

VOYAGER Space Flight Operations Schedule (SFOS)
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Issue Date: October 18, 2017

For the Period: 10/19/17 to 10/30/17 (17/292 – 17/310)

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.	

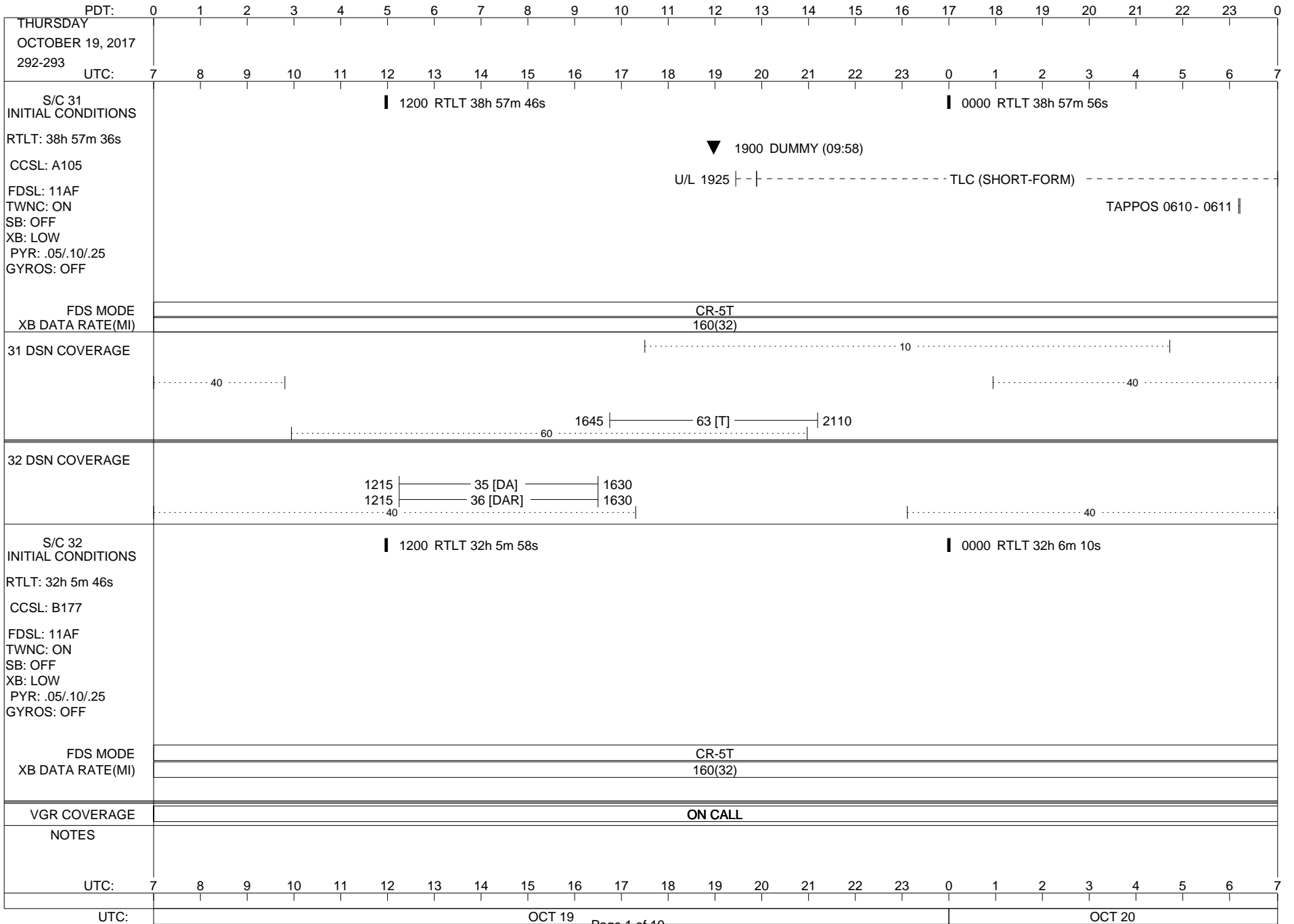
LEGEND:

