

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: November 10, 2010

For the Period: 11/11/2010 to 11/29/2010 (10-315 – 10-333)

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- Ludwig, R. (2)
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- Medina, E.
- Peralta, F.
- Weeks, T.
- Wong, R.
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OTHER

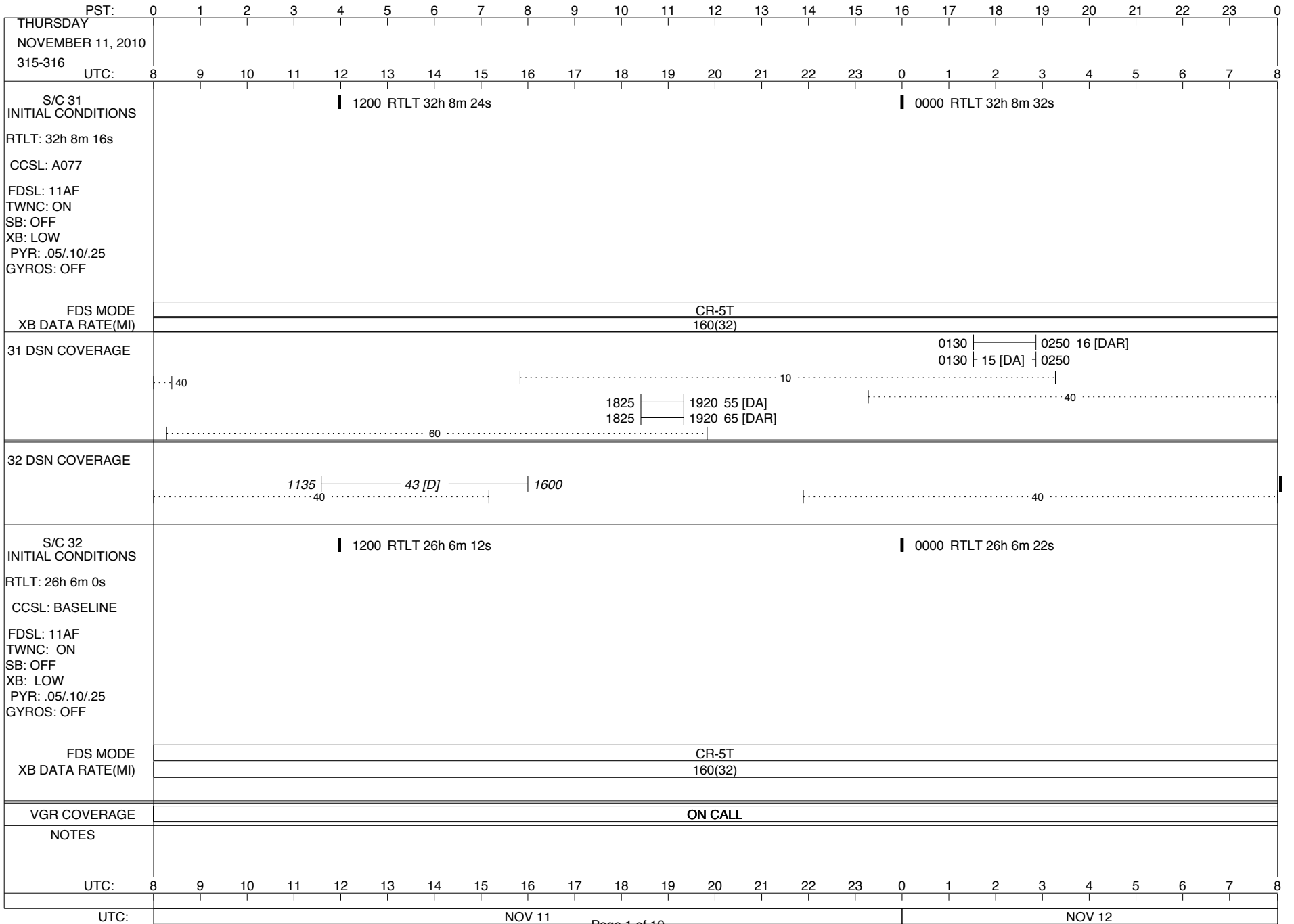
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LEGEND:

