

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: October 12, 2016

For the Period: 10/13/16 to 10/31/16 (16-287 – 16-305)

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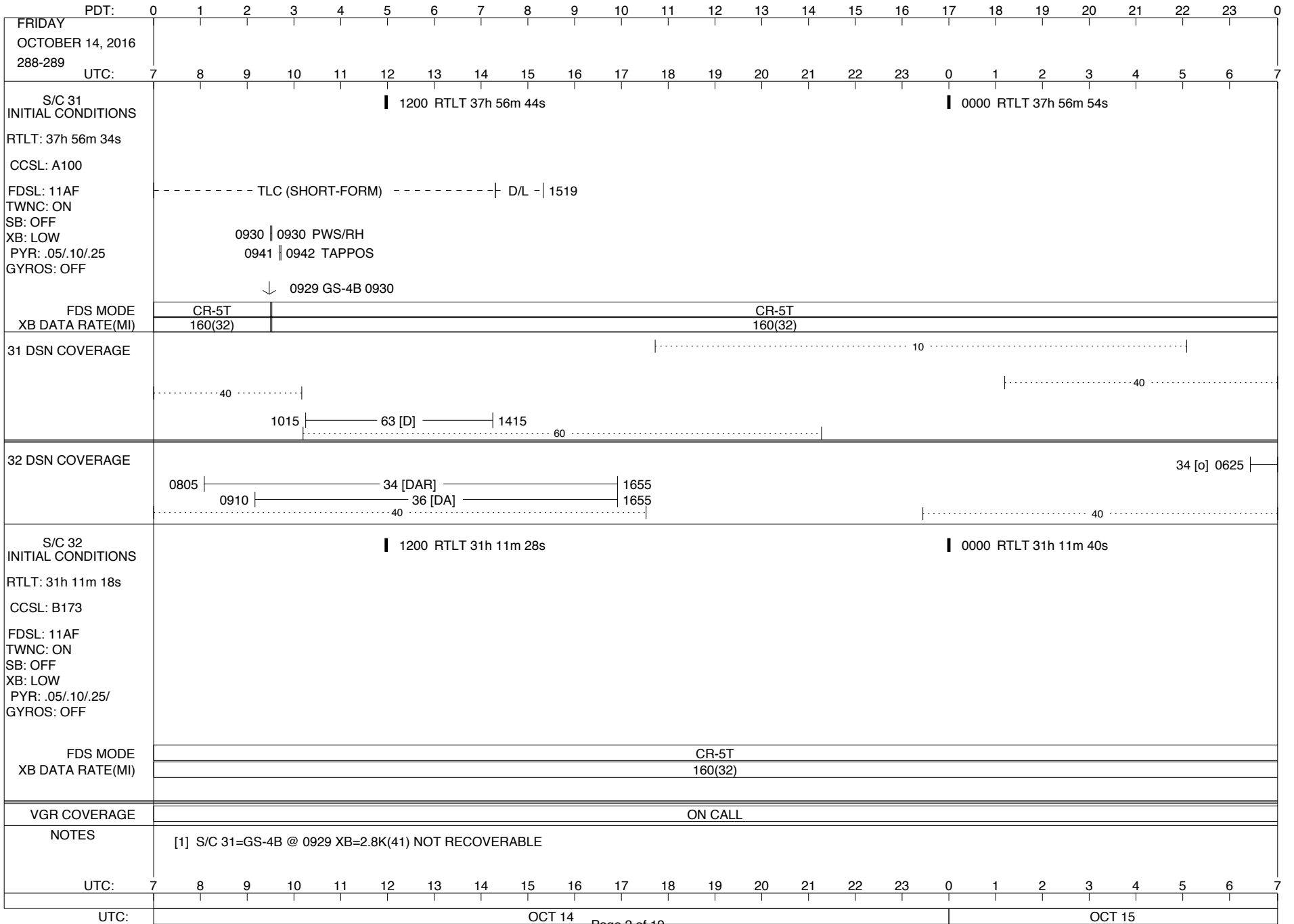
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U =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

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

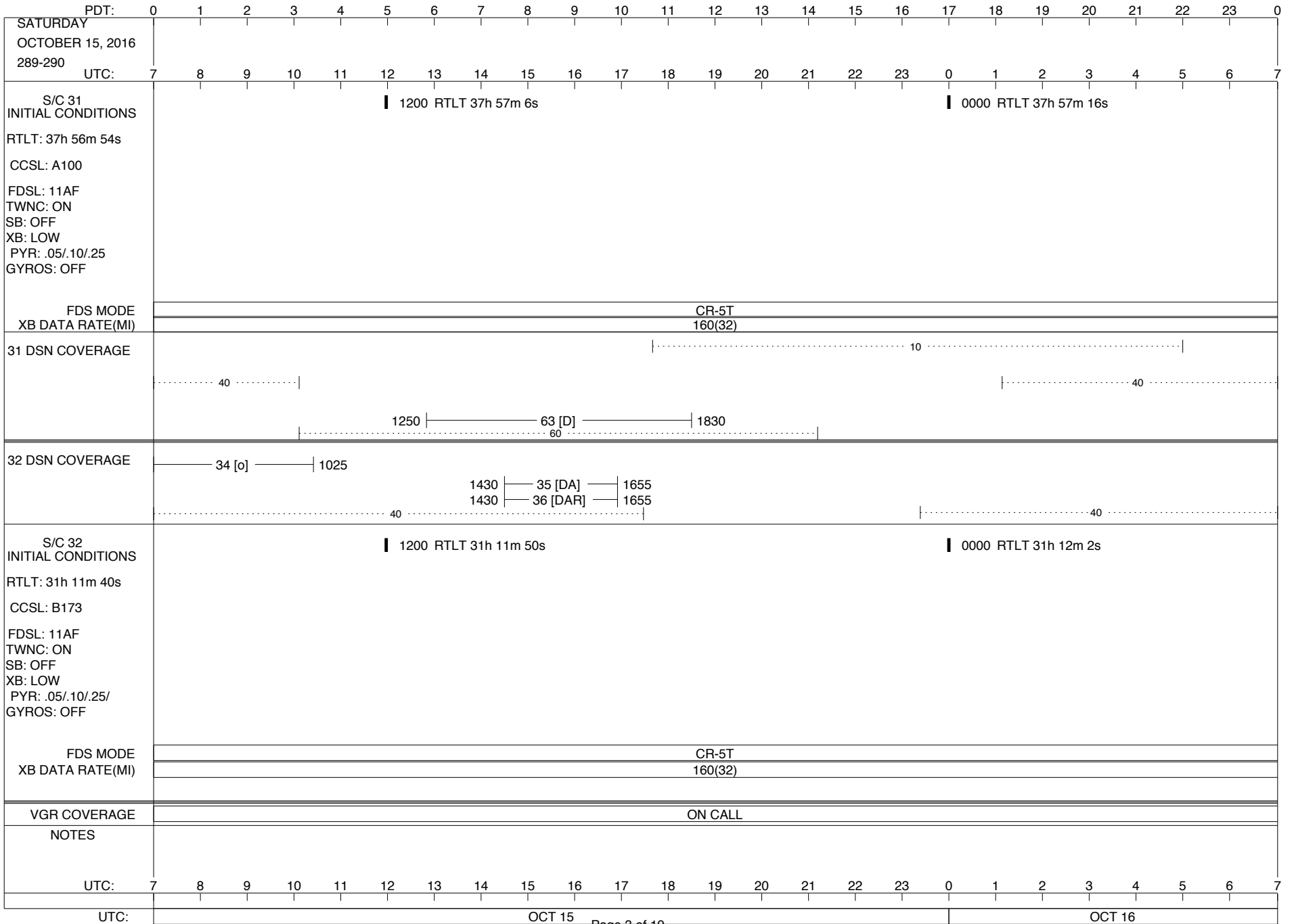
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S/C 31 INITIAL CONDITIONS RTLT: 37h 56m 12s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 56m 24s												0000 RTLT 37h 56m 34s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)													
31 DSN COVERAGE	.....40.....|												1950 |----- 24 [DAR] -----| 2350 1950 |----- 25 [DA] -----| 2350.....10.....|													
32 DSN COVERAGE	|----- 35 [D] -----| 0715 - 1035.....40.....| 1350 |----- 43 [B] -----| 1735												|----- 40.....													
S/C 32 INITIAL CONDITIONS RTLT: 31h 10m 54s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLT 31h 11m 6s												| 0000 RTLT 31h 11m 18s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)													
VGR COVERAGE	ON CALL						VGR						ON CALL													
NOTES	▼ 1427 DUMMY (5 MIN BRACKETED 21:39)																									
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 13												OCT 14													