- ∇ = 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

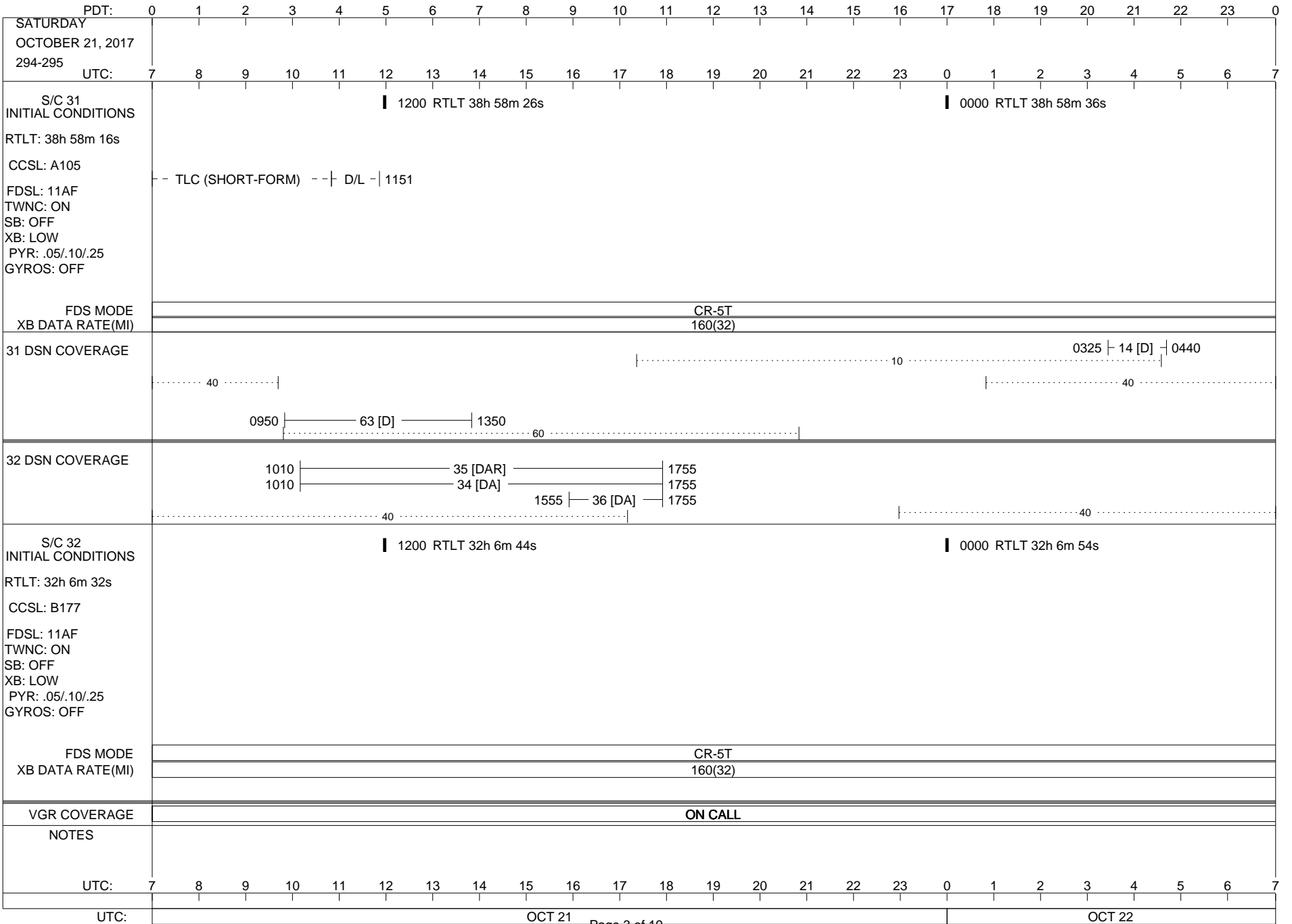
ISSUE DATE: 10/18/17 10:11



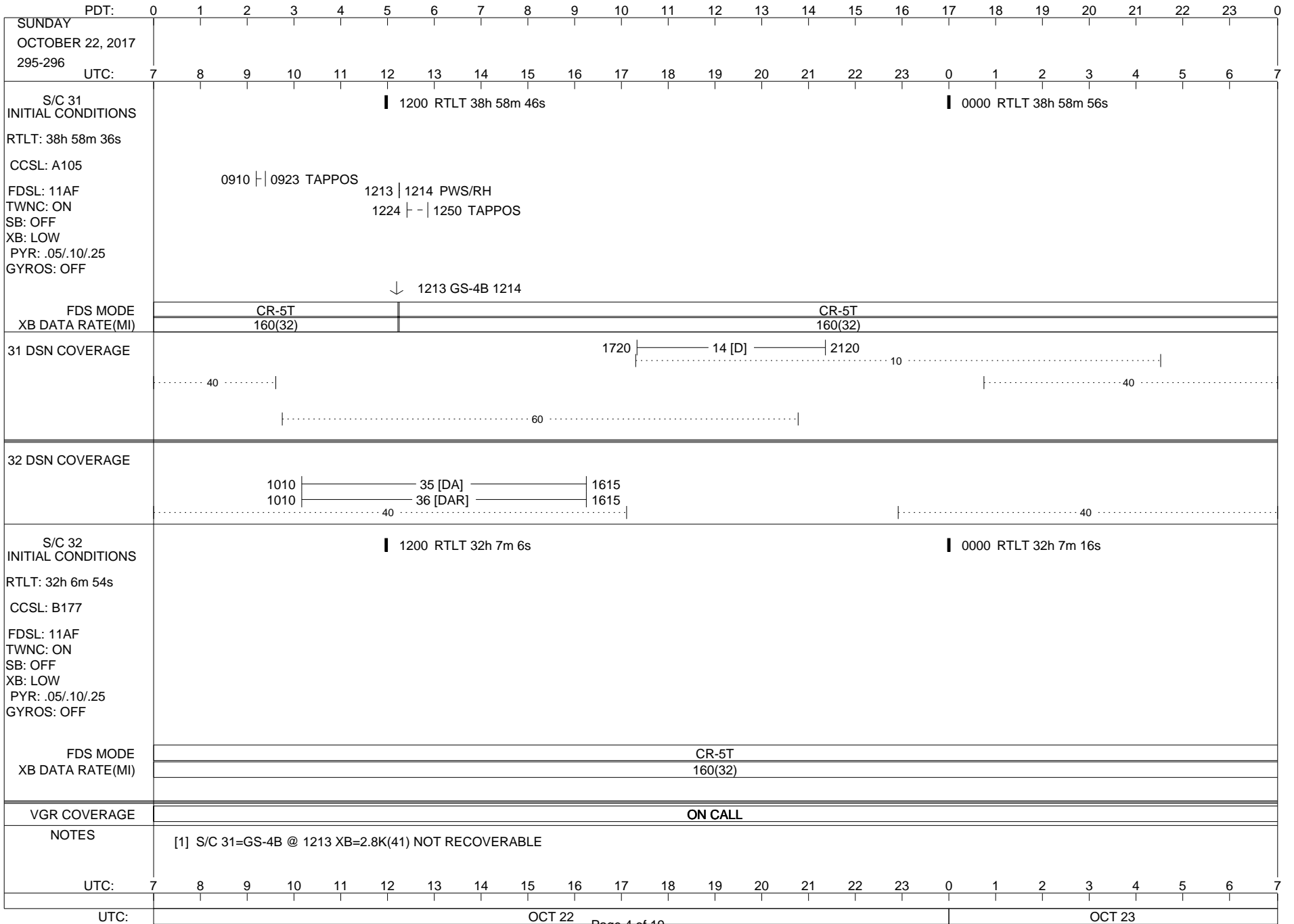
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PDT:		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0		
FRIDAY																												
OCTOBER 20, 2017																												
293-294																												
UTC:		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS		1200 RTLT 38h 58m 6s												0000 RTLT 38h 58m 16s														
RTLT: 38h 57m 56s																												
CCSL: A105																												
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.10/.25																												
GYROS: OFF																												
		----- TLC (SHORT-FORM) -----																										
		0912 0913 PWS/RH 0924 0936 TAPPOS																										
		↓ 0912 GS-4B 0913																										
FDS MODE		CR-5T												CR-5T														
XB DATA RATE(MI)		160(32)												160(32)														
31 DSN COVERAGE		<p>.....10.....</p> <p>.....40.....40.....</p> <p>.....1715 ----- 63 [D] ----- 2115</p> <p>.....60.....</p>																										
32 DSN COVERAGE		<p>0930 ----- 35 [DAR] ----- 1625</p> <p>0930 ----- 36 [DA] ----- 1625</p> <p>.....40.....40.....</p>																										
S/C 32 INITIAL CONDITIONS		1200 RTLT 32h 6m 20s												0000 RTLT 32h 6m 32s														
RTLT: 32h 6m 10s																												
CCSL: B177																												
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 @ 0912 XB=2.8K(41) NOT RECOVERABLE																										
UTC:		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
UTC:		OCT 20															OCT 21											

