

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: October 14, 2015

For the Period: 10/15/15 to 11/02/15 (15-288 – 15-306)

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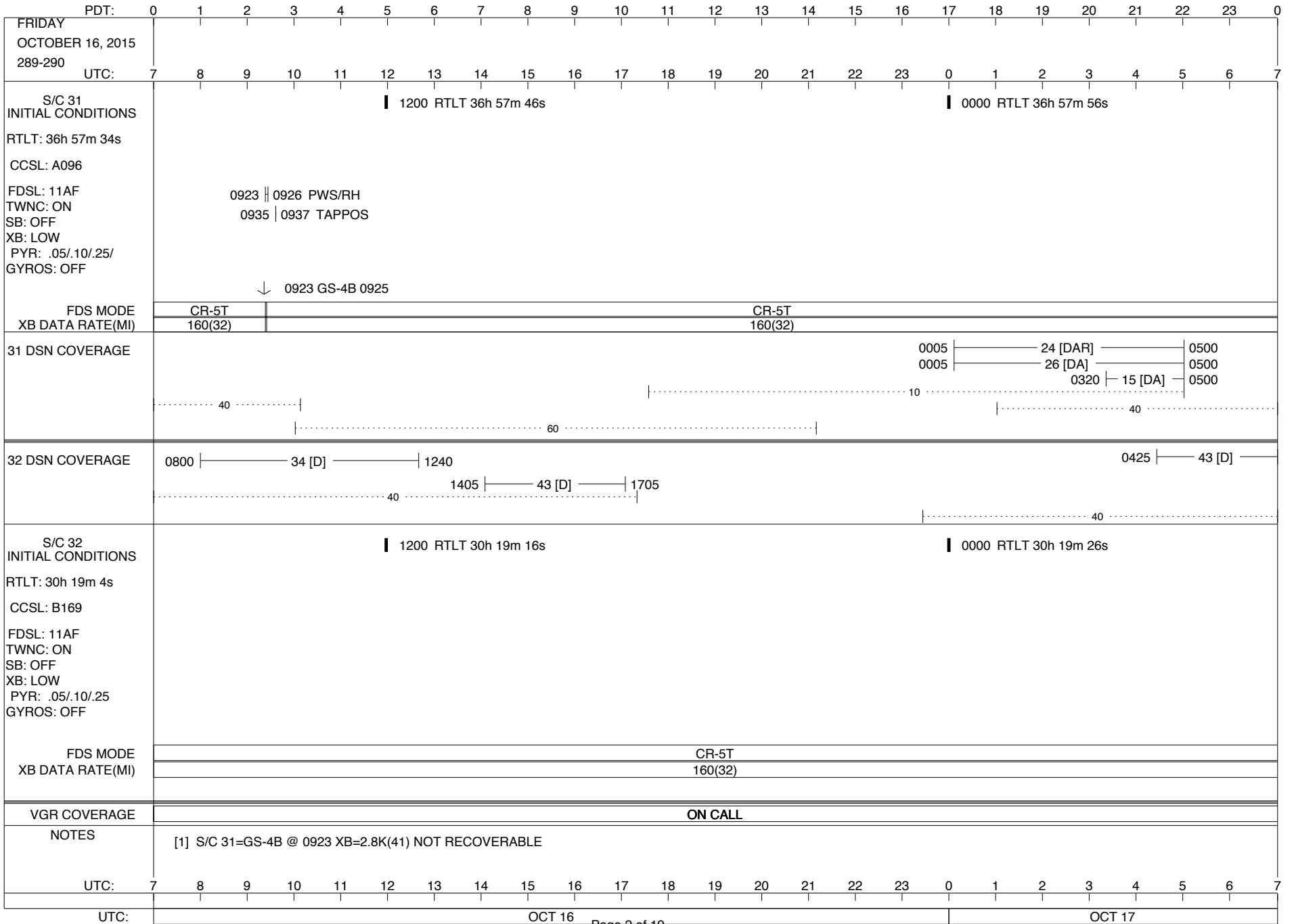
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U =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

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

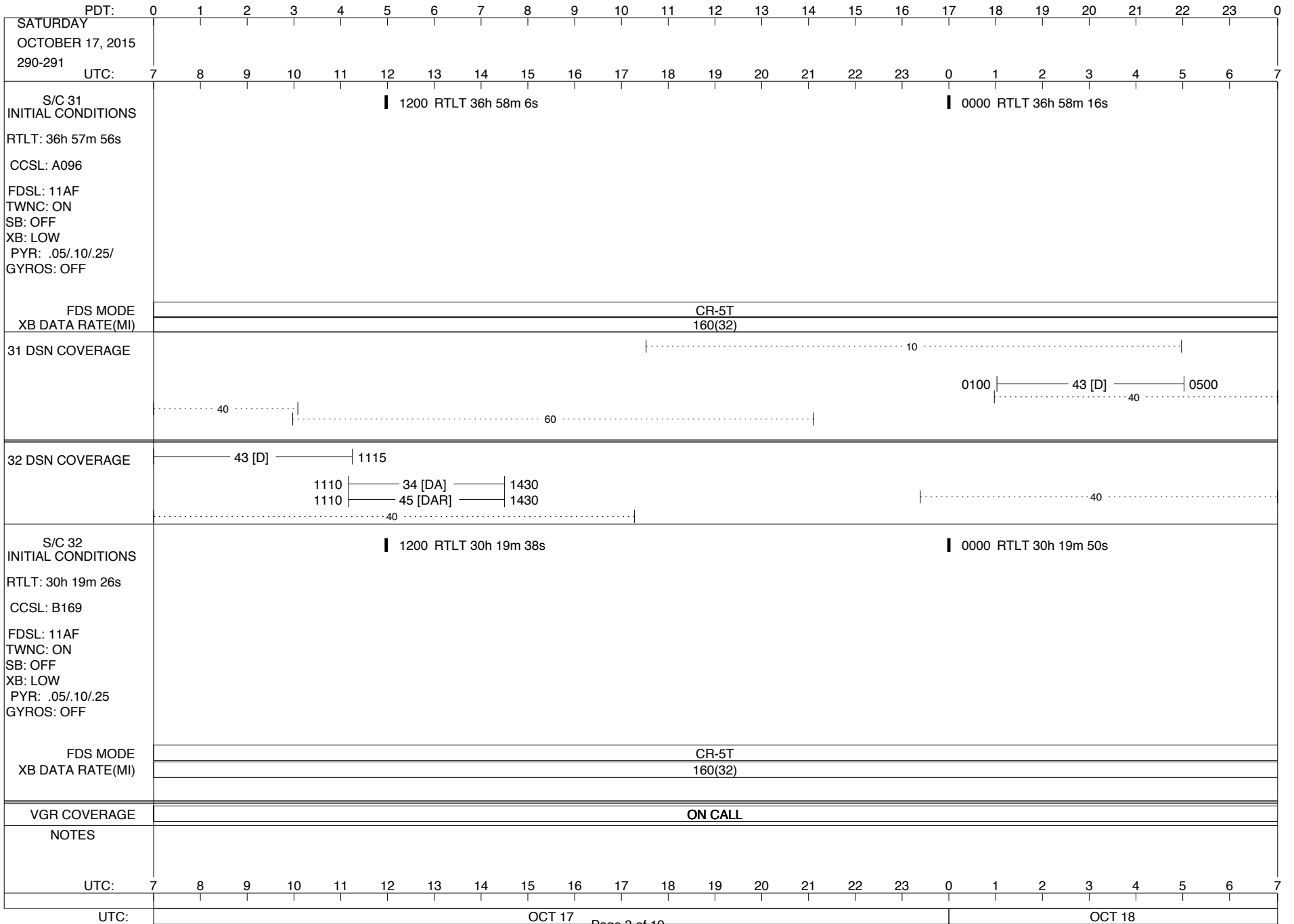
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THURSDAY OCTOBER 15, 2015 288-289																												
S/C 31 INITIAL CONDITIONS RTLT: 36h 57m 14s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 36h 57m 24s												0000 RTLT 36h 57m 34s															
FDS MODE XB DATA RATE(MI)															CR-5T 160(32)													