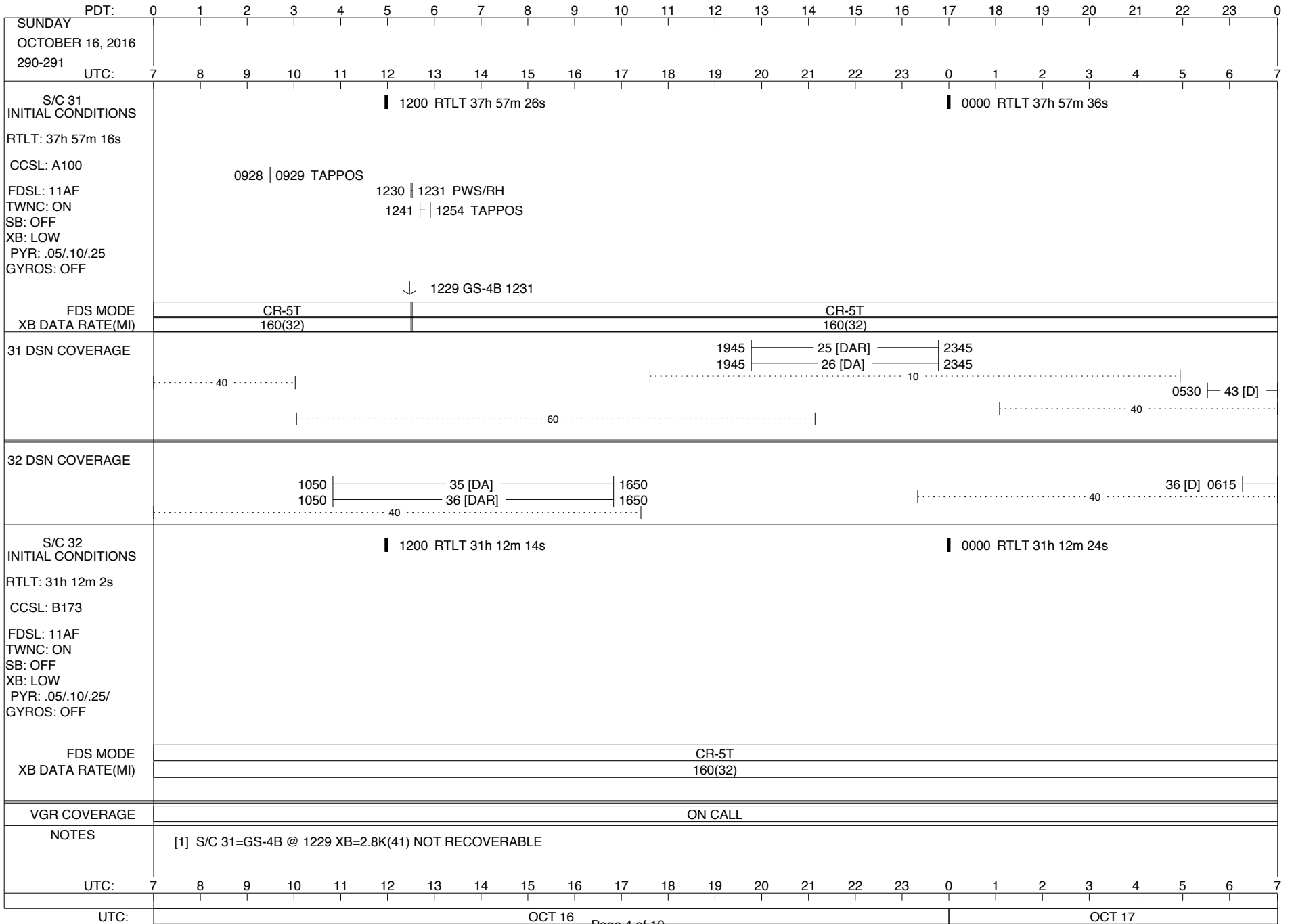
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0		
MONDAY OCTOBER 17, 2016 291-292																											
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S/C 31 INITIAL CONDITIONS RTLT: 37h 57m 36s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 37h 57m 46s												█ 0000 RTLT 37h 57m 58s									
FDS MODE												CR-5T															
XB DATA RATE(MI)												160(32)															
31 DSN COVERAGE												|.....10.....|															
	43 [D] | 0930											|.....40.....|															
	.....40.....|											1945 | 63 [D] | 2120														
	.....40.....|											.....60.....|															
32 DSN COVERAGE	36 [D] | 1020											1410 | 43 [D] | 1710															
	.....40.....|											|.....40.....|															
S/C 32 INITIAL CONDITIONS RTLT: 31h 12m 24s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF						█ 1200 RTLT 31h 12m 36s												█ 0000 RTLT 31h 12m 48s									
FDS MODE												CR-5T															
XB DATA RATE(MI)												160(32)															
VGR COVERAGE												ON CALL															
NOTES																											
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 17														OCT 18												

