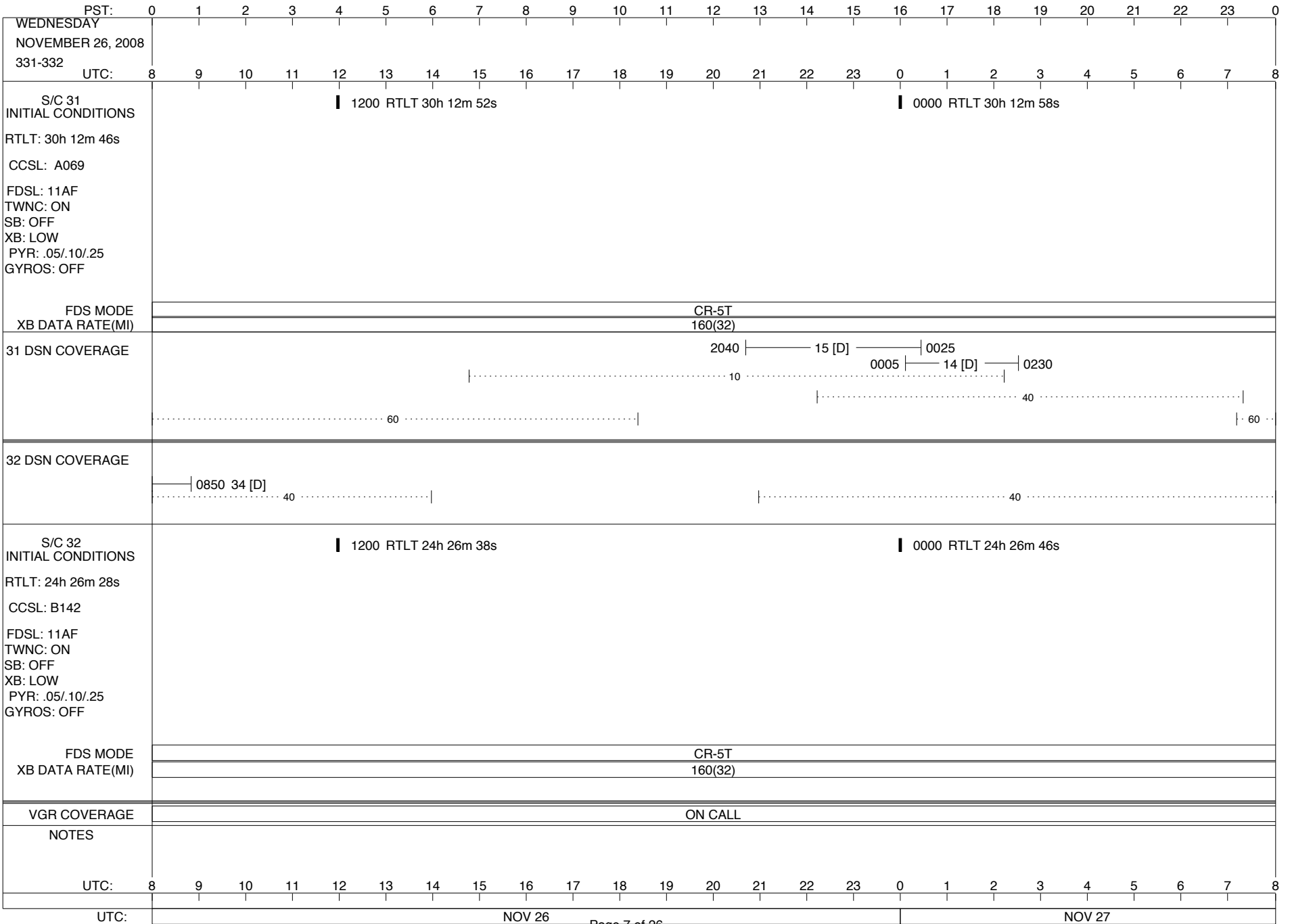
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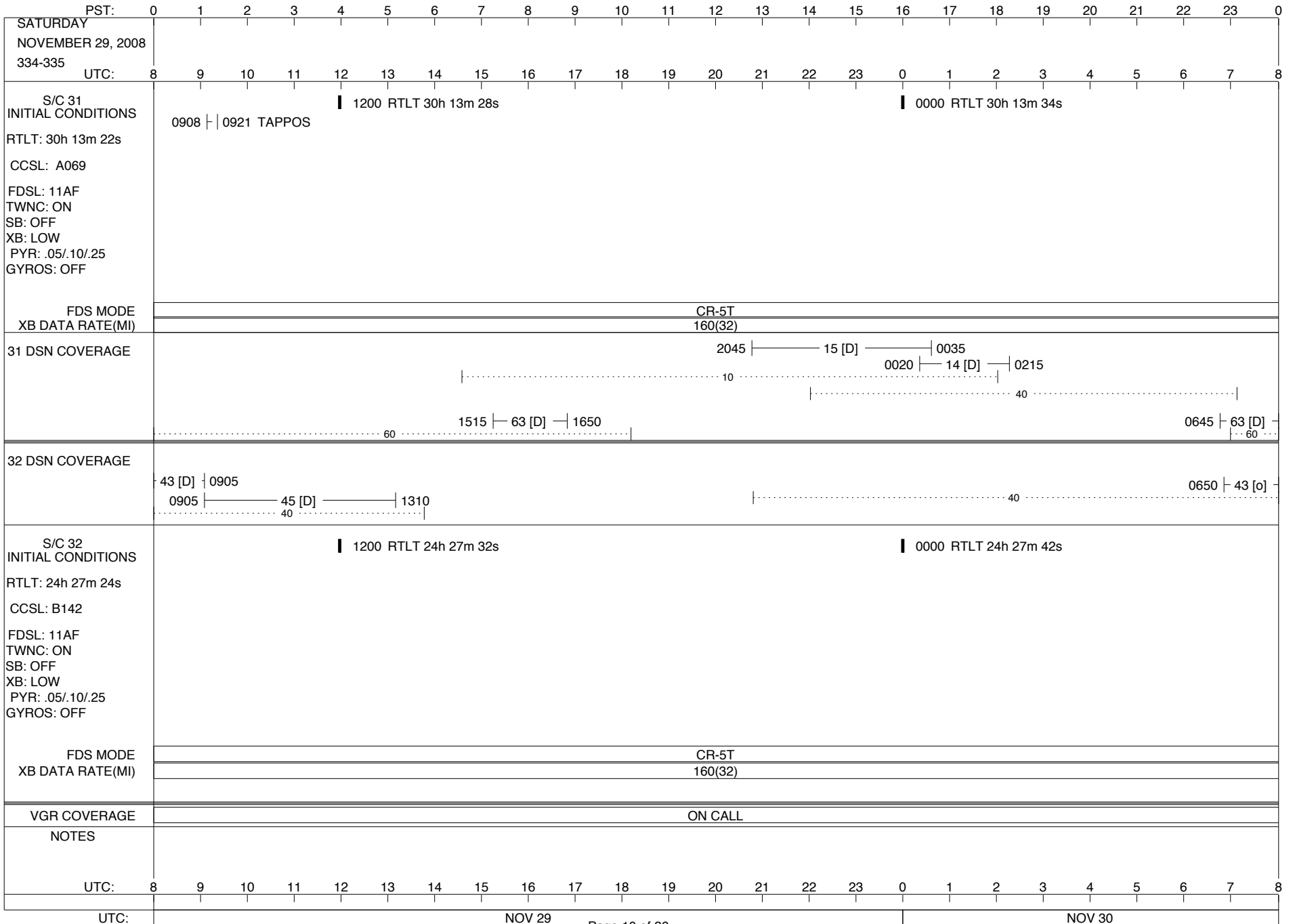
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S/C 31 INITIAL CONDITIONS RTLTL: 30h 12m 58s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 30h 13m 4s												0000 RTLTL 30h 13m 10s																							
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)																							
31 DSN COVERAGE	1445 14 [T] 1705												1925 14 (D) 2105												0030 14 [D] 0220											
32 DSN COVERAGE	0900 45 [D] 1310												0215 45 [D]																							
S/C 32 INITIAL CONDITIONS RTLTL: 24h 26m 46s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 24h 26m 56s												0000 RTLTL 24h 27m 6s																							
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											