31 DSN COVERAGE	<p>Timeline for 31 DSN COVERAGE:</p> <ul style="list-style-type: none"> 0025 to 0505: 24 [DA] 0025 to 0505: 26 [DAR] 0320 to 0505: 15 [DA] 40 to 60: (Dotted line) 60 to 10: (Dotted line) 10 to 40: (Dotted line) 																											
32 DSN COVERAGE	<p>Timeline for 32 DSN COVERAGE:</p> <ul style="list-style-type: none"> 0845 to 1245: 34 [D] 1455 to 1710: 35 [DA] 1455 to 1710: 34 [DAR] 40 to 60: (Dotted line) 60 to 10: (Dotted line) 10 to 40: (Dotted line) 																											
S/C 32 INITIAL CONDITIONS RTLT: 30h 18m 42s CCSL: B169 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 18m 52s												0000 RTLT 30h 19m 4s															
FDS MODE XB DATA RATE(MI)															CR-5T 160(32)													
VGR COVERAGE	ON CALL																											
NOTES																												
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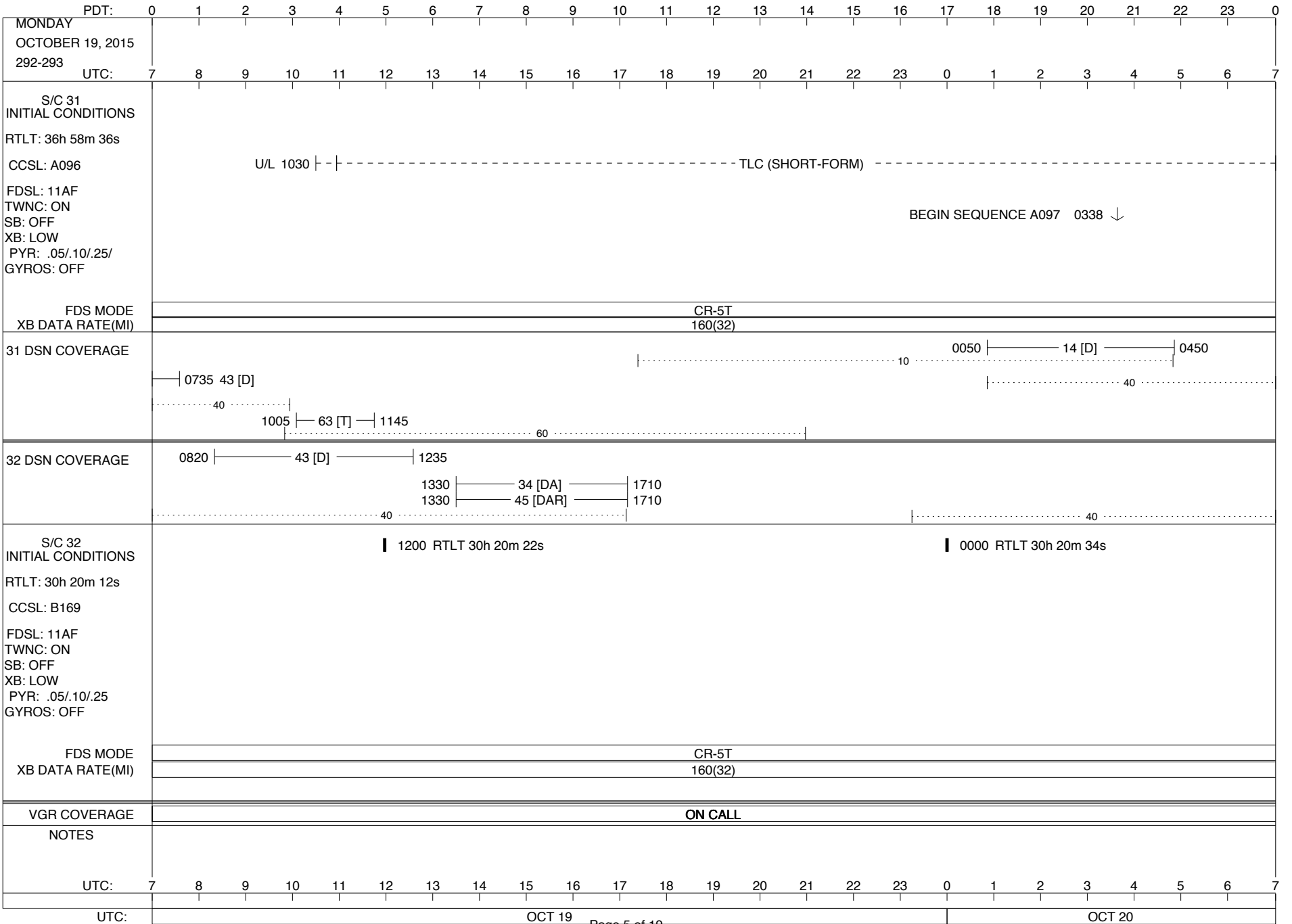
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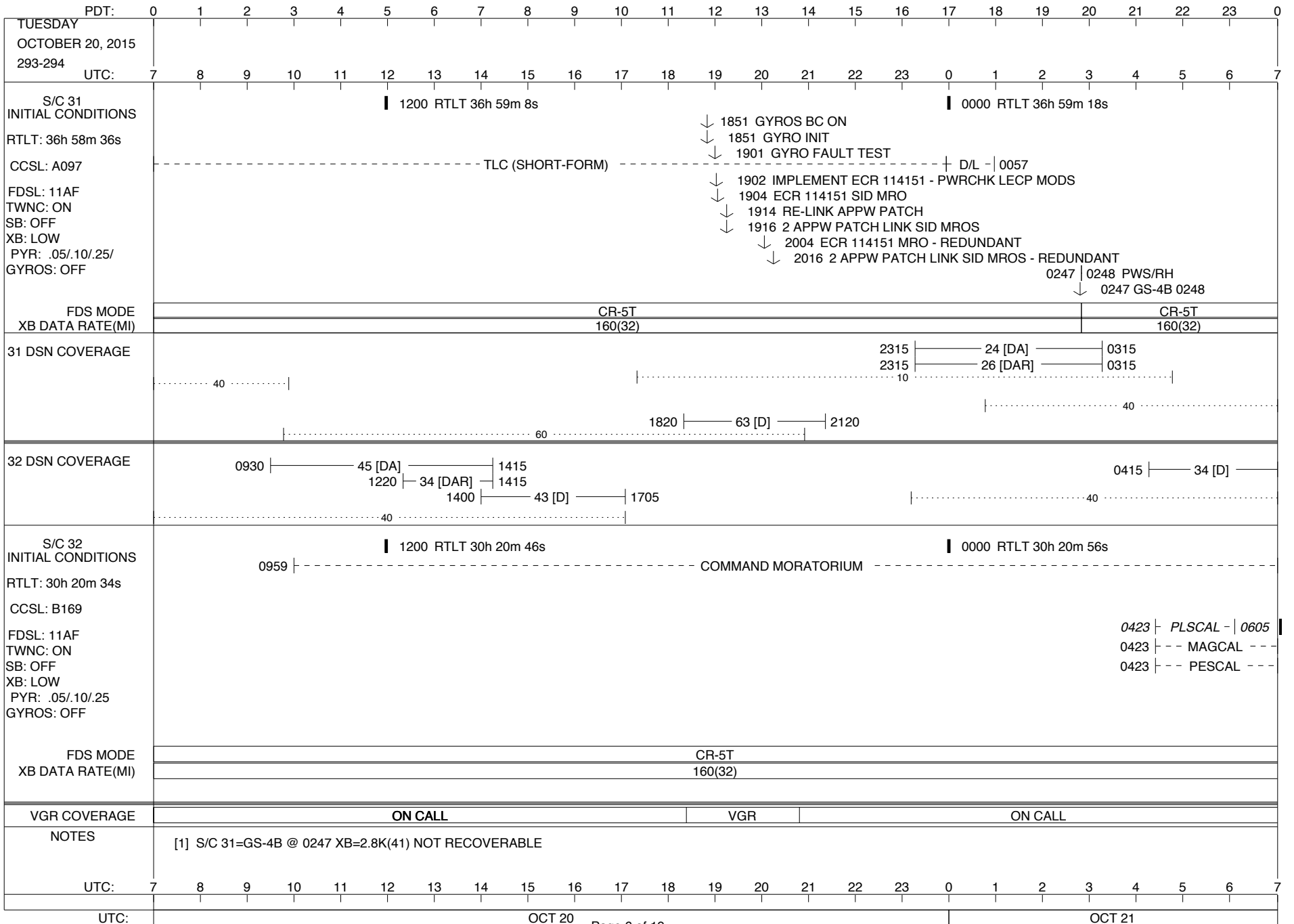