ISSUE DATE: 10/19/16 07:23

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 18, 2016
292-293
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: 37h 57m 58s
CCSL: A101
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF
1200 RTLT 37h 58m 8s
0000 RTLT 37h 58m 18s
1549 IMPLEMENT ECR 114355 START TBL
1550 | 1554 IMPLEMENT ECR 114373 E-0296 SAMPLING
1628 | - | 1700 SHUNT POWER TEST
1633 | | 1647 LR DTR SLEW
1648 | 1649 PWSREC W/O MODE CHG
1650 SW TRK
1651 | 1652 HR DTR SLEW
1653 TRK CHG
0253 | 0254 PWS/RH
0253 GS-4B 0254

FDS MODE
XB DATA RATE(MI)
CR-5T
160(32)
CR-5T
160(32)

31 DSN COVERAGE
40
0115 | 43 [D] | 0300
1435 | 63 [D] | 2120
..... 60

32 DSN COVERAGE
1300 | 43 [D] | 1715
..... 40

S/C 32
INITIAL CONDITIONS
RTLT: 31h 12m 48s
CCSL: B173
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25/
GYROS: OFF
1200 RTLT 31h 12m 58s
0000 RTLT 31h 13m 10s
0447 - 0630 | PLSCAL - |
0447 | - MAGCAL - -
0447 | - PESCAL - -

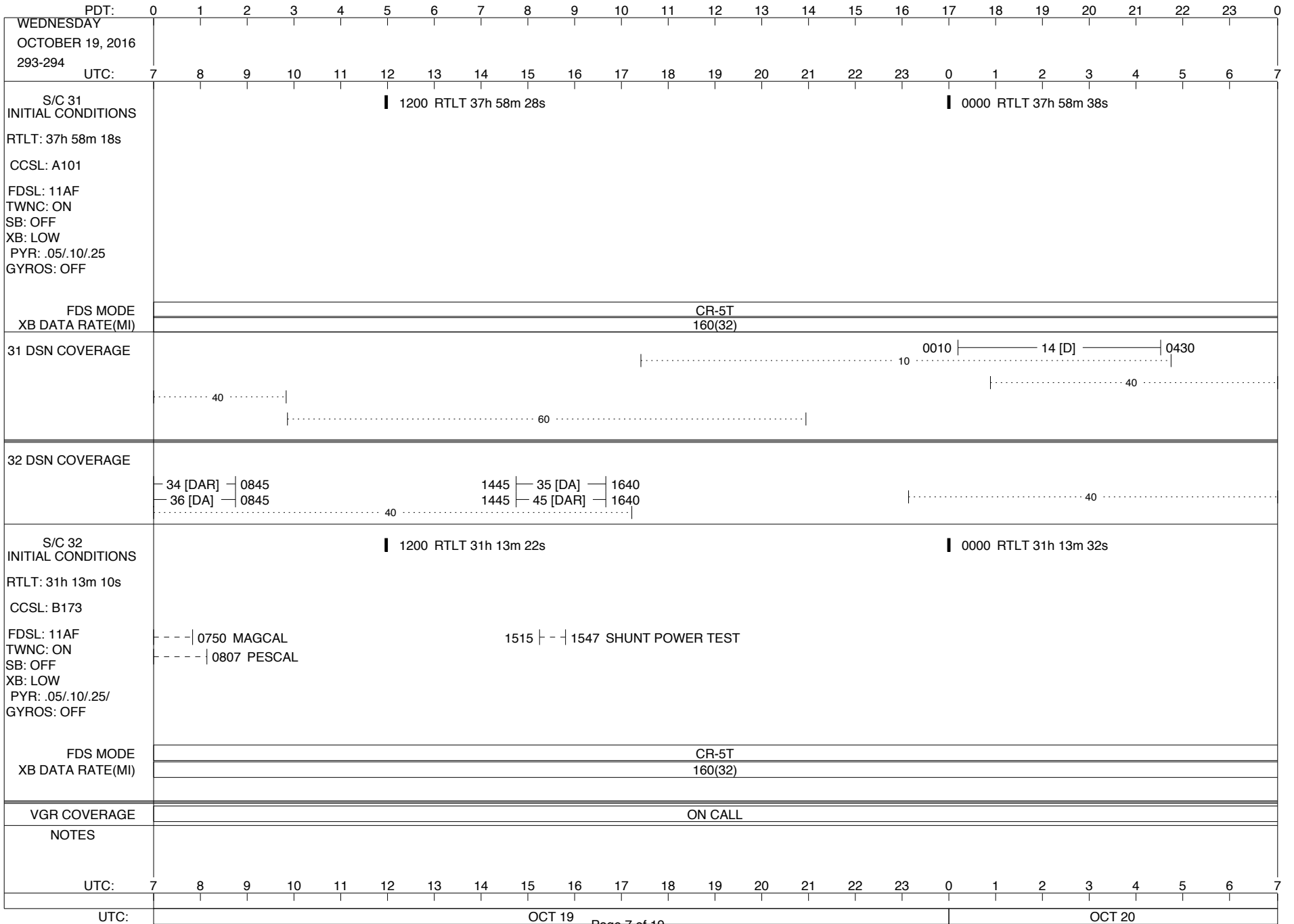
FDS MODE
XB DATA RATE(MI)
CR-5T
160(32)