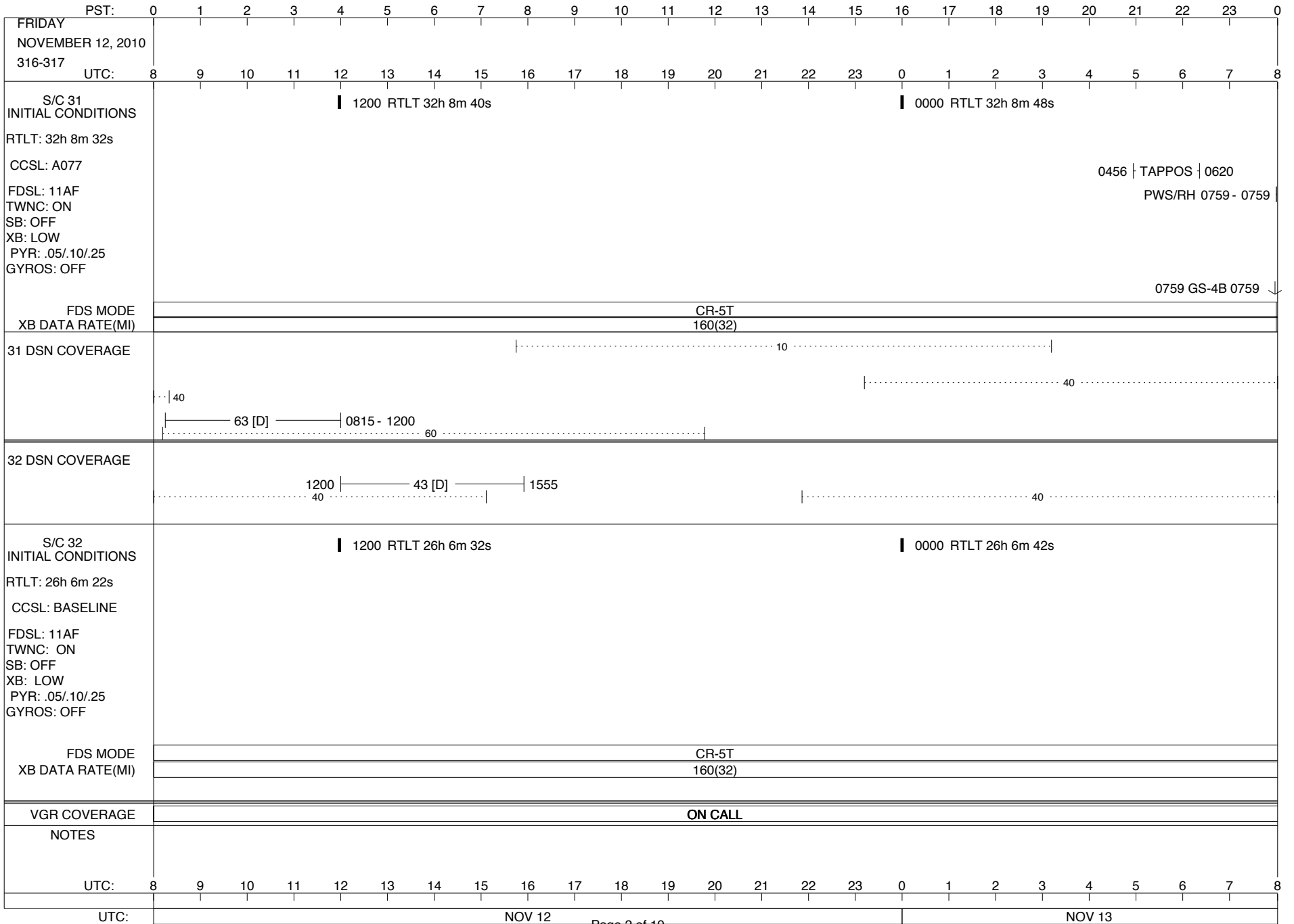
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = 7-Point BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink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

