

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: November 6, 2013

For the Period: 11/07/13 to 11/25/20 (13-311 – 13-329)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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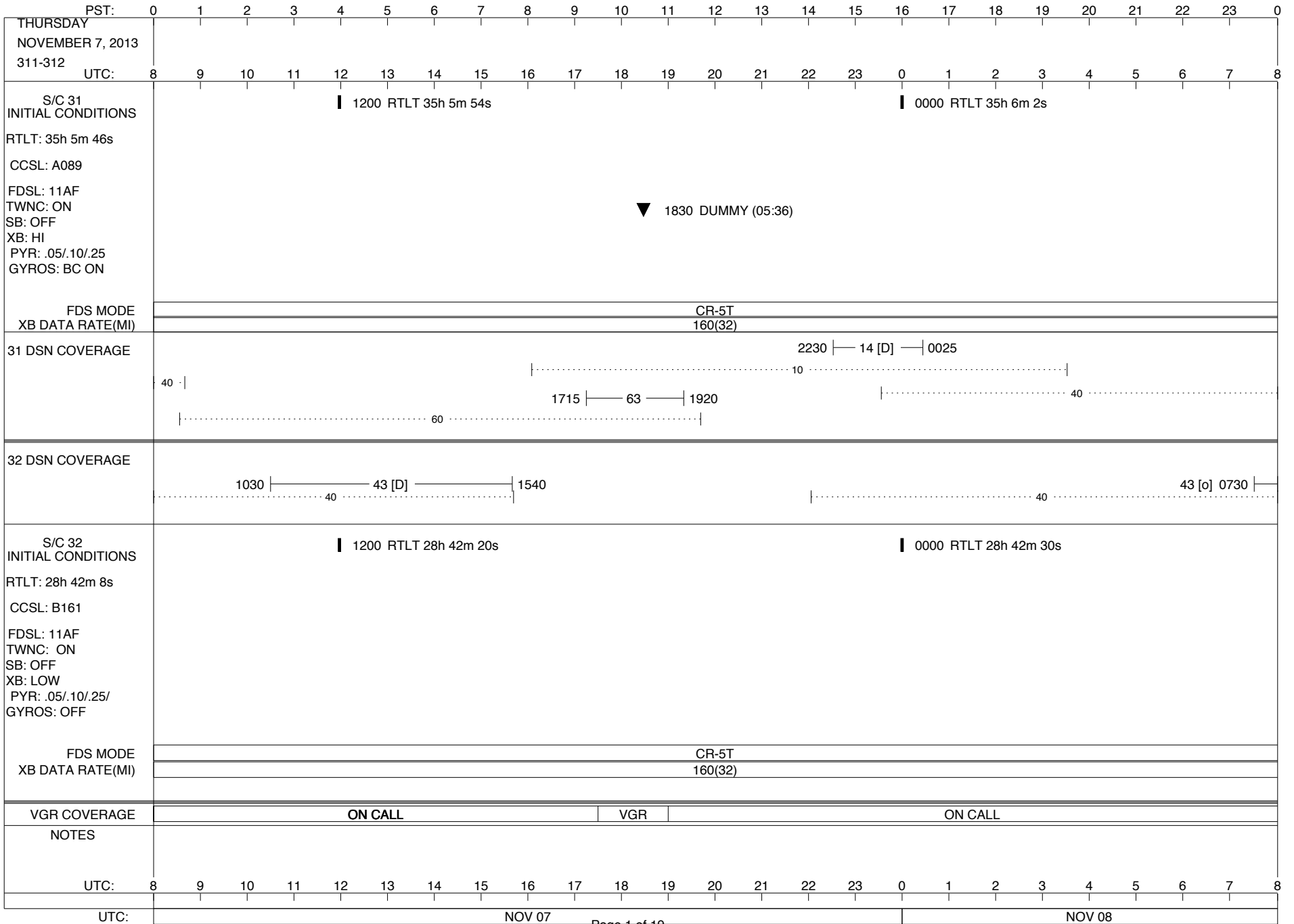
FLIGHT TEAM (14) 600-100

Dodd, S.
 Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina
 Peralta, F.
 Weeks, T.
 Wong, R.
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 Zottarelli, L.