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ISSUE DATE: 12/02/08 19:26

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FRIDAY NOVEMBER 28, 2008 333-334	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: 30h 13m 10s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 30h 13m 16s												0000 RTLTL 30h 13m 22s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	0940 63 [D] 1255 60												2145 14 [D] 0220 40 60												
32 DSN COVERAGE	0845 45 [D] 40												0155 34 [D] 0405 0345 43 [D] 40												
S/C 32 INITIAL CONDITIONS RTLTL: 24h 27m 6s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 24h 27m 14s												0000 RTLTL 24h 27m 24s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0700 XB=2.8K(41) NOT RECOVERABLE 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
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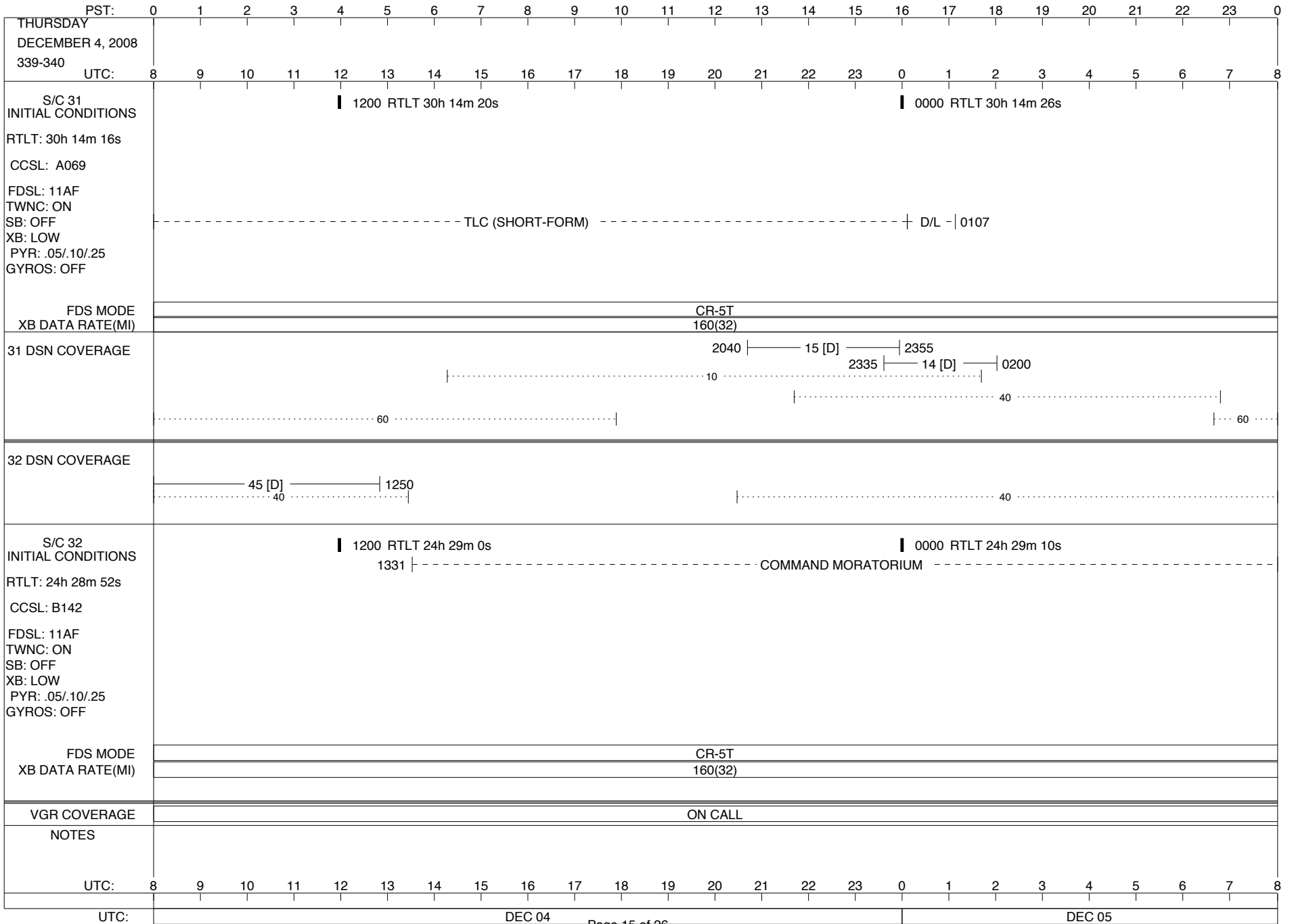
