

VOYAGER Space Flight Operations Schedule (SFOS)
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Issue Date: November 8, 2017

For the Period: 11/9/17 to 11/27/17 (17/313 – 17/331)

DSN OPSCHIEF	230-102	SCIENCE	FLIGHT TEAM	600-100
DSOT	230-102	CRS bryant@mail630.gsfc.nasa.gov LECP r.decker@jhuapl.edu MAG u2mha@lepvax.gsfc.nasa.gov PLS vgr@space.mit.edu PWS wsk@space.physics.uiowa.edu Leonard.F.Burlaga@nasa.gov Donald-Gurnett@uiowa.edu	Dodd, S. Hall, J. Howard, S. Ko, A. Ledeboer, W. Ludwig, R. Matsumoto, S. Medina, E. Peralta, F. Weeks, T. Yang, L.	

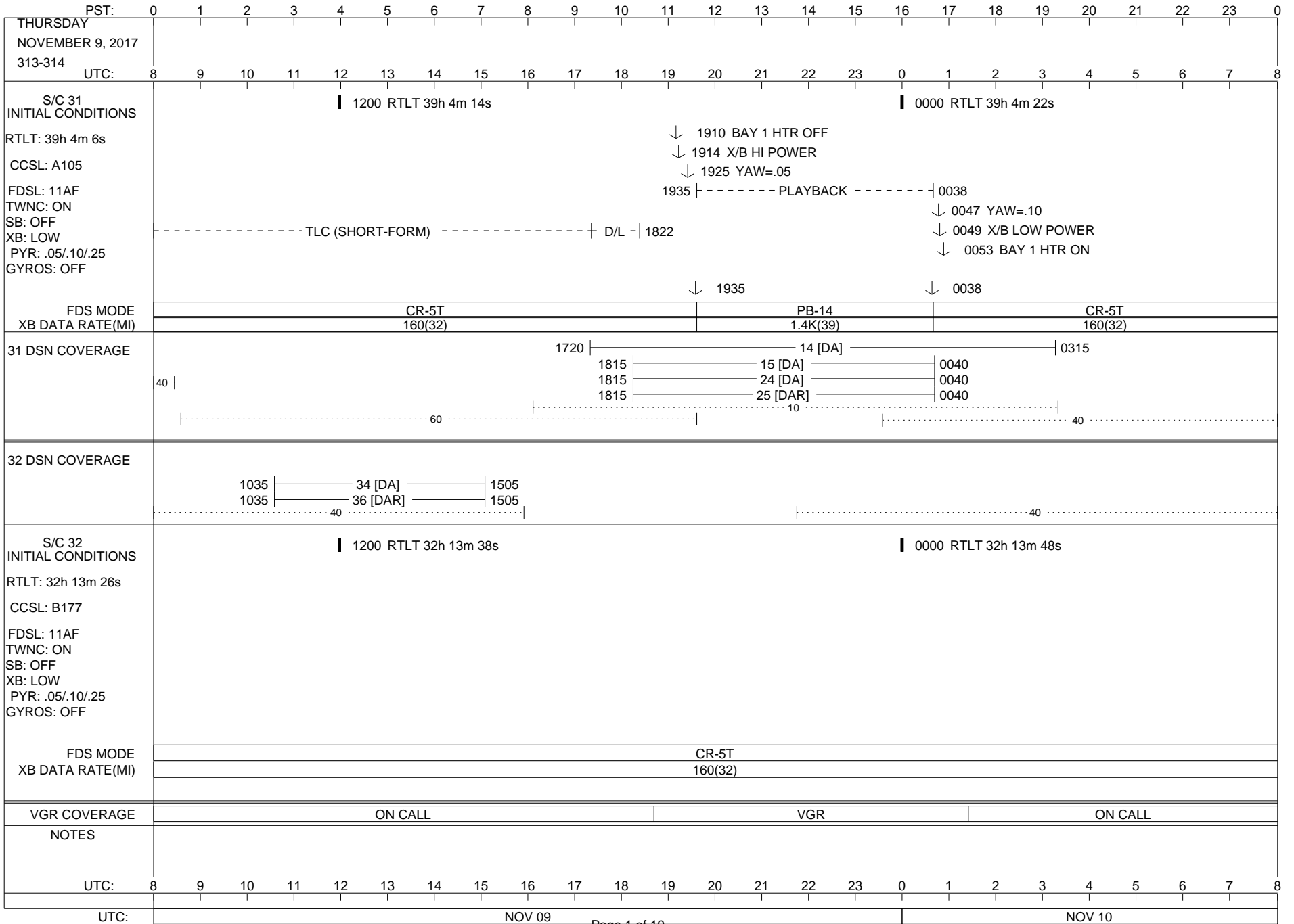
LEGEND:

