

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: October 30, 2008

For the Period: 10/30/08 to 11/17/08 (08-2304- 08-322)

**DSN OPSCHIEF (1) 230-102**

**SCIENCE**

**FLIGHT TEAM (15) 600-100**

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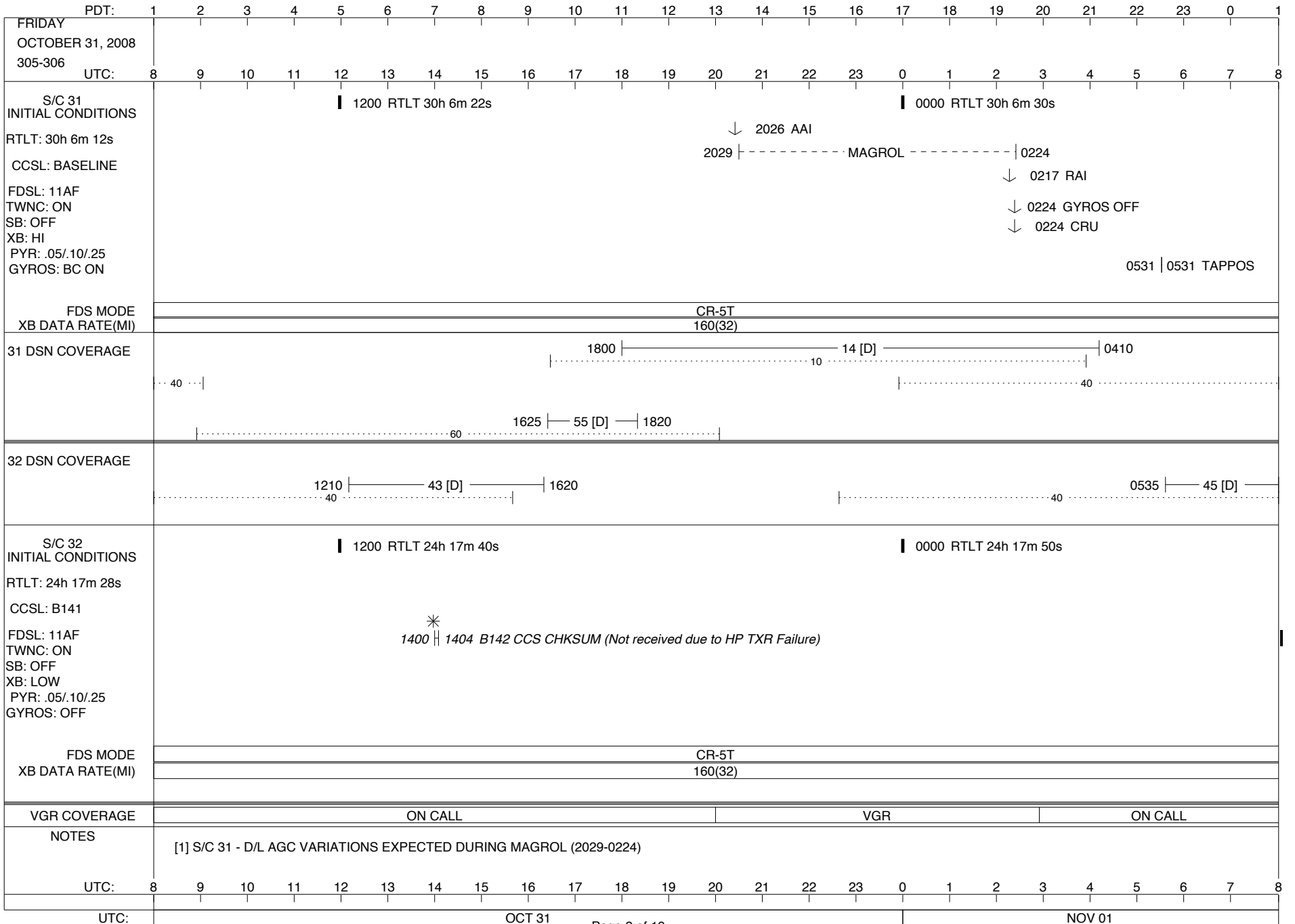
**LEGEND:**  
 ▽ = R/T Command (Last chance or Contingency)  
 ▼ = R/T Command (Scheduled)  
 \* = Result of R/T Command  
 n = (where n = 1,2,3 ..) Special Note, see bottom of page  
 A = Arrayed station  
 B = 7-Point BLF  
 D = Downlink only pass  
 H = High Power Transmitter  
 R = Array Reference 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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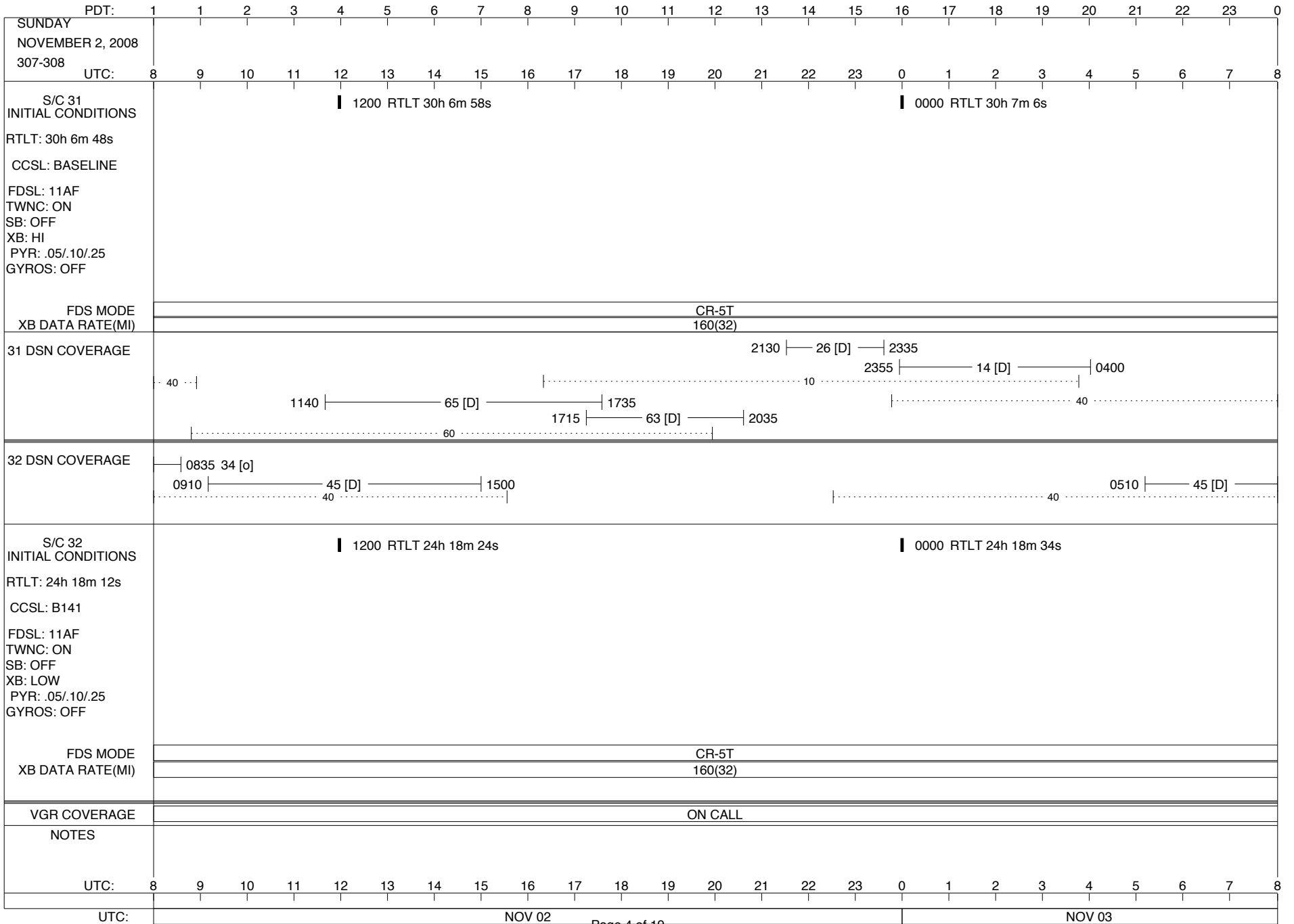
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THURSDAY OCTOBER 30, 2008 304-305																												
S/C 31 INITIAL CONDITIONS RTLT: 30h 5m 54s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 30h 6m 4s												0000 RTLT 30h 6m 12s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLT: 24h 17m 6s CCSL: B141 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 24h 17m 18s												0000 RTLT 24h 17m 28s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
VGR COVERAGE	ON CALL								VGR								ON CALL											
NOTES	<p style="text-align: center;">▼ 1333 CCSL B142 (Cancelled due to HP TXR Failure)</p> <p style="text-align: center;">▼ 1420 DUMMY (14:52)</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:	OCT 30														OCT 31													

