

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: November 5, 2008

For the Period: 11/06/08 to 11/24/08 (08-311– 08-329)

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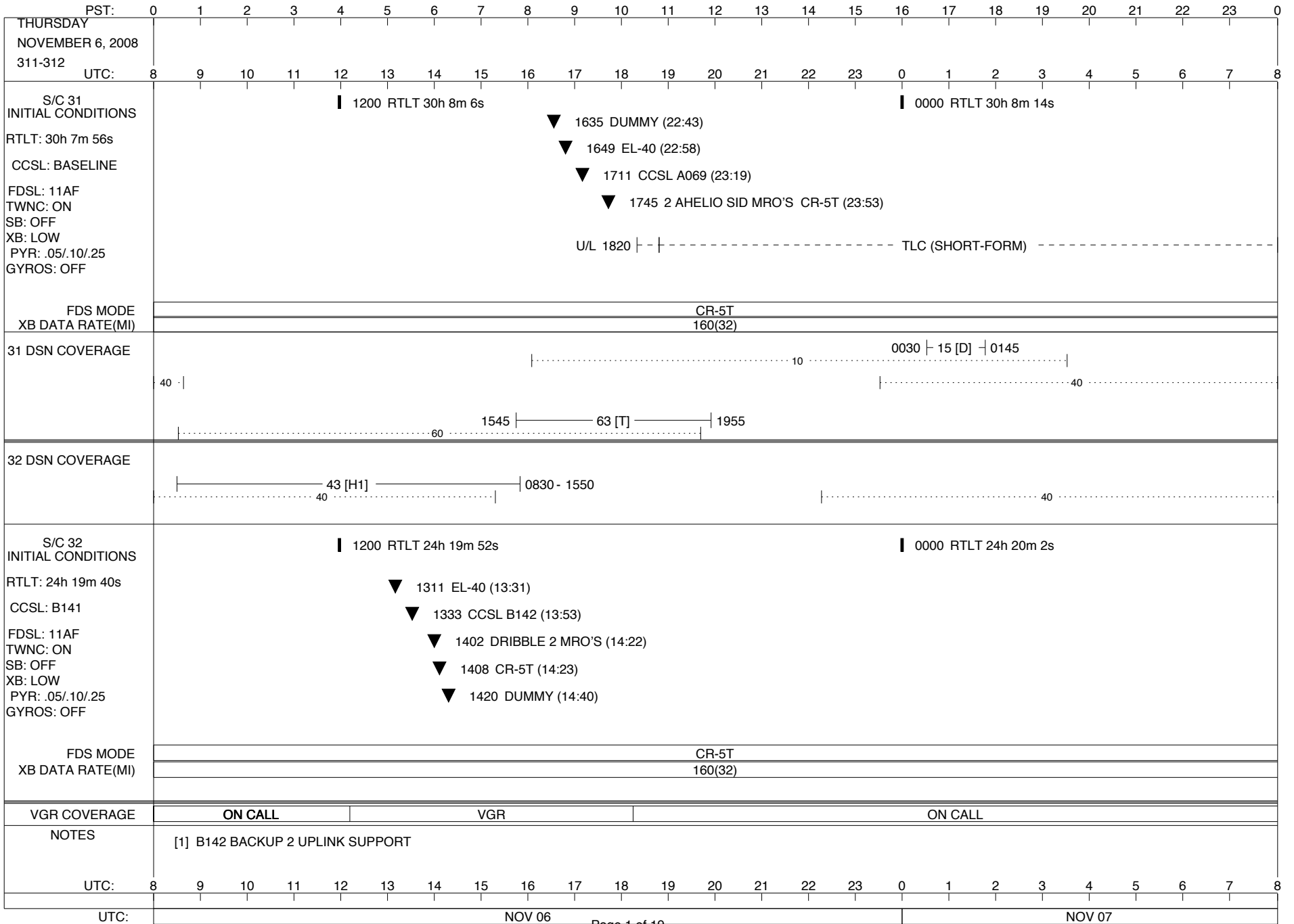
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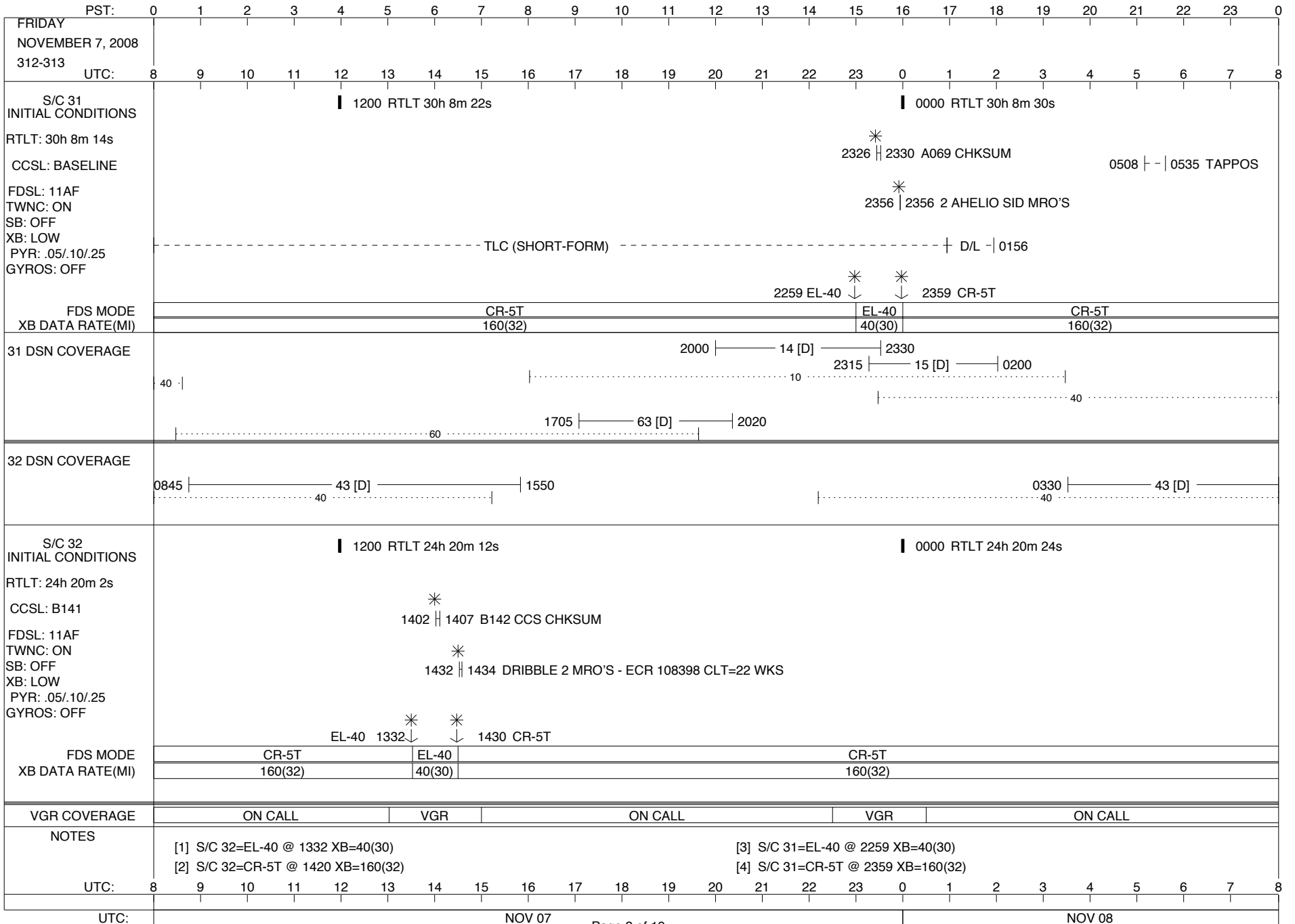
LEGEND: ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = 7-Point BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

*Electronic Copy Only
 (17 – Dist/N: Paper Copies)
 02/21/08

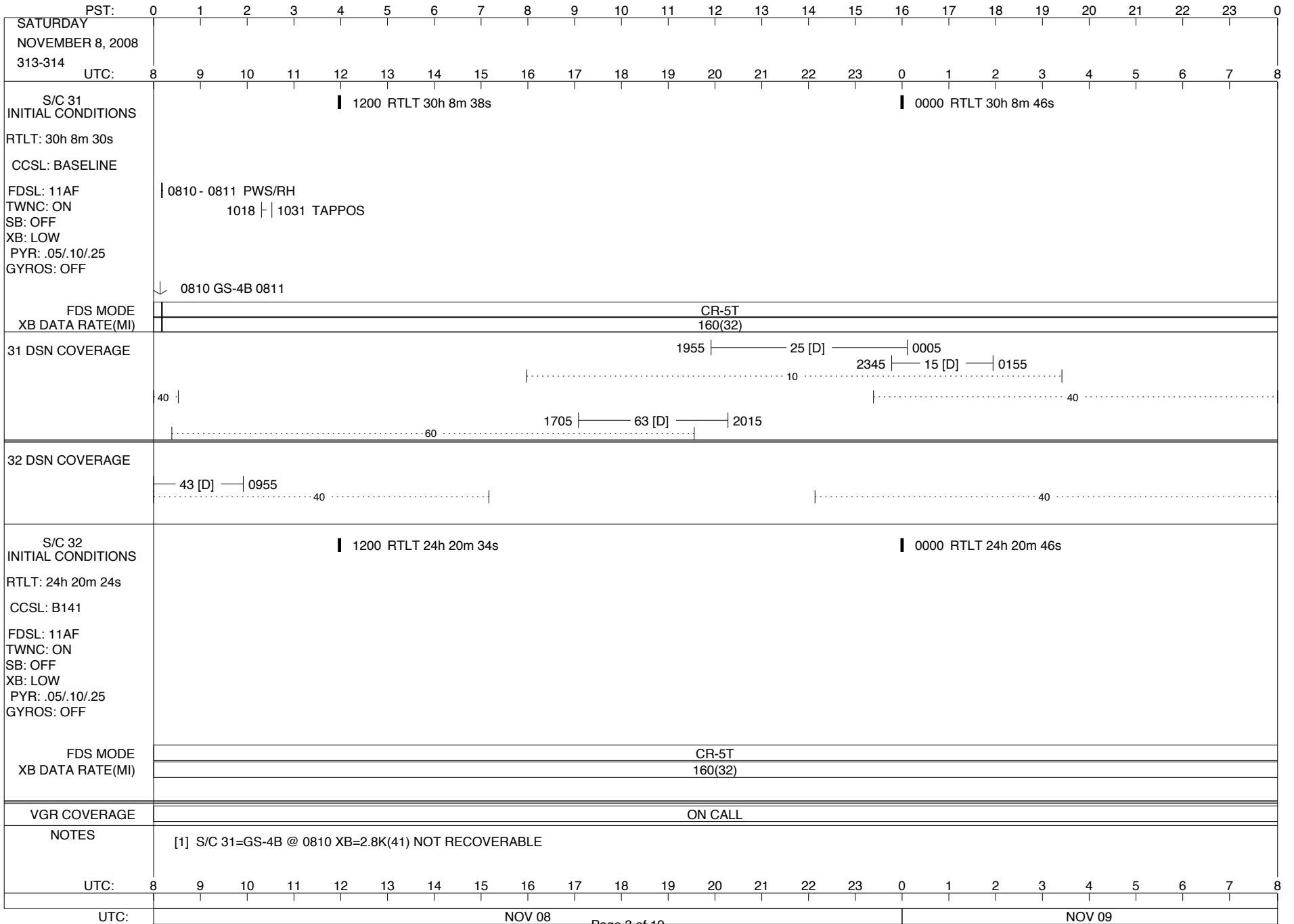
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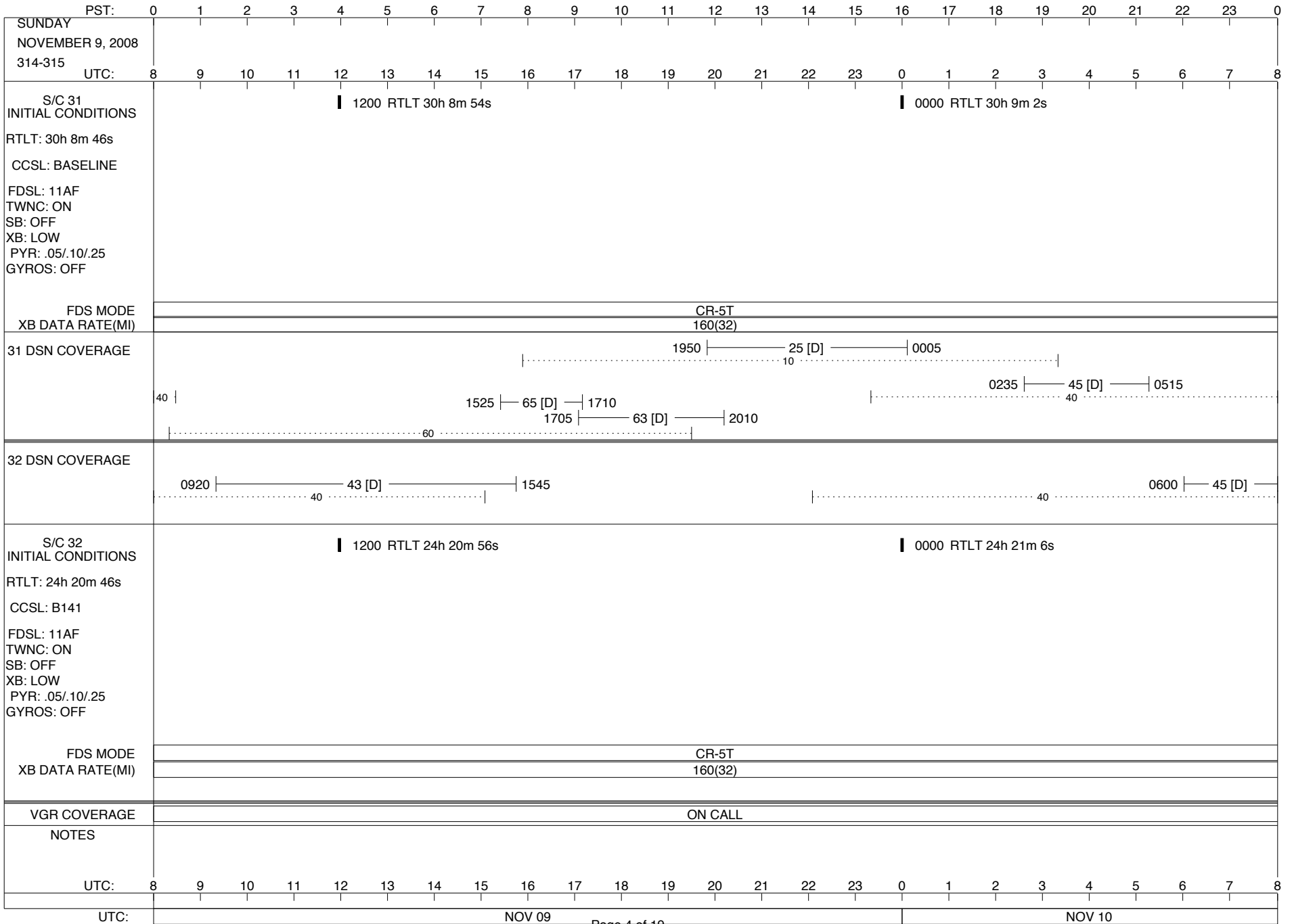
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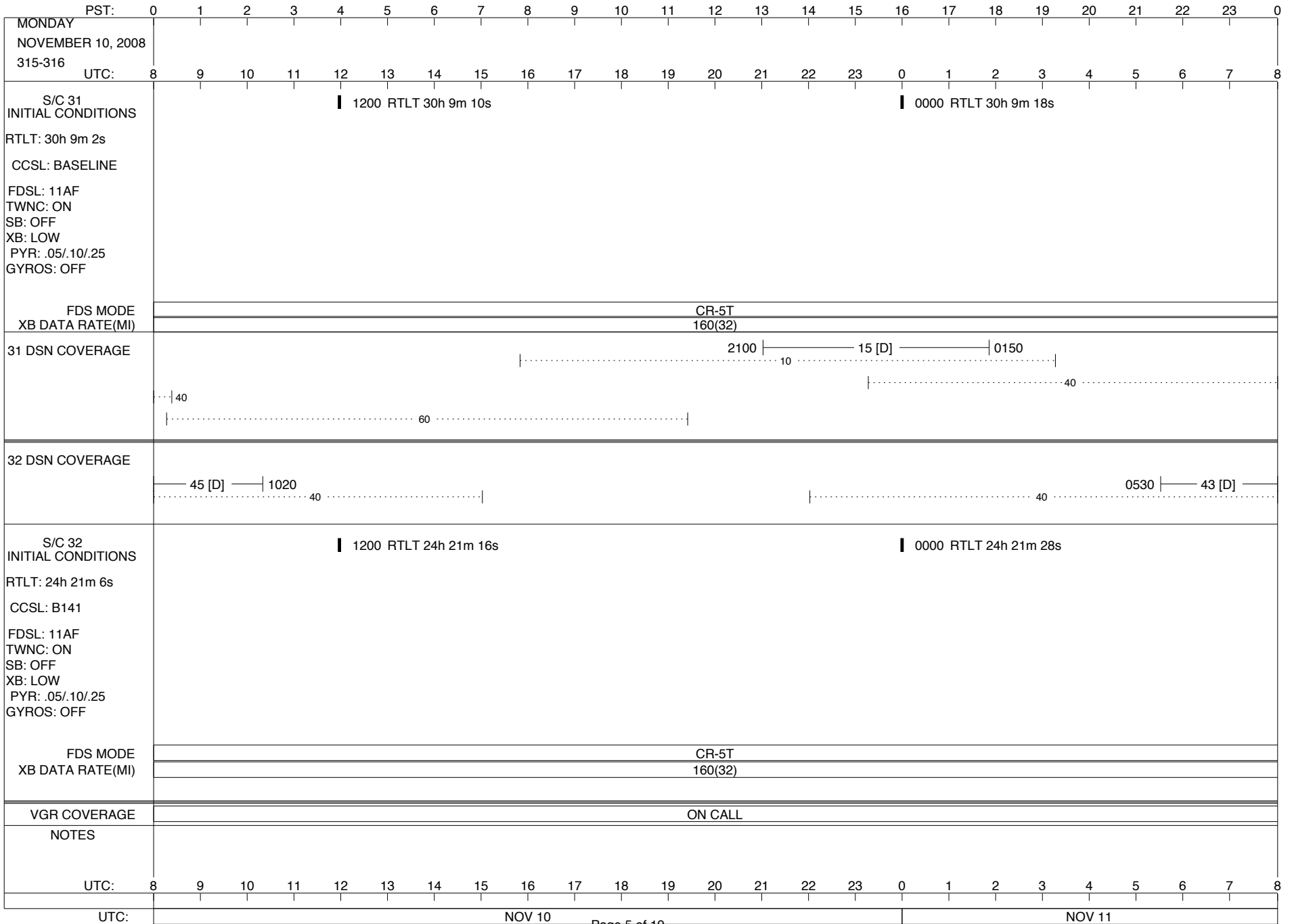
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TUESDAY NOVEMBER 11, 2008 316-317																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 30h 9m 18s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 30h 9m 26s												█ 0000 RTLT 30h 9m 34s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p>..... 