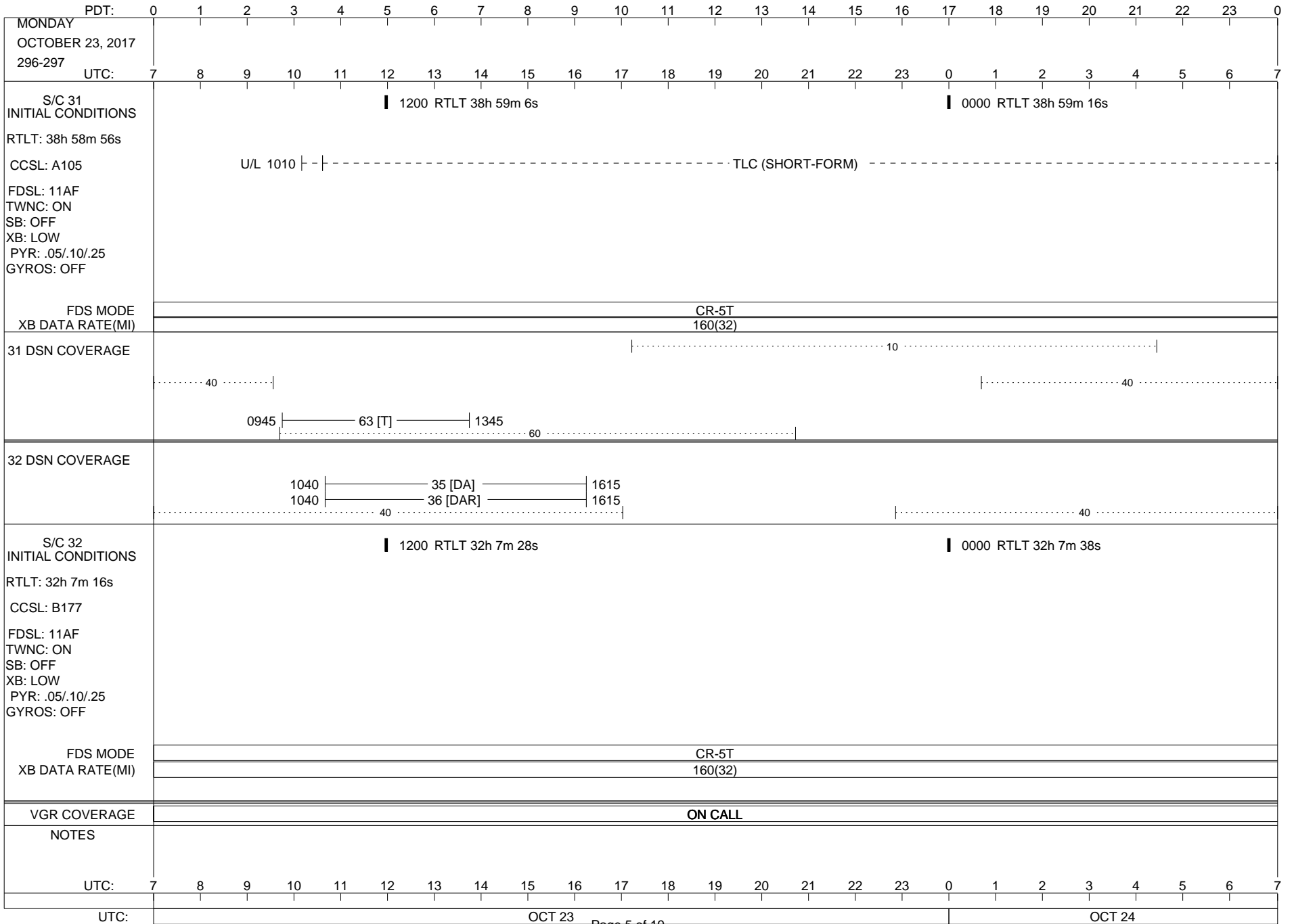
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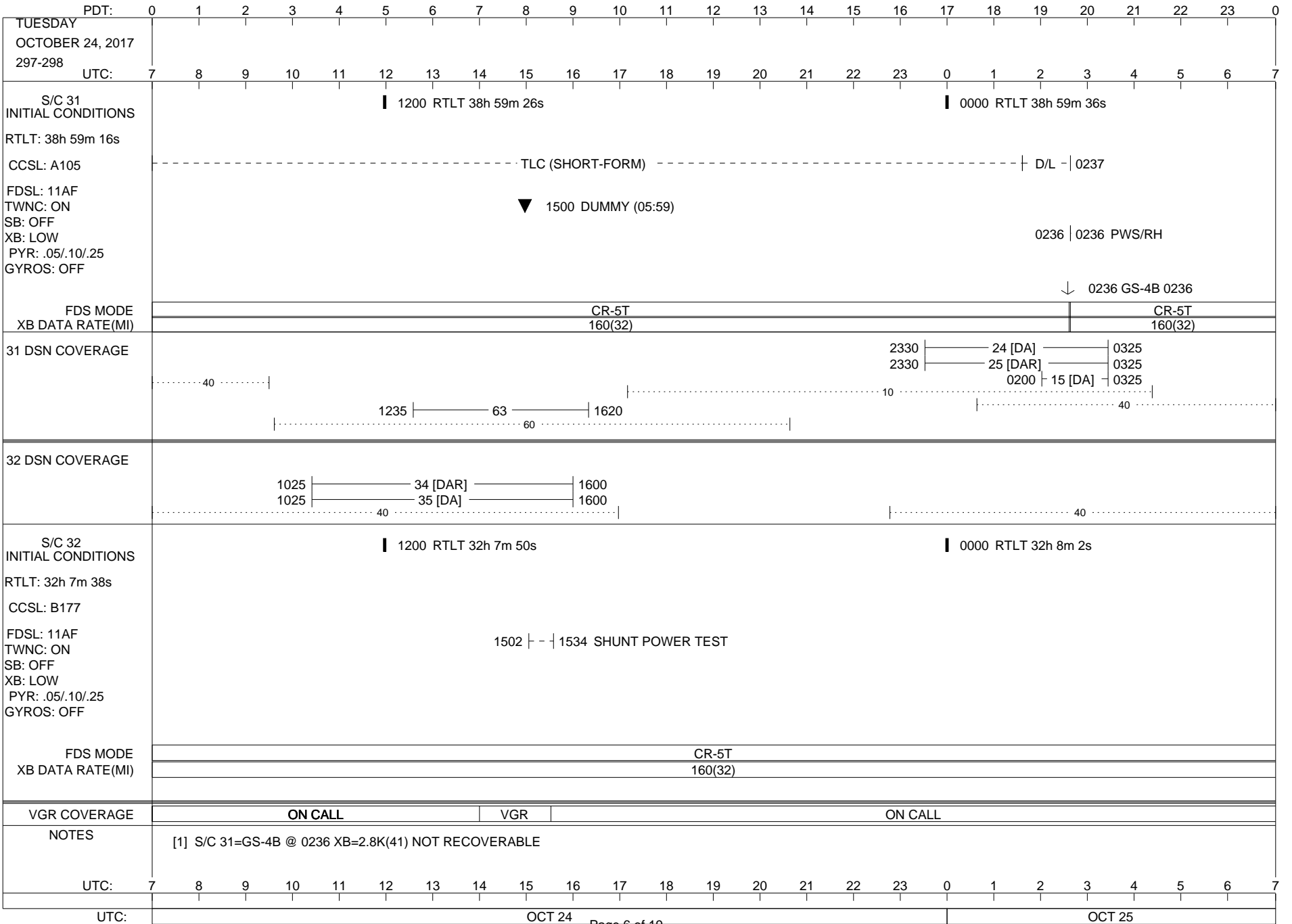
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