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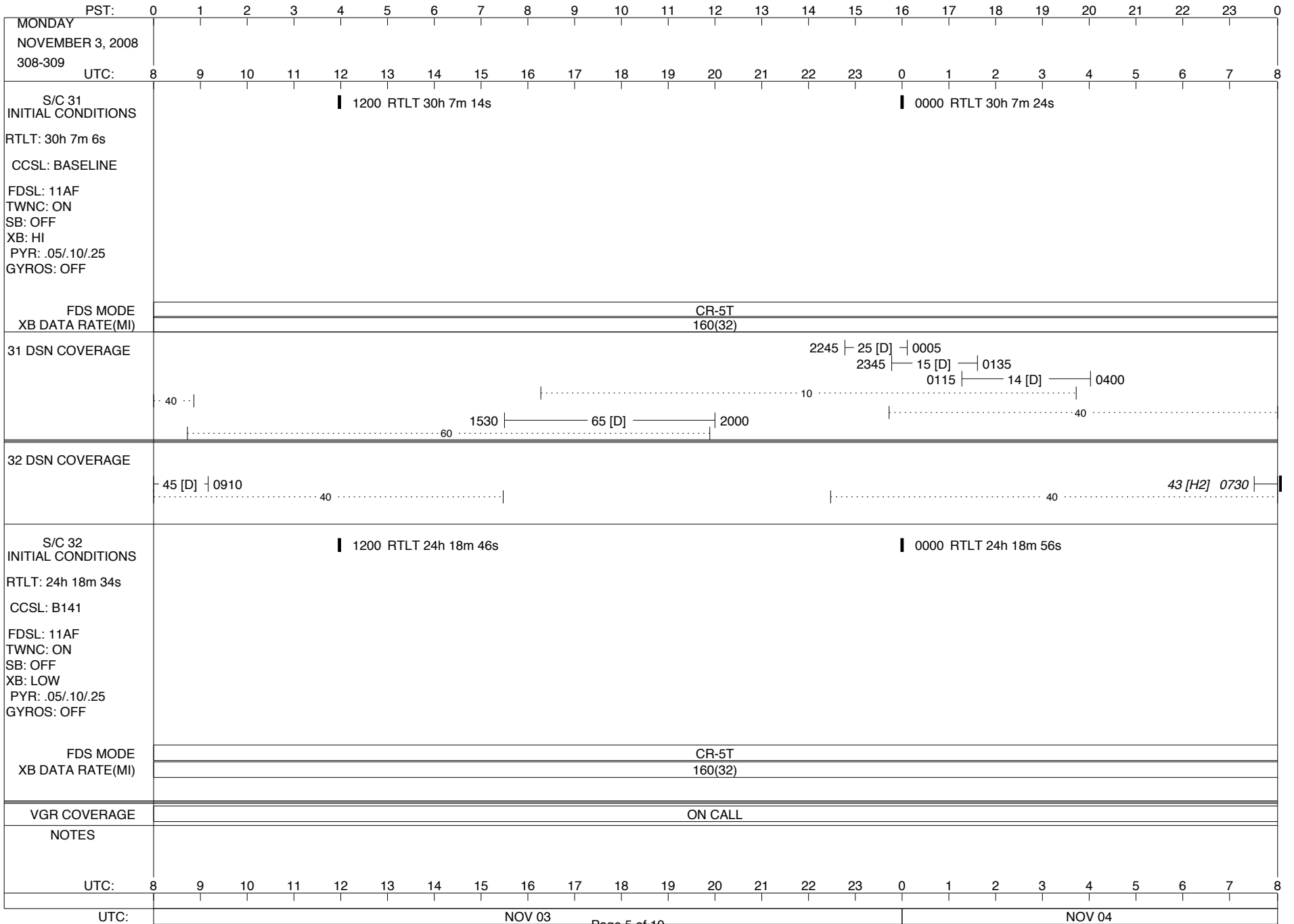