40</p> <p>..... 60</p> <p>..... 1530 65 [D] 1745</p> </div> <div style="width: 20%; text-align: center;"> <p>2100 15 [D] 0145</p> <p>..... 10</p> </div> <div style="width: 40%;"> <p>..... 40</p> <p>..... 0545 34 [D] </p> </div> </div>																								
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 24h 21m 28s CCSL: B141 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 24h 21m 38s												█ 0000 RTLT 24h 21m 48s												
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 @ 0147 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:	NOV 11												NOV 12												

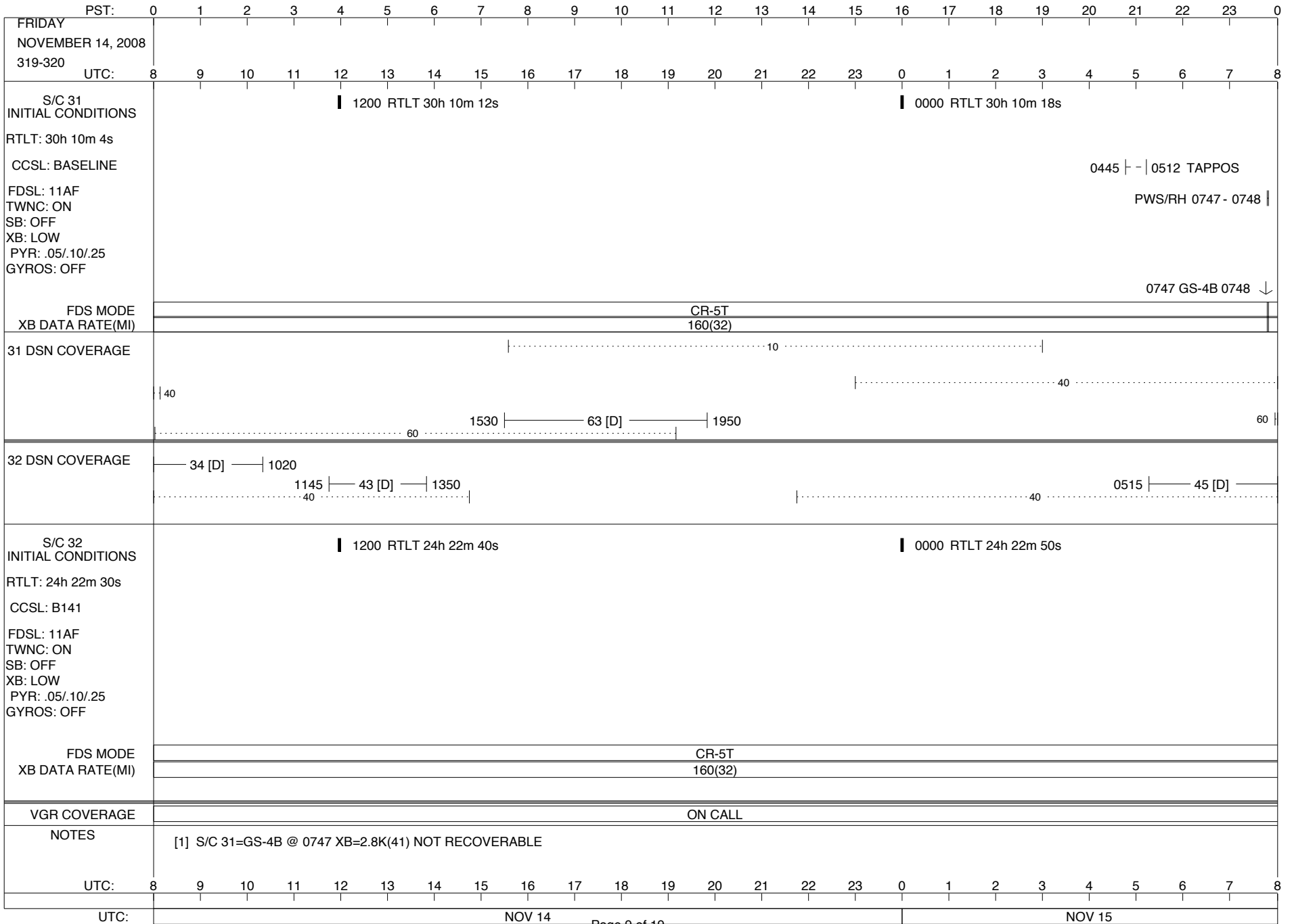
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WEDNESDAY																													
NOVEMBER 12, 2008																													
317-318																													
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS		█ 1200 RTLT 30h 9m 40s														█ 0000 RTLT 30h 9m 48s													