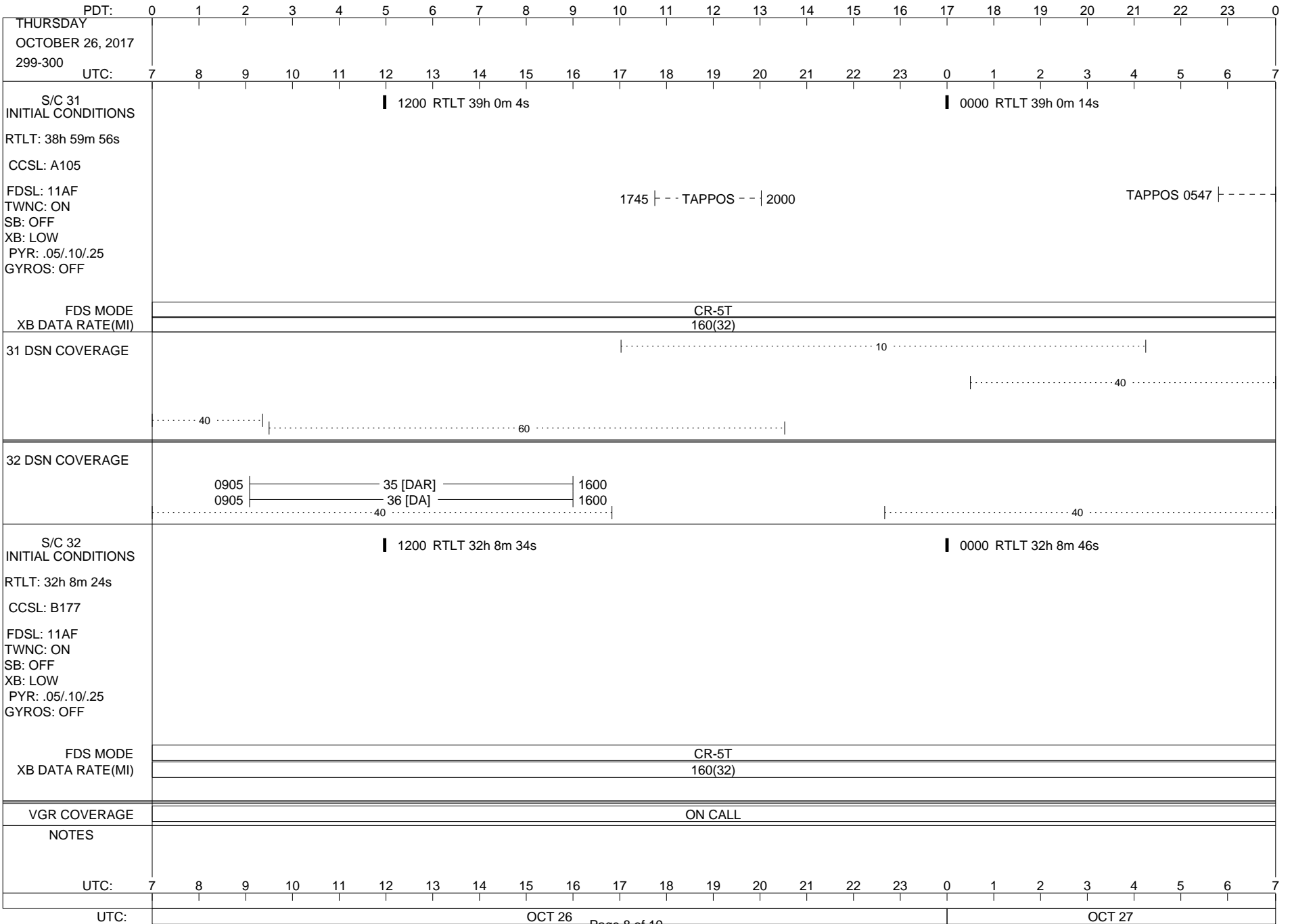
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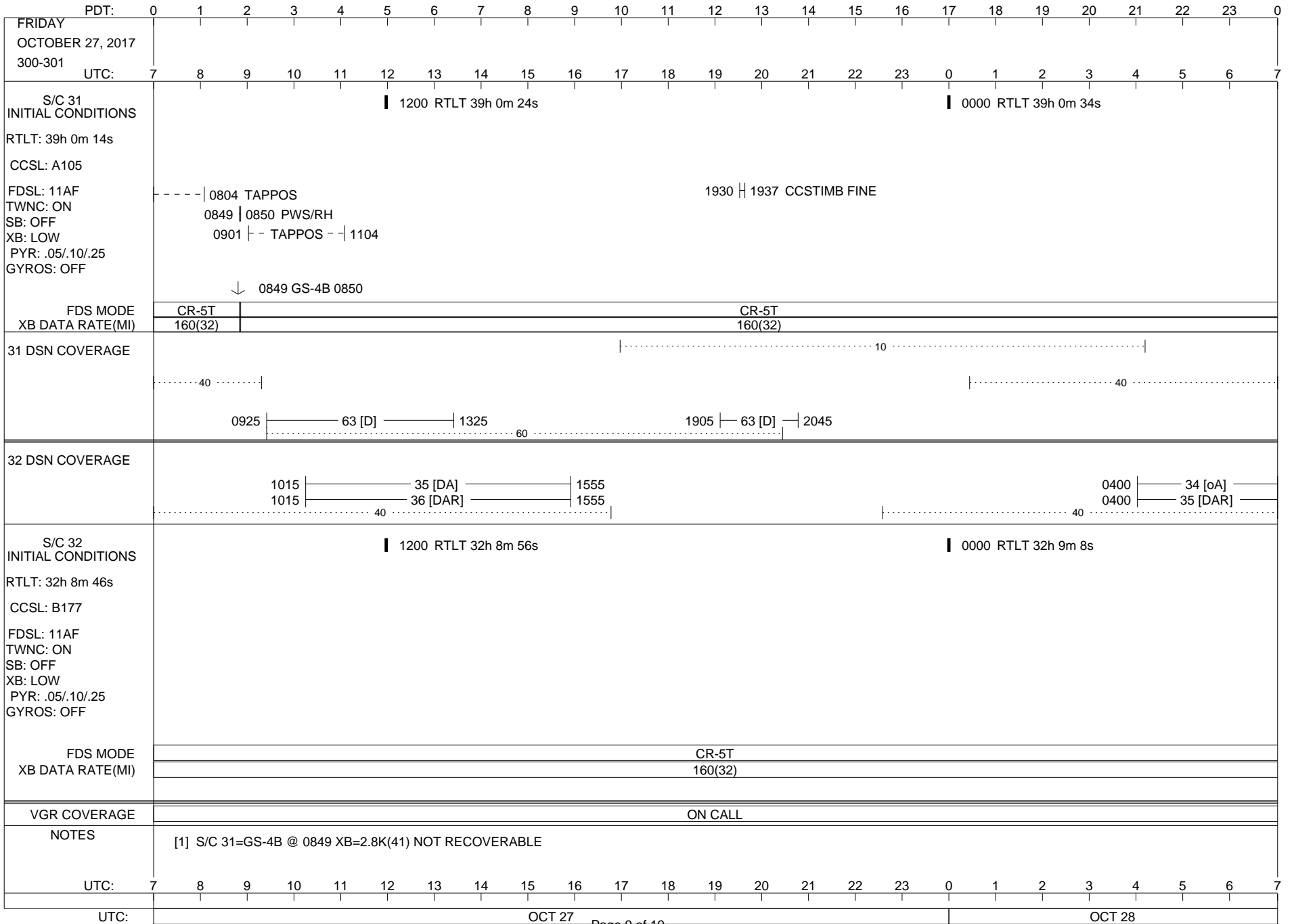
ISSUE DATE: 10/18/17 10:11