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S/C 31 INITIAL CONDITIONS RTLTL: 36h 58m 16s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25/ GYROS: OFF	█ 1200 RTLTL 36h 58m 26s												█ 0000 RTLTL 36h 58m 36s												
	0922 0923 TAPPOS												1224 1226 PWS/RH 1236 1248 TAPPOS												
	↓ 1224 GS-4B 1225																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE40.....											10.....												
	1000 -----63 [D]----- 1315												0320 -----43 [D]-----												
60.....											40.....												
32 DSN COVERAGE40.....											40.....												
	1310 -----43 [D]----- 1710																								
S/C 32 INITIAL CONDITIONS RTLTL: 30h 19m 50s CCSL: B169 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25/ GYROS: OFF	█ 1200 RTLTL 30h 20m 0s												█ 0000 RTLTL 30h 20m 12s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1224 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 18												OCT 19												

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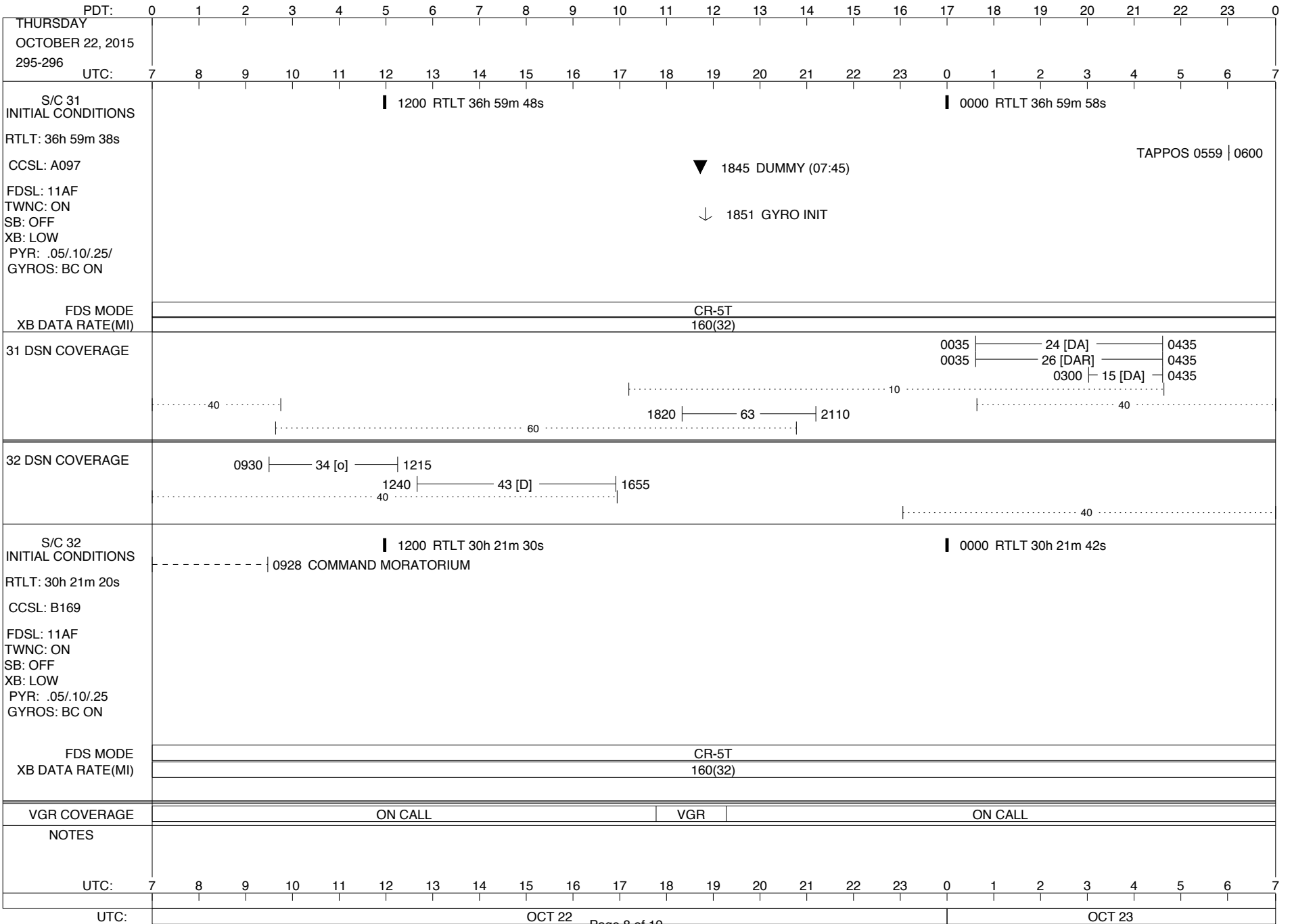




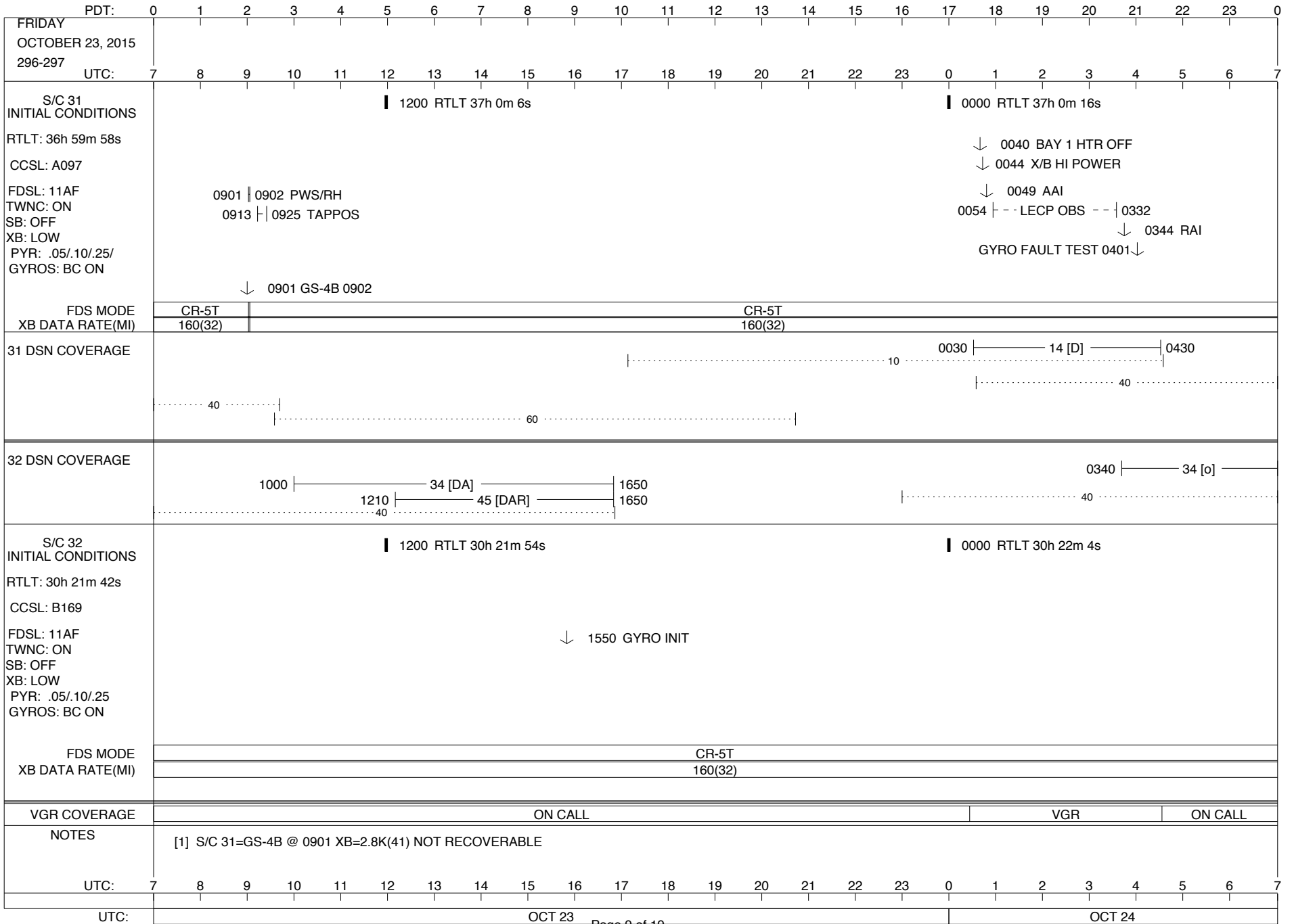
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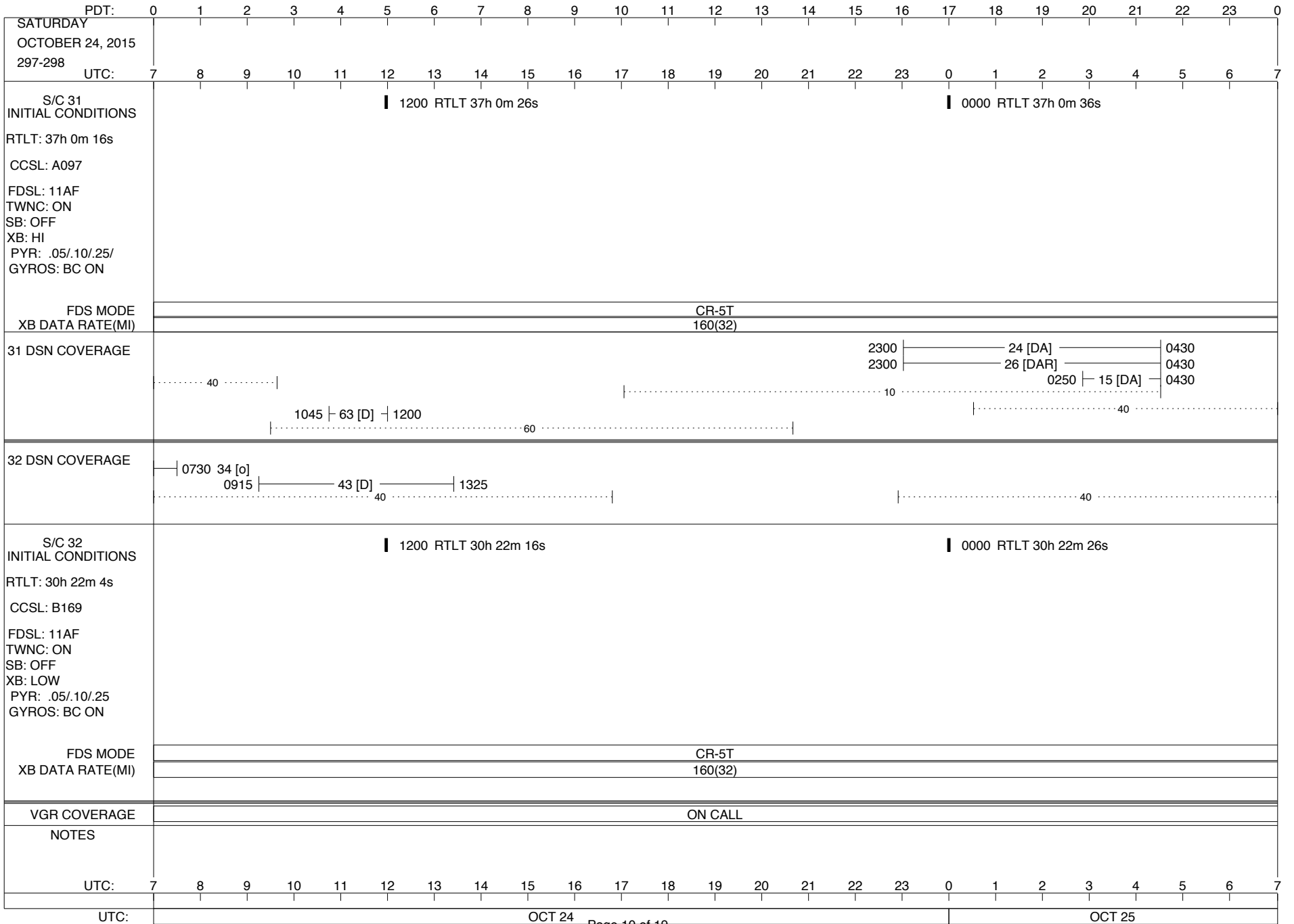
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WEDNESDAY OCTOBER 21, 2015 294-295																									
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S/C 31 INITIAL CONDITIONS RTLT: 36h 59m 18s CCSL: A097 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: BC ON	1200 RTLT 36h 59m 28s												0000 RTLT 36h 59m 38s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE40.....60.....												2310 ----- 15 [DA] ----- 0310 2310 ----- 24 [DAR] ----- 031010.....40.....												