VGR COVERAGE
ON CALL
VGR
ON CALL

NOTES
[1] S/C 31=GS-4B @ 0253 XB=2.8K(41) NOT RECOVERABLE

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UTC: OCT 18 OCT 19

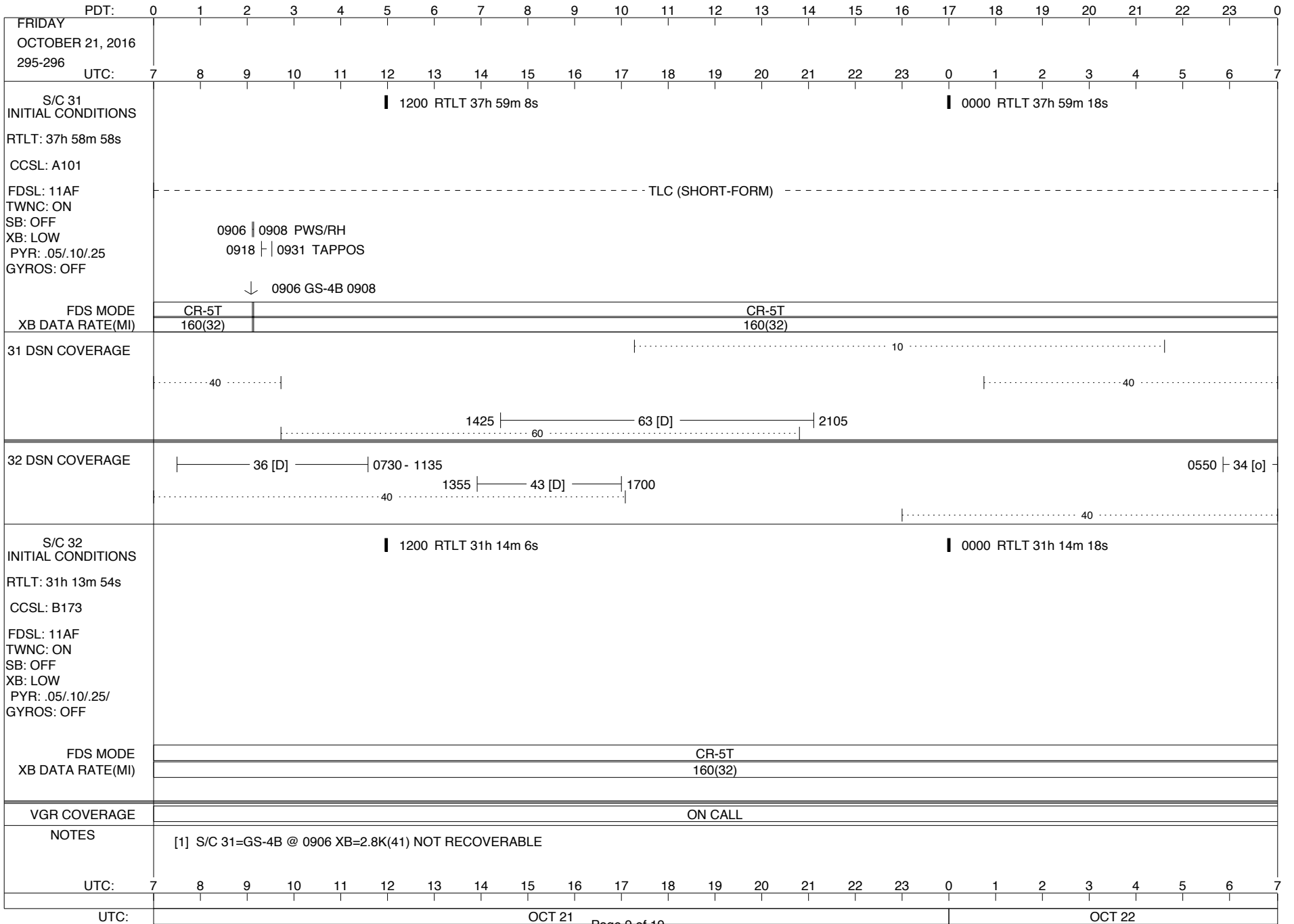
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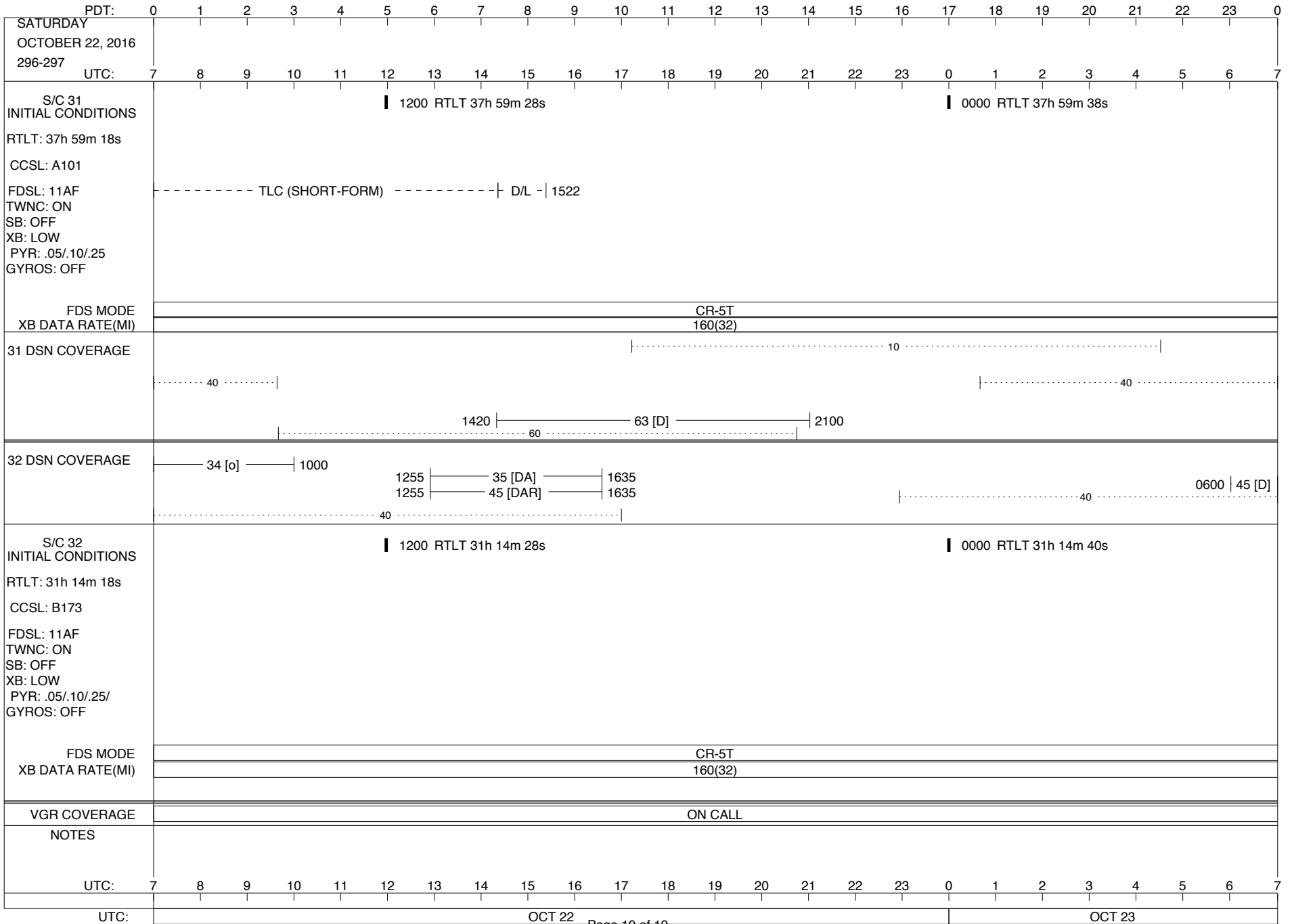
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THURSDAY OCTOBER 20, 2016 294-295																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 37h 58m 38s CCSL: A101 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						1200												0000							
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 31h 13m 32s CCSL: B173 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:	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:																									