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SATURDAY NOVEMBER 1, 2008 306-307	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 30h 6m 30s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 6m 40s												0000 RTLT 30h 6m 48s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	1150  -----65 [D]-----  1705 .....40 .....  .....40 .....												2130  -----25 [D]-----  0330 .....10 .....  .....40 .....												
32 DSN COVERAGE	45 [D]  -----1500 .....40 .....  .....40 .....												0350  -----34 [o]-----												
S/C 32 INITIAL CONDITIONS RTLT: 24h 17m 50s CCSL: B141 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 18m 2s												0000 RTLT 24h 18m 12s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0833 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 01												NOV 02												

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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 4, 2008 309-310	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 7m 24s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 7m 32s												0000 RTLT 30h 7m 40s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0030  ----- 26 [D] -----  0320												0320  ----- 40 -----												
	1630  ----- 63 [D] -----  2030												2030  ----- 40 -----												
32 DSN COVERAGE	43 [H2]  ----- 40 -----  1325												1325  ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLT: 24h 18m 56s CCSL: B141 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 19m 8s												0000 RTLT 24h 19m 18s												
	▼ 1133 CCSL B142 (Cancelled due to HP TXR failure)																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL								VGR								ON CALL								
NOTES	[1] S/C 31=GS-4B @ 0210 XB=2.8K(41) NOT RECOVERABLE [2] B142 BACKUP UPLINK SUPPORT																								
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 04												NOV 05												