PDT: 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																																															
OCTOBER 25, 2017																																															
298-299 UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7																																															
S/C 31 INITIAL CONDITIONS RTLT: 38h 59m 36s CCSL: A105 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF												1200 RTLT 38h 59m 46s												0000 RTLT 38h 59m 56s																							
FDS MODE XB DATA RATE(MI)												CR-5T 160(32)												PB-14 1.4K(39)												CR-5T 160(32)											
31 DSN COVERAGE												1835 ----- 15 [DA] ----- 0155 1835 ----- 24 [DAR] ----- 0155 1835 ----- 25 [DA] ----- 0155 1835 ----- 14 [DA] ----- 0305												40 ----- 60 ----- 10 ----- 40																							
32 DSN COVERAGE												1055 ----- 34 [DAR] ----- 1605 1055 ----- 36 [DA] ----- 1605												40 ----- 40																							
S/C 32 INITIAL CONDITIONS RTLT: 32h 8m 2s CCSL: B177 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF												1200 RTLT 32h 8m 12s												0000 RTLT 32h 8m 24s																							
FDS MODE XB DATA RATE(MI)												CR-5T 160(32)																																			
VGR COVERAGE												ON CALL												VGR												ON CALL											
NOTES												[1] S/C 31=PB-14 @ 1921 XB=1.4K(39)																								[2] S/C 31=CR-5T @ 0156 XB=160(32)											
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7																																															
UTC:												OCT 25												OCT 26																							