ISSUE DATE: 10/19/16 07:23

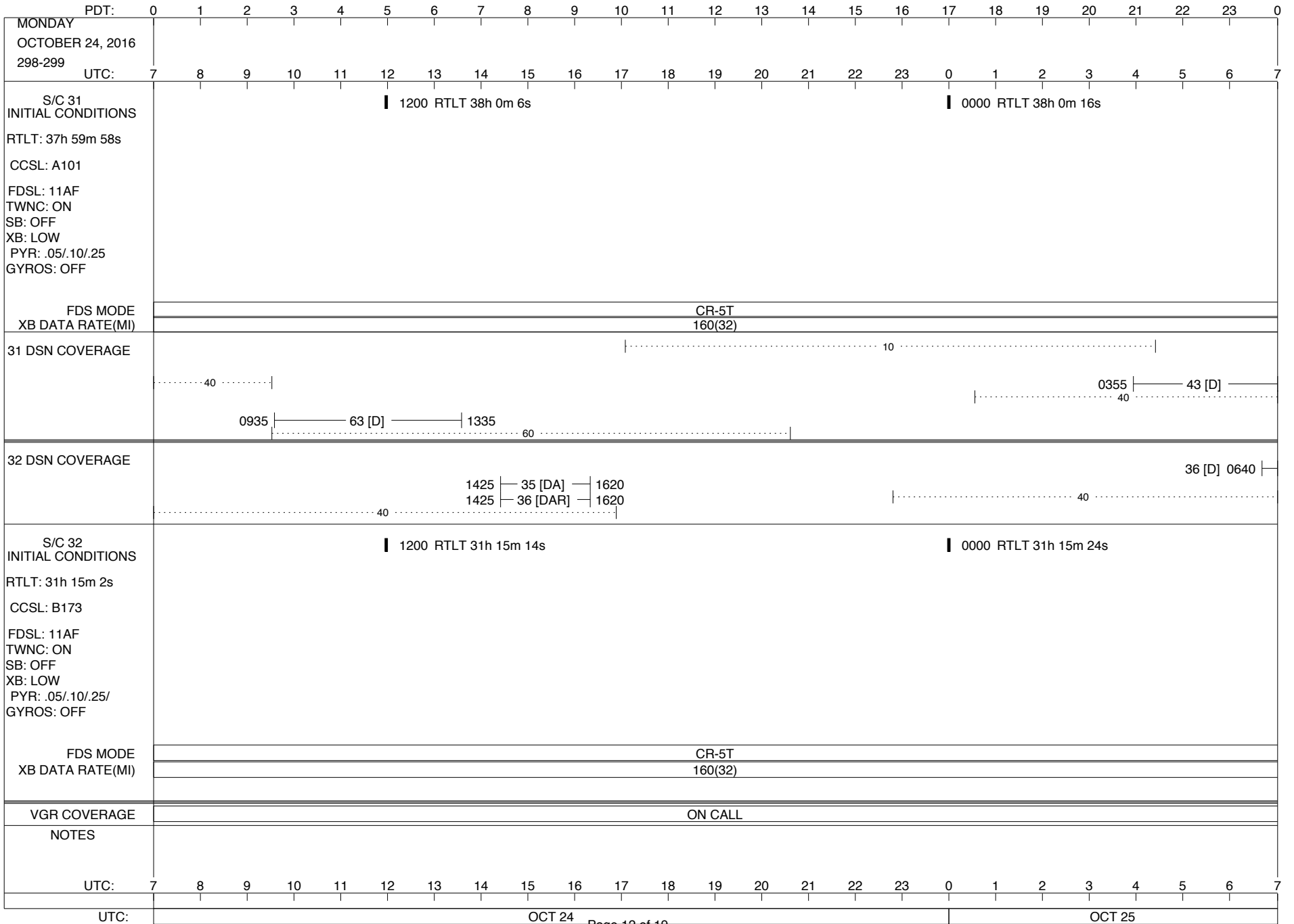


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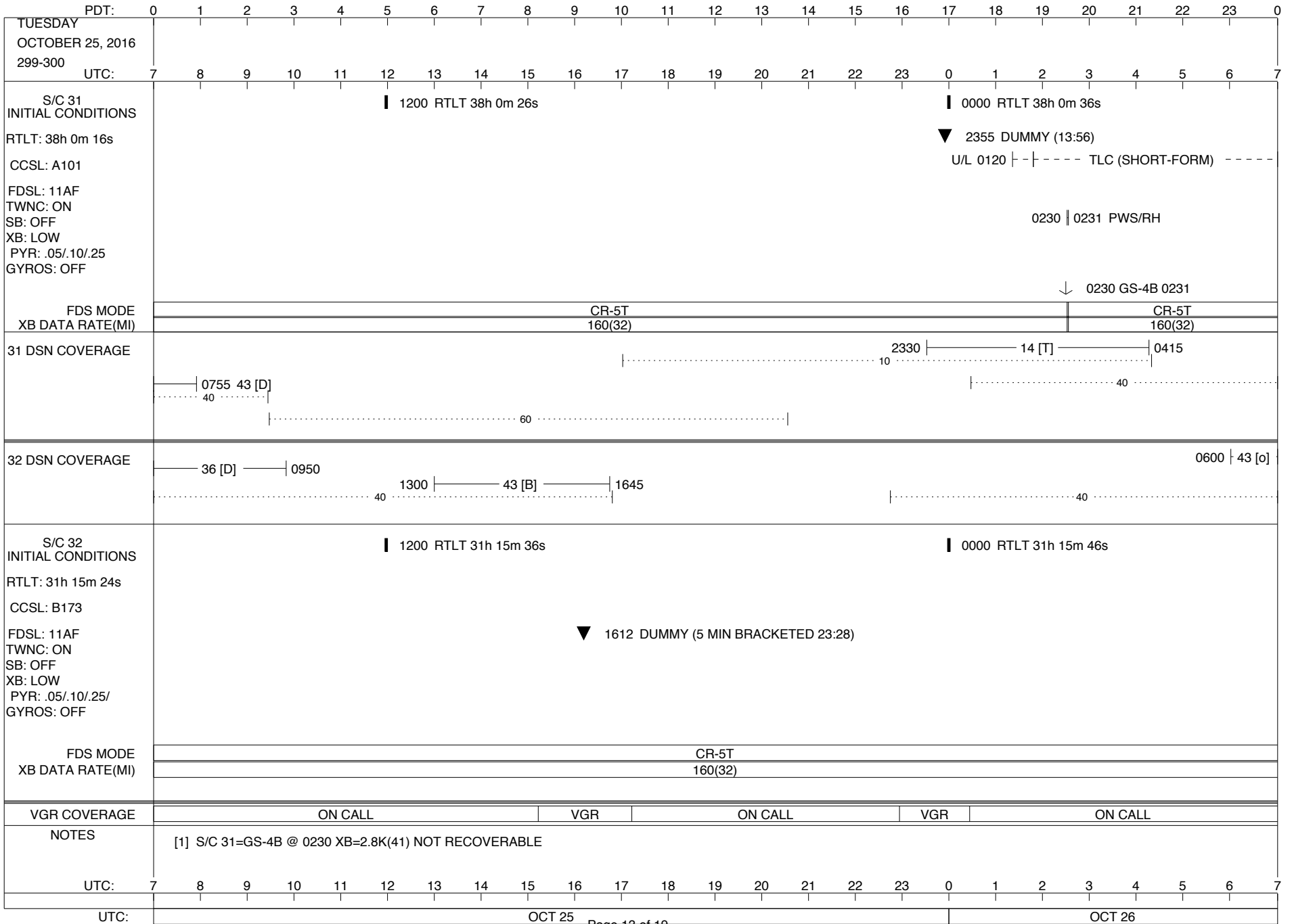