- ∇ = 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

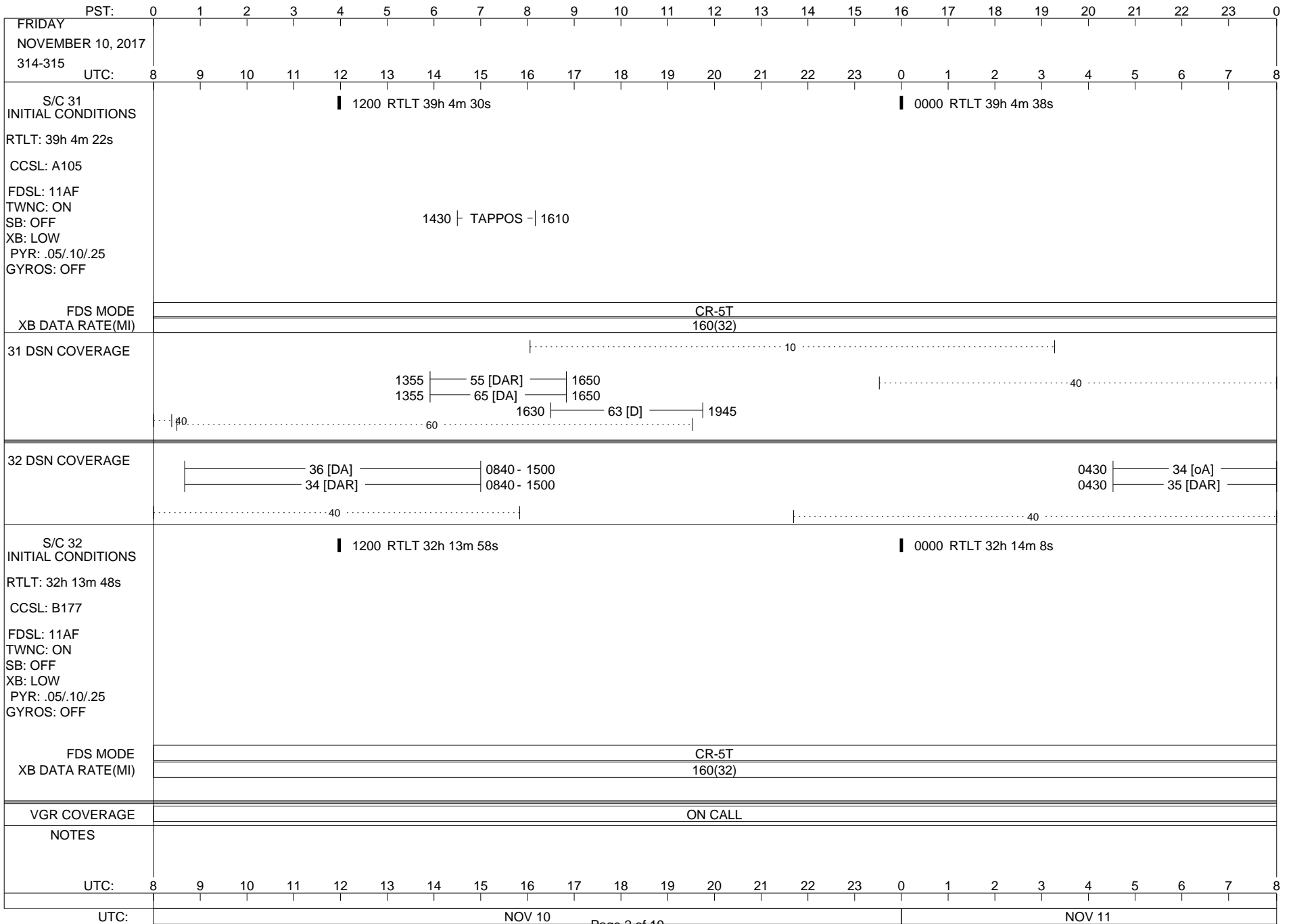
Posted at http://voyager.jpl.nasa.gov/mission/soesfos/tracking_schedule.html