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SUNDAY NOVEMBER 30, 2008 335-336																										
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S/C 31 INITIAL CONDITIONS RTLTL: 30h 13m 34s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 30h 13m 38s												█ 0000 RTLTL 30h 13m 44s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	1610 ----- 15 [D] ----- 2015 ----- 10 ----- ----- 40 -----												----- 60 ----- ----- 60 -----													
32 DSN COVERAGE	43 [o] ----- 1425 ----- 40 -----												----- 40 ----- 0530 ----- 43 [D] -----													
S/C 32 INITIAL CONDITIONS RTLTL: 24h 27m 42s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 24h 27m 50s												█ 0000 RTLTL 24h 28m 0s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE													ON CALL													
NOTES																										
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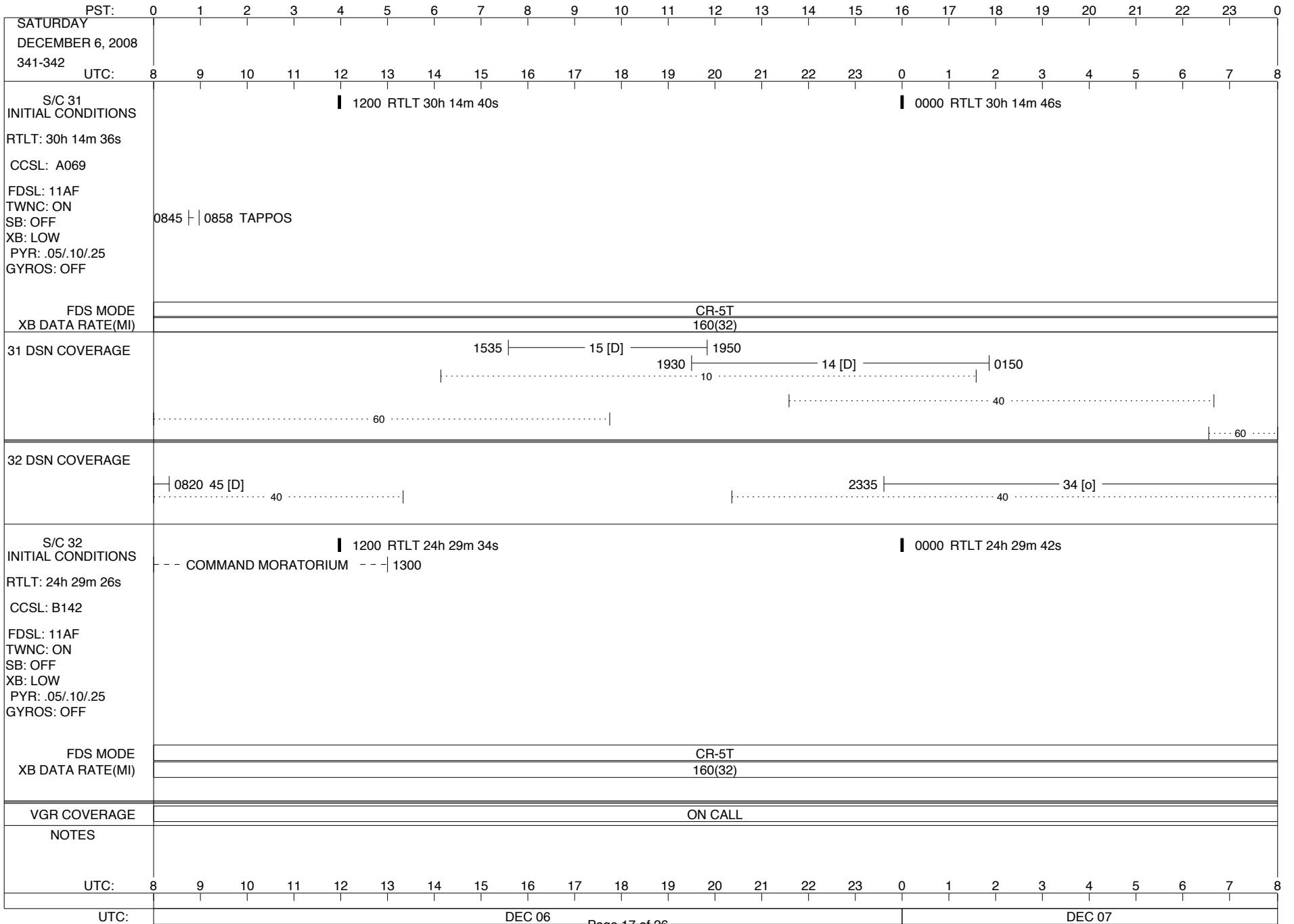
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TUESDAY																													
DECEMBER 2, 2008																													
337-338																													
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S/C 31 INITIAL CONDITIONS		█ 1200 RTLT 30h 14m 0s														█ 0000 RTLT 30h 14m 6s													
RTLTL: 30h 13m 54s																													
CCSL: A069																													
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)													
31 DSN COVERAGE		1405 14 [D] 1545														0030 14 [D] 0205													
	60.....													0200 40 43 [D] 0710													
	60.....													40.....													
32 DSN COVERAGE		43 [D] 1235														0510 34 [D]													
	40.....													40.....													