RTLT: 30h 9m 34s																													
CCSL: BASELINE																													
FDSL: 11AF																1802 ---- MAGCAL ---- 2105													
TWNC: ON																1802 ---- PESCAL ---- 2122													
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;"> 1715 ----- 15 [D1] ----- 2230 </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> </div>																											
32 DSN COVERAGE		<div style="display: flex; justify-content: space-between;"> 34 [D] ----- 0950 </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> 0930 ----- 43 [B2] ----- 1345 </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> </div>																											
S/C 32 INITIAL CONDITIONS		█ 1200 RTLT 24h 22m 0s														█ 0000 RTLT 24h 22m 10s													
RTLT: 24h 21m 48s																													
CCSL: B141																													
FDSL: 11AF																▼ 1247 DUMMY (5 MIN BRACKETED 13:10)													
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		<p>[1] REAL-TIME DATA TO TDS ONLY (NOT MSA) DUE TO CENTRAL COMMUNICATIONS TERMINAL (CCT) SERIAL LINE MATRIX SWITCH MAINTENANCE</p> <p>[2] B142 BACKUP 4 UPLINK SUPPORT</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			
UTC:		NOV 12														NOV 13													

ISSUE DATE: 11/05/08 20:08

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 NOVEMBER 13, 2008 318-319																												
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 9m 48s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 30h 9m 56s												█ 0000 RTLT 30h 10m 4s															
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
31 DSN COVERAGE	1550 ----- 63 ----- 1950												----- 10 -----															
	----- 40 -----												----- 40 -----															
	----- 60 -----																											
32 DSN COVERAGE	0920 ----- 45 [D] ----- 1230												0620 ----- 34 [D] -----															