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SUNDAY OCTOBER 23, 2016 297-298																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 37h 59m 38s CCSL: A101 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 59m 48s											0000 RTLT 37h 59m 58s														
	0905 | 0917 TAPPOS											1206 | 1208 PWS/RH 1218 | 1245 TAPPOS														
	↓ 1206 GS-4B 1208																									
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)											CR-5T 160(32)														
31 DSN COVERAGE	1710 |-----| 2210 |-----| 10											14 [D]														
	.....40.....											.....40.....												
	|-----| 60																									
32 DSN COVERAGE	45 [D] |-----| 1000											1345 |-----| 1655 43 [D]														
	.....40.....											2320 |-----| 0320 34 [DAR] 2320 |-----| 0320 45 [DA]													
	.....40.....																								
S/C 32 INITIAL CONDITIONS RTLTL: 31h 14m 40s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 31h 14m 50s											0000 RTLT 31h 15m 2s														
FDS MODE XB DATA RATE(MI)												CR-5T 160(32)														
VGR COVERAGE												ON CALL														
NOTES	[1] S/C 31=GS-4B @ 1206 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 23													OCT 24												

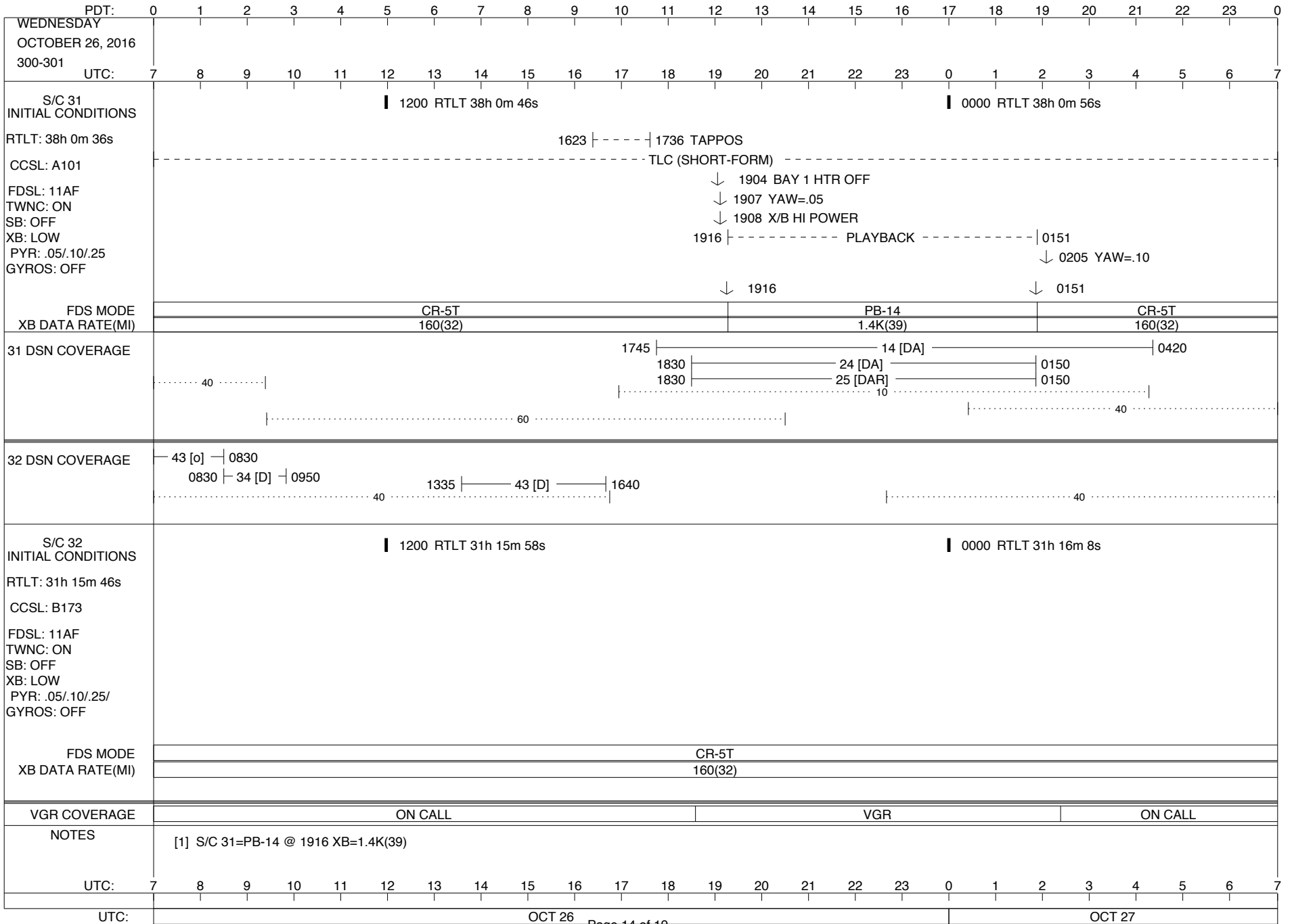
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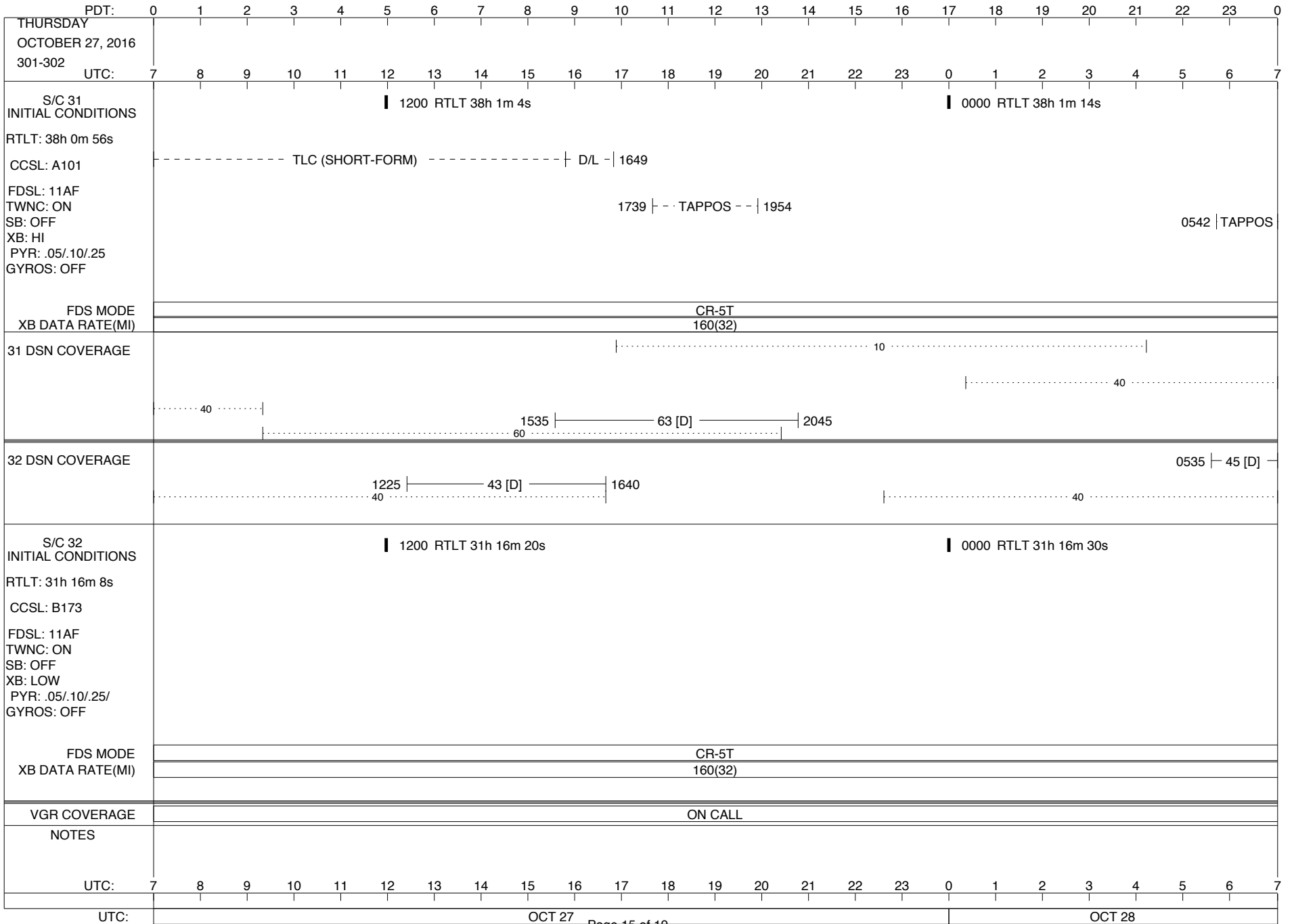
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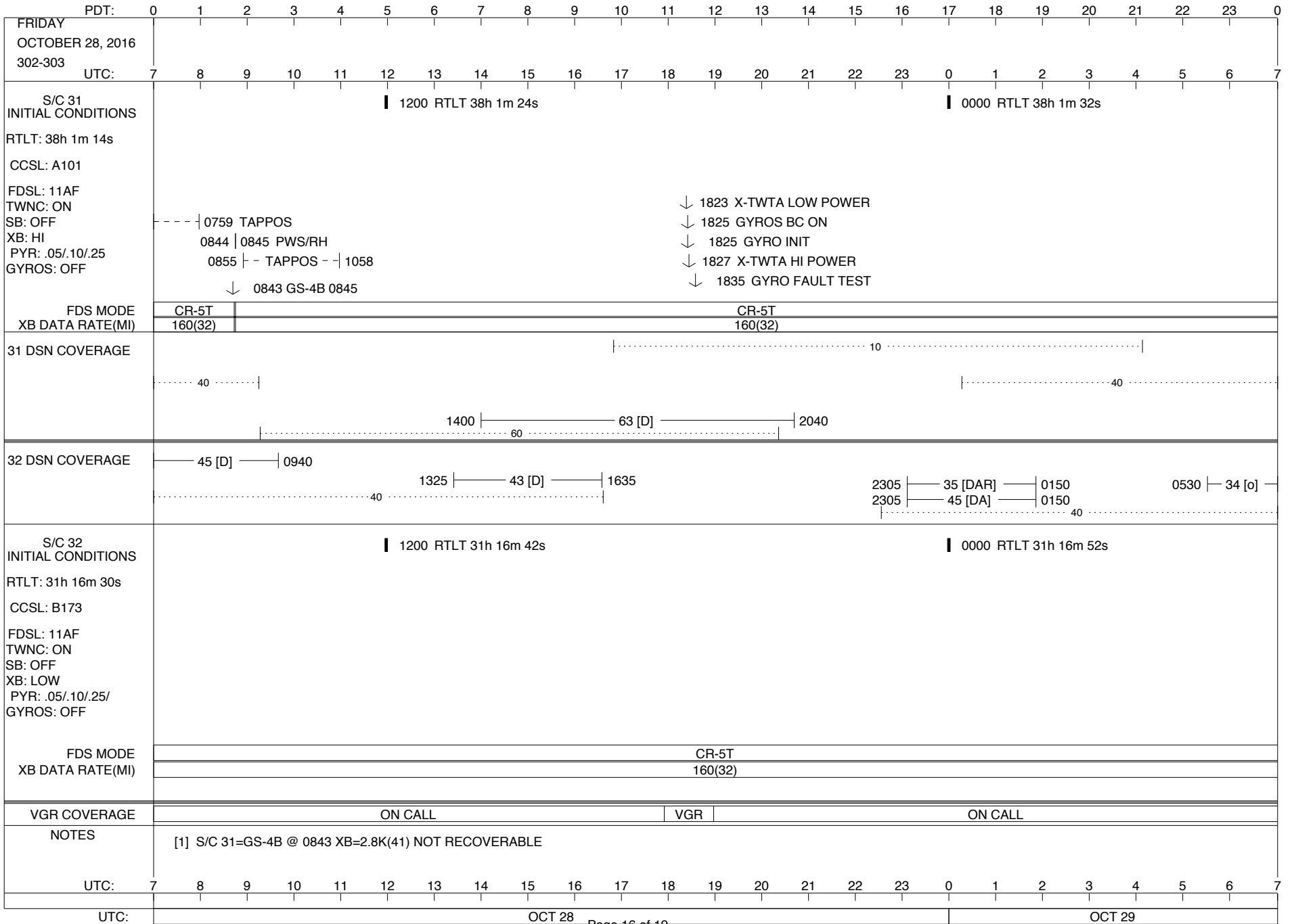