02/27/17

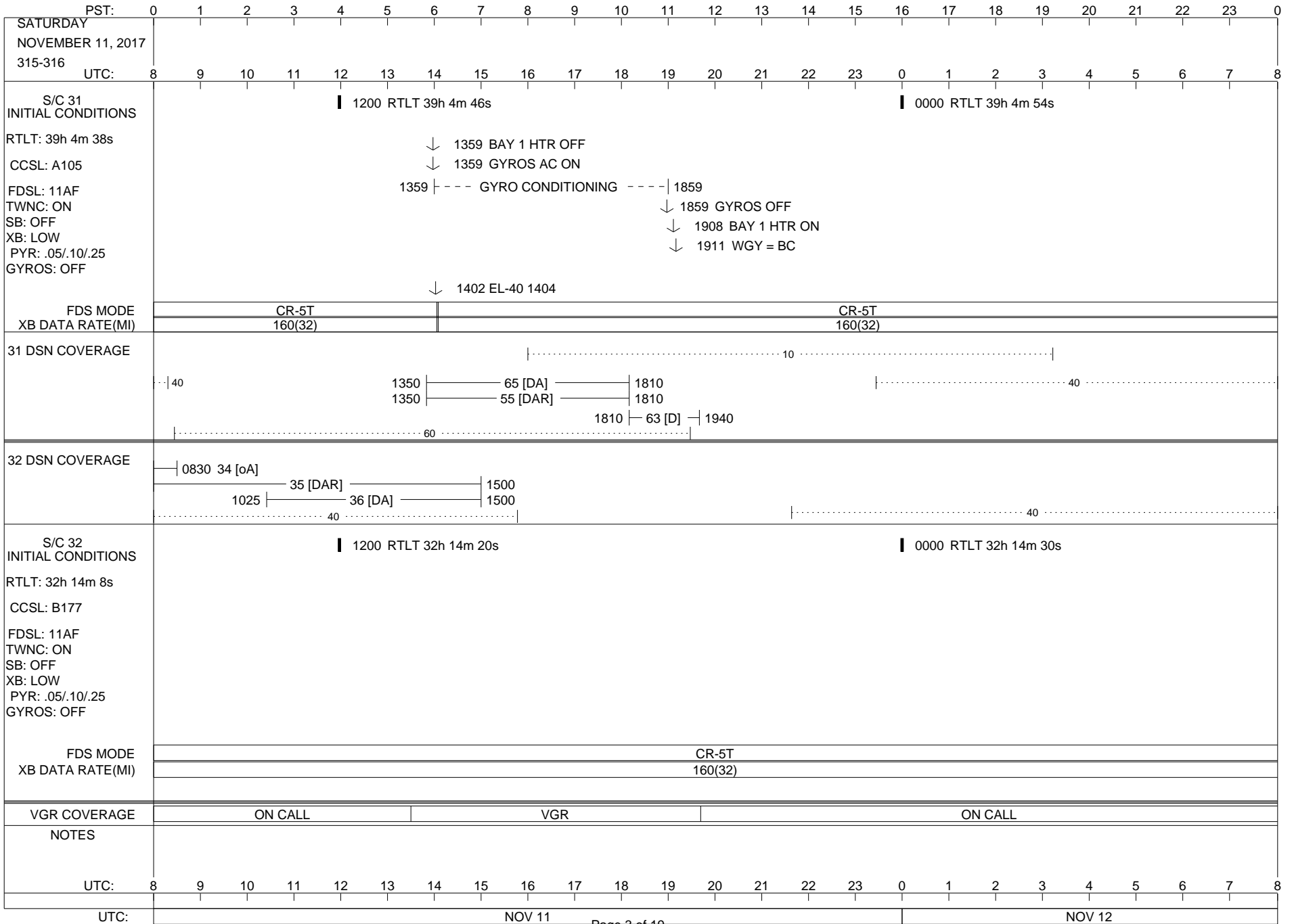
ISSUE DATE: 11/13/17 11:35



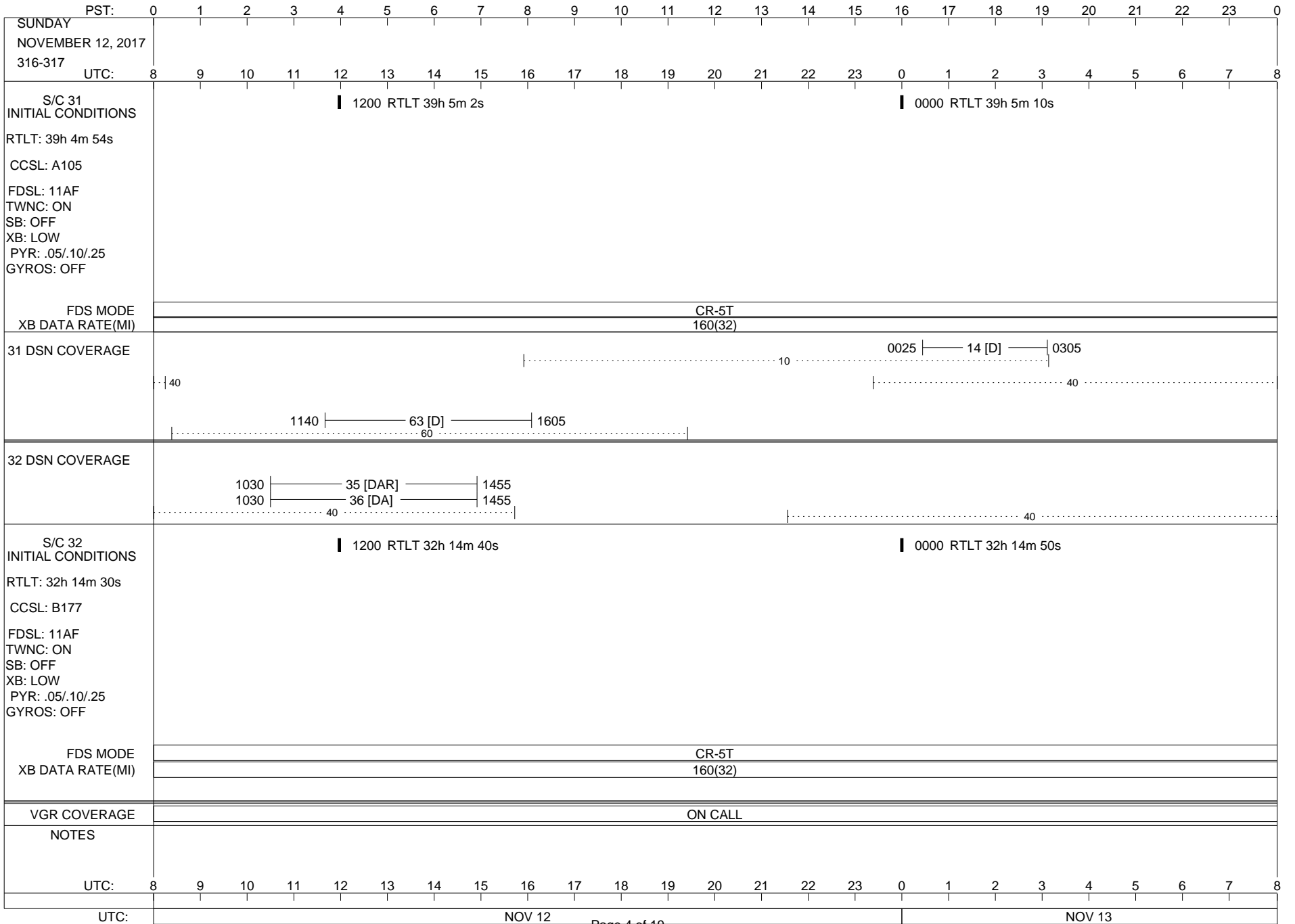
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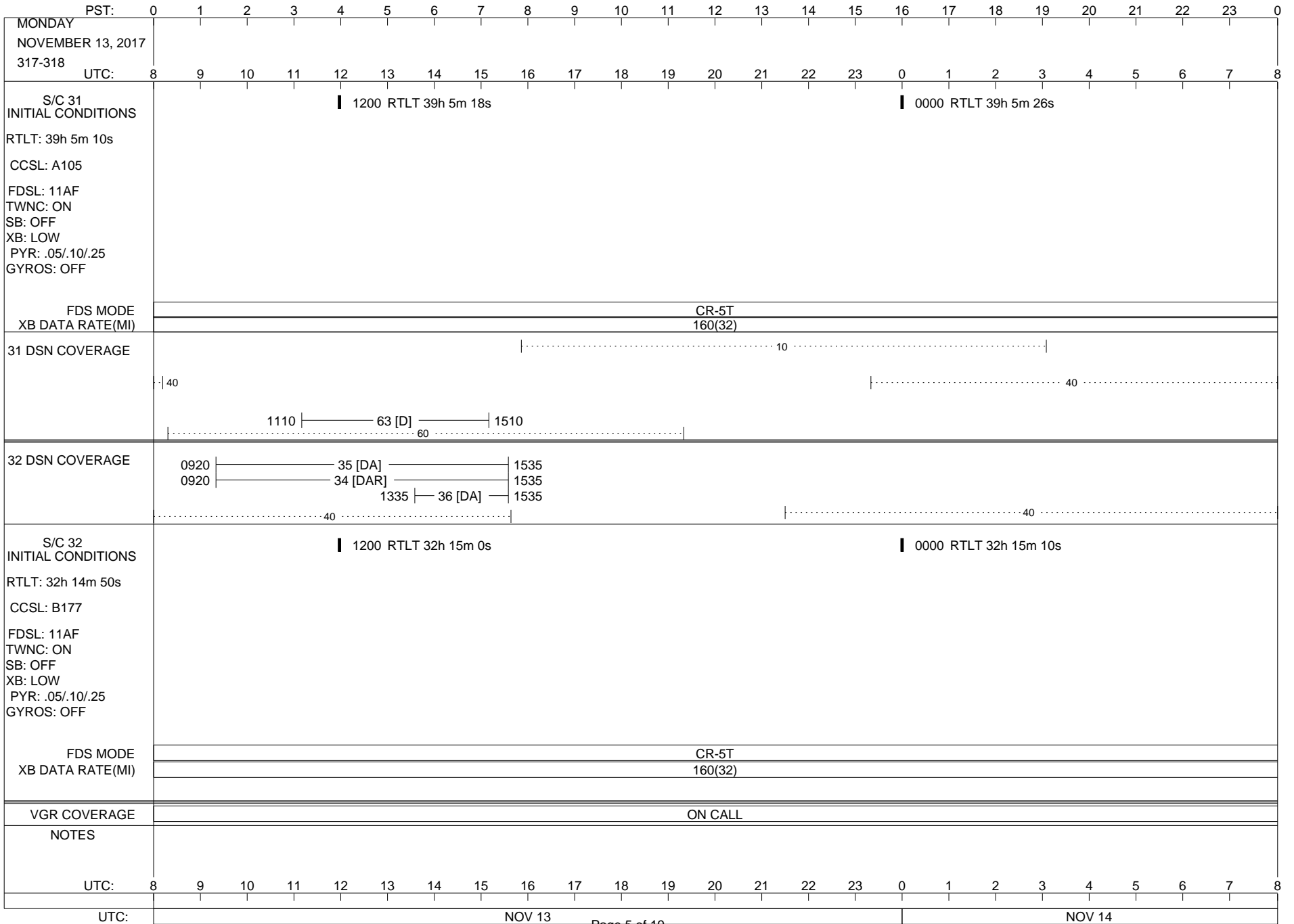
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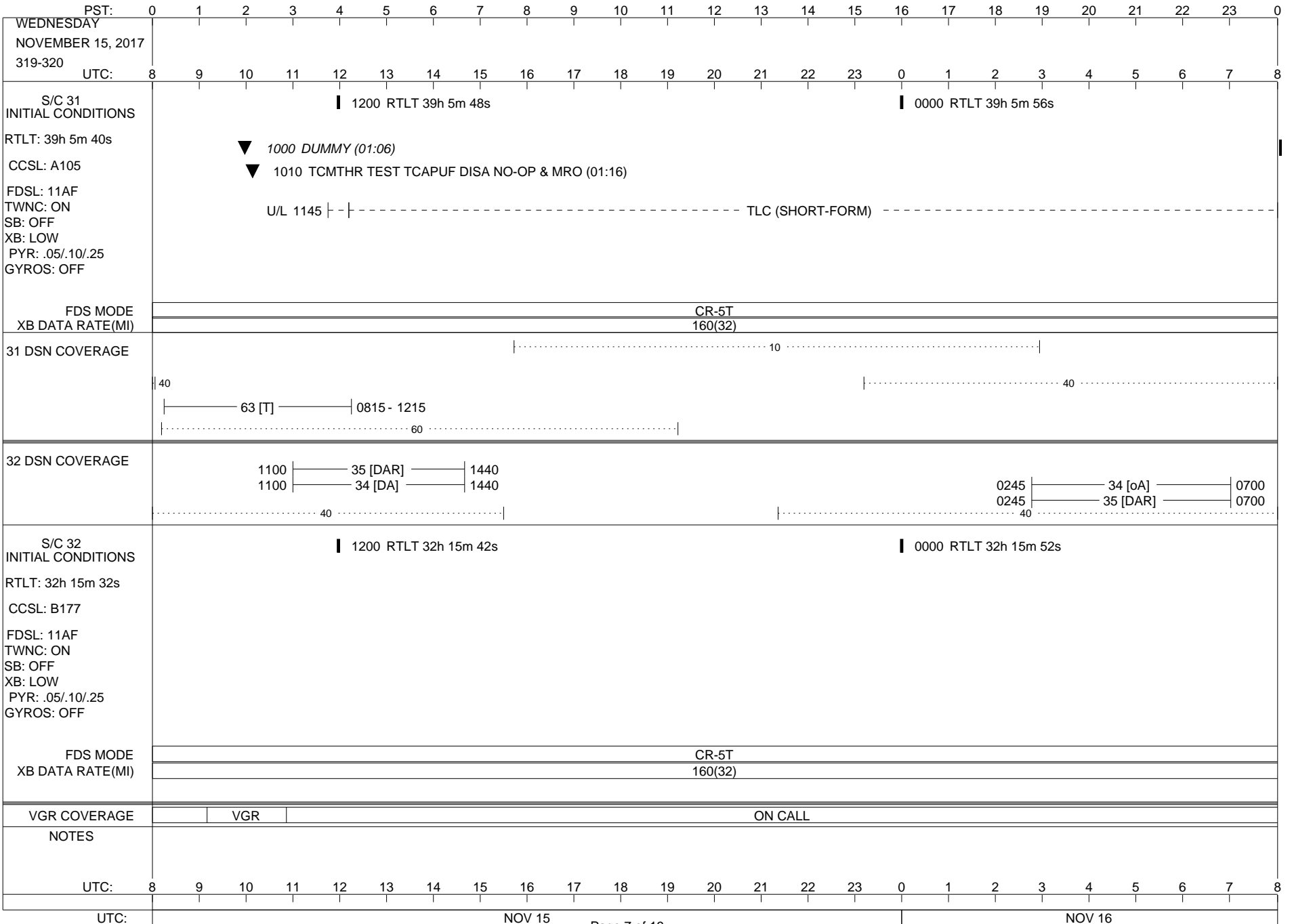
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TUESDAY NOVEMBER 14, 2017 318-319	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 39h 5m 26s CCSL: A105 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 5m 32s												0000 RTLT 39h 5m 40s												
	↓ 1453 DELINK APPW 1456 1456 CCS SID MRO												0127 0127 PWS/RH												
	↓ 1503 AHELI2 ENA 1505 1505 2 AHELI2 CCS SID MRO'S												↓ 0127 GS-4B 0127												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	40												40												
	1120 63 [D] 1520 60																								
32 DSN COVERAGE	1000 35 [DA] 1445 1000 36 [DAR] 1445 40												0250 35 [DA] 0650 0250 36 [DAR] 0650 40												
S/C 32 INITIAL CONDITIONS RTLT: 32h 15m 10s CCSL: B177 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 15m 20s												0000 RTLT 32h 15m 32s												
													0253 PLSCAL - 0436 0253 --- MAGCAL --- 0556 0253 --- PESCAL --- 0613												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0127 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												