	1210 ----- 43 [D] ----- 1535												----- 40 -----															
	----- 40 -----																											
S/C 32 INITIAL CONDITIONS RTLT: 24h 22m 10s CCSL: B141 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 24h 22m 20s												█ 0000 RTLT 24h 22m 30s															
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:	NOV 13														NOV 14													

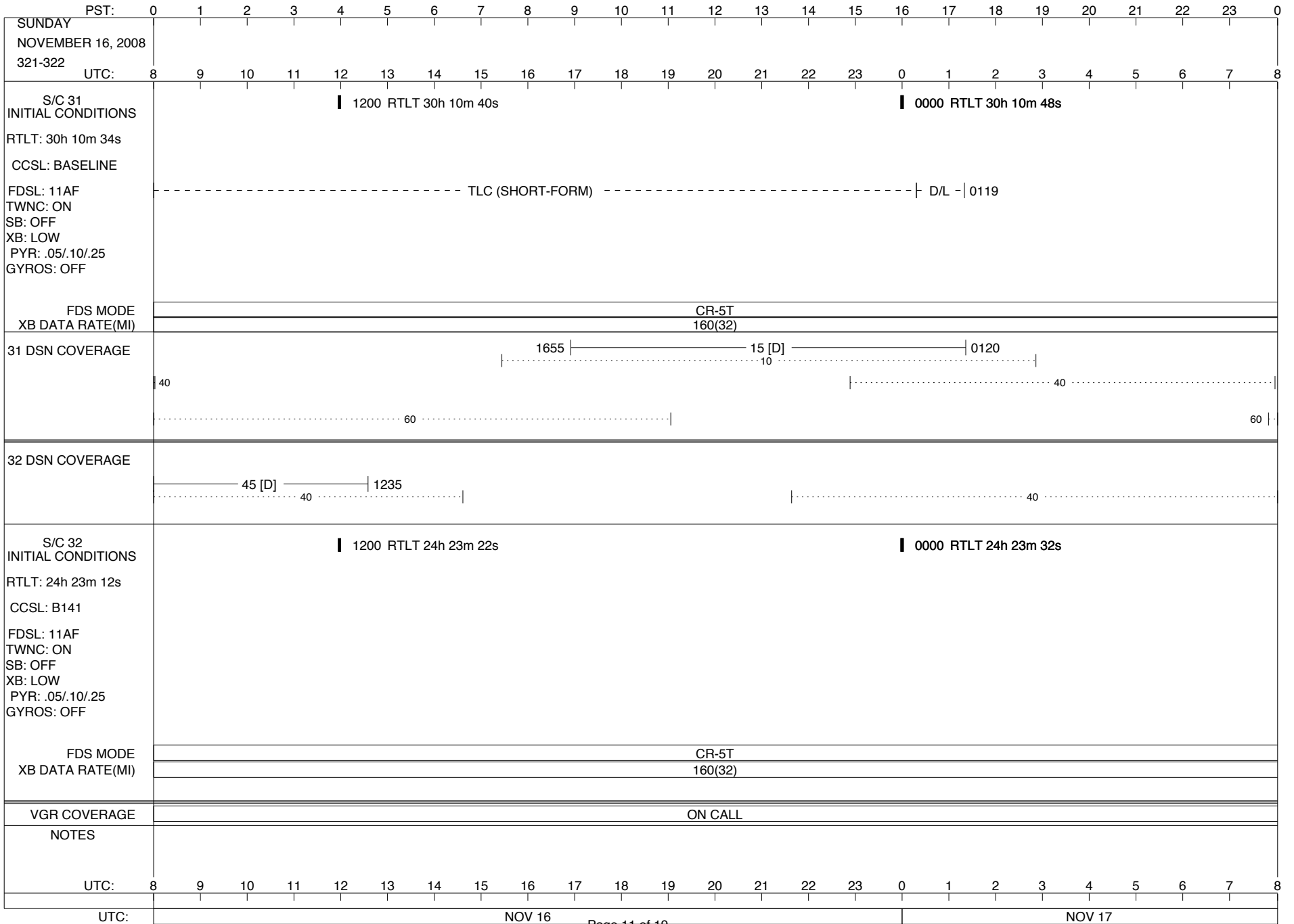
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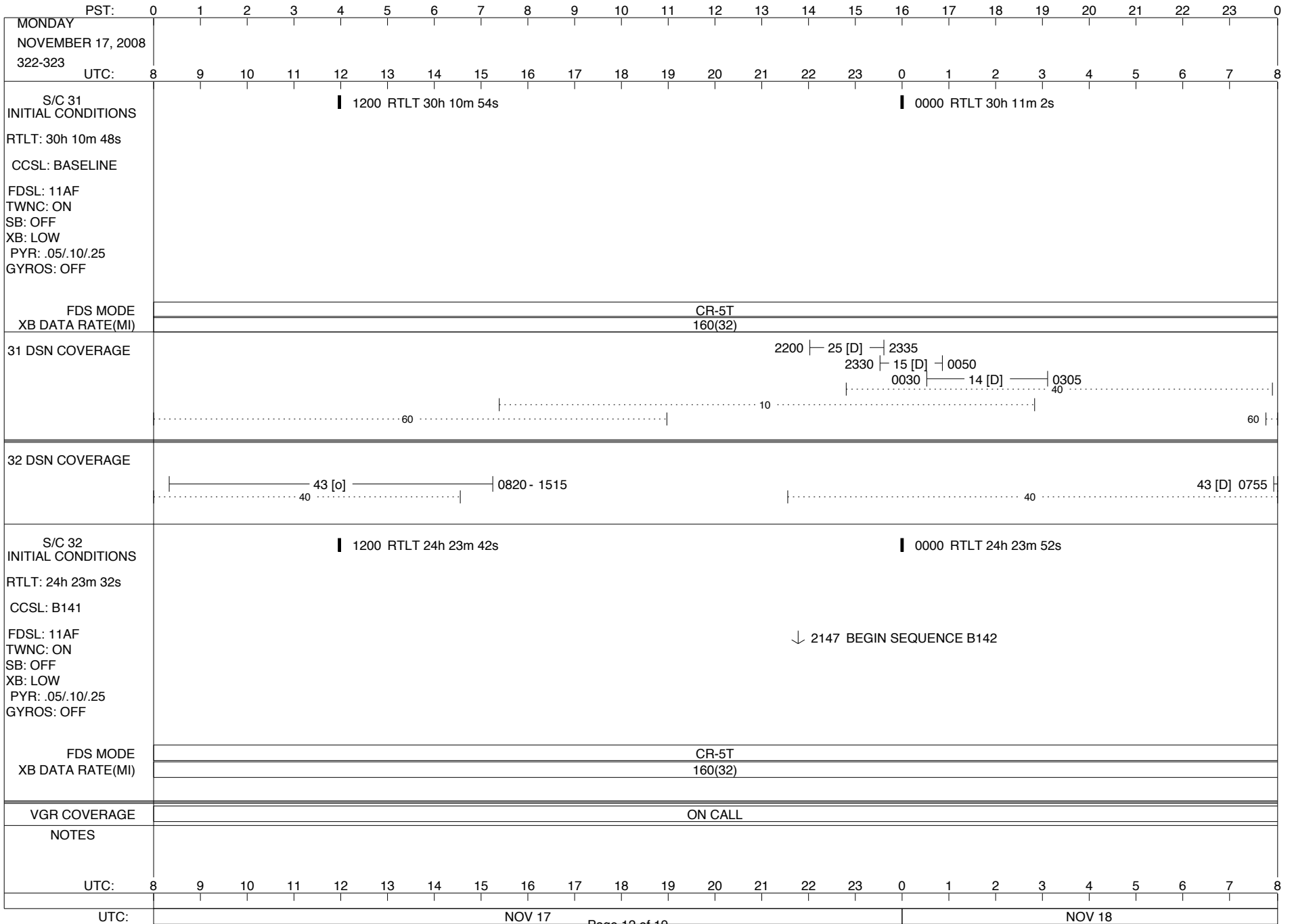
ISSUE DATE: 11/05/08 20:08

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 NOVEMBER 15, 2008 320-321	
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 10m 18s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p>1200 RTLT 30h 10m 26s</p> <p>0955 1008 TAPPOS</p> <p>U/L 1740 - - - - - - TLC (SHORT-FORM) - - - - -</p> <p>0000 RTLT 30h 10m 34s</p>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