32 DSN COVERAGE	-34 [D] 0815 0915 ----- 43 [D] ----- 170040.....40.....																								
S/C 32 INITIAL CONDITIONS RTLT: 30h 20m 56s CCSL: B169 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 21m 8s												0000 RTLT 30h 21m 20s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL												VGR ON CALL												
NOTES													----- COMMAND MORATORIUM ----- ↓ 1550 GYROS BC ON ↓ 1550 GYRO INIT ↓ 1600 GYRO FAULT TEST - - 0725 MAGCAL - - - 0743 PESCAL												
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 21												OCT 22												

ISSUE DATE: 10/21/15 14:54

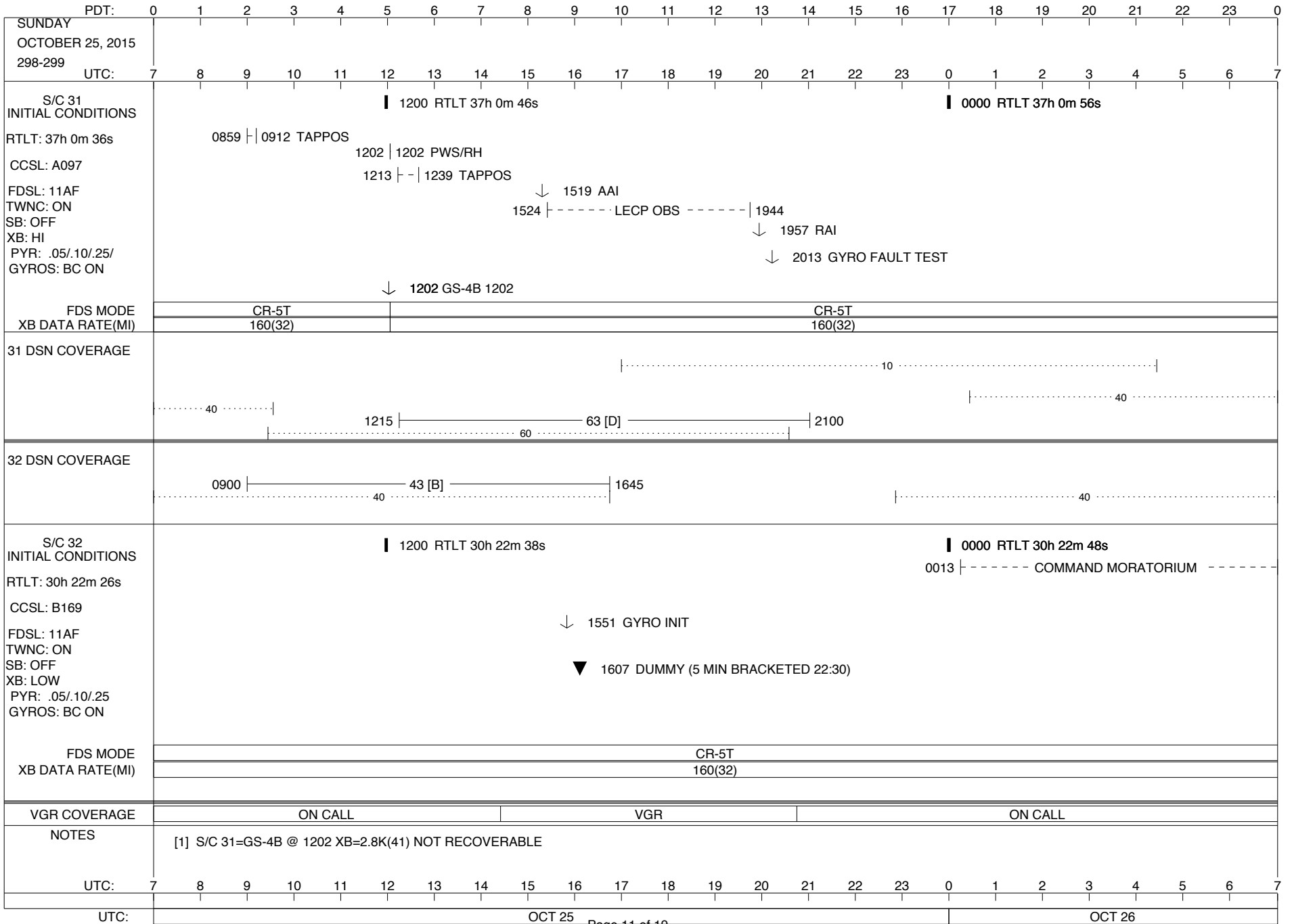


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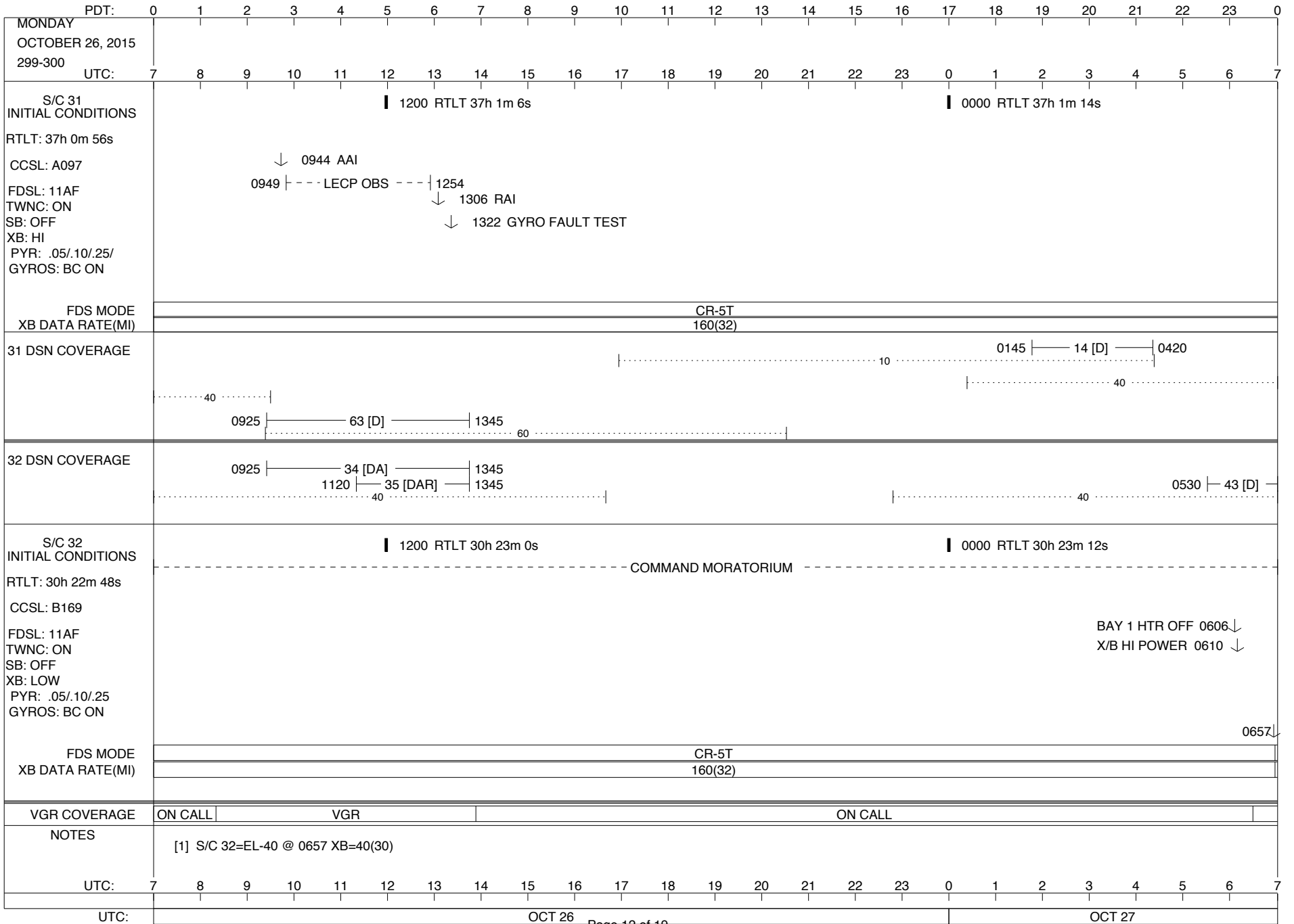




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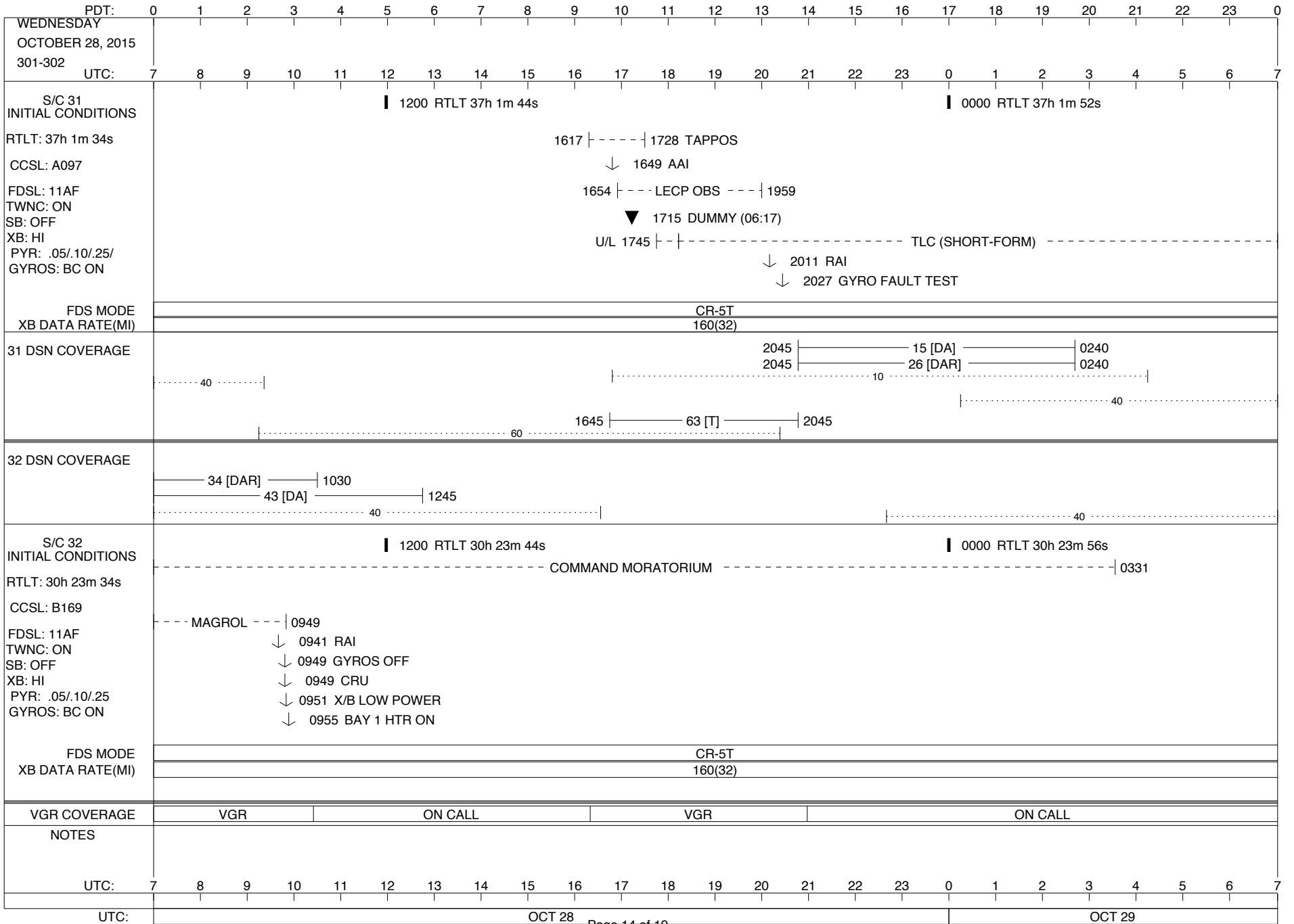