*Electronic Copy Only
(16 – Dist/N: Paper Copies)
09/08/10

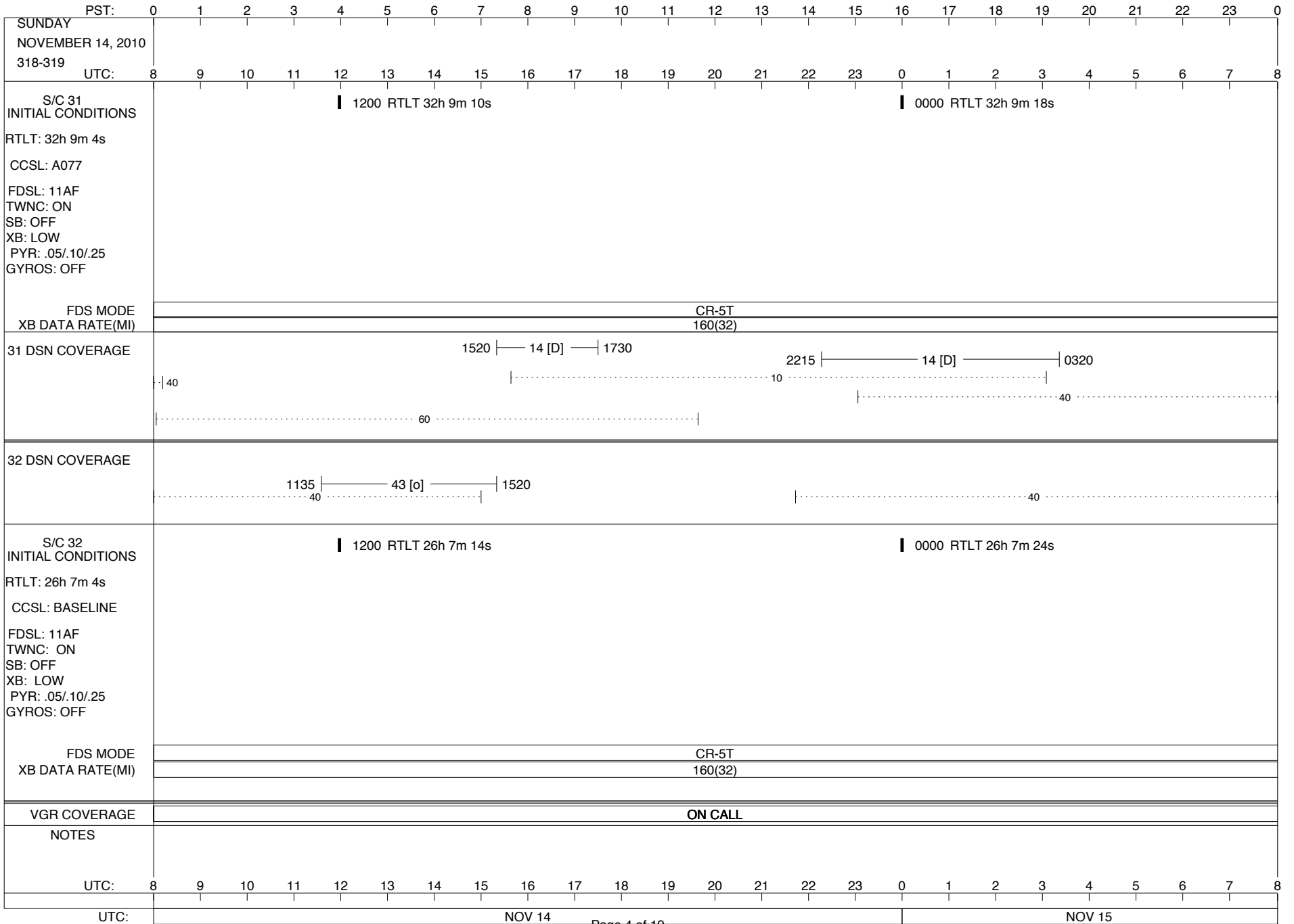
ISSUE DATE: 11/12/10 18:51



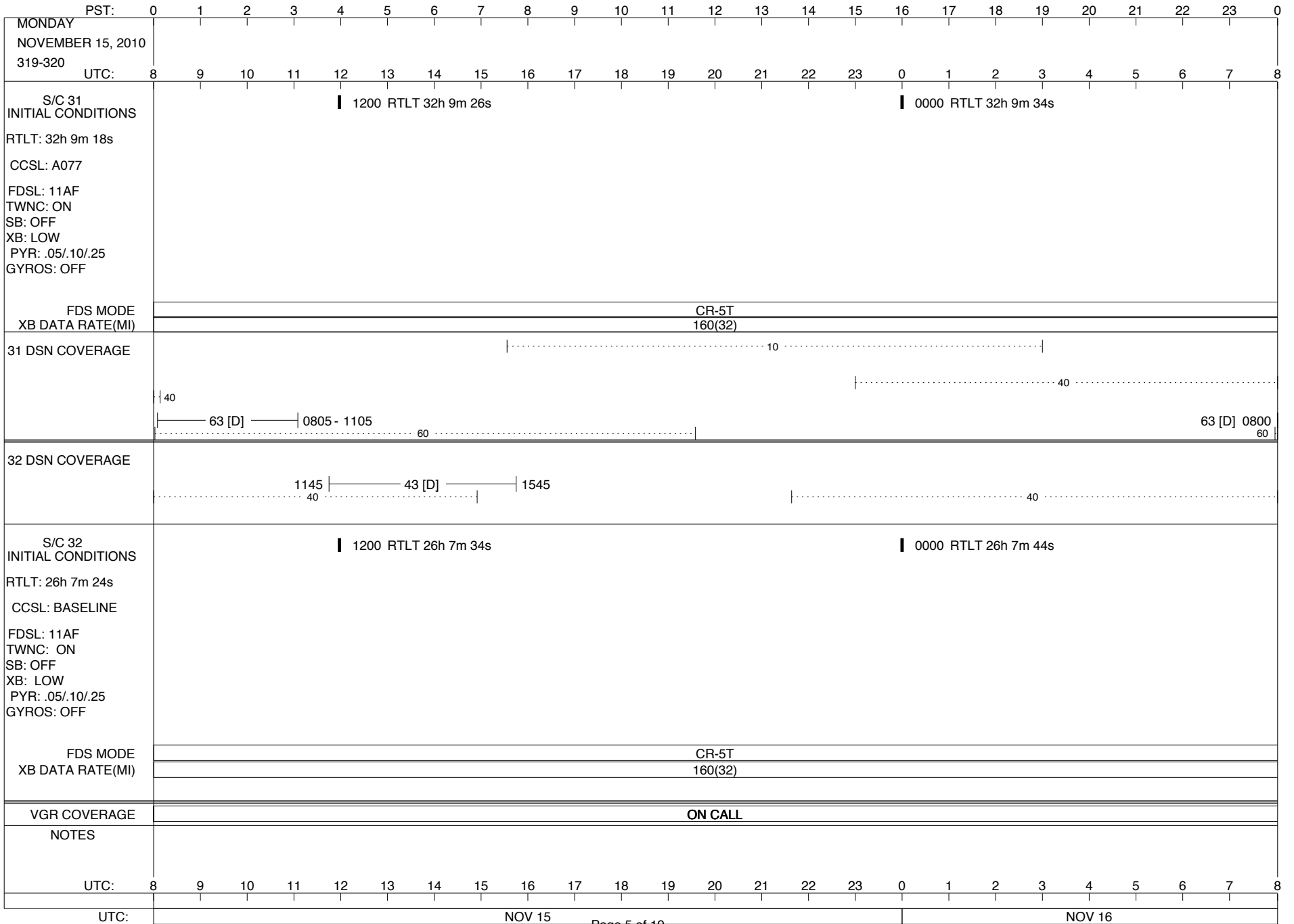
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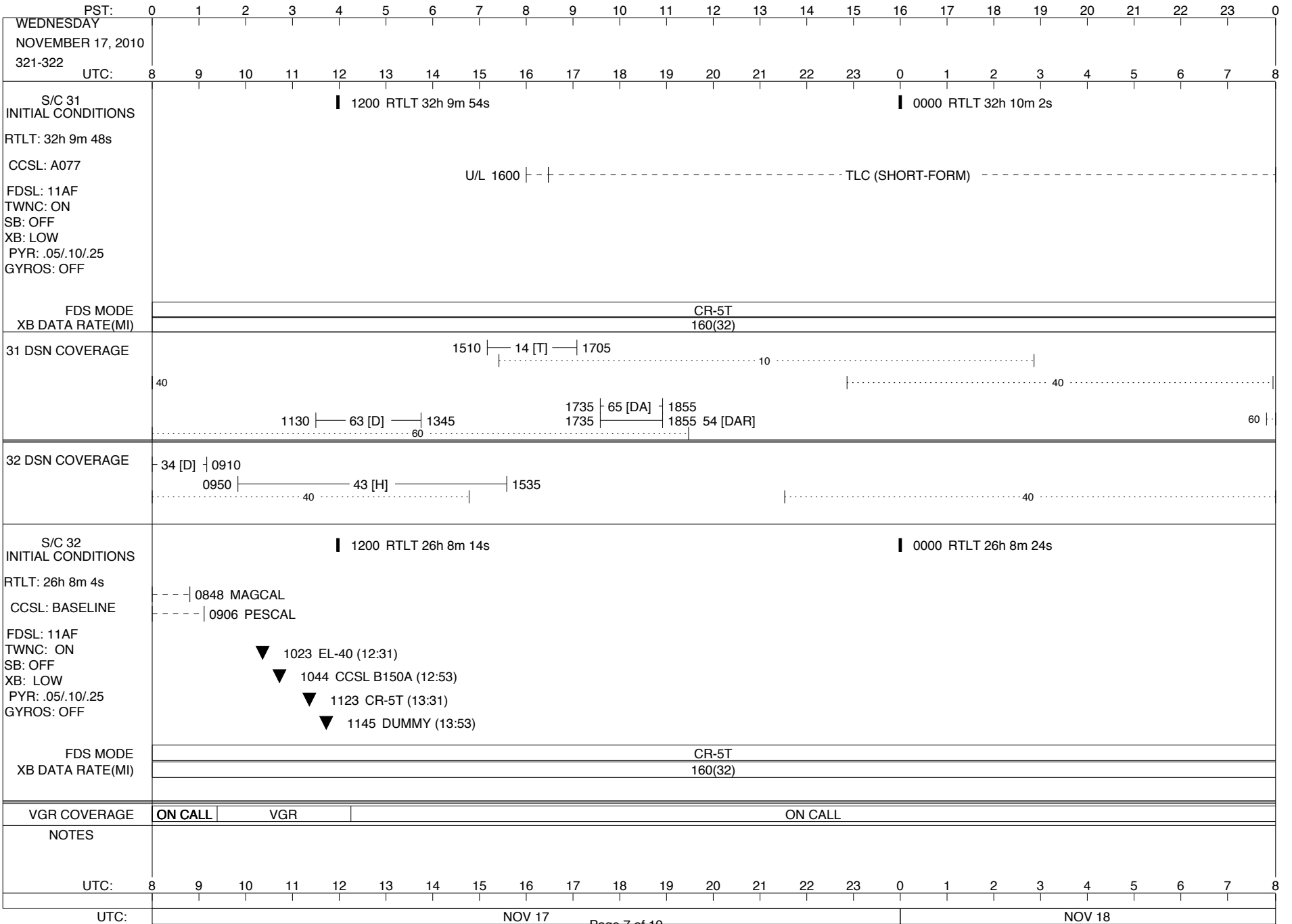
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TUESDAY NOVEMBER 16, 2010 320-321																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS RTLT: 32h 9m 34s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 32h 9m 40s														█ 0000 RTLT 32h 9m 48s													
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLT: 26h 7m 44s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 26h 7m 54s														█ 0000 RTLT 26h 8m 4s													
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 @ 0135 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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ISSUE DATE: 11/12/10 18:51