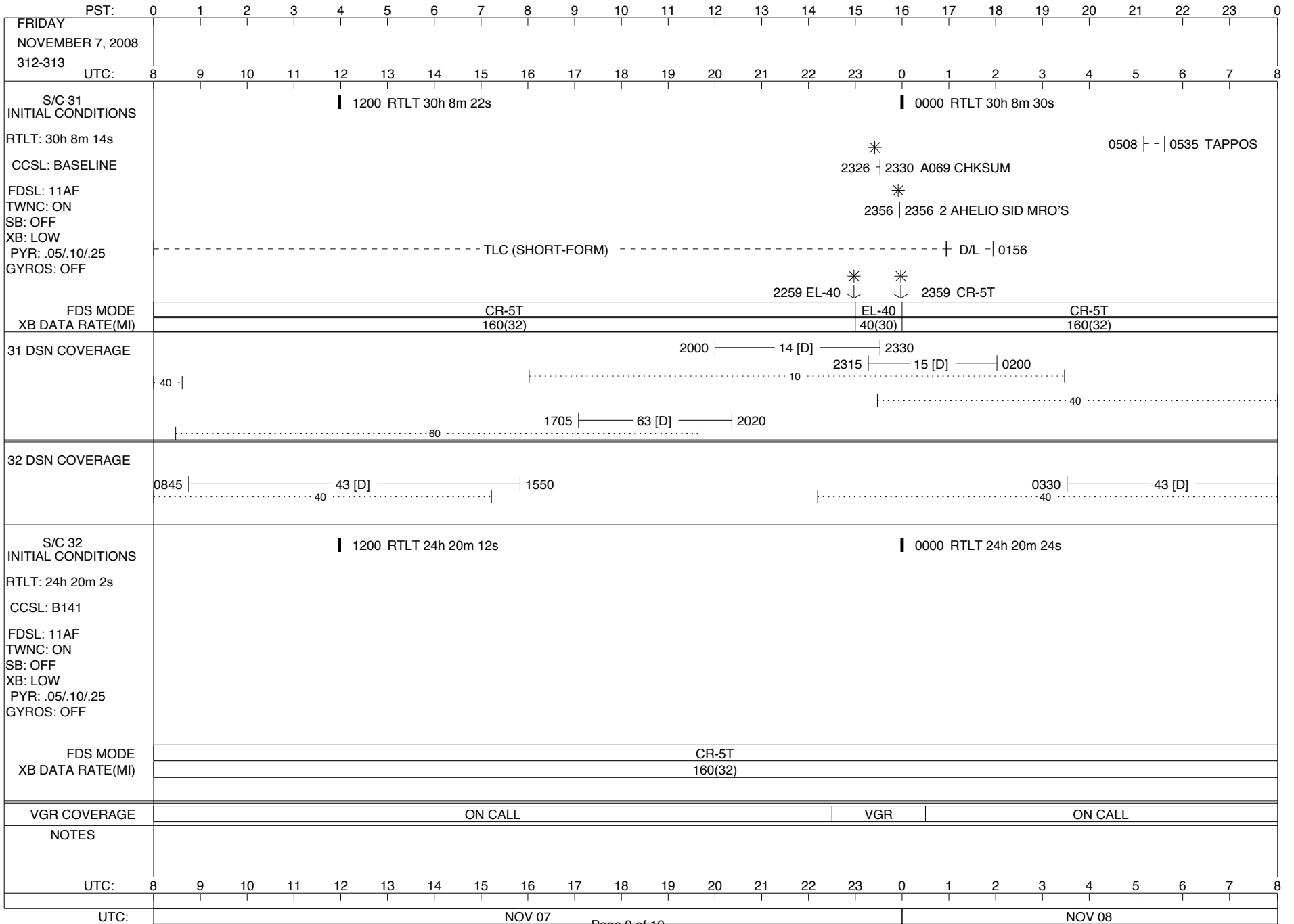
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PST: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0	
WEDNESDAY NOVEMBER 5, 2008 310-311	
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8	
S/C 31 INITIAL CONDITIONS RTLT: 30h 7m 40s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 7m 48s 0000 RTLT 30h 7m 56s ↓ 0259 X/B LOW POWER ↓ 0303 BAY 1 HTR ON
FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)
31 DSN COVERAGE	0055   15 [D]   0235 0215   14 [D]   0345 1530   63 [D]   2025 0940   43 [D]   1605
32 DSN COVERAGE	1200 RTLT 24h 19m 30s 0000 RTLT 24h 19m 40s * 1201   1206 B142 CCS CHKSUM (Not received due to HP TXR failure)
FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)
VGR COVERAGE	ON CALL VGR 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 05 Page 7 of 19 NOV 06	