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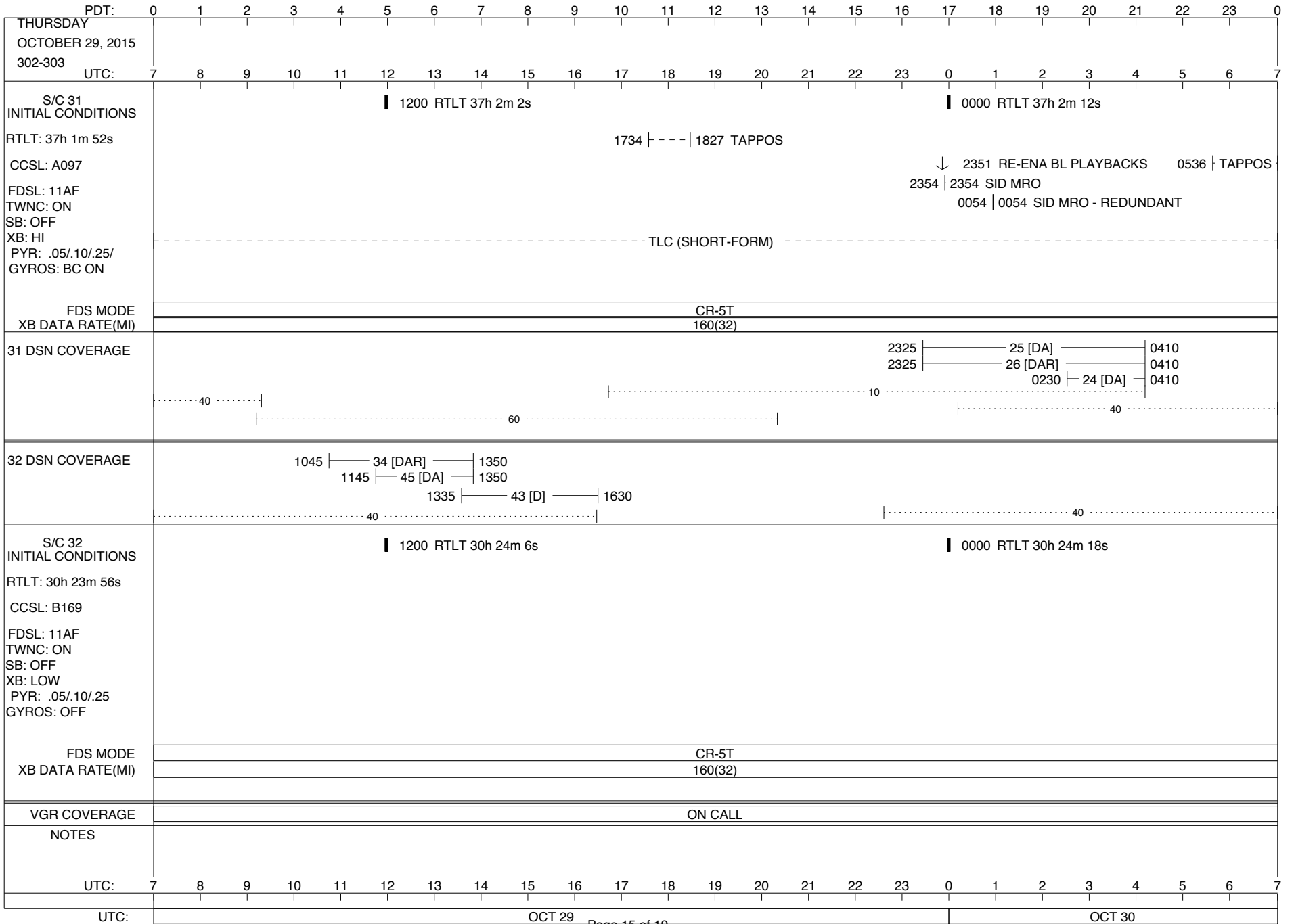
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UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
TUESDAY OCTOBER 27, 2015 300-301																												
S/C 31 INITIAL CONDITIONS RTLT: 37h 1m 14s CCSL: A097 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25/ GYROS: BC ON	1200 RTLT 37h 1m 24s												0000 RTLT 37h 1m 34s															
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>.....1220 63 [D] 1420.....</p> <p>.....60.....</p>																											
32 DSN COVERAGE	<p>.....43 [D] 1340.....</p> <p>.....40.....</p> <p>.....0320 35 [DA] 0530.....</p> <p>.....0320 34 [DAR]</p> <p>.....0530 43 [DA] </p> <p>.....40.....</p>																											
S/C 32 INITIAL CONDITIONS RTLT: 30h 23m 12s CCSL: B169 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 30h 23m 22s												0000 RTLT 30h 23m 34s															