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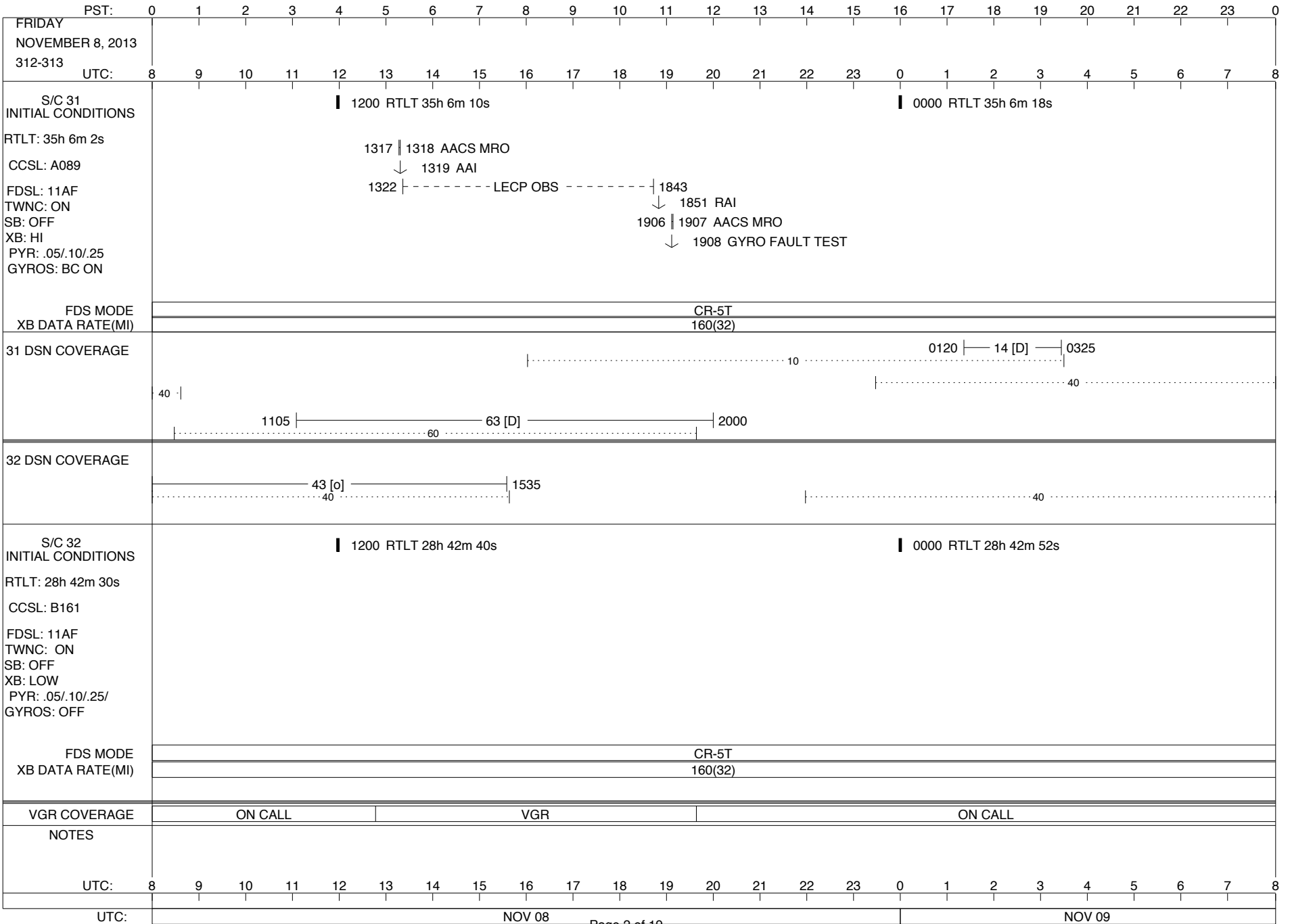
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

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

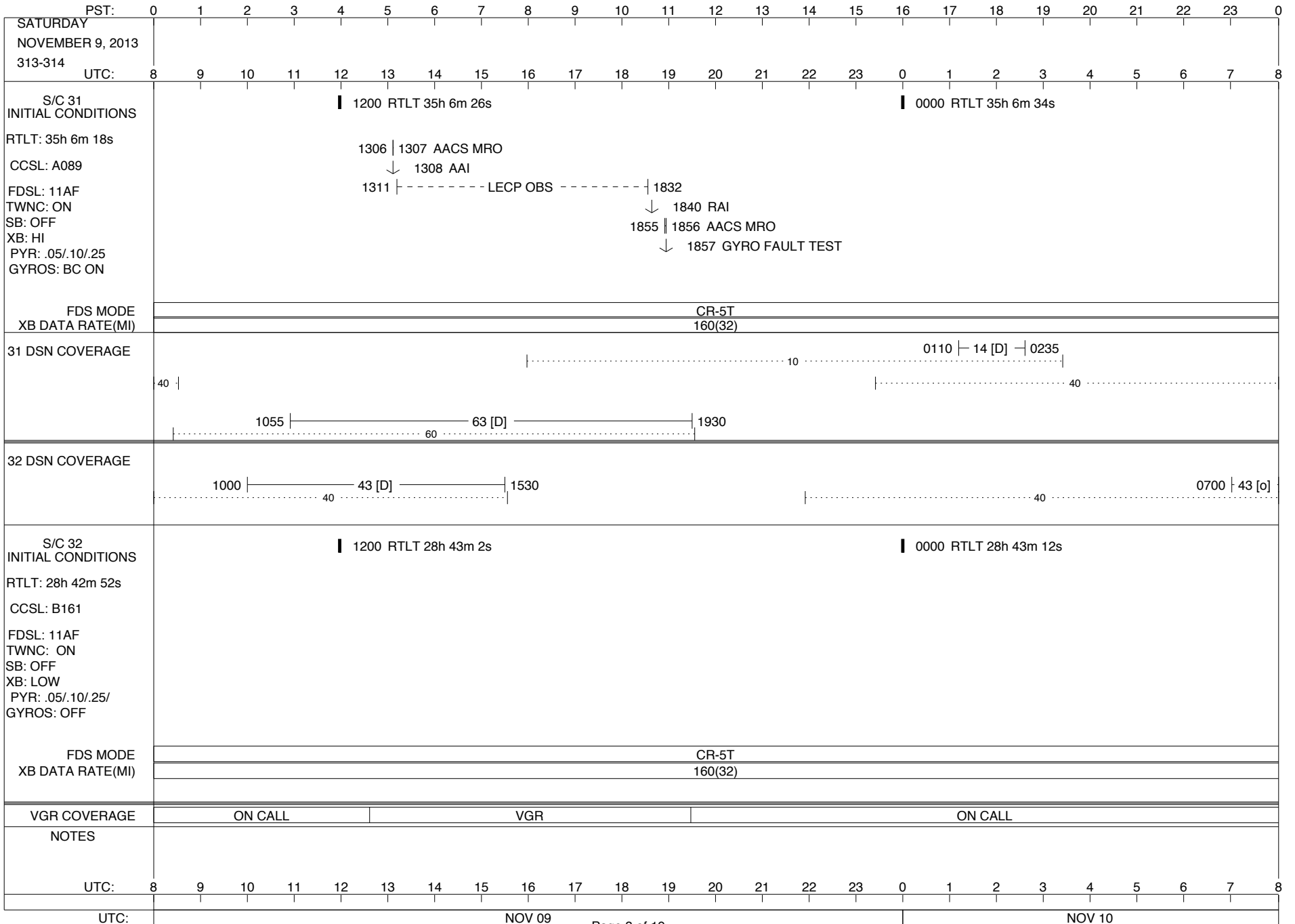
ISSUE DATE: 11/07/13 15:21



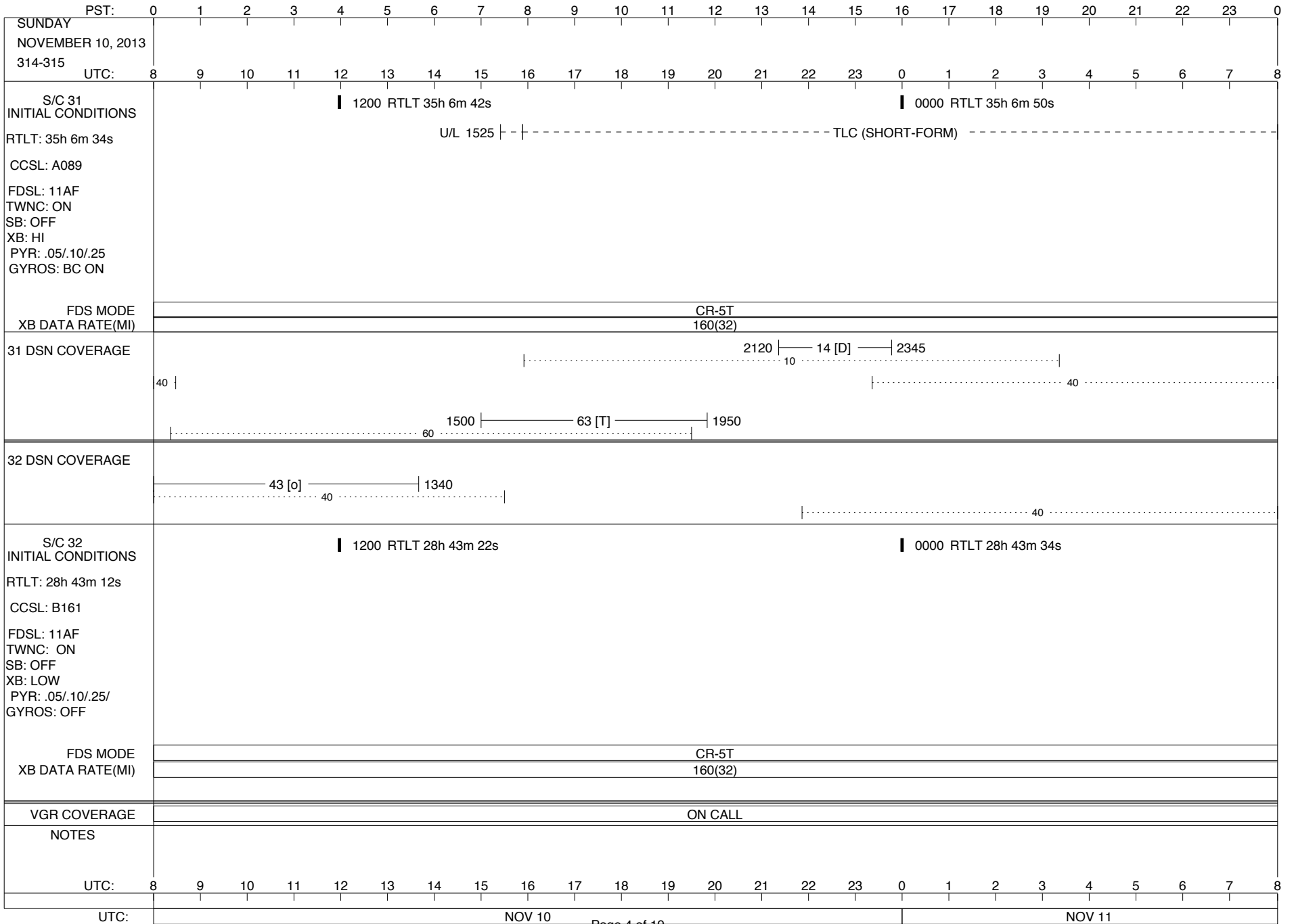
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MONDAY NOVEMBER 11, 2013 315-316	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLTL: 35h 6m 50s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 35h 6m 58s												0000 RTLT 35h 7m 6s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	1930 ----- 14 [D] ----- 0310												1550 ----- 63 [D] ----- 1950												
32 DSN COVERAGE	0945 ----- 45 [D] ----- 1205												1145 ----- 43 [D] ----- 1525												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 43m 34s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 43m 44s												0000 RTLT 28h 43m 54s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	ON CALL						VGR						ON CALL						VGR						
NOTES	DUMMY (11:39) 0655▼ EL-40 (11:46) 0702▼ CCSL B162 (12:07) 0723▼																								
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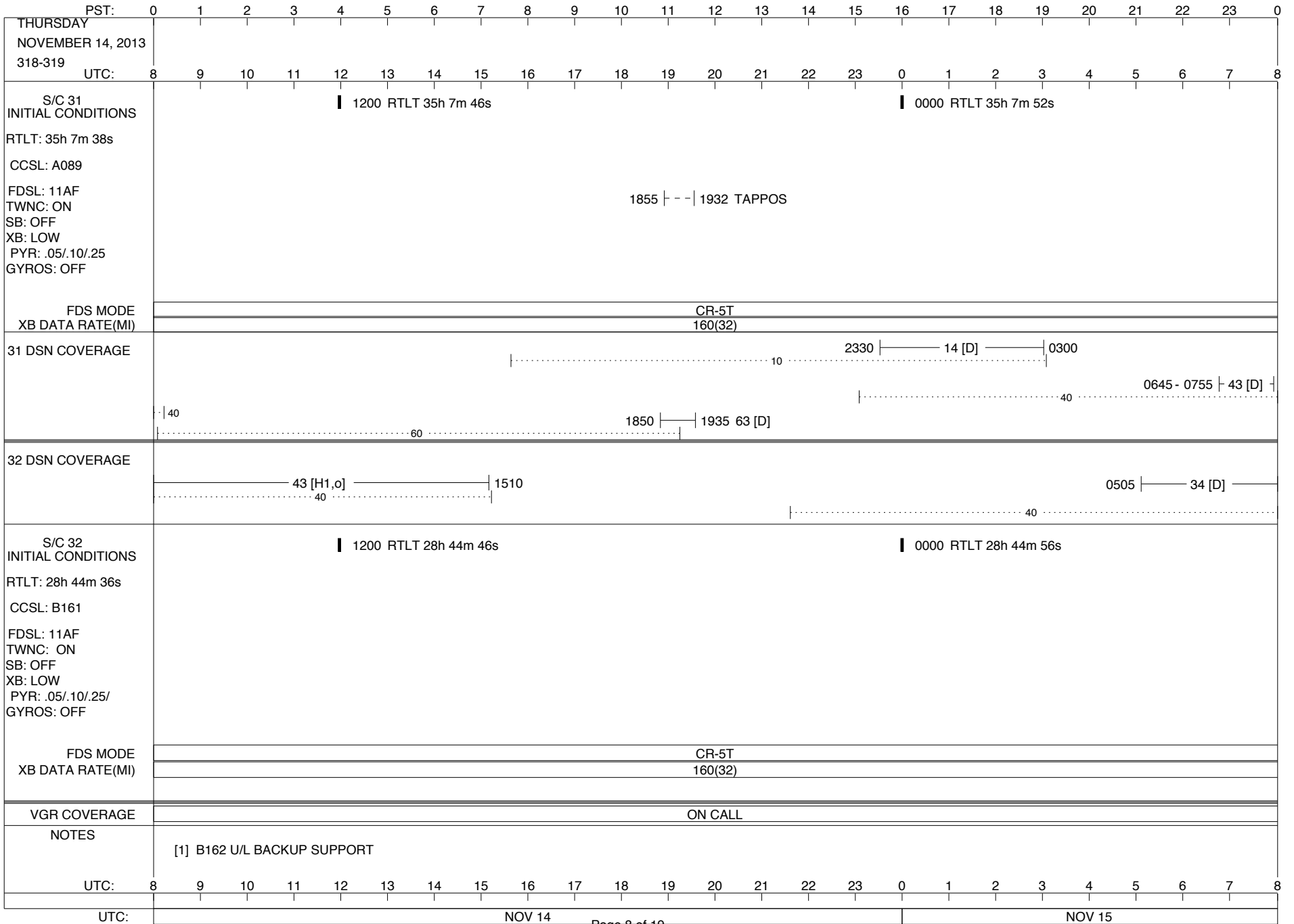
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TUESDAY NOVEMBER 12, 2013 316-317																										