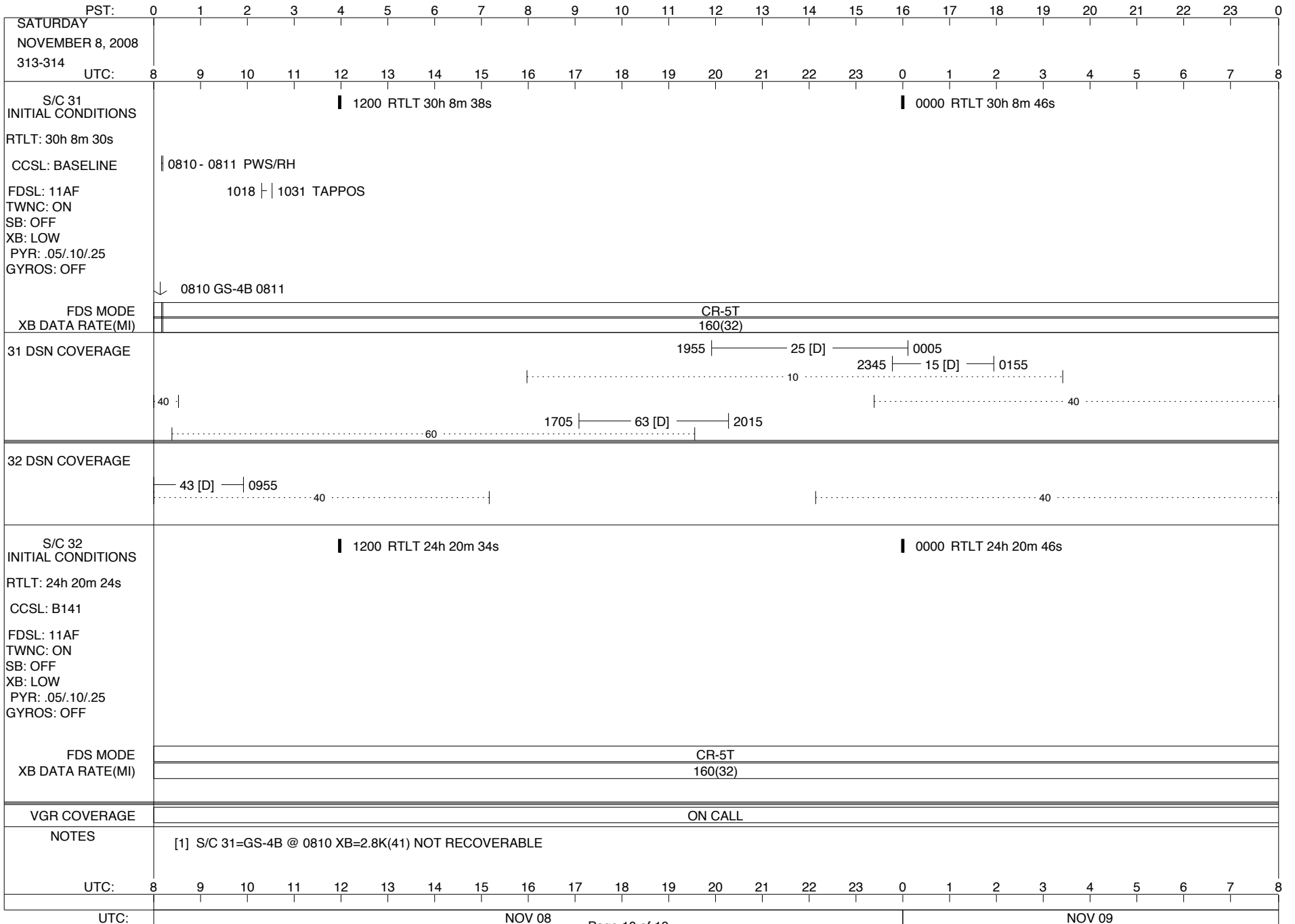




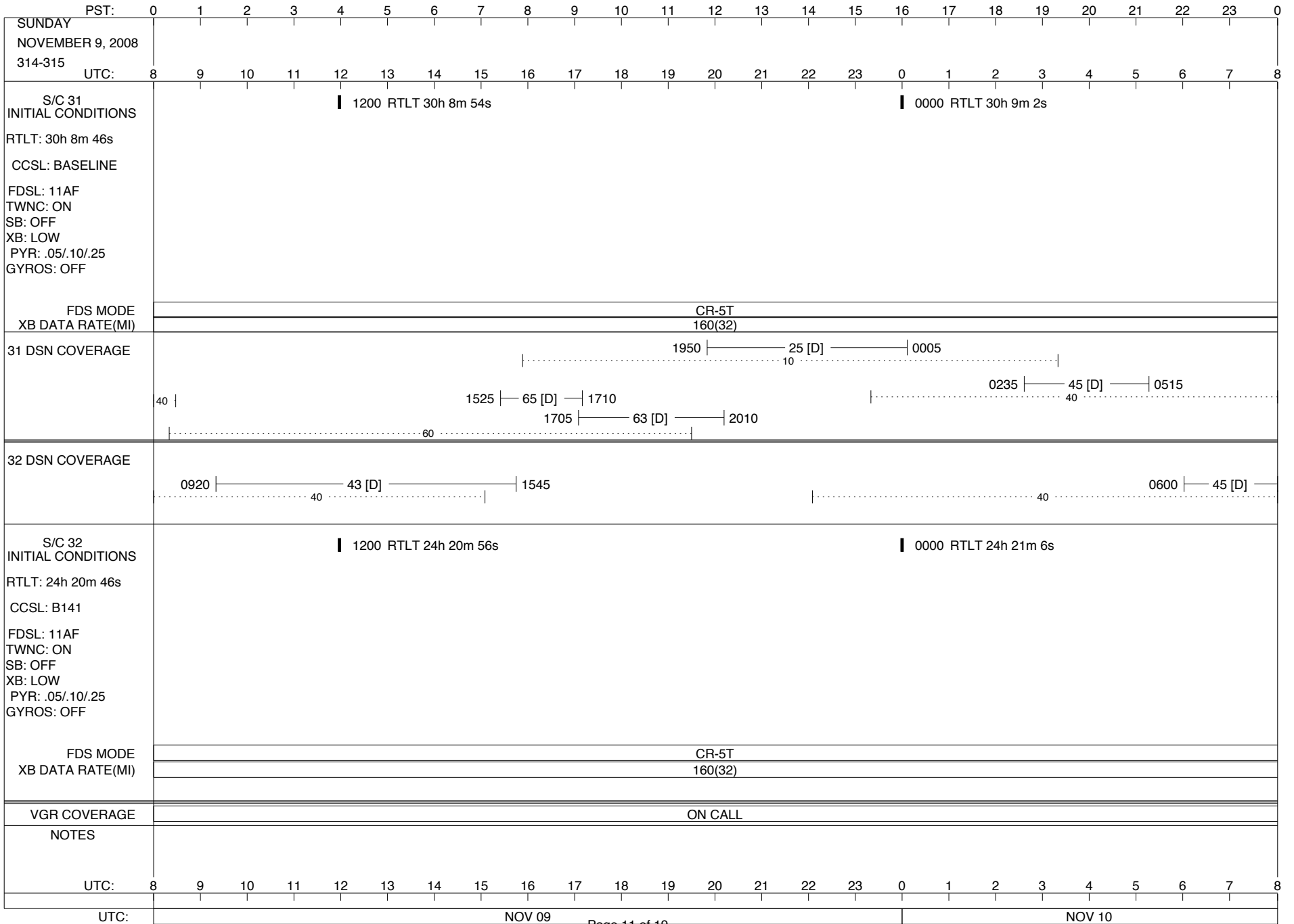
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