

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: November 12, 2008

For the Period: 11/13/08 to 12/01/08 (08-318– 08-336)

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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

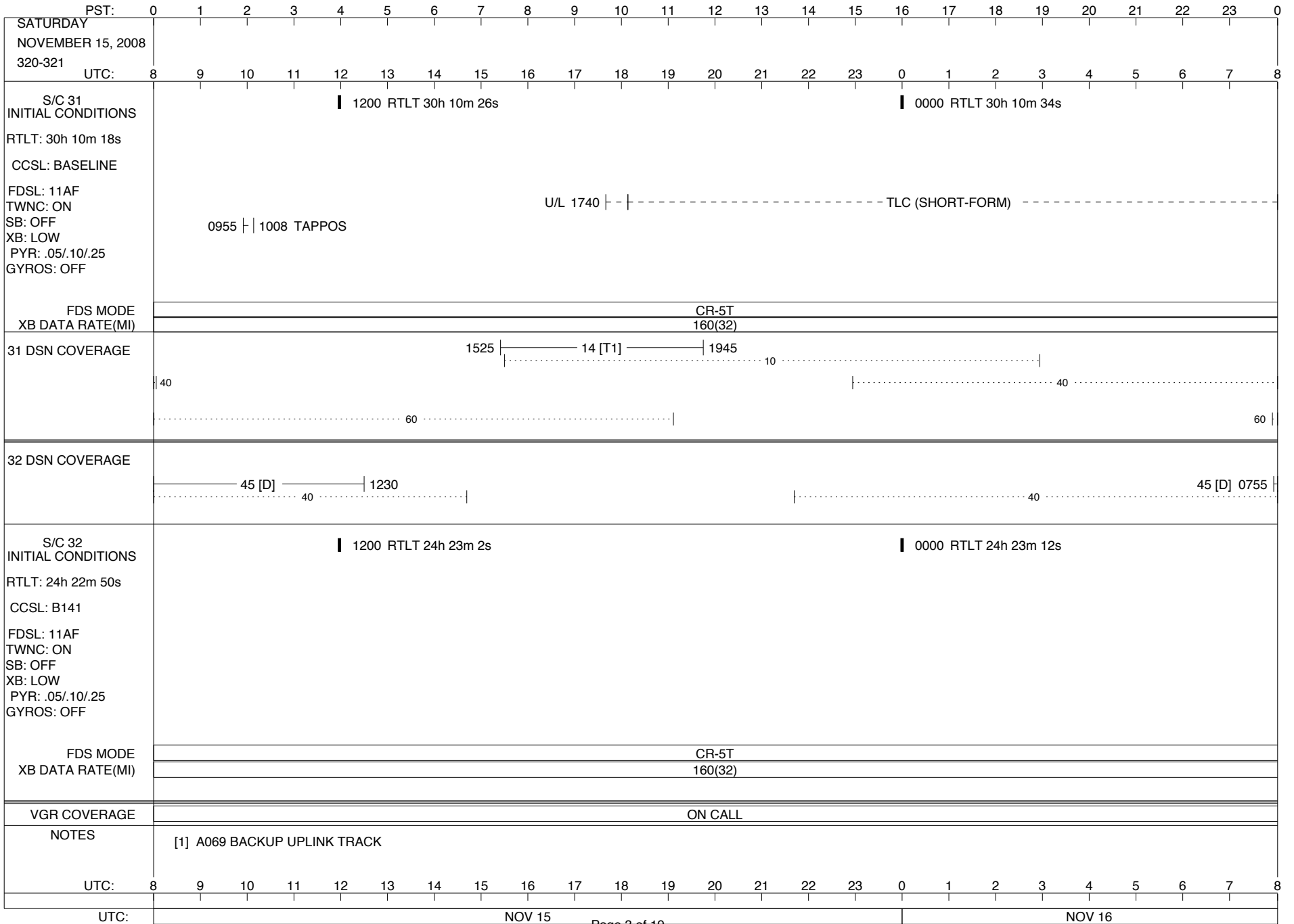
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THURSDAY NOVEMBER 13, 2008 318-319																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLT: 30h 9m 48s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█ 1200																				█ 0000	
FDS MODE																										
XB DATA RATE(MI)																										
31 DSN COVERAGE																										
32 DSN COVERAGE																										
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																				█ 0000	
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:																										

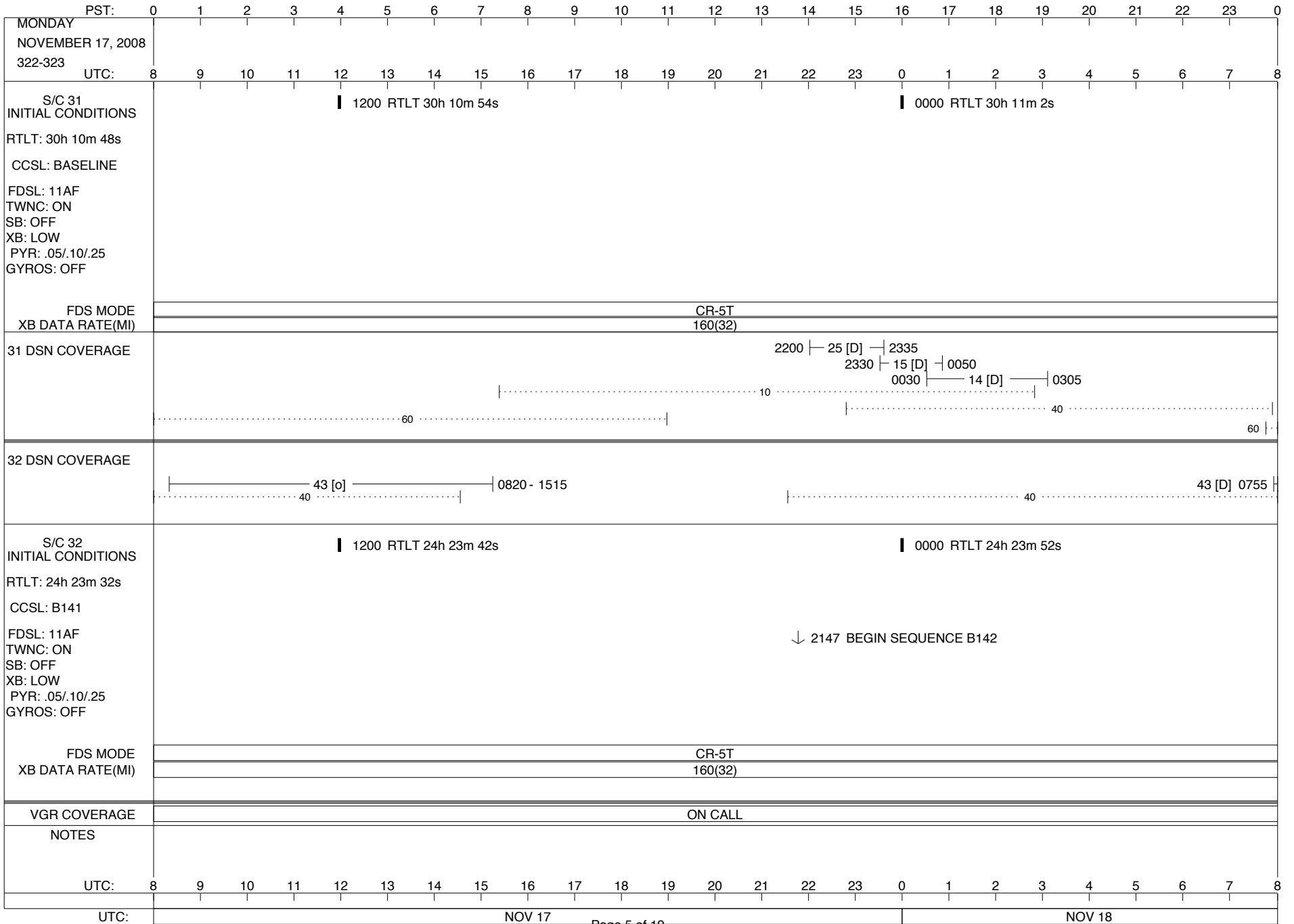