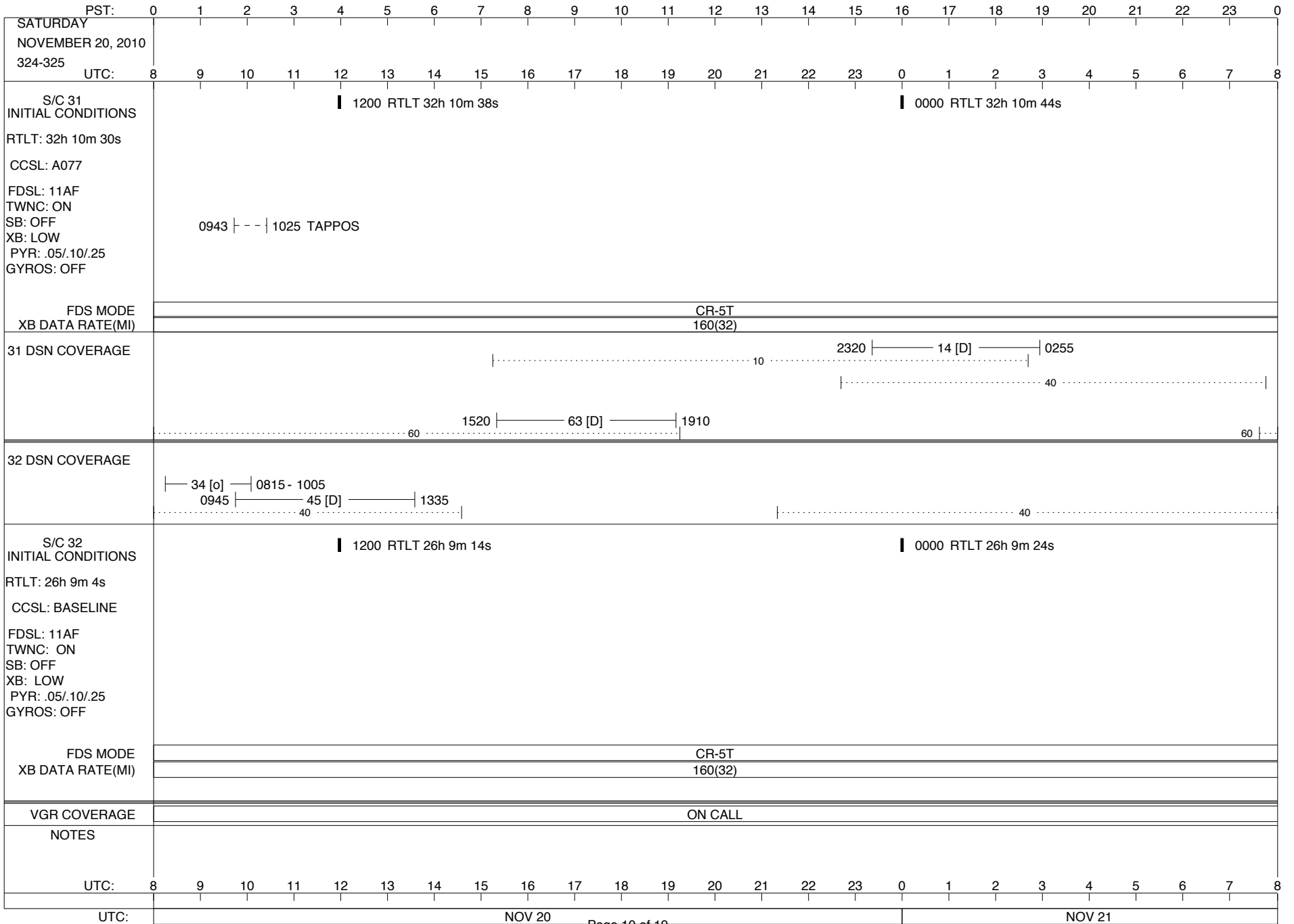
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THURSDAY NOVEMBER 18, 2010 322-323							
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8							
S/C 31 INITIAL CONDITIONS RTLTL: 32h 10m 2s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p>1200 RTLTL 32h 10m 10s</p> <p>0000 RTLTL 32h 10m 16s</p> <p>TLC (SHORT-FORM) ----- D/L - 0138</p> <p>▼ 1800 DUMMY (02:10)</p>						
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)						
31 DSN COVERAGE	<p>2030 ----- 14 [D] ----- 0240</p> <p>1645 ----- 63 ----- 1920</p> <p>60 ----- 60 ----- </p>						
32 DSN COVERAGE	<p>1130 ----- 43 [D] ----- 1530</p> <p>40 ----- 40 ----- </p>						
S/C 32 INITIAL CONDITIONS RTLTL: 26h 8m 24s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p>1200 RTLTL 26h 8m 34s</p> <p>0000 RTLTL 26h 8m 44s</p> <p>1259 1304 B150A CHKSUM</p> <p>EL-40 1232* ↓ * ↓ 1332 CR-5T</p>						
FDS MODE XB DATA RATE(MI)	<table border="1"> <tr> <td>CR-5T</td> <td>EL-40</td> <td>CR-5T</td> </tr> <tr> <td>160(32)</td> <td>40(30)</td> <td>160(32)</td> </tr> </table>	CR-5T	EL-40	CR-5T	160(32)	40(30)	160(32)
CR-5T	EL-40	CR-5T					
160(32)	40(30)	160(32)					
VGR COVERAGE	ON CALL						
NOTES	<p>[1] S/C 32=EL-40 XB=40(30) @ 1232</p> <p>[2] S/C 32=CR-5T XB=160(32) @ 1332</p>						
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UTC: NOV 18 NOV 19							