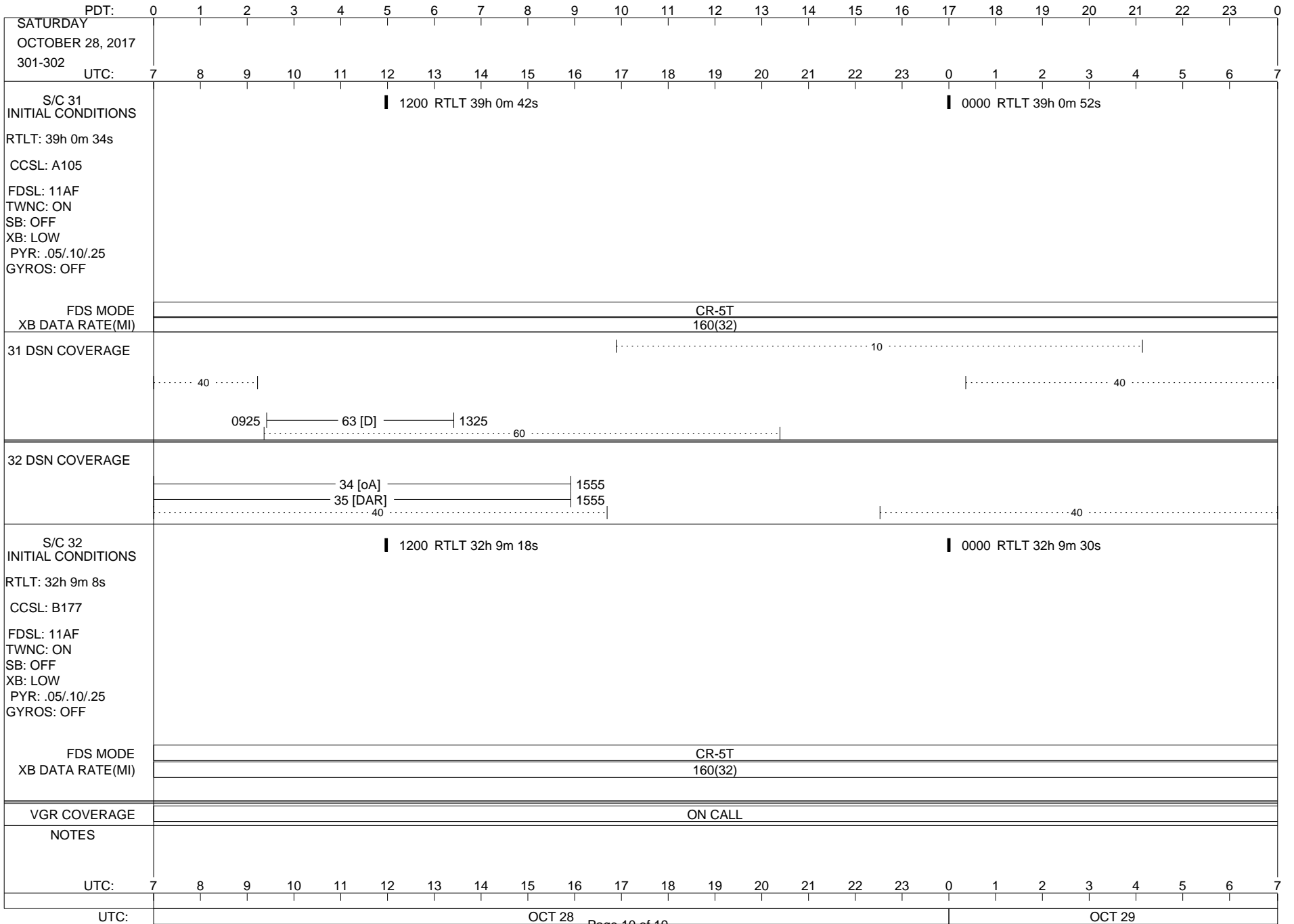
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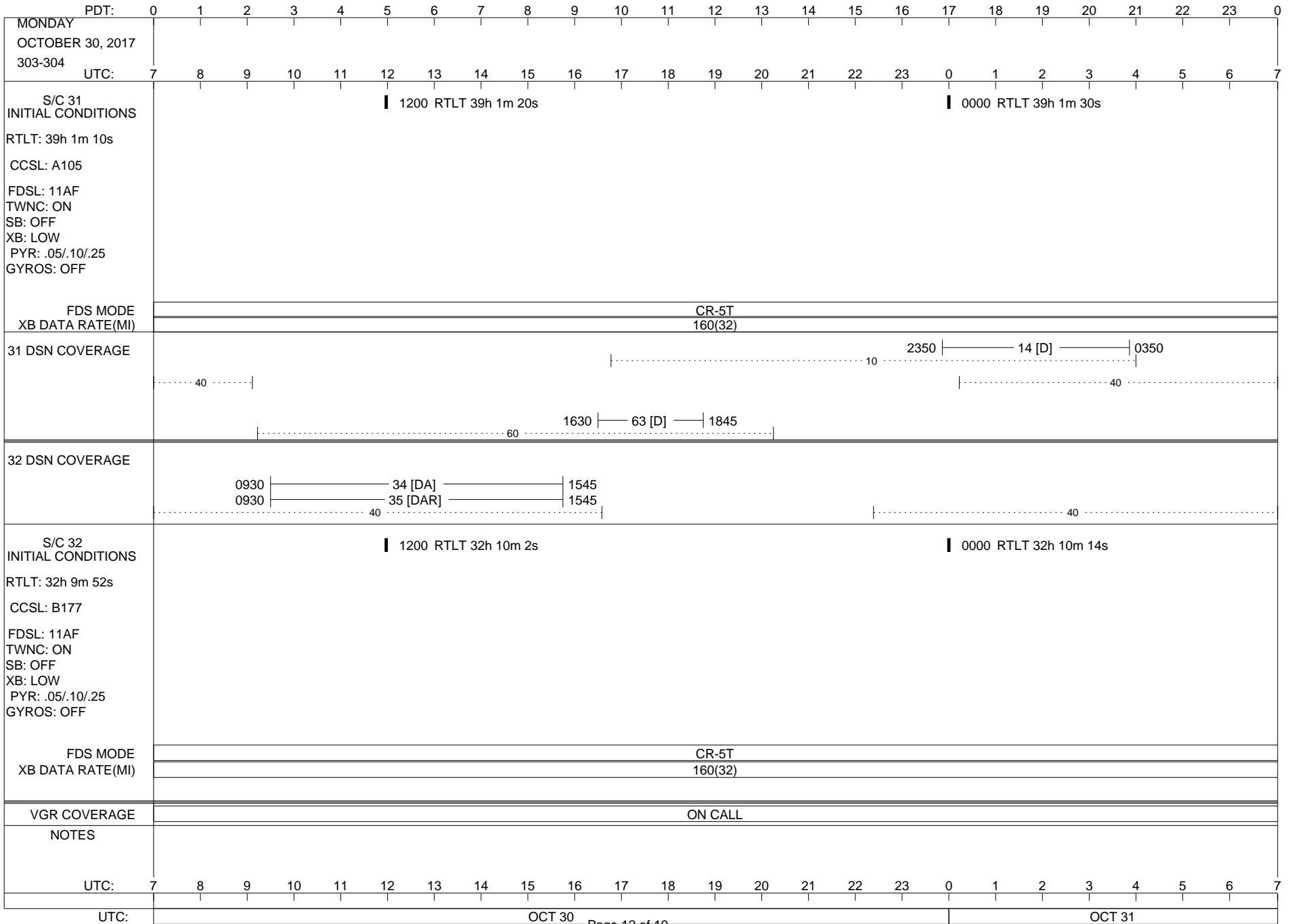
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ISSUE DATE: 10/18/17 10:11