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FRIDAY NOVEMBER 14, 2008 319-320	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 30h 10m 4s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 10m 12s												0000 RTLT 30h 10m 18s												
FDS MODE	CR-5T												0445 - 0512 TAPPOS												
XB DATA RATE(MI)	160(32)												PWS/RH 0747 - 0748												
31 DSN COVERAGE	40												40												
	60												60												
	1530 63 [D] 1950												0747 GS-4B 0748 ↓												
32 DSN COVERAGE	34 [D] 1020												0515 45 [D]												
	1145 43 [D] 1350												40												
	40												40												
S/C 32 INITIAL CONDITIONS RTLT: 24h 22m 30s CCSL: B141 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 22m 40s												0000 RTLT 24h 22m 50s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0747 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 14												NOV 15												

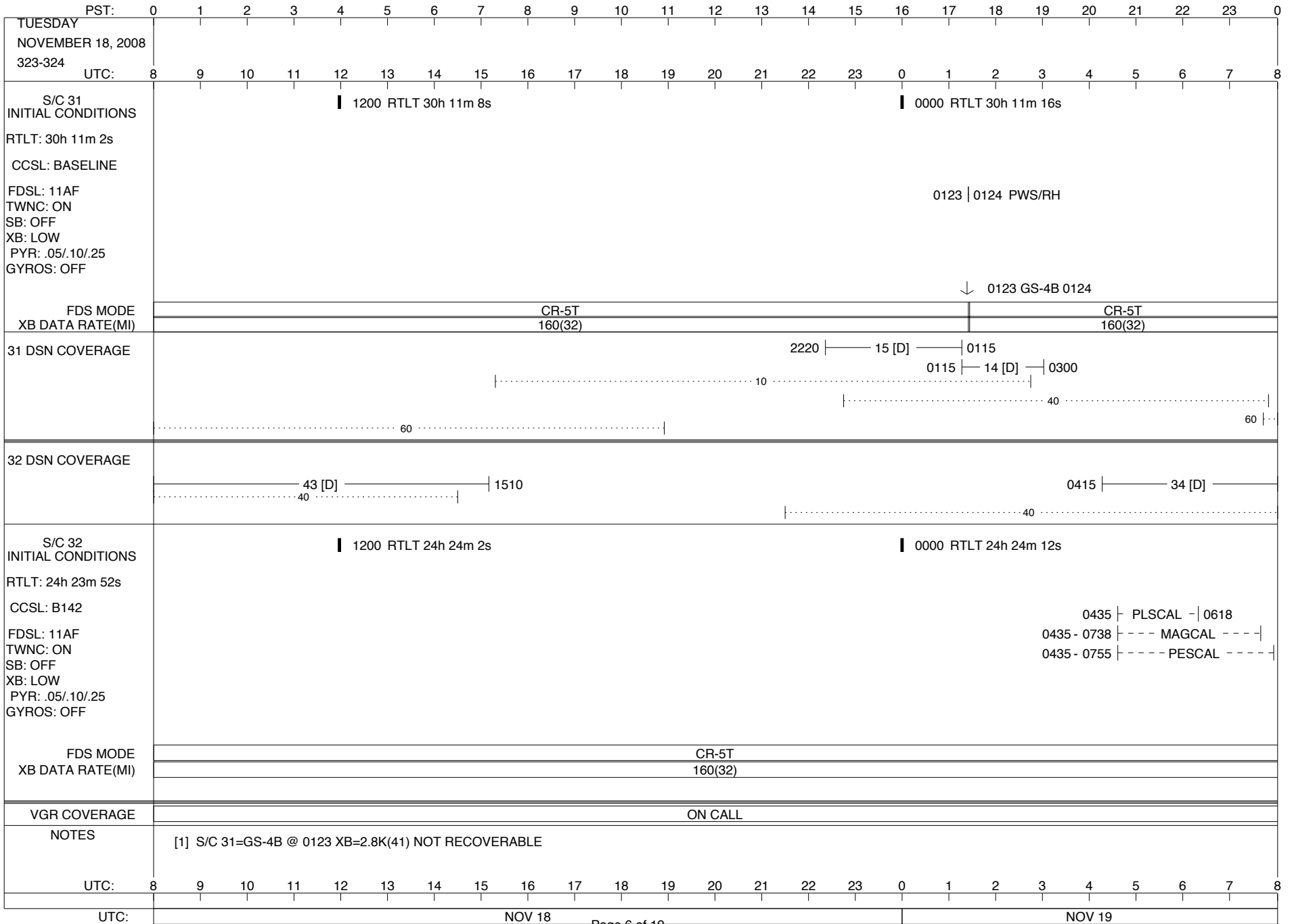
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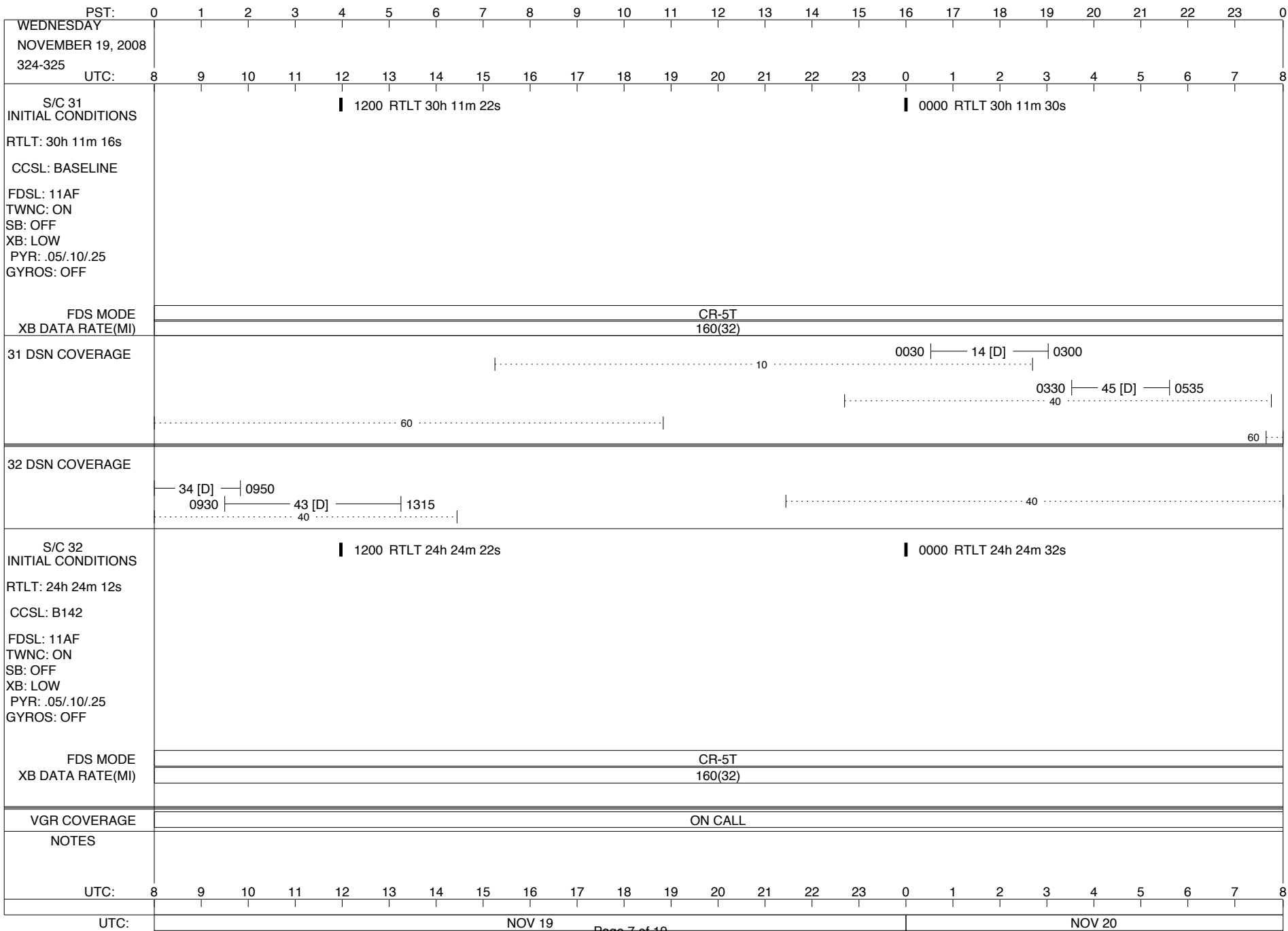
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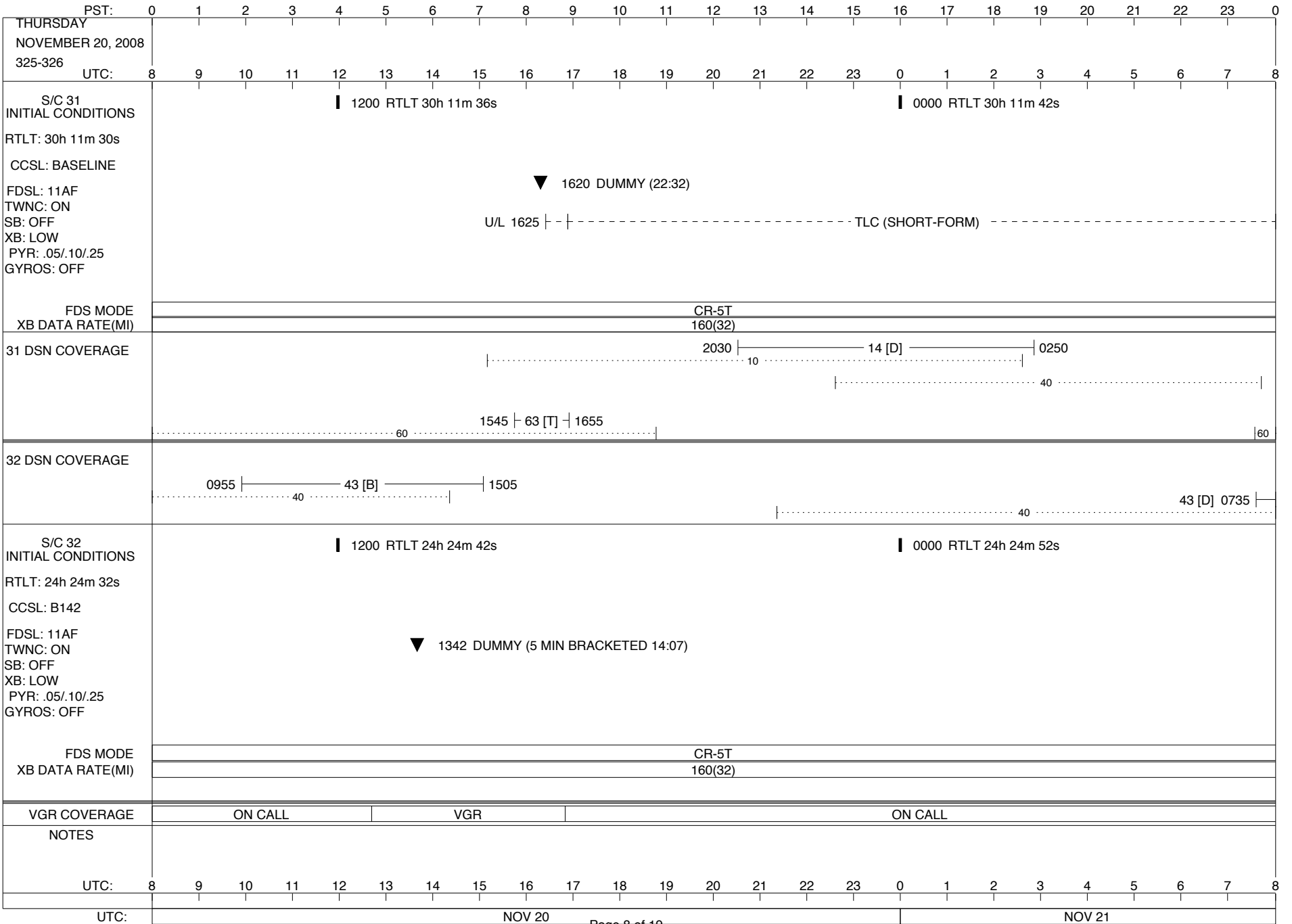


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FRIDAY NOVEMBER 21, 2008 326-327	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 30h 11m 42s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 30h 11m 50s			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

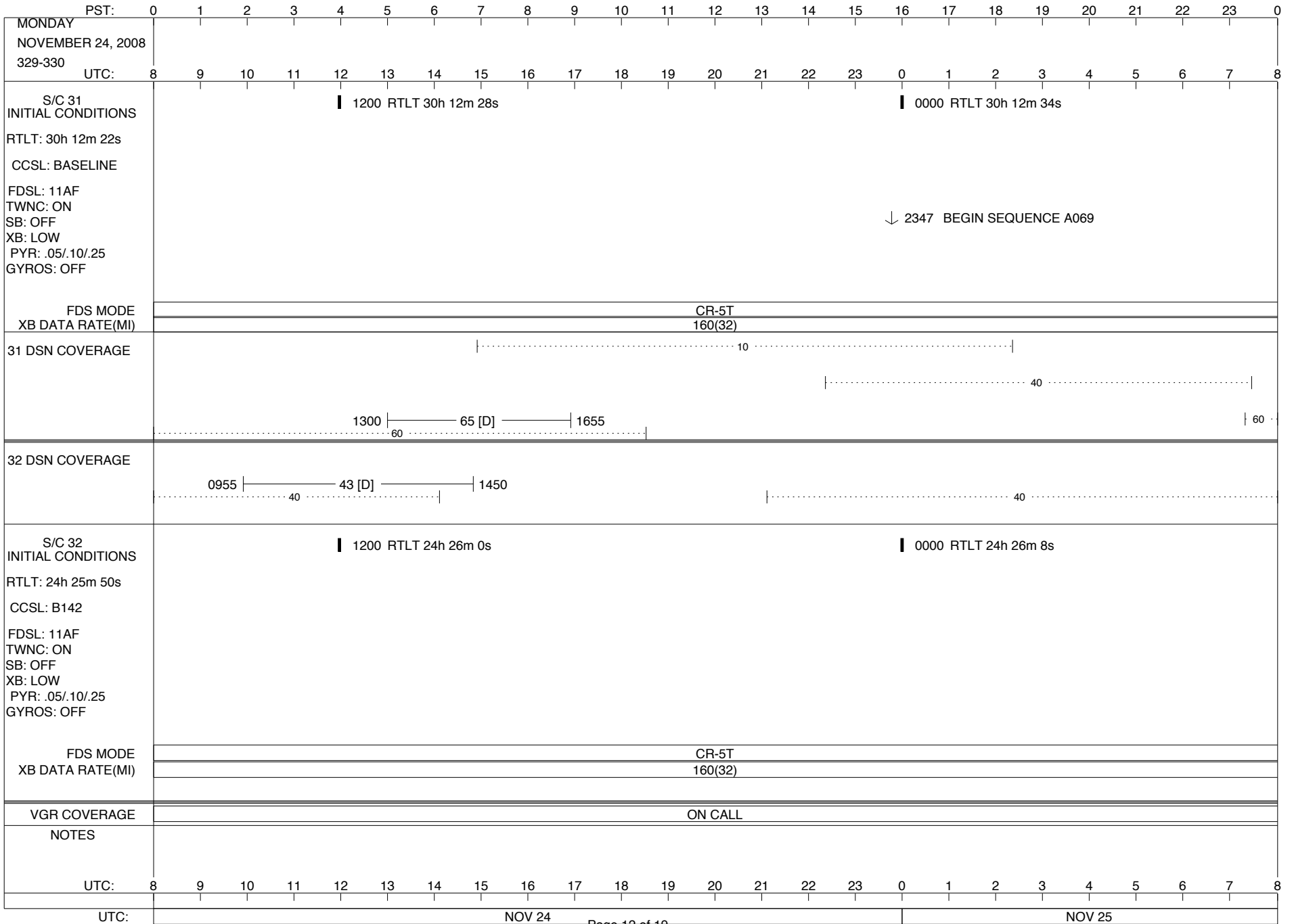
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SATURDAY NOVEMBER 22, 2008 327-328	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLTL: 30h 11m 56s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 30h 12m 2s												0000 RTLTL 30h 12m 8s													
0931 0945 TAPPOS																										