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S/C 31 INITIAL CONDITIONS	1200 RTLT 35h 7m 14s												0000 RTLT 35h 7m 22s													
RTLT: 35h 7m 6s																										
CCSL: A089																										
FDSL: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: HI																										
PYR: .05/.10/.25																										
GYROS: OFF																										
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>0000 25 [DAR] 0205</p> <p>0000 26 [DA] 0205</p> </div> <div style="width: 20%; text-align: center;"> <p>10</p> </div> <div style="width: 40%;"> <p>0151 0152 PWS/RH</p> <p>↓ 0151 GS-4B 0152</p> </div> </div>																									
32 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p>43 [H] 1520</p> </div> <div style="width: 20%; text-align: center;"> <p>40</p> </div> <div style="width: 40%;"> <p>0245 43 [D] 0525</p> <p>0505 34 [D] 0710</p> </div> </div>																									
S/C 32 INITIAL CONDITIONS	1200 RTLT 28h 44m 4s												0000 RTLT 28h 44m 14s													
RTLT: 28h 43m 54s																										
CCSL: B161																										
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 @ 0151 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 12												NOV 13													

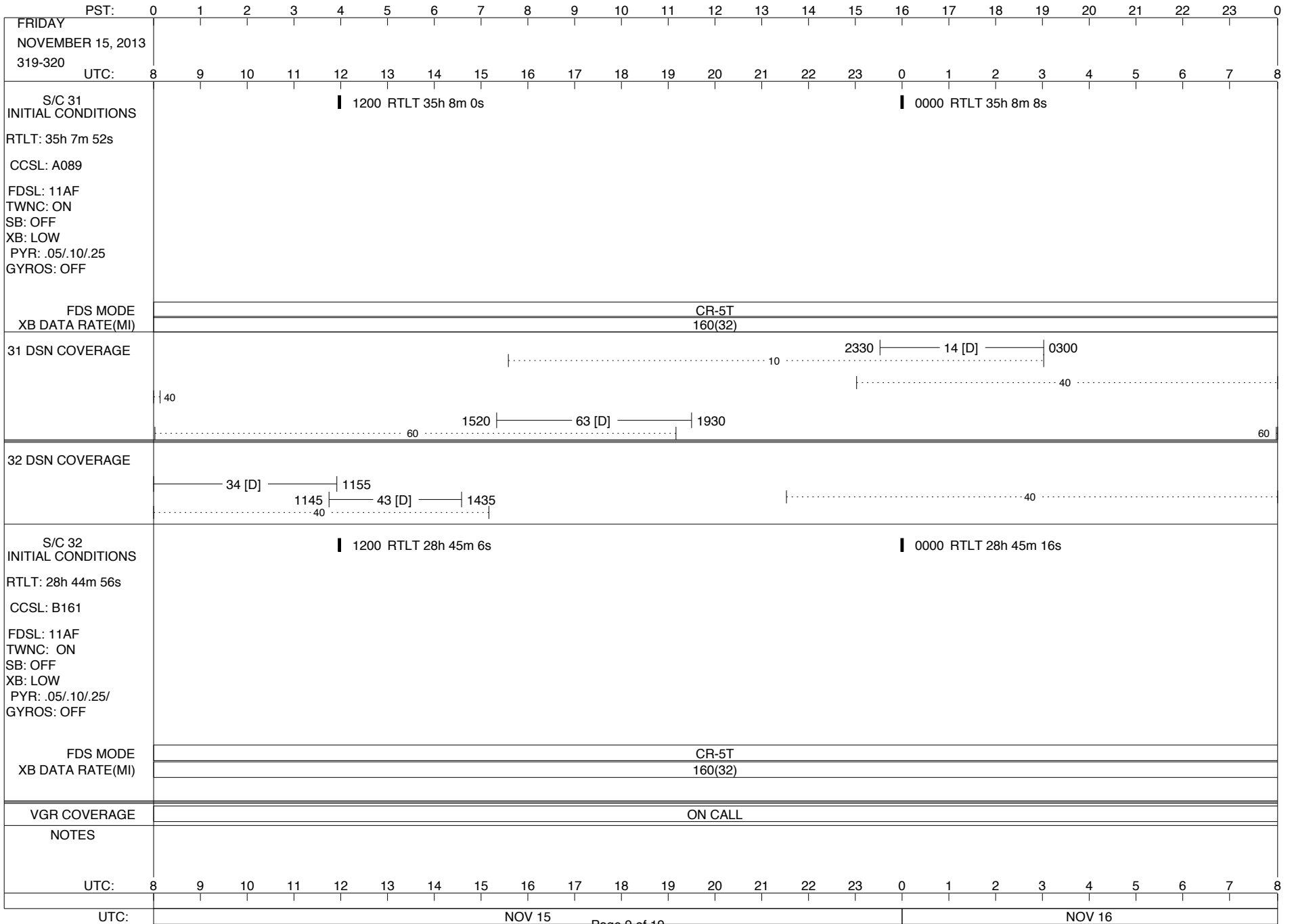
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WEDNESDAY NOVEMBER 13, 2013 317-318																												