PDT:	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 OCTOBER 29, 2017 302-303																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 39h 0m 52s CCSL: A105 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 1m 2s												0000 RTLT 39h 1m 10s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	0920 ----- 63 [D] ----- 1320 40 60 10 40													
32 DSN COVERAGE	1015 ----- 35 [DA] ----- 1550 1015 ----- 36 [DAR] ----- 1550 40 40																									
S/C 32 INITIAL CONDITIONS RTLTL: 32h 9m 30s CCSL: B177 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 9m 40s												0000 RTLT 32h 9m 52s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE													ON CALL													
NOTES	[1] S/C 31=GS-4B @ 1149 XB=2.8K(41) NOT RECOVERABLE																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
UTC:	OCT 29													OCT 30												

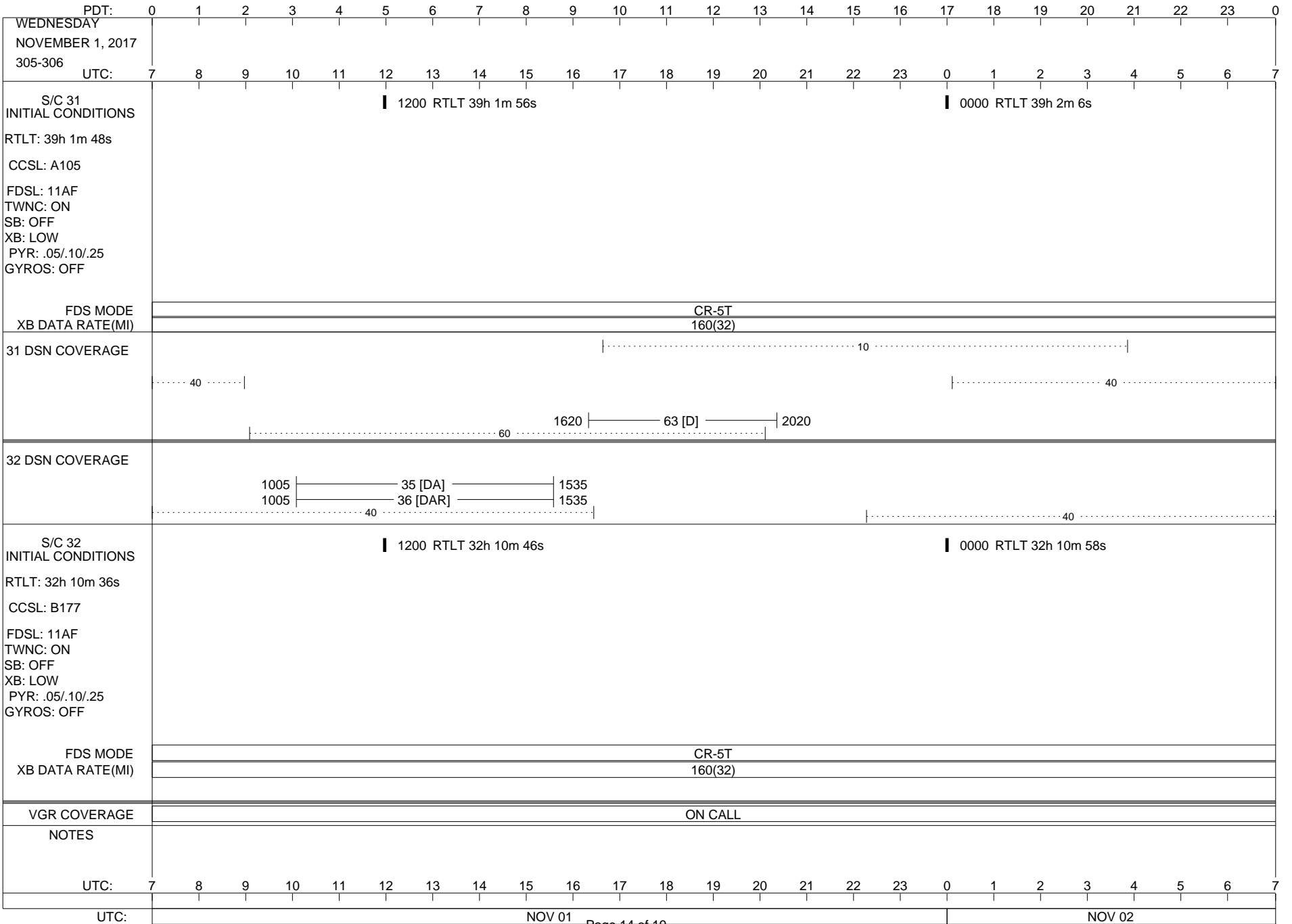
ISSUE DATE: 10/18/17 10:11



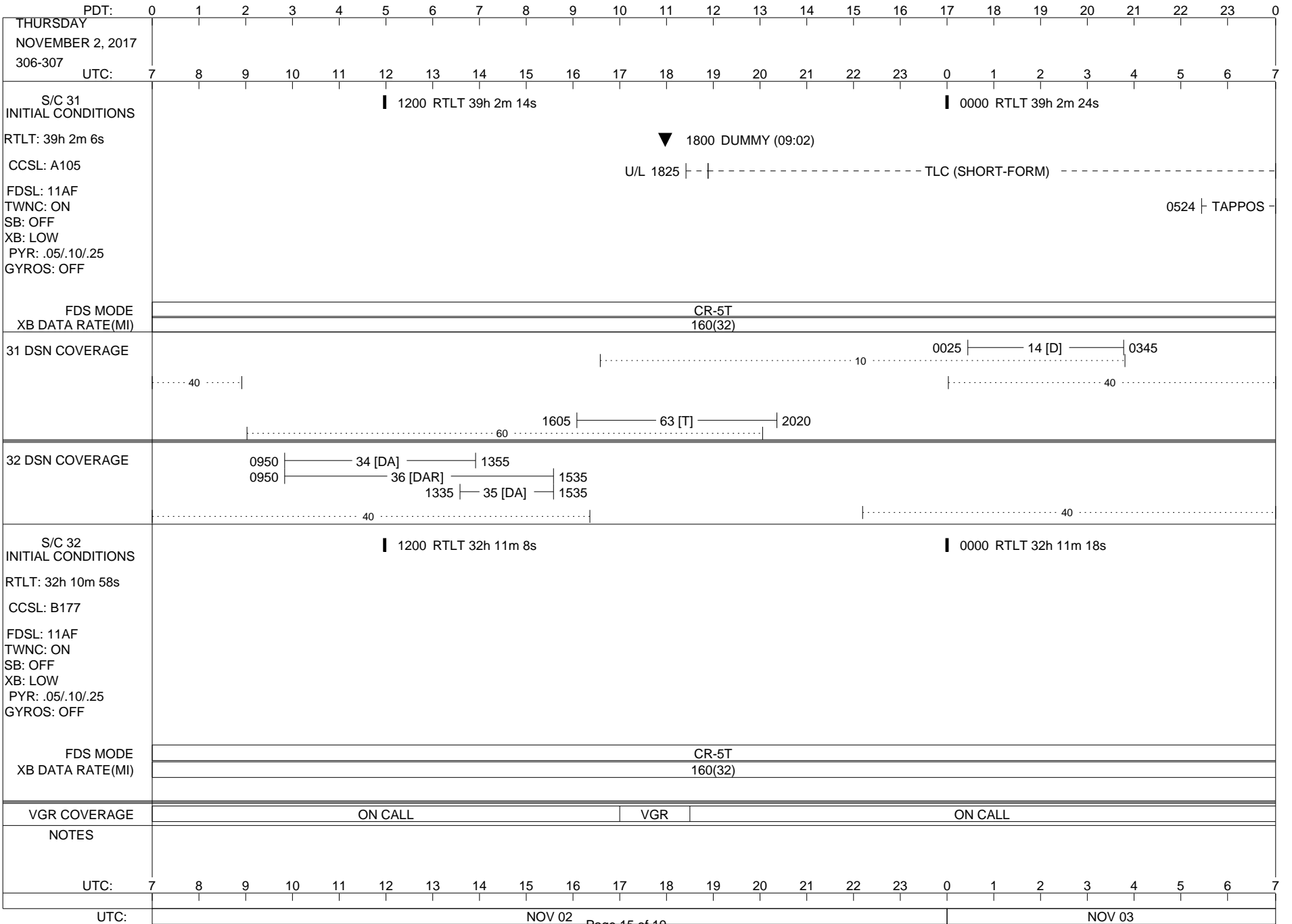
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	
TUESDAY OCTOBER 31, 2017 304-305																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 39h 1m 30s CCSL: A105 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF						█ 1200 RTLT 39h 1m 38s												█ 0000 RTLT 39h 1m 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: 32h 10m 14s CCSL: B177 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF						█ 1200 RTLT 32h 10m 24s												█ 0000 RTLT 32h 10m 36s								
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 @ 0213 XB=2.8K(41) NOT RECOVERABLE																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
UTC:	OCT 31													NOV 01												