ISSUE DATE: 11/13/17 11:35

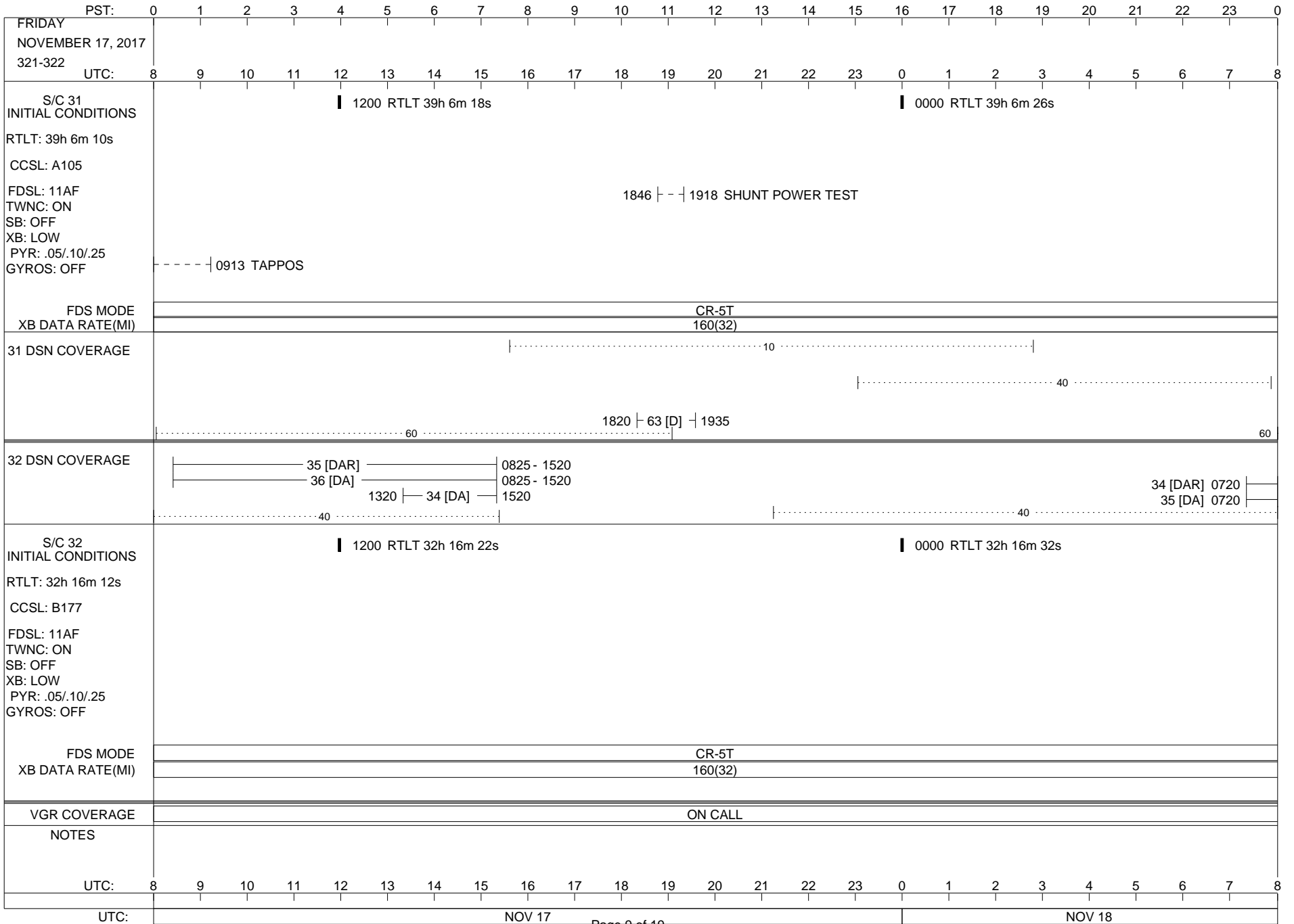


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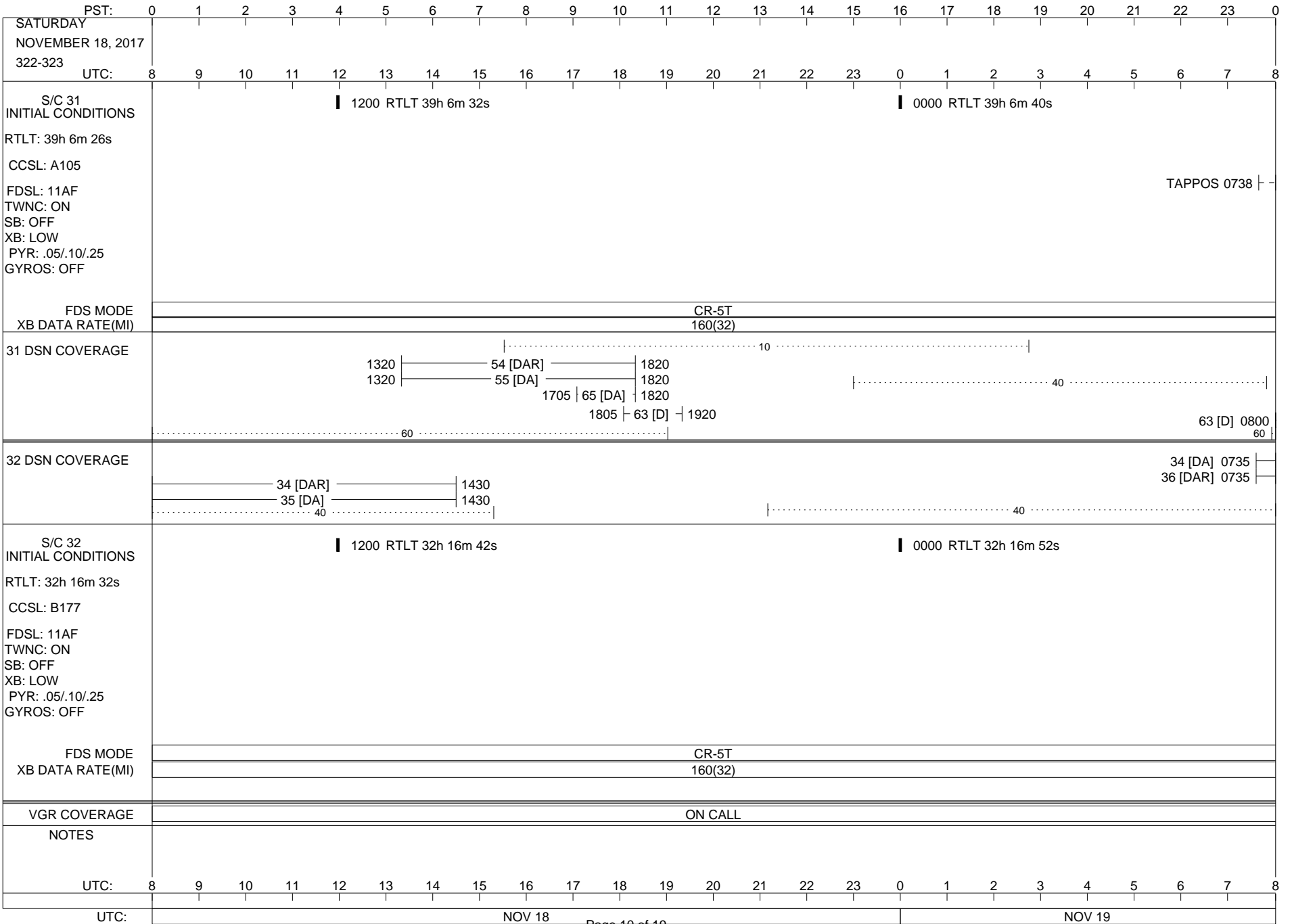
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THURSDAY NOVEMBER 16, 2017 320-321																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLTL: 39h 5m 56s CCSL: A105 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 39h 6m 4s												0000 RTLTL 39h 6m 10s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1525 ----- 63 [D] ----- 1925												2330 ----- 14 [D] ----- 0250 0250 ----- 34 [DAR] ----- 0540 0250 ----- 35 [DA] ----- 0540												
32 DSN COVERAGE	40 ----- 40 -----												40 ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 32h 15m 52s CCSL: B177 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 32h 16m 2s												0000 RTLTL 32h 16m 12s												
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 @ 0740 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 16												NOV 17												