----- COMMAND MORATORIUM -----																												
↓ 0712 ALL DB=.05 ↓ 0728 AAI 0729 - 0806 ASCAL ↓ 0803 RAI ↓ 0806 CRU ↓ 0814 YAW=.10 ↓ 0814 ROLL=.25 ↓ 0815 GYRO FAULT TEST ↓ 0809	0350 AAI 0353 --- MAGROL ---																											
FDS MODE	EL-40												CR-5T															
XB DATA RATE(MI)	40(30)												160(32)															
VGR COVERAGE	VGR												ON CALL															
NOTES	<p>[1] S/C 31=GS-4B @ 0225 XB=2.8K(41) NOT RECOVERABLE</p> <p>[2] S/C 32 - D/L /SNR VARIATIONS EXPECTED DURING ASCAL (0729-0806)</p> <p>[3] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0353-0949)</p>																											
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 27														OCT 28													

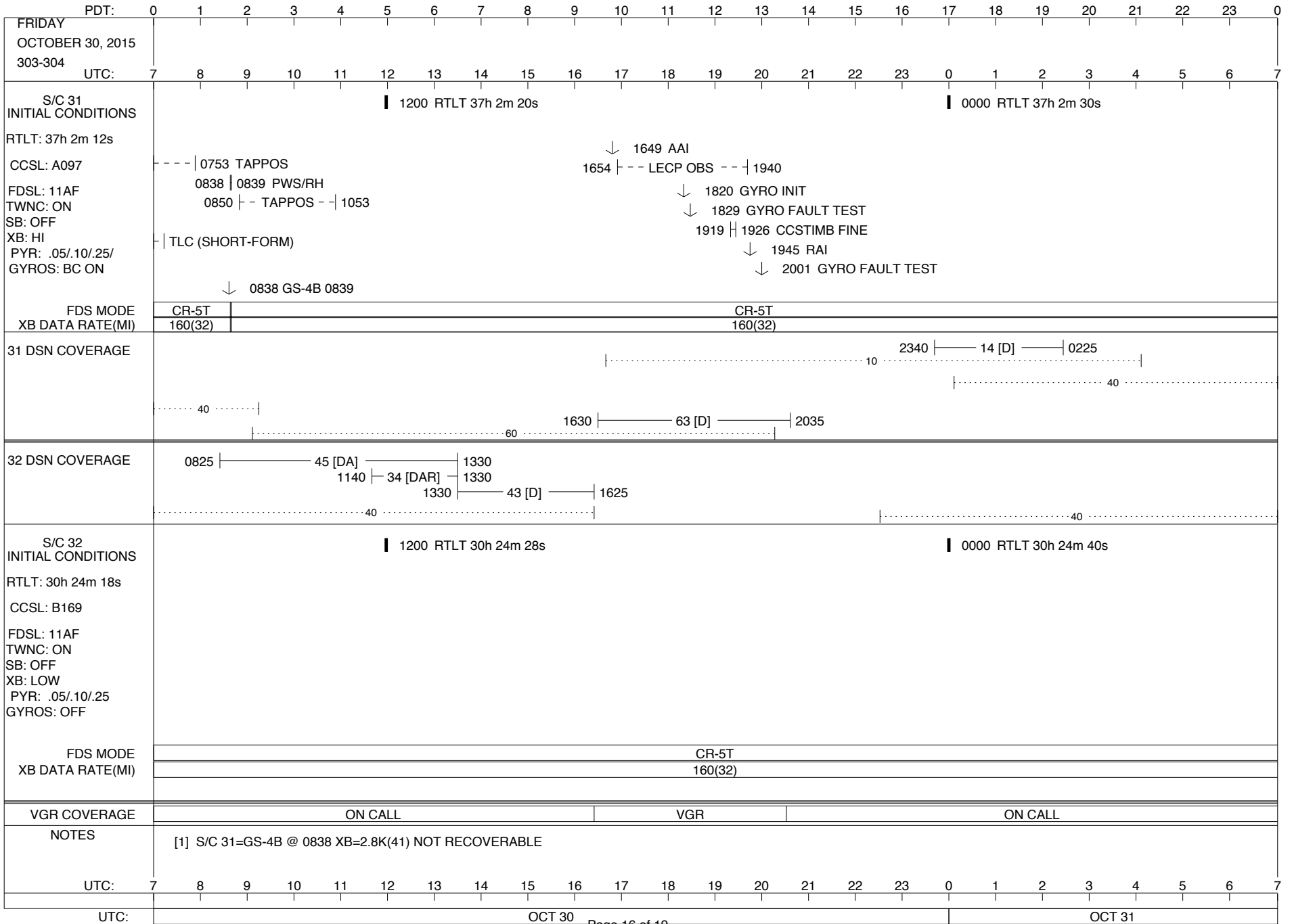