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S/C 31 INITIAL CONDITIONS RTLTL: 35h 7m 22s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 7m 30s 1224 TAPPOS 1401												0000 RTLT 35h 7m 38s															
FDS MODE	CR-5T												PB-14						CR-5T									
XB DATA RATE(MI)	160(32)												1.4K(39)						160(32)									
31 DSN COVERAGE	<p>Timeline for S/C 31 DSN Coverage:</p> <ul style="list-style-type: none"> 1615 14 [DA] 0200 1800 25 [DAR] 0100 1800 24 [DA] 0100 10 10 1530 63 [D] 1635 40 60 40 																											
32 DSN COVERAGE	<p>Timeline for S/C 32 DSN Coverage:</p> <ul style="list-style-type: none"> 1045 43 [D] 1515 40 0630 43 [H1,o] 40 																											
S/C 32 INITIAL CONDITIONS RTLTL: 28h 44m 14s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 44m 26s B162 CHKSUM												0000 RTLT 28h 44m 36s															
FDS MODE	EL-40 1146				↓				1246 CR-5T																			
XB DATA RATE(MI)	CR-5T				EL-40				CR-5T																			
	160(32)				40(30)				160(32)																			
VGR COVERAGE	ON CALL												VGR						ON CALL									
NOTES	[1] S/C 32=EL-40 @ 1146 XB=40(30) [2] S/C 32=CR-5T @ 1246 XB=160(32)												[3] S/C 31=PB-14 @ 1839 XB=1.4K(39) [4] S/C 31=CR-5T @ 0056 XB=160(32)															