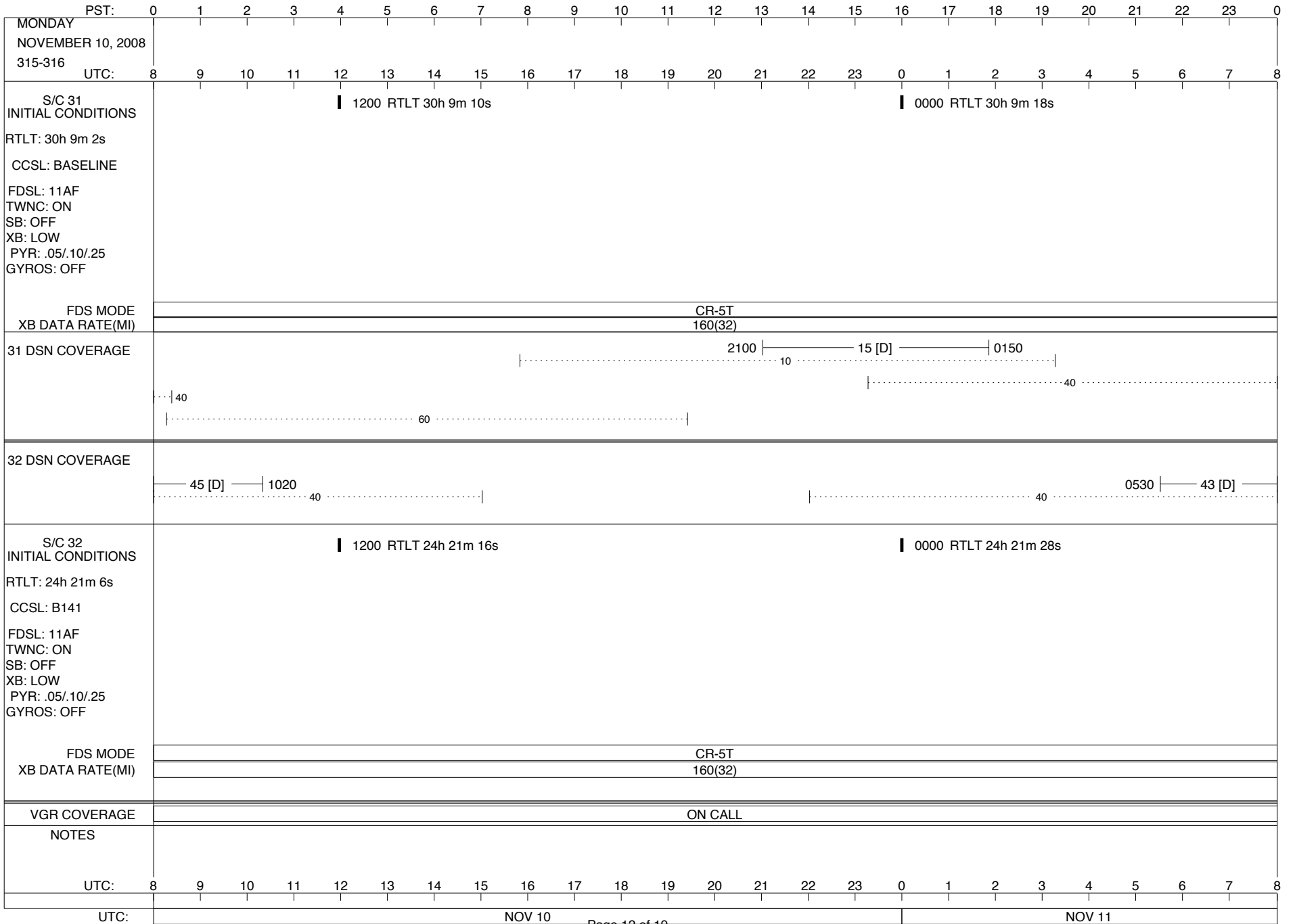
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UTC: NOV 09