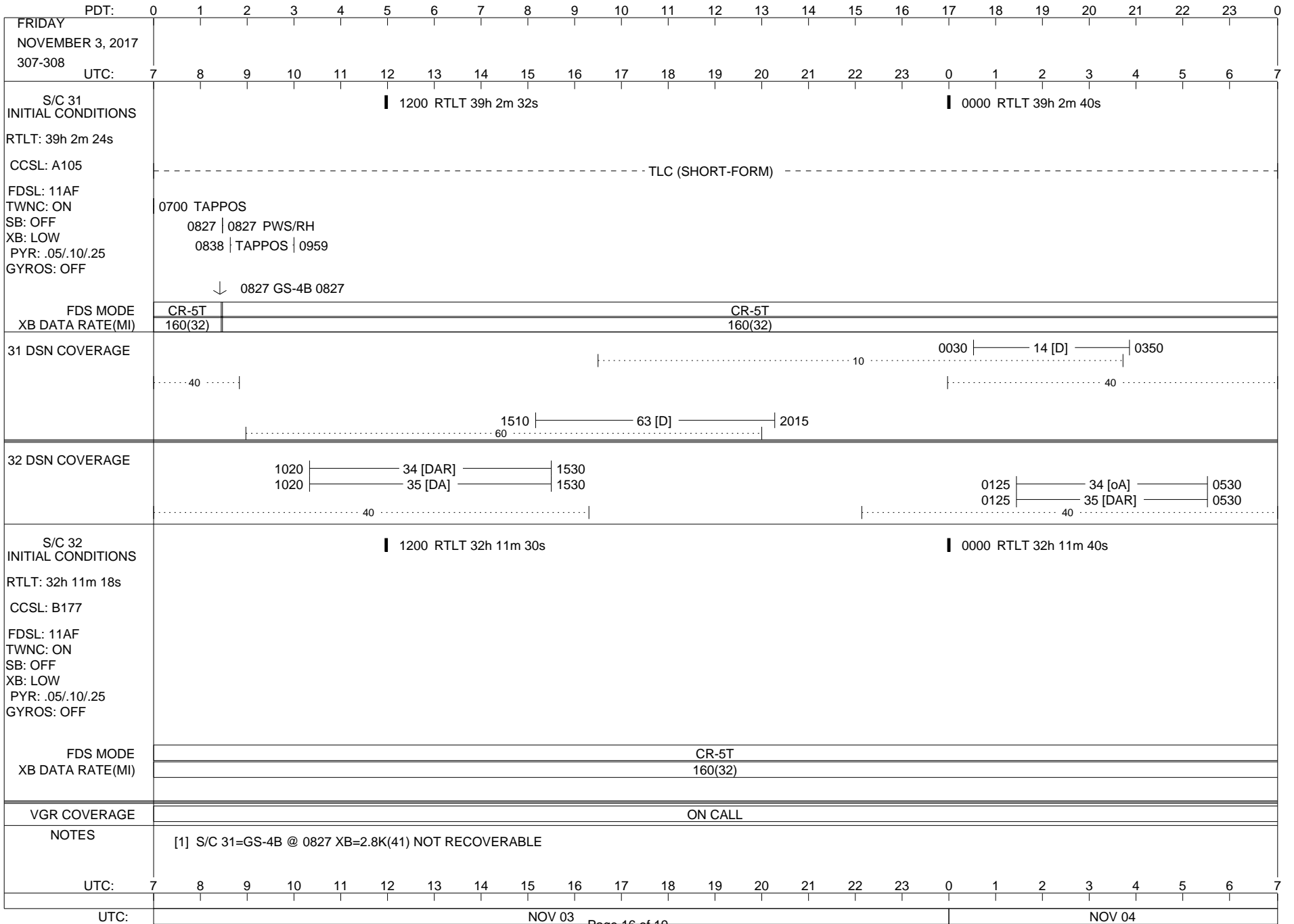
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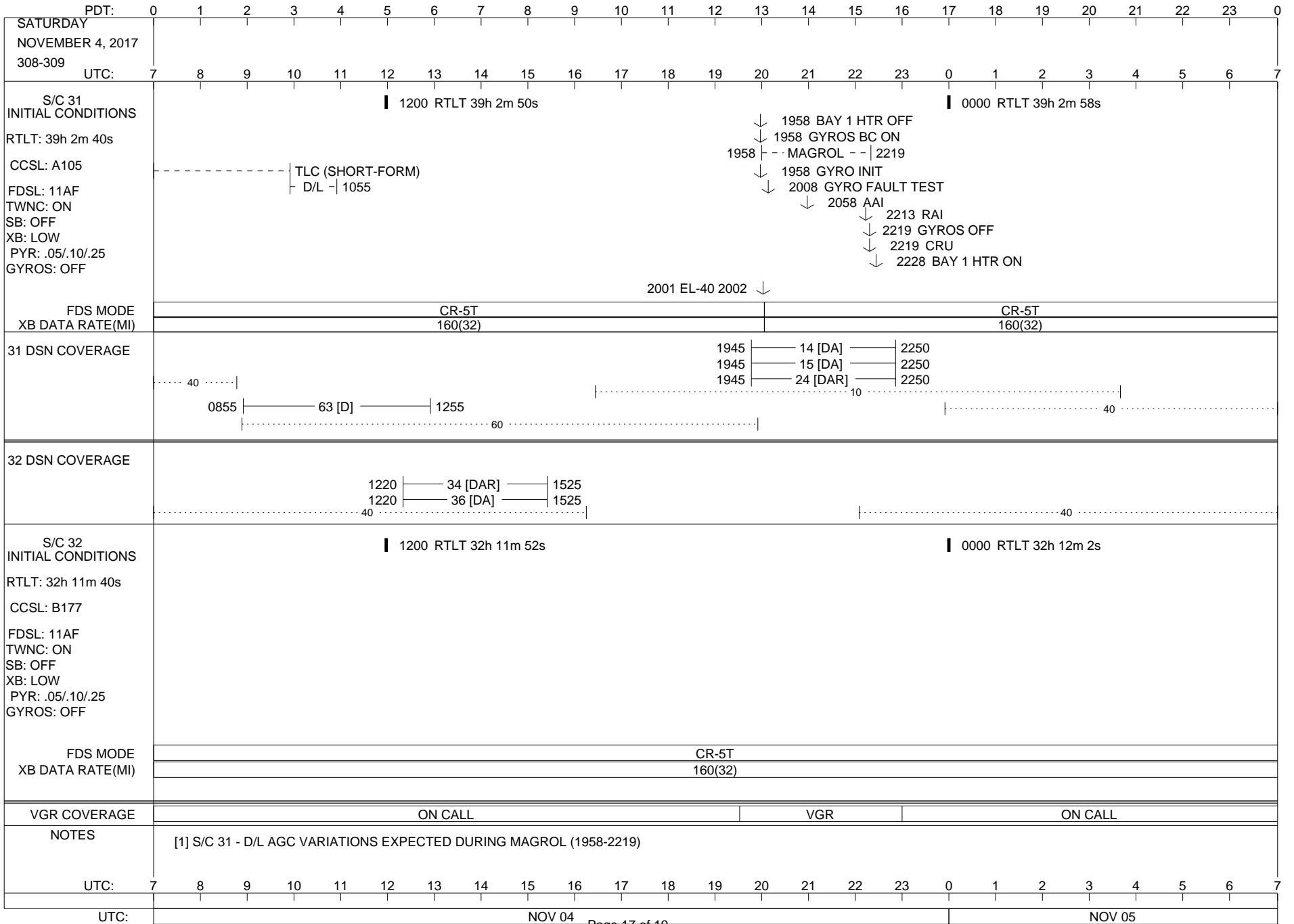
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PDT:	0	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
SUNDAY NOVEMBER 5, 2017 309-310																								
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6
S/C 31 INITIAL CONDITIONS RTLTL: 39h 2m 58s CCSL: A105 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	1200 RTLT 39h 3m 6s												0000 RTLT 39h 3m 16s											
	0824 TAPPOS 0946												1127 1128 PWS/RH											
													1138 - - - - 1246 TAPPOS											
													↓ 1126 GS-4B 1128											
FDS MODE	CR-5T												CR-5T											
XB DATA RATE(MI)	160(32)												160(32)											
31 DSN COVERAGE												 10											
 40 40											
 60												1605 63 [D] 2005											
32 DSN COVERAGE	0915 34 [DA] 1520																							
	0915 35 [DAR] 1520																							
 40 40											
S/C 32 INITIAL CONDITIONS RTLTL: 32h 12m 2s CCSL: B177 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	1200 RTLT 32h 12m 12s												0000 RTLT 32h 12m 24s											
FDS MODE													CR-5T											
XB DATA RATE(MI)													160(32)											
VGR COVERAGE													ON CALL											
NOTES	[1] S/C 31=GS-4B @ 1126 XB=2.8K(41) NOT RECOVERABLE																							
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6
UTC:	NOV 05												NOV 06											

ISSUE DATE: 10/18/17 10:11

PST:	22	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
MONDAY NOVEMBER 6, 2017 310-311	UTC: 6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 39h 3m 16s CCSL: A105 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 39h 3m 24s																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p>.....40..... </p> <p>60..... </p>																										
32 DSN COVERAGE	<p>0940 -----35 [DA]----- 1515</p> <p>0940 -----36 [DAR]----- 1515</p> <p>.....40..... </p>																										
S/C 32 INITIAL CONDITIONS RTLT: 32h 12m 24s CCSL: B177 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 32h 12m 34s																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
VGR COVERAGE	ON CALL																										
NOTES																											
UTC:	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
UTC:	NOV 06																		NOV 07								