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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SATURDAY NOVEMBER 16, 2013 320-321	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: 35h 8m 8s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 35h 8m 16s												0000 RTLTL 35h 8m 22s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	1625 ----- 14 [D] ----- 2030 ----- 10 -----												40 ----- 40 -----													
	1105 ----- 63 [D] ----- 1645 ----- 60 -----												60 -----													
32 DSN COVERAGE	1105 ----- 43 [D] ----- 1505 ----- 40 -----												0210 ----- 43 [D] ----- ----- 40 -----													
S/C 32 INITIAL CONDITIONS RTLTL: 28h 45m 16s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 28h 45m 26s												0000 RTLTL 28h 45m 36s													
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 16													NOV 17												

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 17, 2013 321-322																												
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: 35h 8m 22s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 8m 30s 1044 AACS MRO 1232 1232 - FDS MRO - - 1456 ▼ 1310 DUMMY (00:19) ▼ 1319 EL-40 (00:27) ▼ 1340 RE-ENA BL X-LO - ECR 112872 ▼ 1348 TLMPRG (00:57) ▼ 1409 SID MRO'S (01:18) 1456 - - - - - 1613 CCSA MRO 1612 - - - - - 1729 CCSB MRO														0000 RTLT 35h 8m 36s													
FDS MODE	CR-5T							EL-40							CR-5T													
XB DATA RATE(MI)	160(32)							40(30)							160(32)													