TAPPOS

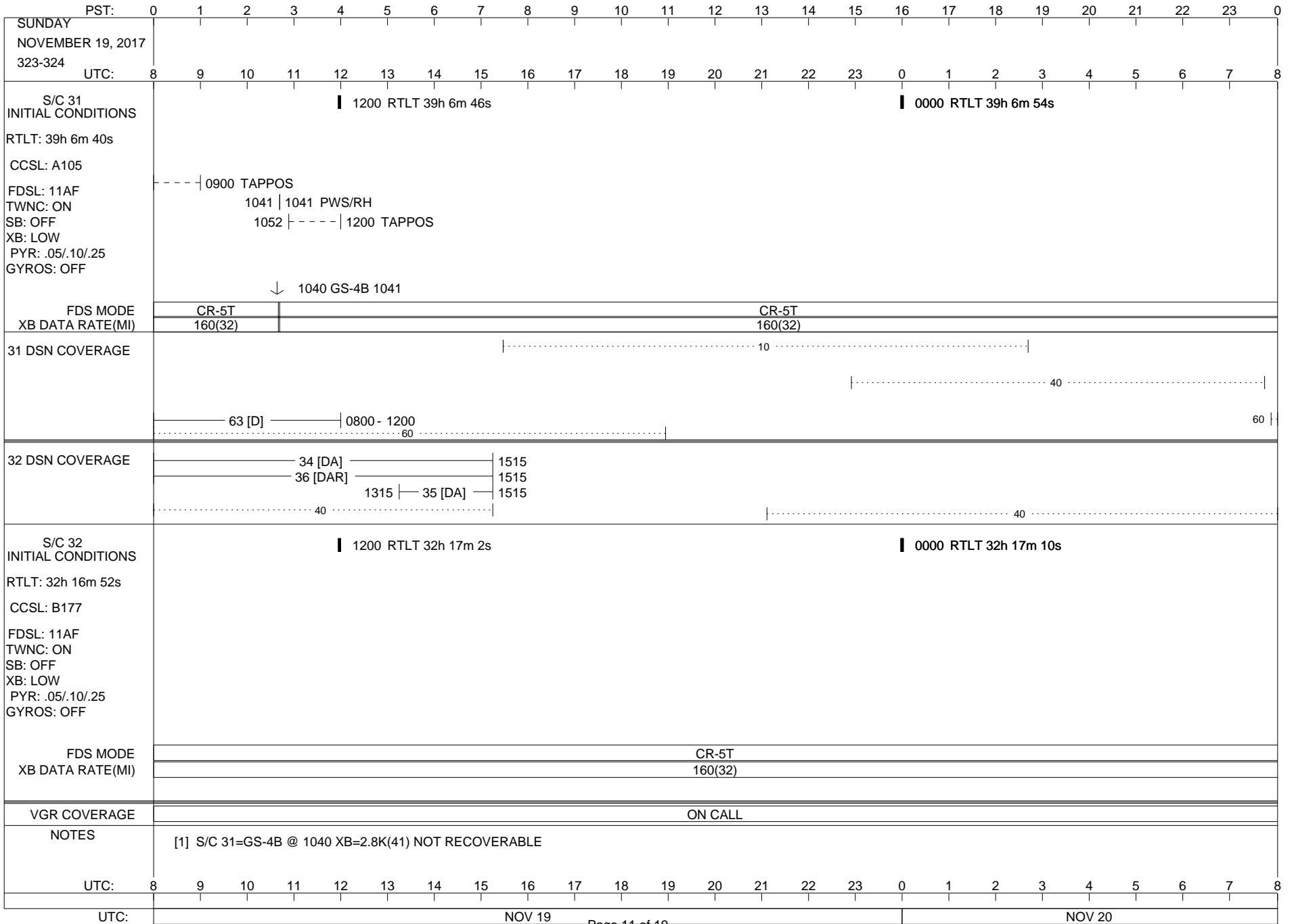
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PST:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
TUESDAY NOVEMBER 21, 2017 325-326																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLTL: 39h 7m 8s CCSL: A105 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 39h 7m 14s												█ 0000 RTLTL 39h 7m 22s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE10.....40.....												
	0945 -----63 [D]----- 1350												63 [D] 0755 -----60-----												
32 DSN COVERAGE	1110 -----35 [DA]----- 1510 1110 -----36 [DAR]----- 1510 1310 -----34 [DA]----- 1510											40.....												
S/C 32 INITIAL CONDITIONS RTLTL: 32h 17m 30s CCSL: B178 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 32h 17m 40s												█ 0000 RTLTL 32h 17m 50s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0103 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												