31 DSN COVERAGE	<p>1525 ----- 14 [T1] ----- 1945</p> <p>40 ----- 60 ----- 40 ----- 60</p>
32 DSN COVERAGE	<p>45 [D] ----- 1230</p> <p>40 ----- 40 ----- 45 [D] 0755</p>
S/C 32 INITIAL CONDITIONS RTLT: 24h 22m 50s CCSL: B141 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p>1200 RTLT 24h 23m 2s</p> <p>0000 RTLT 24h 23m 12s</p>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
VGR COVERAGE	ON CALL
NOTES	[1] A069 BACKUP UPLINK TRACK
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: NOV 15 ----- NOV 16	

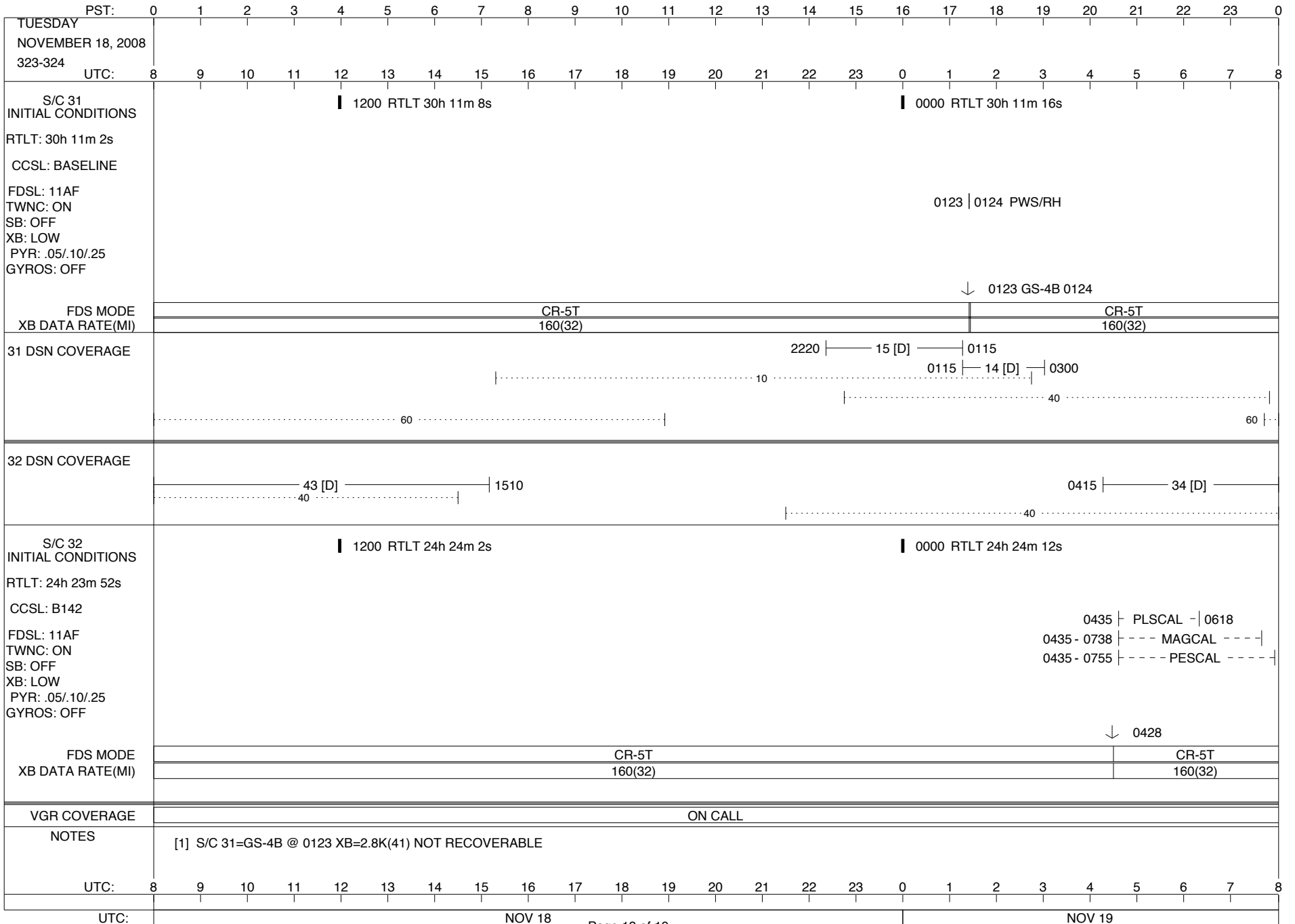
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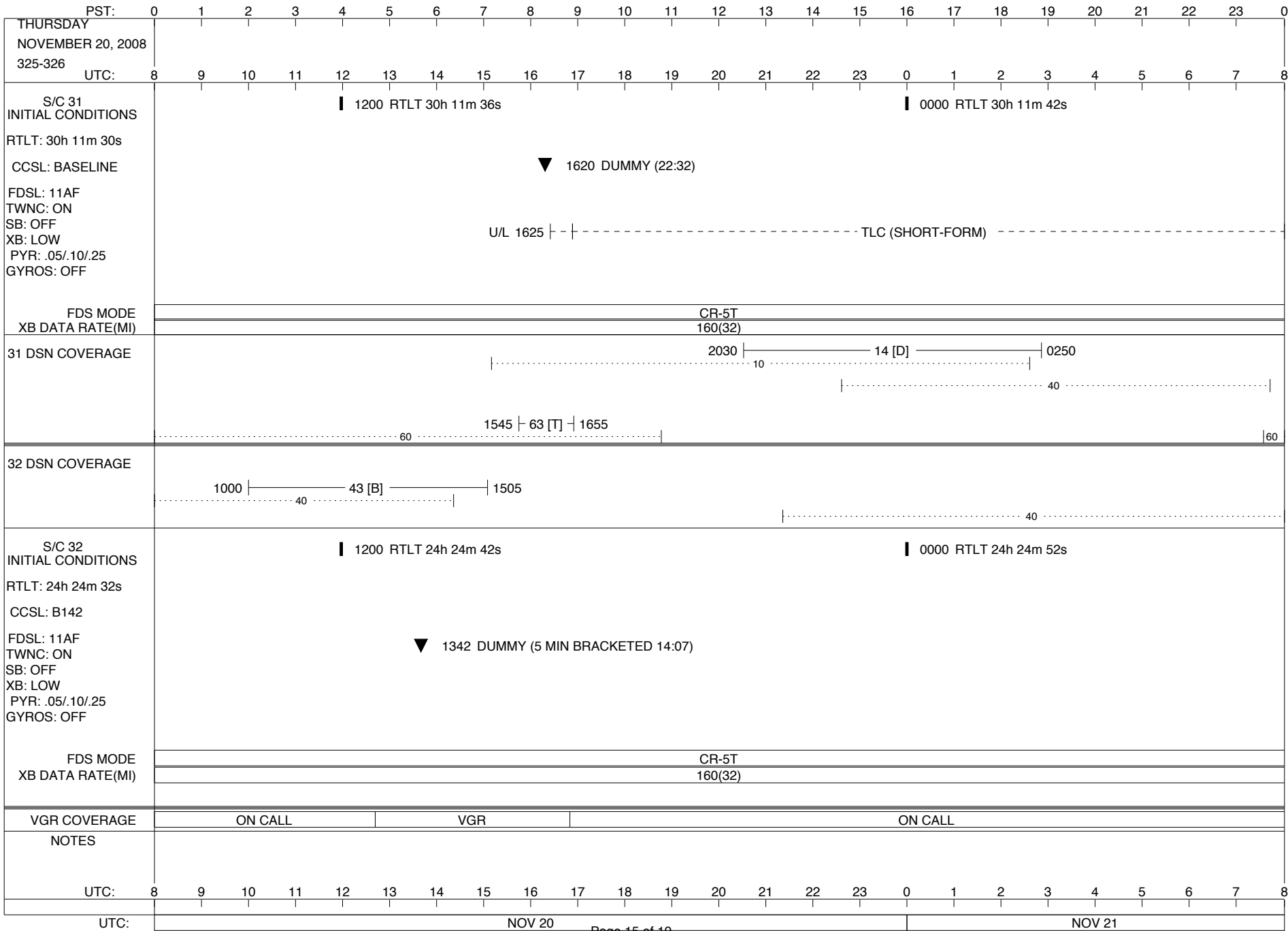


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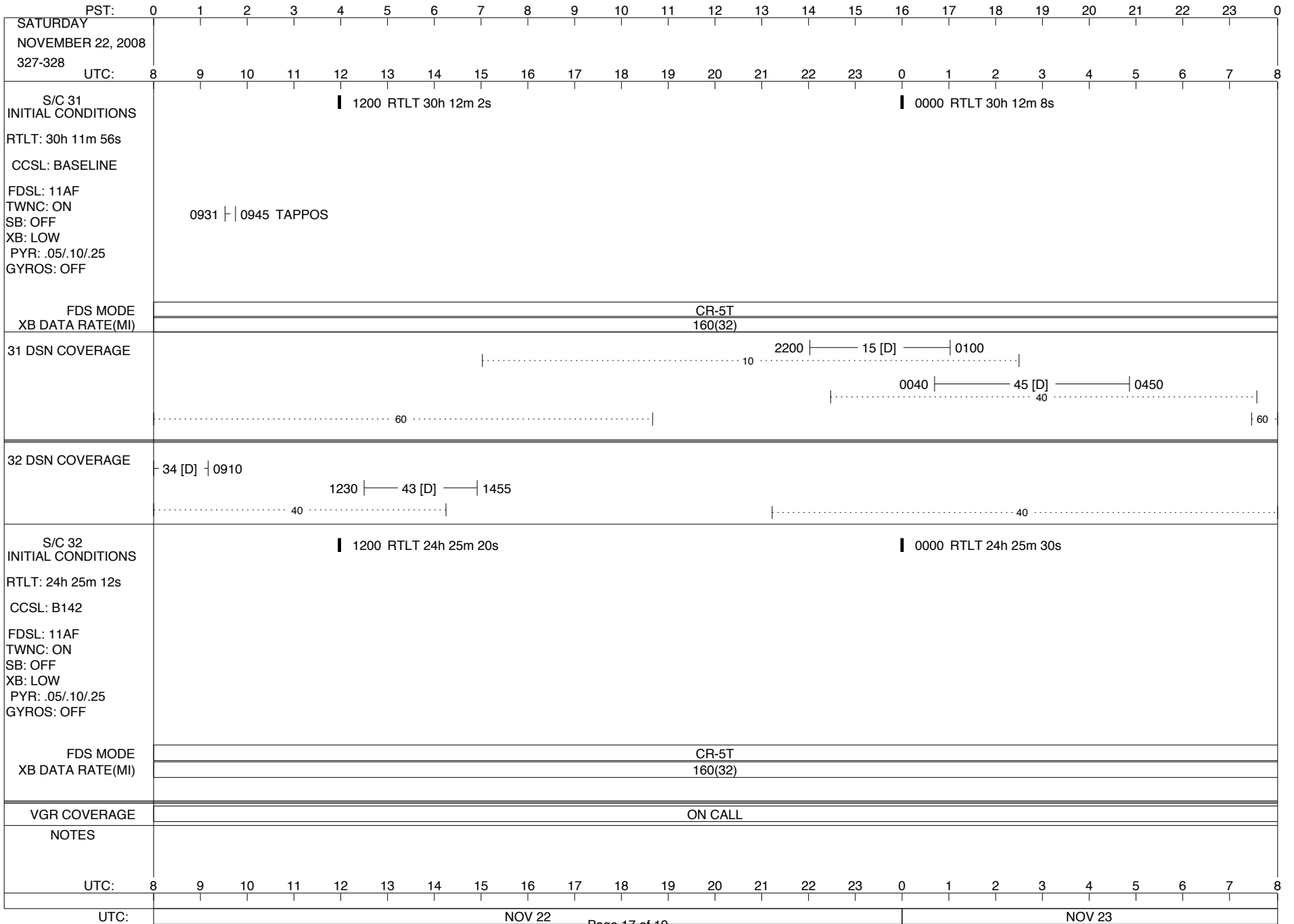
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WEDNESDAY NOVEMBER 19, 2008 324-325																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS RTLT: 30h 11m 16s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF					█ 1200																█ 0000							