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLT: 28h 45m 36s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 45m 46s														0000 RTLT 28h 45m 56s													
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	ON CALL							VGR							ON CALL													
NOTES	[1] S/C 31=EL-40 @ 1029 XB=40(30) [2] S/C 31=CR-5T @ 1732 XB=160(32)																											
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 17														NOV 18													

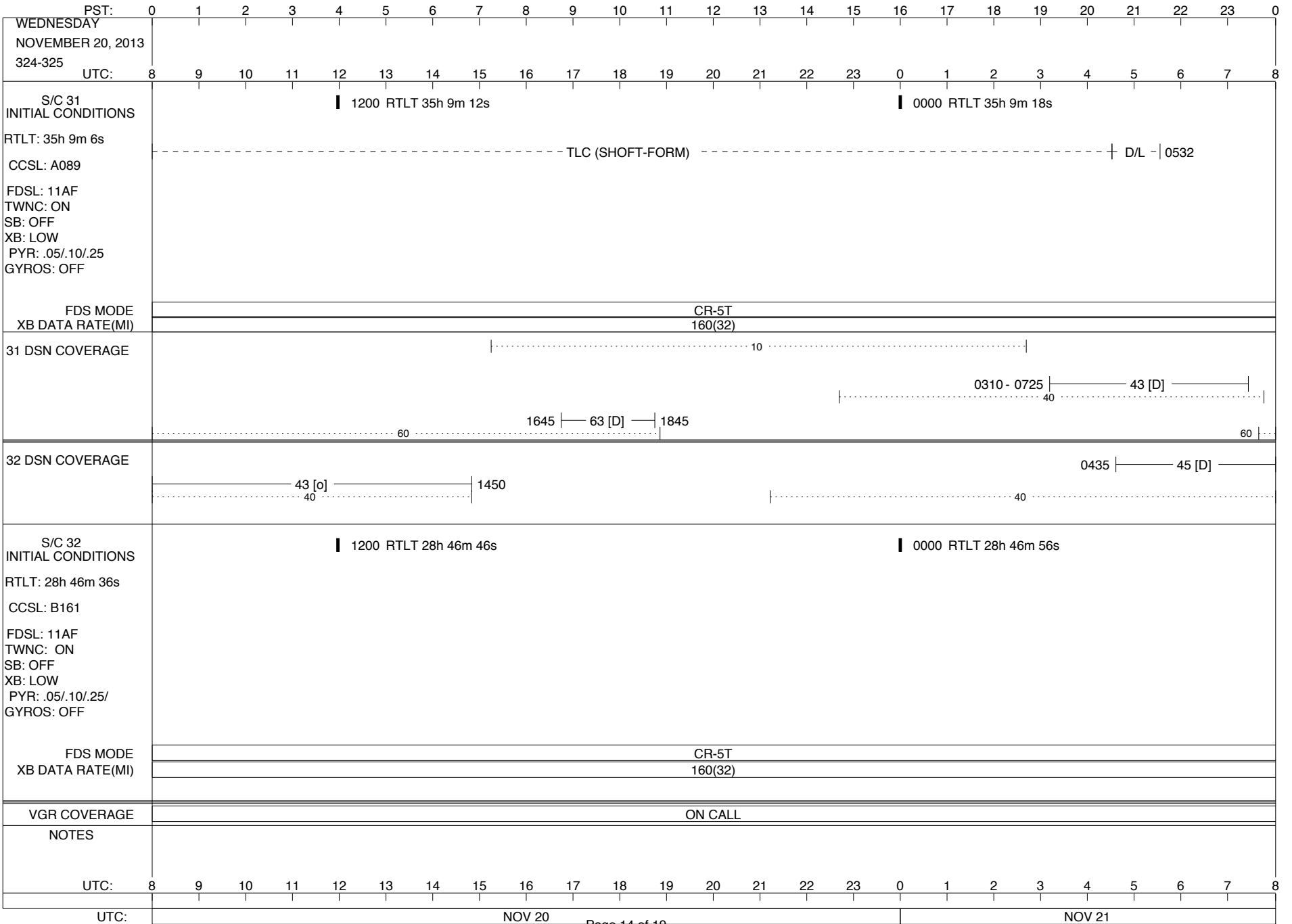
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MONDAY NOVEMBER 18, 2013 322-323	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 35h 8m 36s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 8m 44s												0000 RTLT 35h 8m 52s												
FDS MODE	CR-5T												EL-40		CR-5T										
XB DATA RATE(MI)	160(32)												40(30)		160(32)										
31 DSN COVERAGE60.....										2335 ----- 14 [D] ----- 0245	40.....		60 .										
32 DSN COVERAGE	0930 ----- 43 [D] ----- 1455			40.....			40.....																
S/C 32 INITIAL CONDITIONS RTLT: 28h 45m 56s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 46m 6s												0000 RTLT 28h 46m 16s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL												VGR		ON CALL										
NOTES	[1] S/C 31=EL-40 @ 0029 XB=40(30) [2] S/C 31=CR-5T @ 0123 XB=160(32)																								
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 18														NOV 19										

ISSUE DATE: 11/07/13 15:21