S/C 32 INITIAL CONDITIONS		█ 1200 RTLT 24h 28m 26s														█ 0000 RTLT 24h 28m 34s													
RTLTL: 24h 28m 18s																													
CCSL: B142																													
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 @ 0037 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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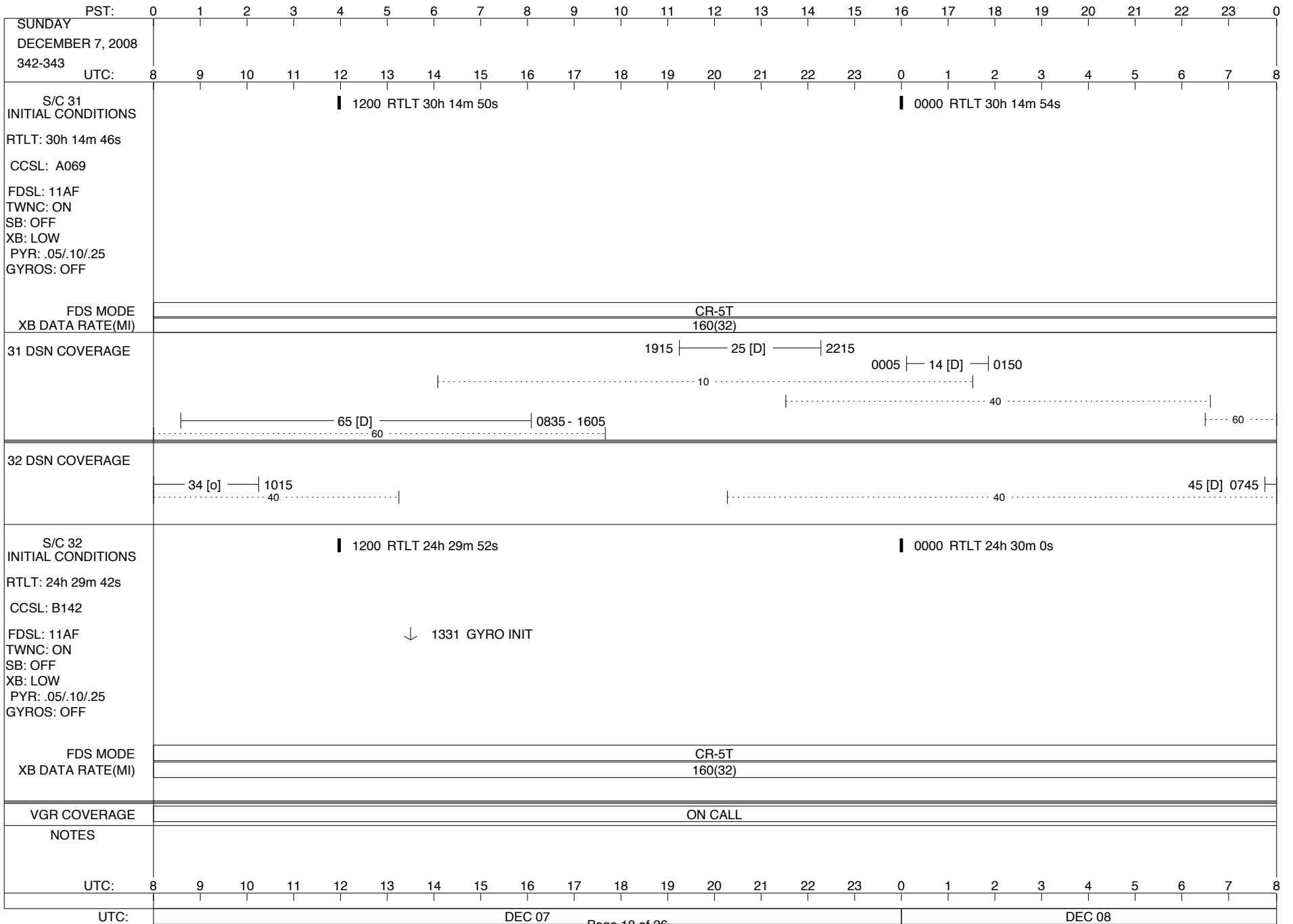


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S/C 31 INITIAL CONDITIONS RTLTL: 30h 14m 26s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLTL 30h 14m 30s												0000 RTLTL 30h 14m 36s															
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)						CR-5T 160(32)									
31 DSN COVERAGE		1355 14 [D] 1545												2010 15 [D] 0010						0335 - 0402 TAPPOS PWS/RH 0637 0638 0637 GS-4B 0638 ↓									
32 DSN COVERAGE		0910 43 [D] 1405												0310 45 [D]															
S/C 32 INITIAL CONDITIONS RTLTL: 24h 29m 10s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLTL 24h 29m 18s												0000 RTLTL 24h 29m 26s															
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)															