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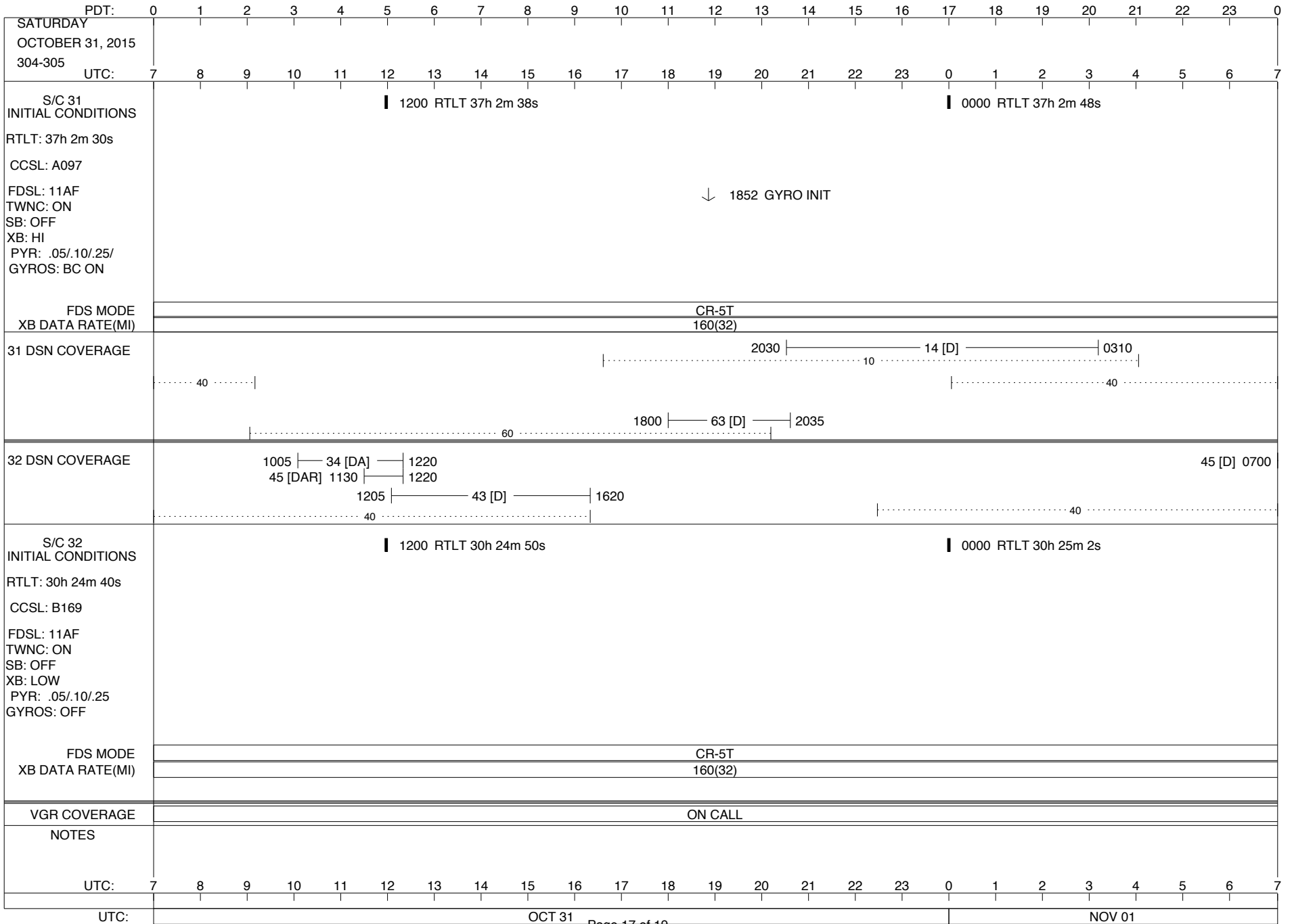
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MONDAY NOVEMBER 2, 2015 306-307																											
UTC:	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 37h 3m 6s CCSL: A097 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25/ GYROS: BC ON	<p>1200 RTLT 37h 3m 16s</p> <p>1853 GYRO INIT</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p>..... 40</p> <p>..... 60</p>																										
32 DSN COVERAGE	<p>1005 ----- 34 [D] ----- 1335 1130 ----- 45 [D] ----- 1335 1315 ----- 43 [D] ----- 1610</p> <p>..... 40</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 30h 25m 24s CCSL: B169 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 30h 25m 34s</p>																										
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	
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