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TUESDAY NOVEMBER 19, 2013 323-324																												
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: 35h 8m 52s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 8m 58s												0000 RTLT 35h 9m 6s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
31 DSN COVERAGE	2215 ----- 14 [D] ----- 0240												1630 ----- 63 [T1] ----- 1915															
32 DSN COVERAGE	0950 ----- 43 [B] ----- 1450												0545 ----- 43 [o] -----															
S/C 32 INITIAL CONDITIONS RTLT: 28h 46m 16s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 46m 26s												0000 RTLT 28h 46m 36s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																											
VGR COVERAGE	ON CALL				VGR				ON CALL				VGR				ON CALL											
NOTES	[1] BACKUP TLMPRG U/L TRACK [2] S/C 31=GS-4B @ 0128 XB=2.8K(41) NOT RECOVERABLE																											
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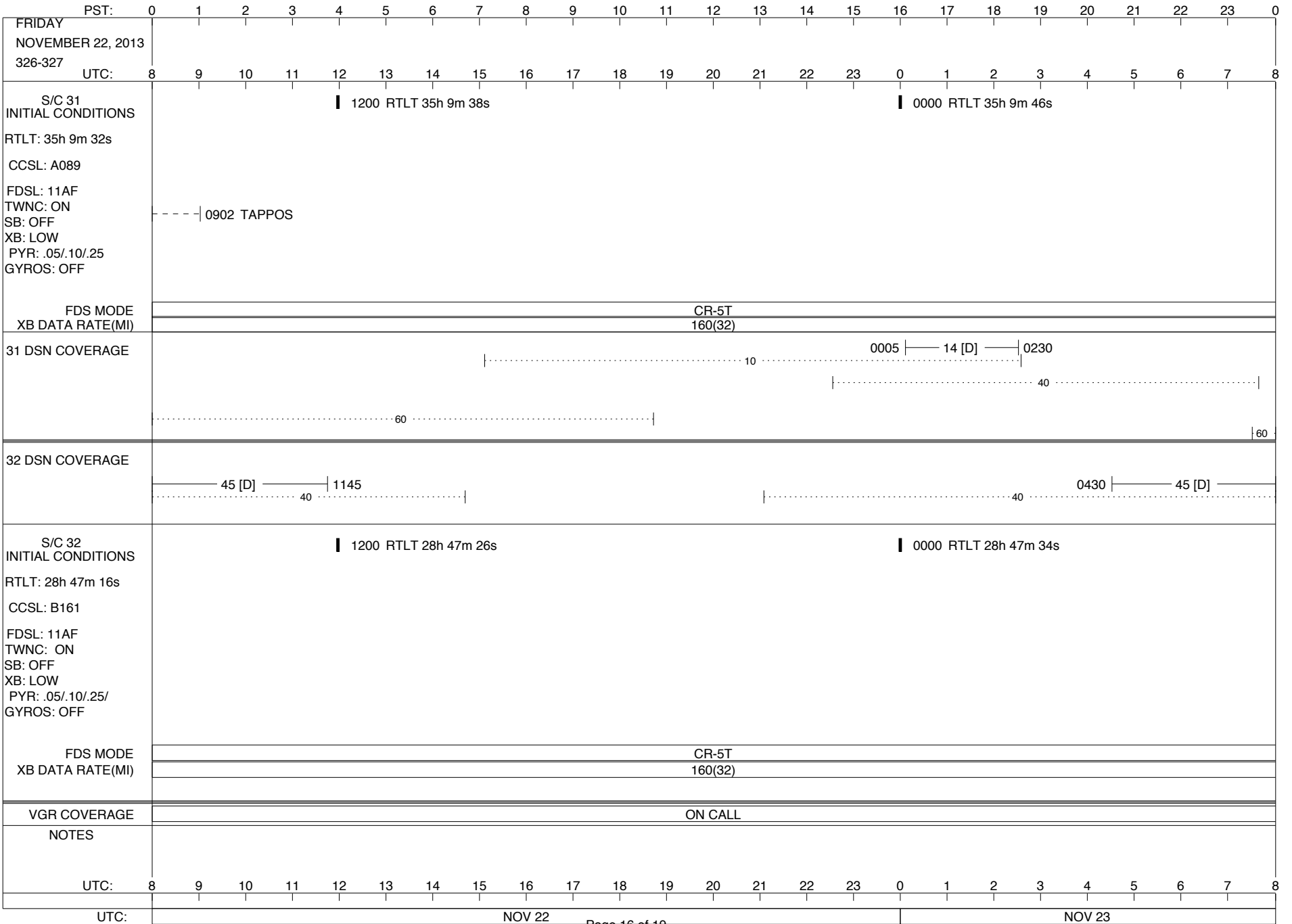
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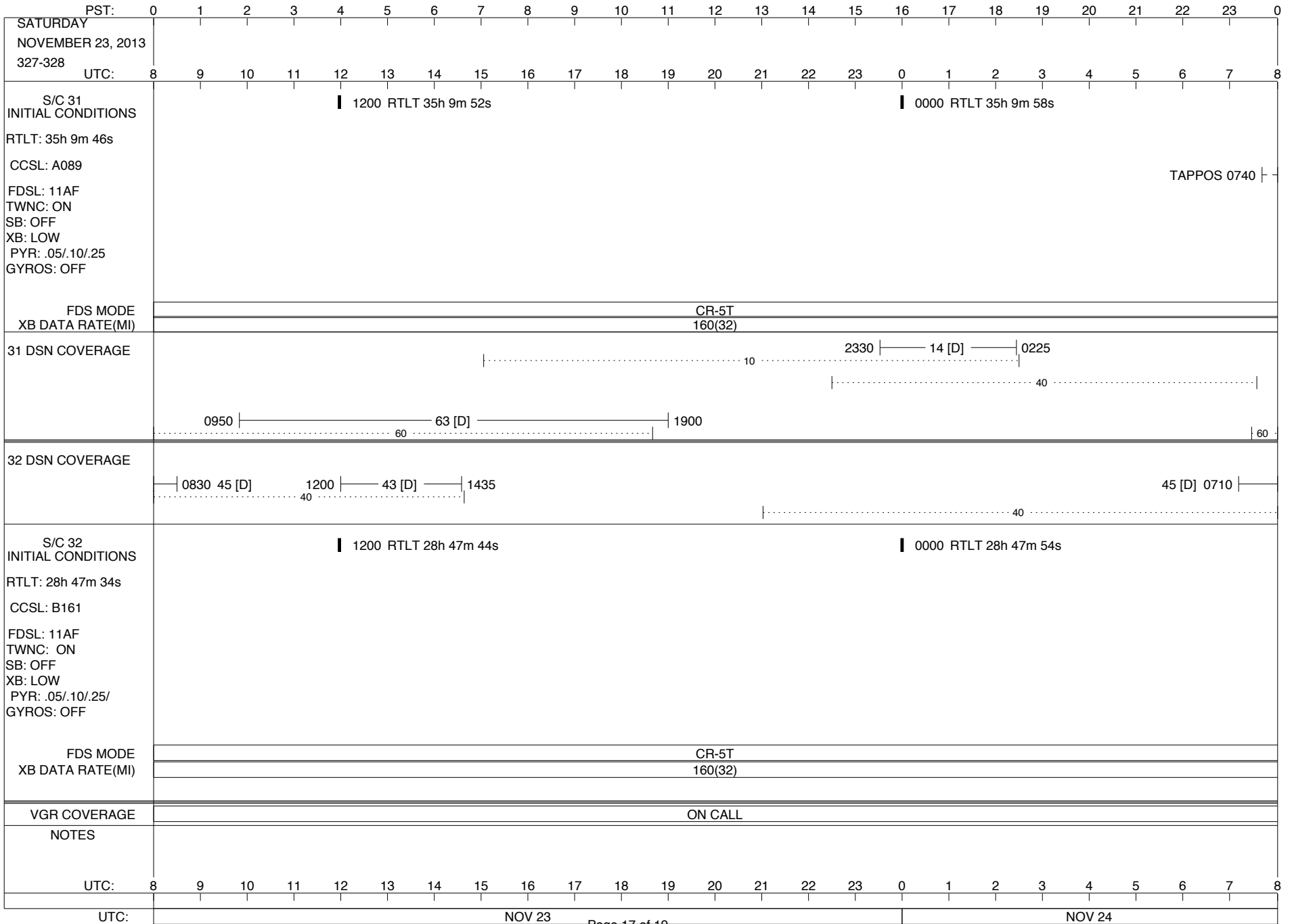
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THURSDAY NOVEMBER 21, 2013 325-326																									