VGR COVERAGE		ON CALL						VGR						ON CALL															
NOTES		[1] S/C 31=GS-4B @ 0637 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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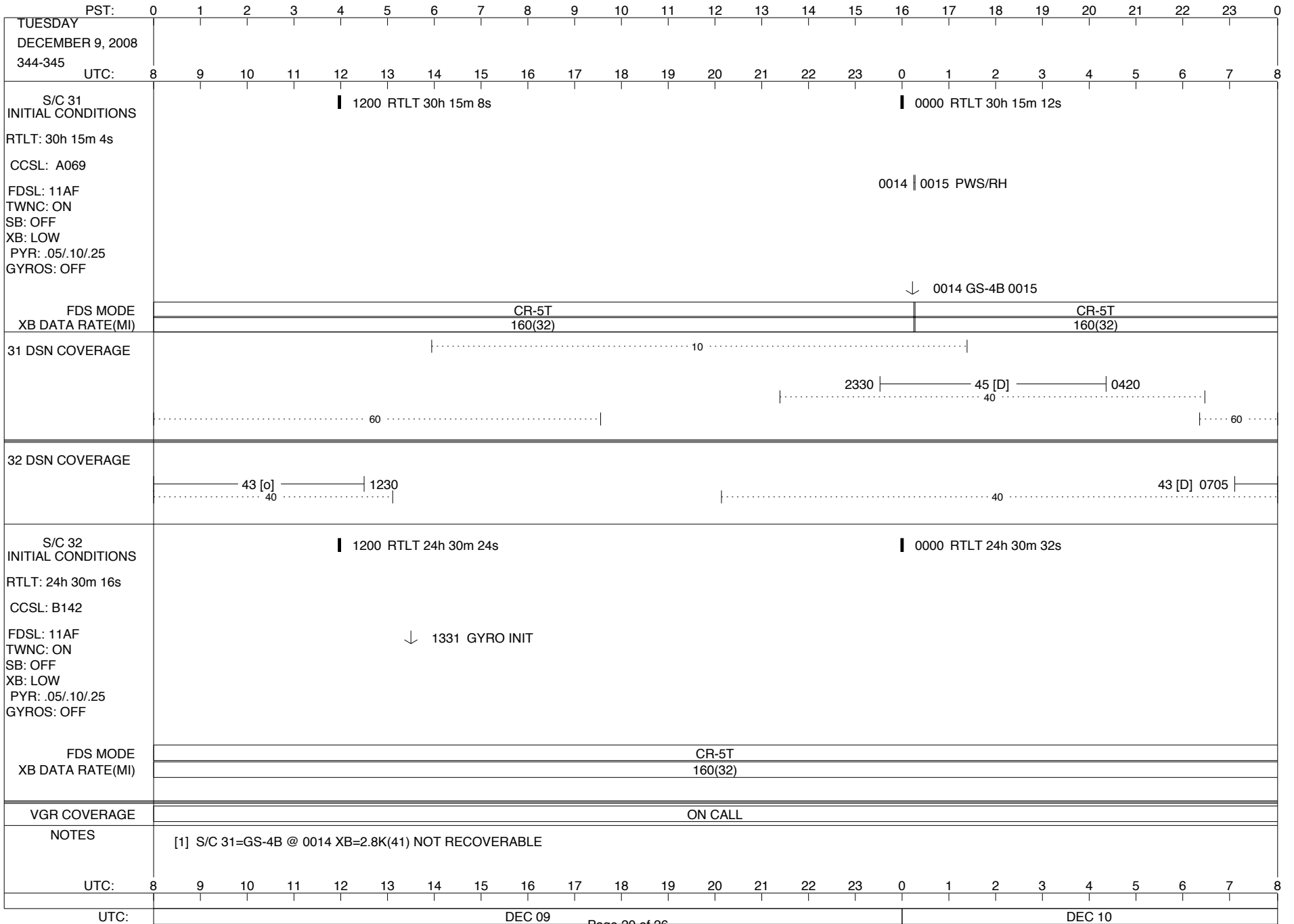


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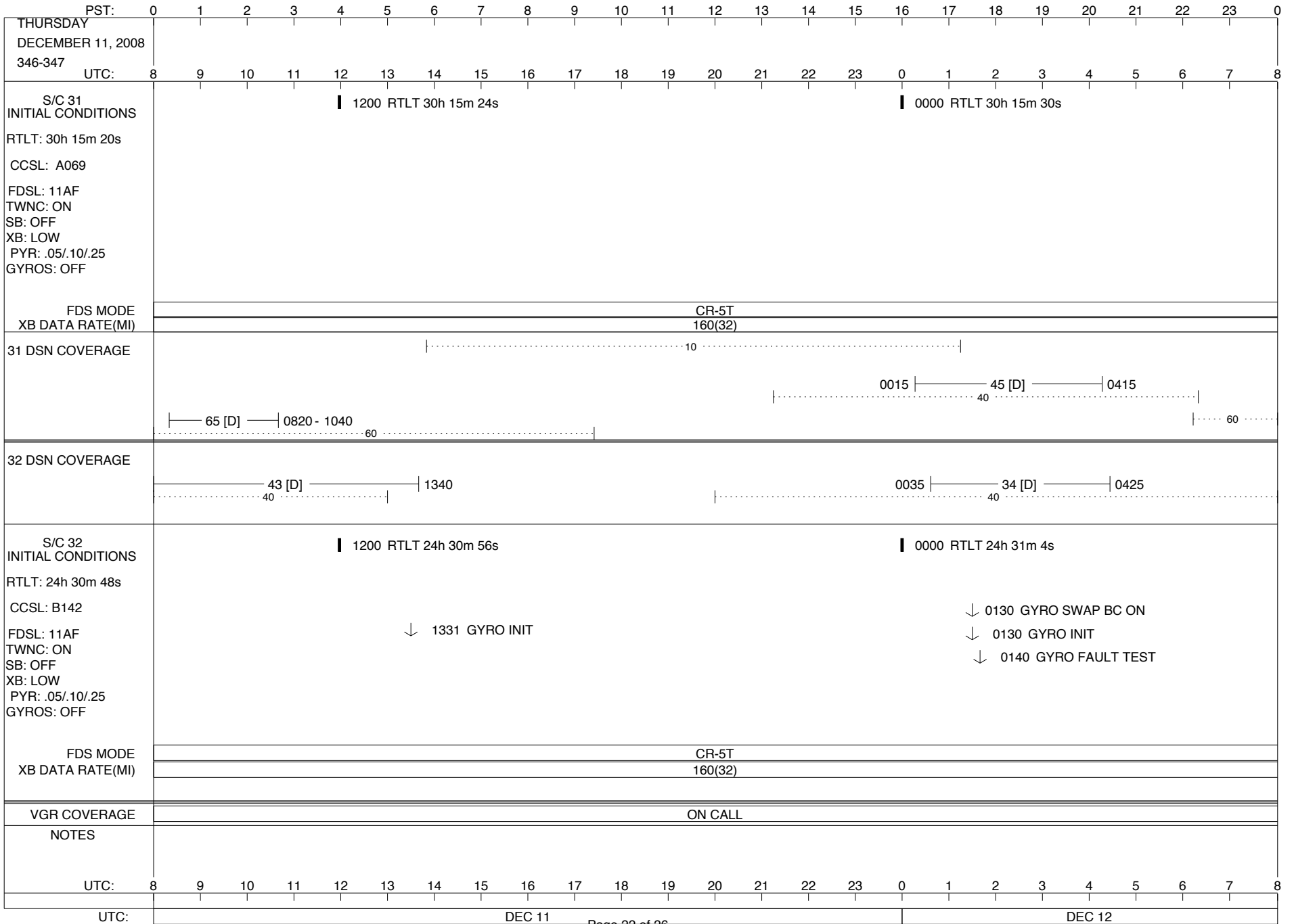
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MONDAY DECEMBER 8, 2008 343-344																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLT: 30h 14m 54s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█																					
FDS MODE																										
XB DATA RATE(MI)																										
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS RTLT: 24h 30m 0s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█																					
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 08														DEC 09											

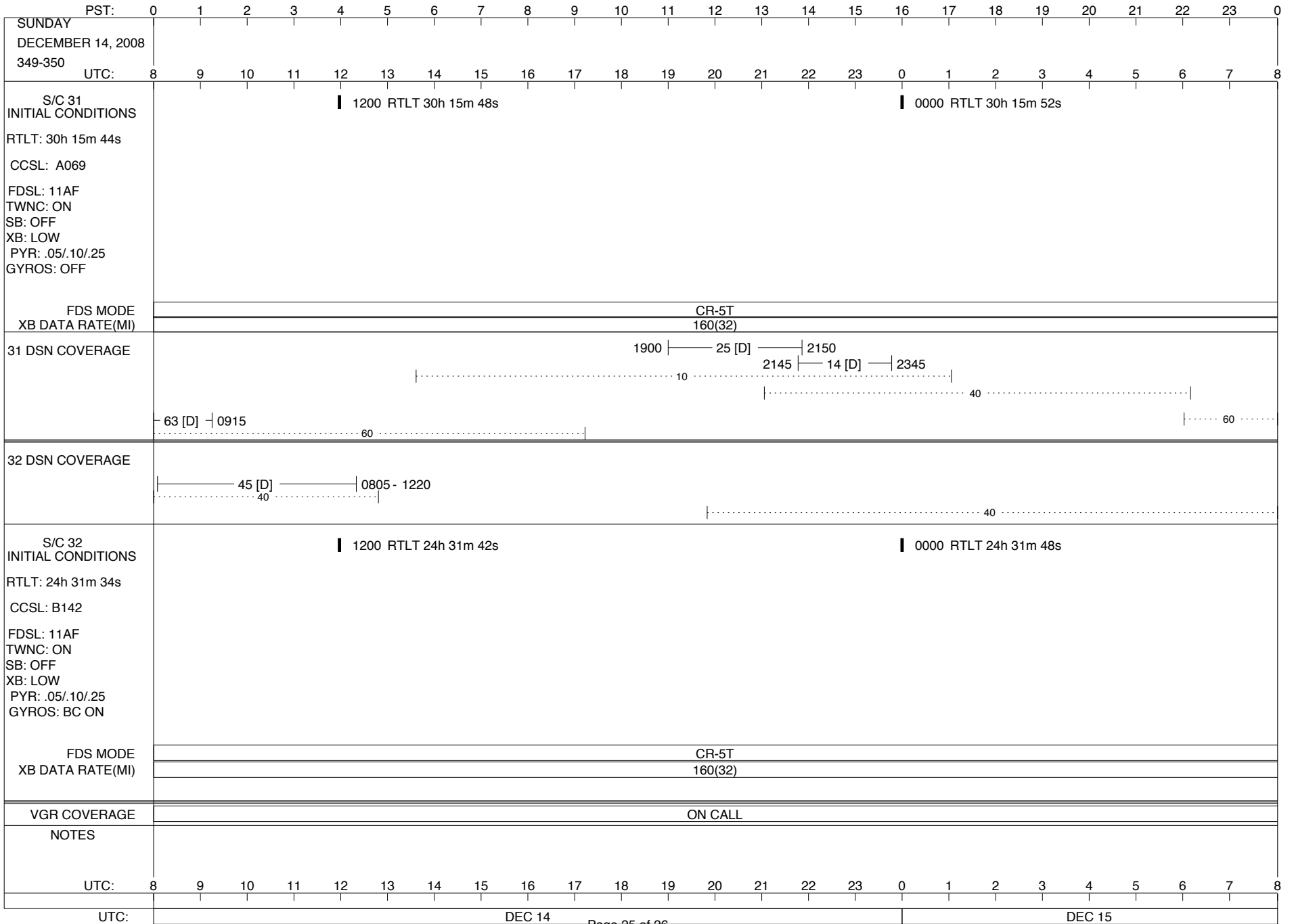


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WEDNESDAY DECEMBER 10, 2008 345-346																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 30h 15m 12s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 30h 15m 16s												0000 RTLT 30h 15m 20s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	1520 ----- 15 [D] ----- 2045												2350 --- 14 [D] --- 0135												