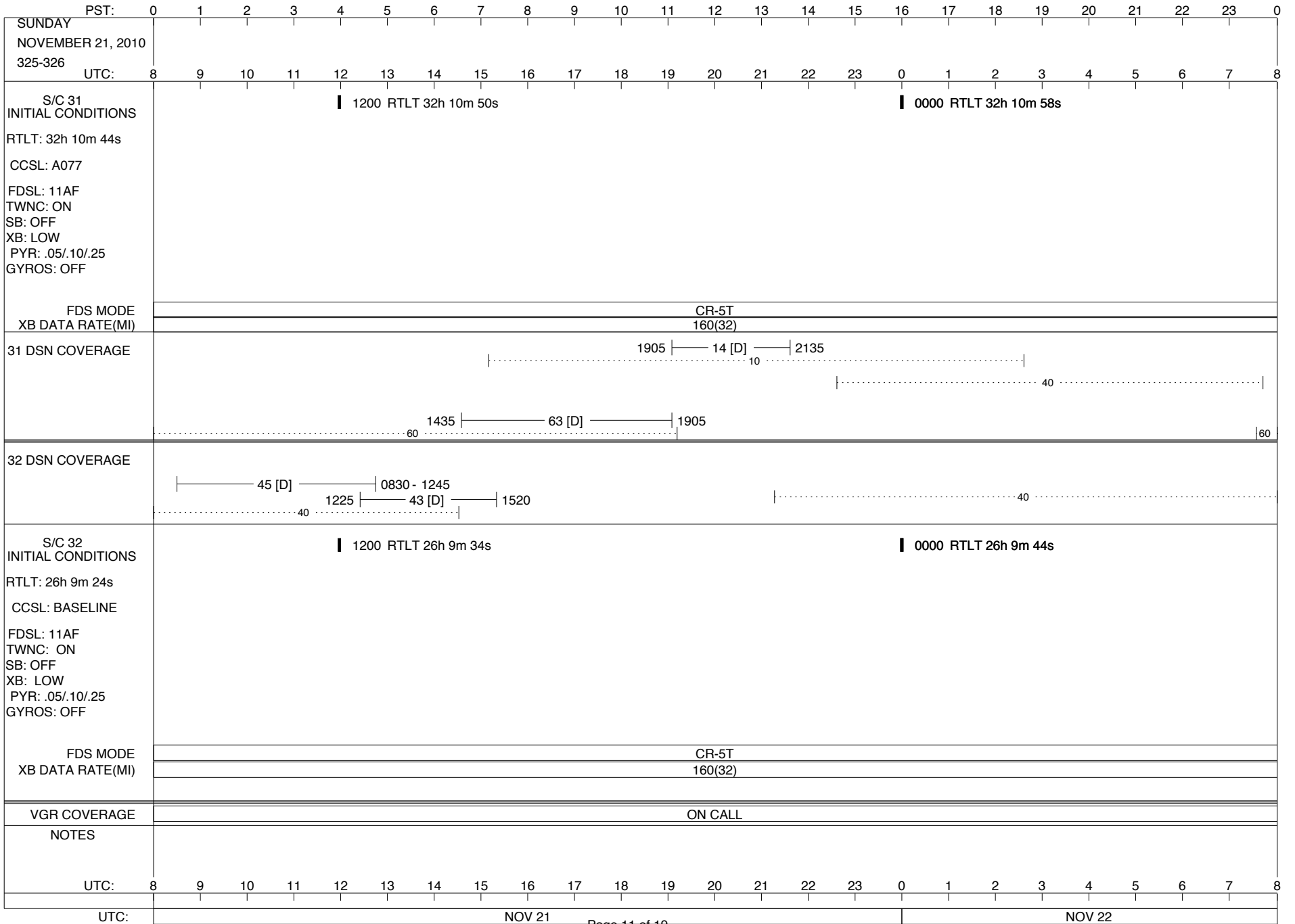
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FRIDAY NOVEMBER 19, 2010 323-324																													
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S/C 31 INITIAL CONDITIONS		1200 RTLT 32h 10m 24s												0000 RTLT 32h 10m 30s															
RTLT: 32h 10m 16s																													
CCSL: A077																													
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 26h 8m 54s												0000 RTLT 26h 9m 4s															
RTLT: 26h 8m 44s																													
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																											
NOTES		[1] S/C 31=GS-4B @ 0735 XB=2.8K(41) NOT RECOVERABLE																											
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UTC:		NOV 19												NOV 20															

ISSUE DATE: 11/12/10 18:51



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ISSUE DATE: 11/12/10 18:51

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 NOVEMBER 22, 2010 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 RTLTL: 32h 10m 58s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLTL 32h 11m 4s												█ 0000 RTLTL 32h 11m 10s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	1450 ----- 14 [D] ----- 1745 ----- 10 ----- ----- 40 -----												1335 63 [D] 1450 60 ----- 60 ----- 60												
32 DSN COVERAGE	0930 ----- 43 [D] ----- 1515 40 ----- 40 ----- 40																								
S/C 32 INITIAL CONDITIONS RTLTL: 26h 9m 44s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLTL 26h 9m 54s												█ 0000 RTLTL 26h 10m 4s												
FDS MODE XB DATA RATE(MI)													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:	NOV 22												NOV 23												