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S/C 31 INITIAL CONDITIONS RTLTL: 35h 9m 18s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 35h 9m 26s												0000 RTLTL 35h 9m 32s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	1530 ----- 63 [D] ----- 1910												2330 ----- 14 [D] ----- 0230 ----- 40 ----- ----- 60 -----												
32 DSN COVERAGE	45 [D] ----- 0935 1000 ----- 43 [D] ----- 1445												0430 ----- 45 [D] ----- ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 46m 56s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 28h 47m 6s												0000 RTLTL 28h 47m 16s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0743 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												

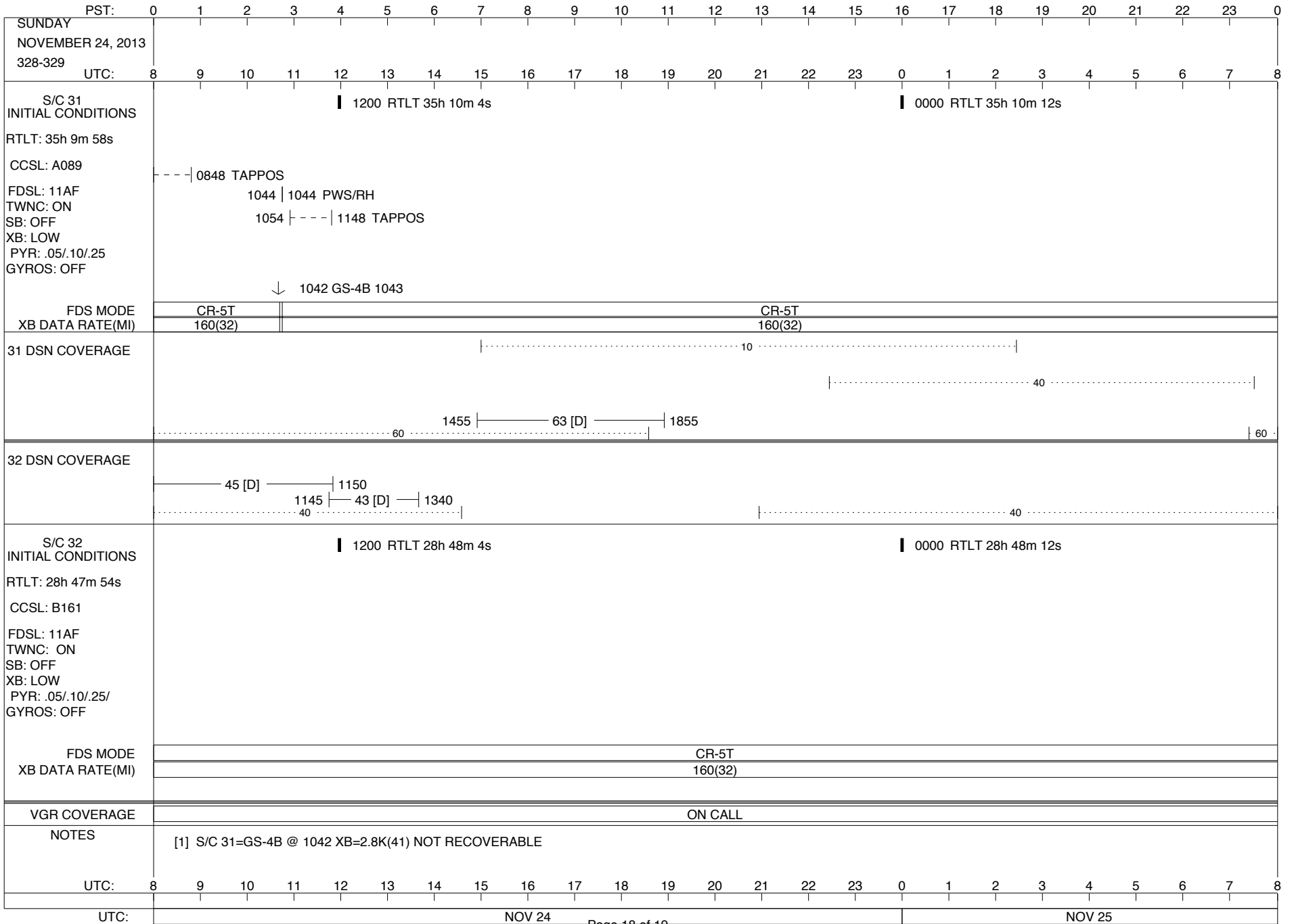
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MONDAY NOVEMBER 25, 2013 329-330																											
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S/C 31 INITIAL CONDITIONS RTLT: 35h 10m 12s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 35h 10m 18s</p> </div>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<div style="text-align: center;"> <p>1340 ----- 63 [D] ----- 1850 60</p> </div>																										
32 DSN COVERAGE	<div style="text-align: center;"> <p>1125 ----- 43 [D] ----- 1415 40</p> <p>1340 ----- 63 [D] ----- 1850 60</p> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 28h 48m 12s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 28h 48m 22s</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:	NOV 25													NOV 26													