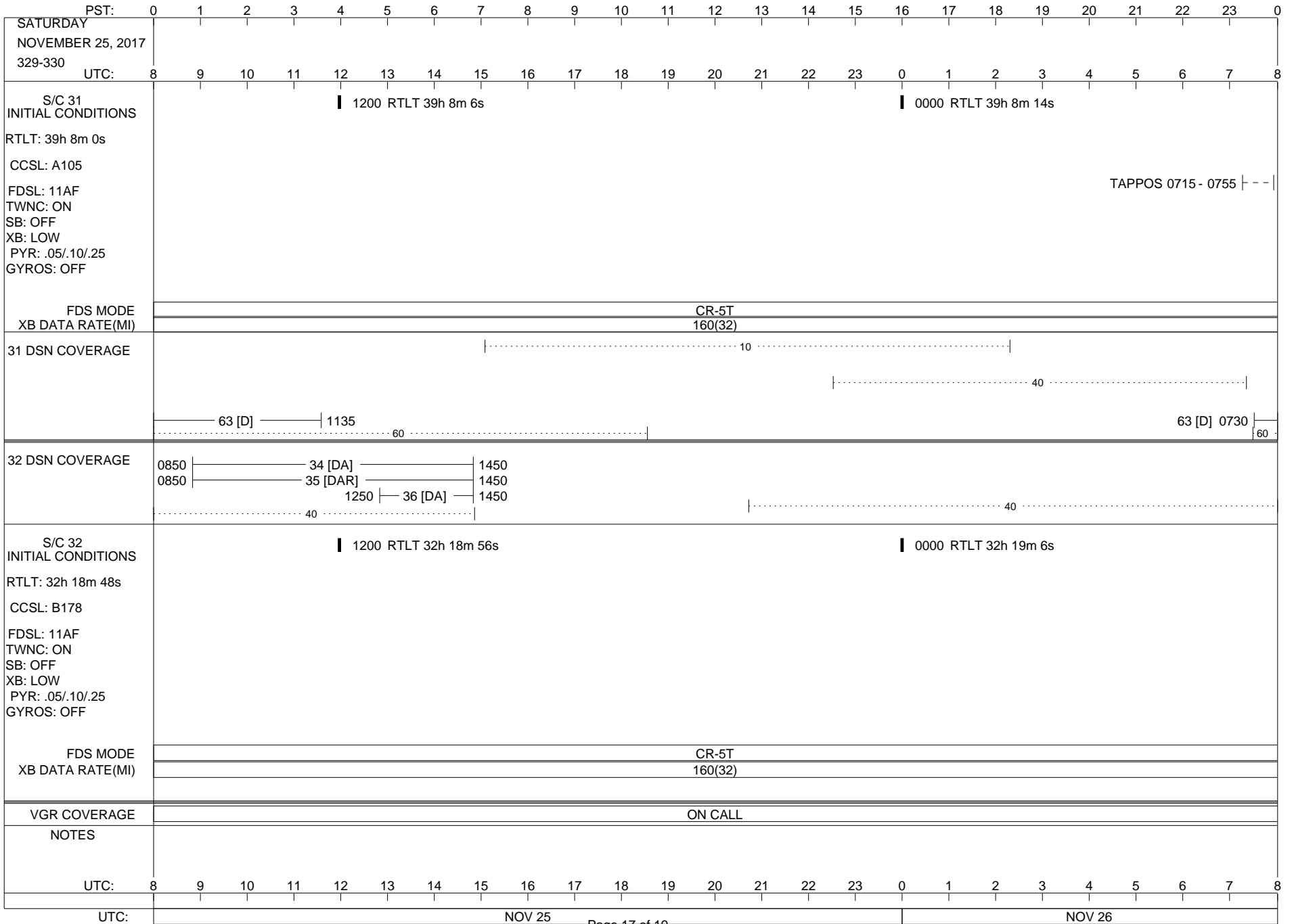
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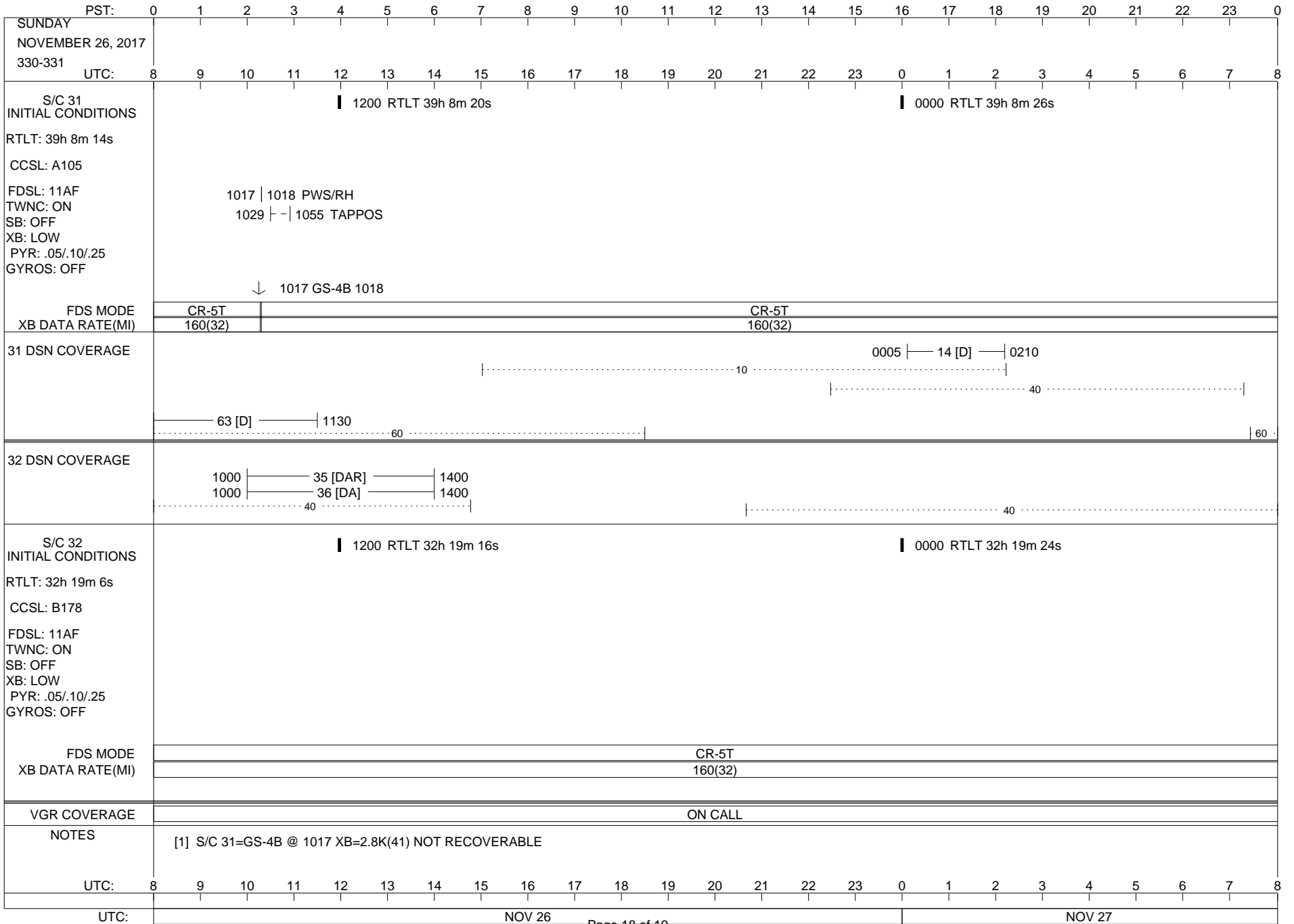
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THURSDAY NOVEMBER 23, 2017 327-328																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS	1200 RTLT 39h 7m 42s												0000 RTLT 39h 7m 48s													
RTLTL: 39h 7m 34s																										
CCSL: A105																										
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	1545 ----- 14 [D] ----- 1945												0045 14 [D] 0220													
	----- 10 -----												----- 40 -----													
	----- 60 -----												----- 60 -----													
32 DSN COVERAGE	0900 ----- 35 [DA] ----- 1455																									
	0900 ----- 36 [DAR] ----- 1455																									
	----- 40 -----												1320 34 [DA] ----- 1455													
	----- 40 -----												----- 40 -----													
S/C 32 INITIAL CONDITIONS	1200 RTLT 32h 18m 18s												0000 RTLT 32h 18m 28s													
RTLTL: 32h 18m 10s																										
CCSL: B178																										
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 @ 0716 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 23												NOV 24													

ISSUE DATE: 11/13/17 11:35

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 24, 2017 328-329	
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: 39h 7m 48s CCSL: A105 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 39h 7m 54s</p> <p>0000 RTLT 39h 8m 0s</p> <p>0808 TAPPOS</p>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
31 DSN COVERAGE	<p>0045 14 [D] 0220</p> <p>63 [D] 0820 - 1220</p> <p>63 [D] 0735</p>
32 DSN COVERAGE	<p>0930 35 [DA] 1455</p> <p>0930 36 [DAR] 1455</p> <p>1255 34 [DA] 1455</p>
S/C 32 INITIAL CONDITIONS RTLT: 32h 18m 28s CCSL: B178 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 32h 18m 38s</p> <p>0000 RTLT 32h 18m 48s</p>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
VGR COVERAGE	ON CALL
NOTES	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 24 NOV 25

ISSUE DATE: 11/13/17 11:35





ISSUE DATE: 11/13/17 11:35

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 27, 2017 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	█ 1200 RTLT 39h 8m 32s																										
RTLTL: 39h 8m 26s																											
CCSL: A105																											
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 32h 19m 34s																										
RTLTL: 32h 19m 24s																											
CCSL: B178																											
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																											
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 27													NOV 28													