ISSUE DATE: 11/12/10 18:51

TUESDAY NOVEMBER 23, 2010 327-328		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																							
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: 32h 11m 10s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF		1200 RTLT 32h 11m 16s												0000 RTLT 32h 11m 24s											
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)												CR-5T 160(32)											
31 DSN COVERAGE		<p>0030 14 [D] 0245</p> <p>1535 63 [T] 1900</p>																							
32 DSN COVERAGE		<p>1005 43 [D] 1510</p>																							
S/C 32 INITIAL CONDITIONS RTLT: 26h 10m 4s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF		1200 RTLT 26h 10m 14s												0000 RTLT 26h 10m 22s											
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																							
VGR COVERAGE		ON CALL												VGR ON CALL											
NOTES		[1] S/C 31=GS-4B @ 0112 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 23												NOV 24											

ISSUE DATE: 11/12/10 18:51

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 24, 2010 328-329																										
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S/C 31 INITIAL CONDITIONS RTLT: 32h 11m 24s CCSL: A077 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: 26h 10m 22s CCSL: BASELINE 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	
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ISSUE DATE: 11/12/10 18:51

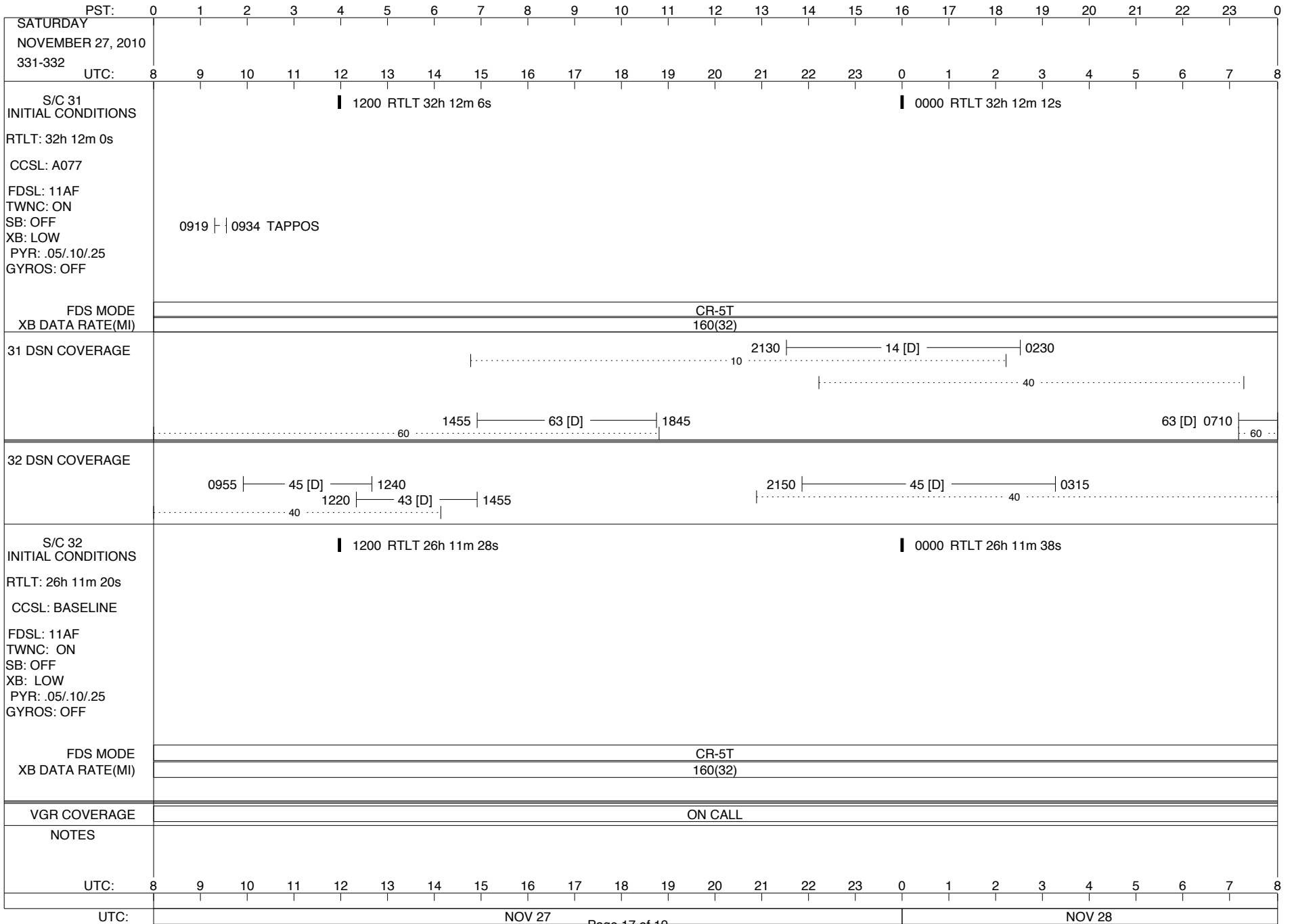
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THURSDAY NOVEMBER 25, 2010 329-330																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 32h 11m 36s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█																				
FDS MODE																									
XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 26h 10m 42s CCSL: BASELINE 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:																									

JPL HOLIDAY!