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
31 DSN COVERAGE													0030 ----- 14 [D] ----- 0300 ----- 10 ----- 0330 ----- 45 [D] ----- 0535 ----- 40 ----- 60 60															
32 DSN COVERAGE	34 [D] ----- 0950 0930 ----- 43 [D] ----- 1315 ----- 40 ----- 40																											
S/C 32 INITIAL CONDITIONS RTLT: 24h 24m 12s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF					█ 1200																█ 0000							
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:	NOV 19														NOV 20													



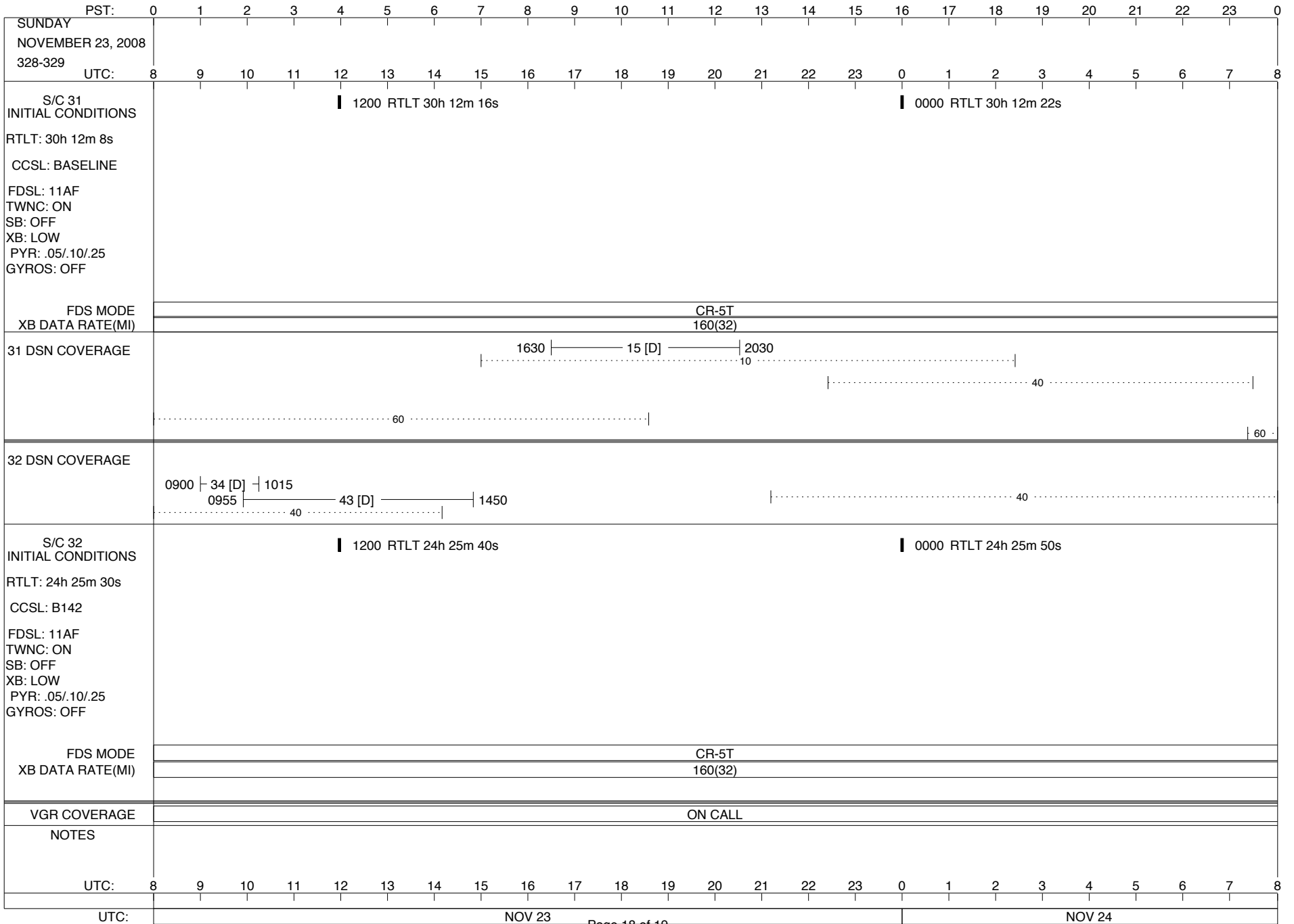
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FRIDAY NOVEMBER 21, 2008 326-327																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 30h 11m 42s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 30h 11m 50s												0000 RTLT 30h 11m 56s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	2015 ----- 15 [D] ----- 0100												0100 ----- 40												
	1500 ----- 65 [D] ----- 1700												----- 60												
32 DSN COVERAGE	0905 ----- 34 [D] ----- 1020												0445 ----- 34 [D] -----												
	1000 ----- 43 [D] ----- 1500												----- 40												
S/C 32 INITIAL CONDITIONS RTLT: 24h 24m 52s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 24h 25m 2s												0000 RTLT 24h 25m 12s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0724 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:	NOV 21												NOV 22												

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MONDAY NOVEMBER 24, 2008 329-330	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 12m 22s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 12m 28s																								
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 24h 25m 50s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 26m 0s																								
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:	NOV 24												NOV 25												