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE 60												2200 ----- 15 [D] ----- 0100 40 0040 ----- 45 [D] ----- 0450 40													
32 DSN COVERAGE	34 [D] 0910 40 1230 ----- 43 [D] ----- 1455											 40													
S/C 32 INITIAL CONDITIONS RTLTL: 24h 25m 12s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 24h 25m 20s												0000 RTLTL 24h 25m 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:	NOV 22													NOV 23												

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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
SUNDAY NOVEMBER 23, 2008 328-329	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 8s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 12m 16s												0000 RTLT 30h 12m 22s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	1630 ----- 15 [D] ----- 2030 ----- 10 -----												----- 40 -----												
	60												60												
32 DSN COVERAGE	0900 ----- 34 [D] ----- 1015 1010 ----- 43 [o] ----- 1450												----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLT: 24h 25m 30s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 25m 40s												0000 RTLT 24h 25m 50s												
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 23												NOV 24												

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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
TUESDAY NOVEMBER 25, 2008 330-331	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 34s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 30h 12m 40s												0000 RTLT 30h 12m 46s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE 60												2145 ----- 15 [D] ----- 0050 0030 ----- 14 [D] ----- 0235 40												
32 DSN COVERAGE 40 43 [D] 0810 - 1440 40 0500 34 [D]												