	----- 10 -----												----- 40 -----												
	----- 60 -----												----- 60 -----												
32 DSN COVERAGE	43 [D] ----- 1155												43 [D] 0755												
	----- 40 -----												----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLT: 24h 30m 32s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 24h 30m 40s												0000 RTLT 24h 30m 48s												
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:	DEC 10												DEC 11												



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: 30h 15m 38s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 30h 15m 42s												0000 RTLTL 30h 15m 44s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	1435 ----- 14 [D] ----- 2045 ----- 10 ----- ----- 40 ----- ----- 60 -----												0545 ----- 63 [D] ----- ----- 60 -----												
32 DSN COVERAGE	45 [D] ----- 1220 ----- 40 -----												0305 ----- 45 [D] ----- 0530 ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 24h 31m 18s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: BC ON	1200 RTLTL 24h 31m 26s												0000 RTLTL 24h 31m 34s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												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 13												DEC 14												



ISSUE DATE: 12/02/08 19:26

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MONDAY DECEMBER 15, 2008 350-351																											
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S/C 31 INITIAL CONDITIONS RTLT: 30h 15m 52s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 30h 15m 56s</p> </div>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<div style="text-align: center;"> <p>1425 14 [D] 1545 1755 15 [D] 2330</p> </div>																										
32 DSN COVERAGE	<div style="text-align: center;"> <p>34 [D] 0815 - 0945 0925 43 [D] 1325</p> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 24h 31m 48s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: BC ON	<div style="text-align: center;"> <p>1200 RTLT 24h 31m 56s</p> </div>																										
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 15													DEC 16													