NOV 10

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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 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	1200 RTLT 30h 9m 26s												0000 RTLT 30h 9m 34s													
RTLT: 30h 9m 18s																										
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)													
31 DSN COVERAGE	<p>2100  ----- 15 [D] -----  0145</p> <p>.....  10 .....  40</p> <p>.....  60 .....  1530  ----- 65 [D] -----  1745</p>																									
32 DSN COVERAGE	<p>.....  40 .....  43 [D] -----  1540</p> <p>.....  40 .....  0545  ----- 34 [D] ----- </p>																									
S/C 32 INITIAL CONDITIONS	1200 RTLT 24h 21m 38s												0000 RTLT 24h 21m 48s													
RTLT: 24h 21m 28s																										
CCSL: B141																										
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 @ 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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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																													
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																													
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/.10/.25																													
GYROS: OFF																													
FDS MODE																													
XB DATA RATE(MI)																													
31 DSN COVERAGE		<div style="text-align: center;"> <p>1715  ----- 15 [D1] -----  2230</p> <p>..... ----- 10 ----- </p> <p>..... ----- 40 ----- </p> <p>..... ----- 60 ----- </p> </div>																											
32 DSN COVERAGE		<div style="text-align: center;"> <p>34 [D]  ----- 0950</p> <p>0930  ----- 43 [B] -----  1345</p> <p>..... ----- 40 ----- </p> </div>																											
S/C 32 INITIAL CONDITIONS		█ 1200 RTLT 24h 22m 0s														█ 0000 RTLT 24h 22m 10s													
RTLT: 24h 21m 48s																													
CCSL: B141																													
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/.10/.25																													
GYROS: OFF																													
FDS MODE																													
XB DATA RATE(MI)																													
VGR COVERAGE		ON CALL							VGR							ON CALL													
NOTES		[1] REAL-TIME DATA TO TDS ONLY (NOT MSA) DUE TO CENTRAL COMMUNICATIONS TERMINAL (CCT) SERIAL LINE MATRIX SWITCH MAINTENANCE																											
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													





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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
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	1200 RTLT 30h 10m 12s												0000 RTLT 30h 10m 18s												
RTLT: 30h 10m 4s																									
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																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS	1200 RTLT 24h 22m 40s												0000 RTLT 24h 22m 50s												
RTLT: 24h 22m 30s																									
CCSL: B141																									
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	[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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