S/C 32 INITIAL CONDITIONS RTLT: 24h 26m 8s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 24h 26m 18s												0000 RTLT 24h 26m 28s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0101 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 25												NOV 26												

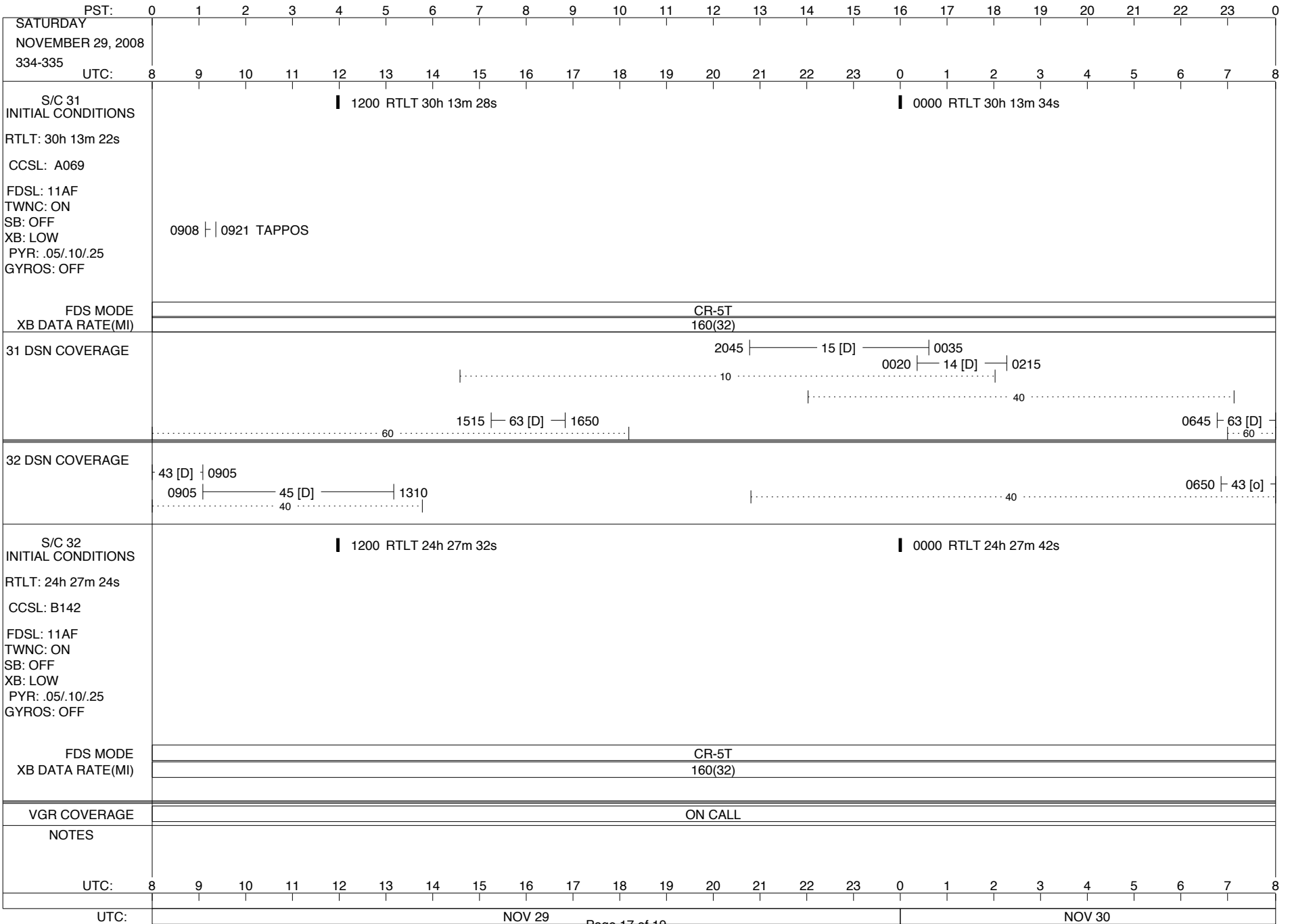
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WEDNESDAY NOVEMBER 26, 2008 331-332	
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8	
S/C 31 INITIAL CONDITIONS RTLT: 30h 12m 46s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 30h 12m 52s 0000 RTLT 30h 12m 58s
FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)
31 DSN COVERAGE	2040 ----- 15 [D] ----- 0025 ----- 10 ----- 0005 ----- 14 [D] ----- 0230 ----- 60 ----- 40 ----- 60
32 DSN COVERAGE	34 [D] 0900 ----- 40 ----- 40
S/C 32 INITIAL CONDITIONS RTLT: 24h 26m 28s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 24h 26m 38s 0000 RTLT 24h 26m 46s