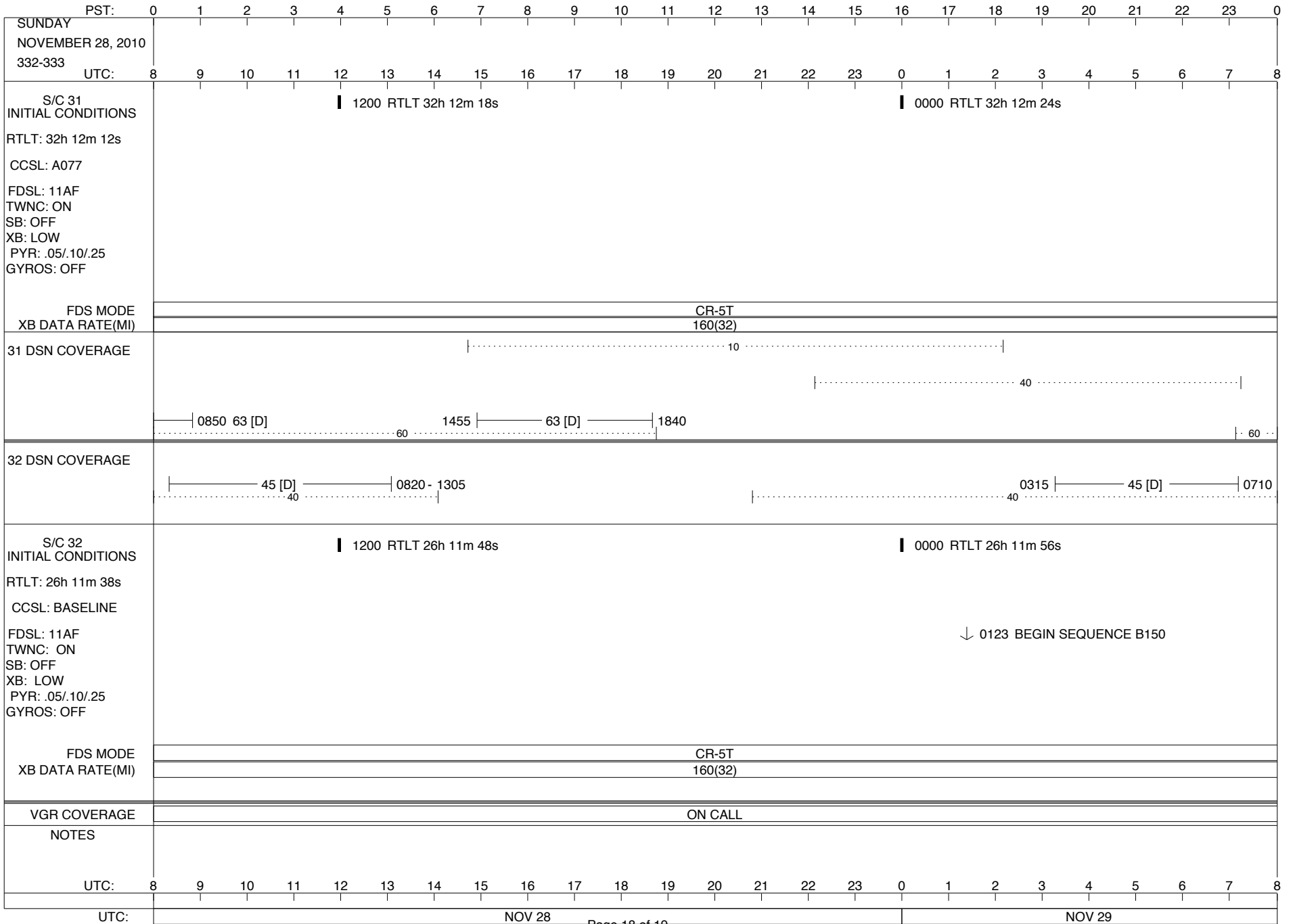
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FRIDAY NOVEMBER 26, 2010 330-331																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLTL: 32h 11m 48s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 32h 11m 54s												0000 RTLTL 32h 12m 0s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	1430 ----- 63 [D] ----- 1845												0410 ----- 0438 TAPPOS PWS/RH 0712 - 0713													
32 DSN COVERAGE	0945 ----- 43 [D] ----- 1345												0712 GS-4B 0713 ↓													
S/C 32 INITIAL CONDITIONS RTLTL: 26h 11m 0s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 26h 11m 10s												0000 RTLTL 26h 11m 20s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
VGR COVERAGE													ON CALL													
NOTES	[1] S/C 31=GS-4B @ 0712 XB=2.8K(41) NOT RECOVERABLE JPL HOLIDAY!																									
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UTC:	NOV 26												NOV 27													

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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 NOVEMBER 29, 2010 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 RTLT: 32h 12m 24s CCSL: A077 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 32h 12m 30s																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p style="text-align: center;">1345 ----- 63 [D] ----- 1835 60</p>																										
32 DSN COVERAGE	<p style="text-align: center;">1015 ----- 43 ----- 1445 40</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 26h 11m 56s CCSL: B150 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 26h 12m 6s																										
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 29													NOV 30													