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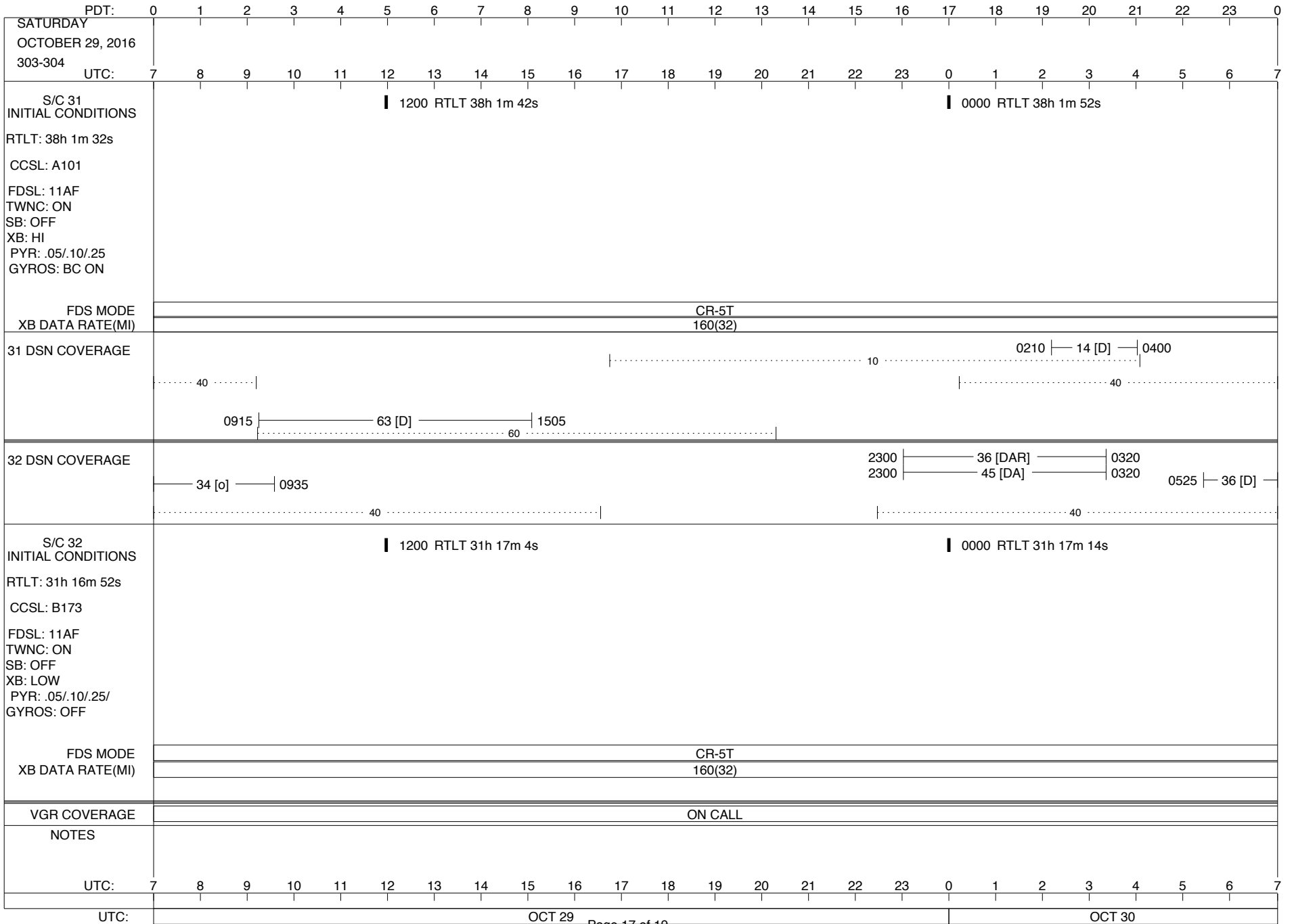


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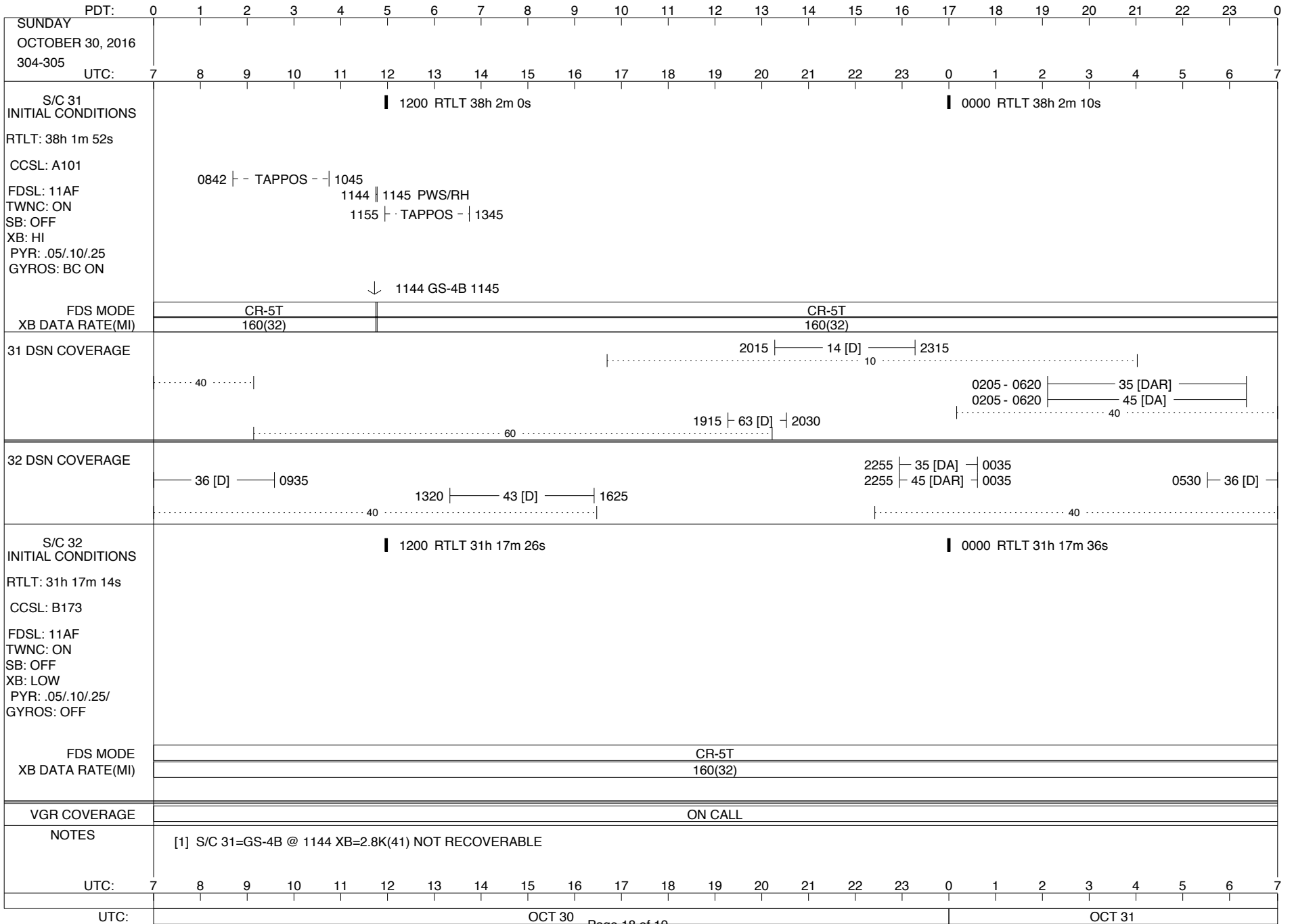




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