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 26 Page 14 of 19 NOV 27	

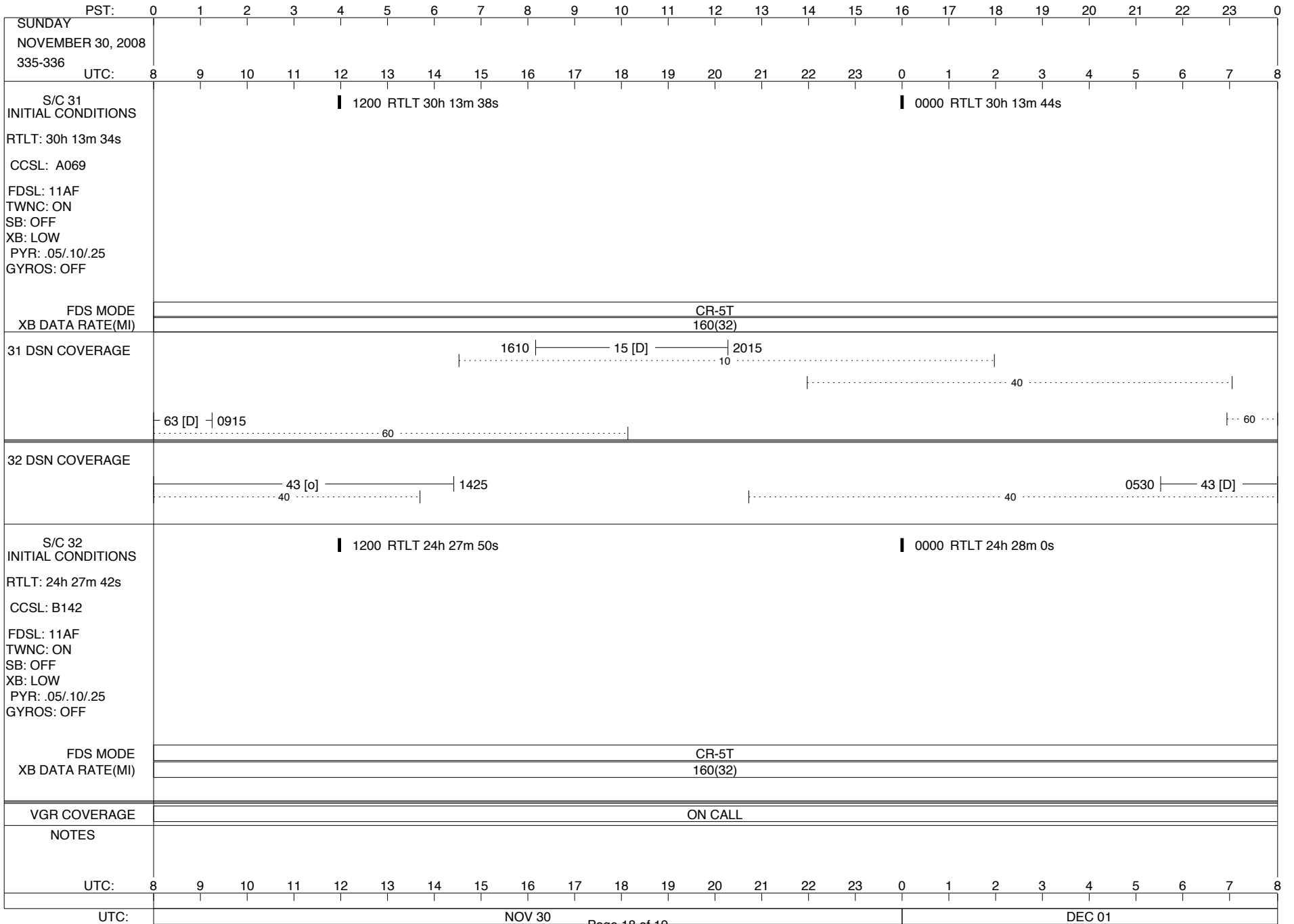
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FRIDAY NOVEMBER 28, 2008 333-334																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLTL: 30h 13m 10s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 30h 13m 16s												0000 RTLTL 30h 13m 22s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	0940 63 [D] 1255 60												2145 14 [D] 0220 40 0155 34 [D] 0405 0345 43 [D]													
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	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 @ 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	
UTC:	NOV 28													NOV 29												

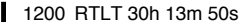
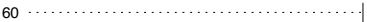
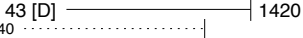

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PST:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
MONDAY DECEMBER 1, 2008 336-337																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 30h 13m 44s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<div style="text-align: center;">  <p>1200 RTLT 30h 13m 50s</p> </div>																								
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	<div style="text-align: center;">  <p>60</p> </div>																								
32 DSN COVERAGE	<div style="text-align: center;">  <p>43 [D] 1420</p> </div>																								
S/C 32 INITIAL CONDITIONS RTLT: 24h 28m 0s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<div style="text-align: center;">  <p>1200 RTLT 24h 28m 8s</p> </div>																								
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 01												DEC 02												