

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: October 7, 2013

For the Period: 10/10/13 to 10/28/13 (13-276 – 13-294)

**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.  
 Yang, L.  
 Zottarelli, L.  
 \*odivers@san.rr.com

**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

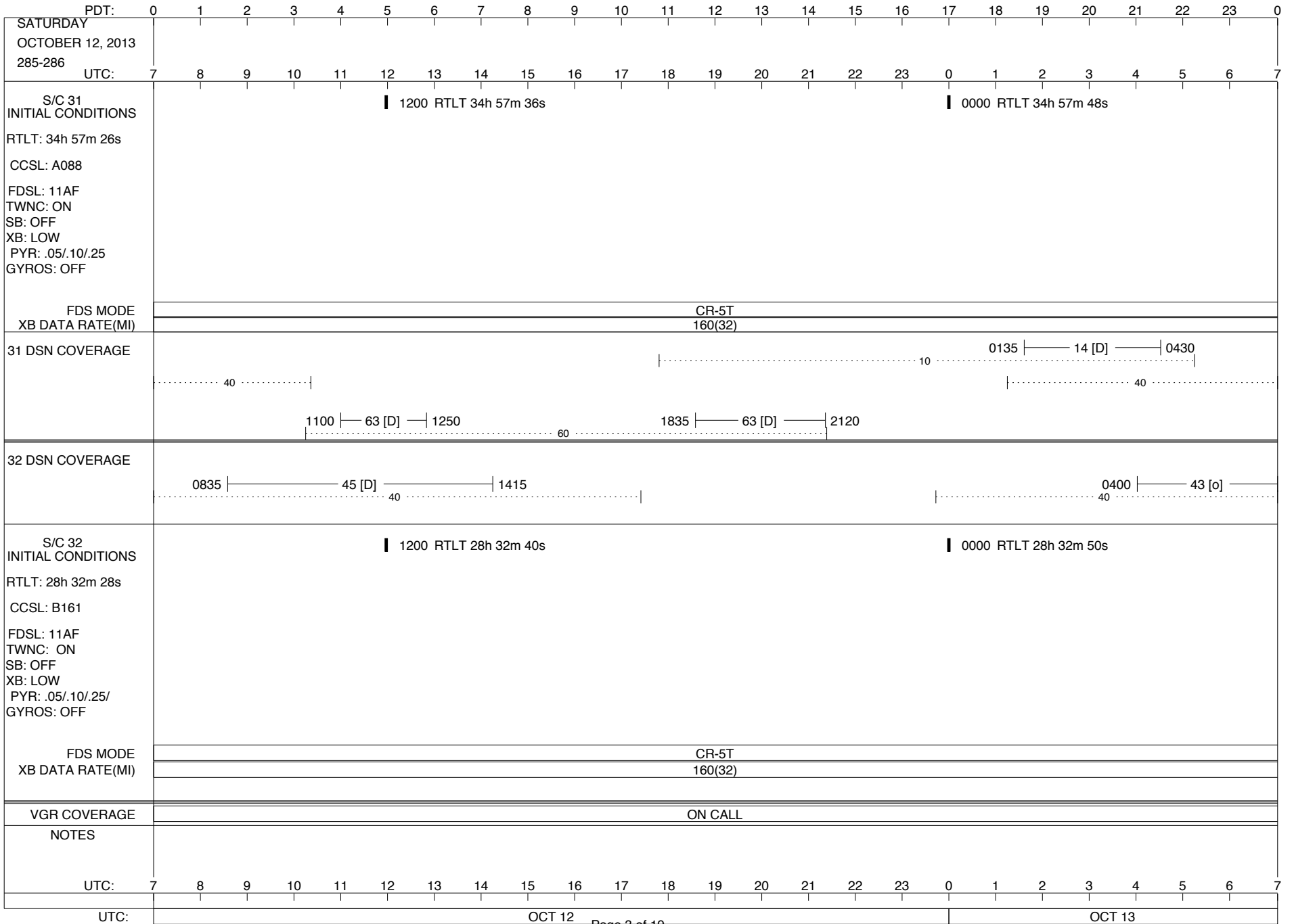
\*Electronic Copy Only  
 (16 – Dist/N: Paper Copies)  
 09/08/10

ISSUE DATE: 10/07/13 20:18

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S/C 31 INITIAL CONDITIONS RTLT: 34h 56m 42s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 34h 56m 54s												█ 0000 RTLT 34h 57m 4s									
FDS MODE													CR-5T														
XB DATA RATE(MI)													160(32)														
31 DSN COVERAGE													.....10.....														
	.....40.....								.....40.....																		
													1415  -----63 [D] -----  2155														
													.....60.....														
32 DSN COVERAGE													0900  -----43 [B] -----  1645														
													.....40.....														
													.....40.....														
S/C 32 INITIAL CONDITIONS RTLT: 28h 31m 42s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF						█ 1200 RTLT 28h 31m 54s												█ 0000 RTLT 28h 32m 6s									
FDS MODE													CR-5T														
XB DATA RATE(MI)													160(32)														
VGR COVERAGE	ON CALL						VGR						ON CALL														
NOTES																											
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UTC:	OCT 10													OCT 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			
FRIDAY OCTOBER 11, 2013 284-285																												
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S/C 31 INITIAL CONDITIONS RTLT: 34h 57m 4s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						1200 RTLT 34h 57m 16s												0000 RTLT 34h 57m 26s										
0713 TAPPOS 0959   1001 PWS/RH 1012   1013 TAPPOS ↓ 0959 GS-4B 1001																												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
31 DSN COVERAGE	.....40.....												.....10.....															
	.....1715.....60.....												.....63 [D].....2150.....															
32 DSN COVERAGE	.....1030.....40.....												.....43 [D].....1725.....															
	.....40.....												.....40.....															
S/C 32 INITIAL CONDITIONS RTLT: 28h 32m 6s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF						1200 RTLT 28h 32m 16s												0000 RTLT 28h 32m 28s										
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
VGR COVERAGE													ON CALL															
NOTES	[1] S/C 31=GS-4B @ 0959 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			
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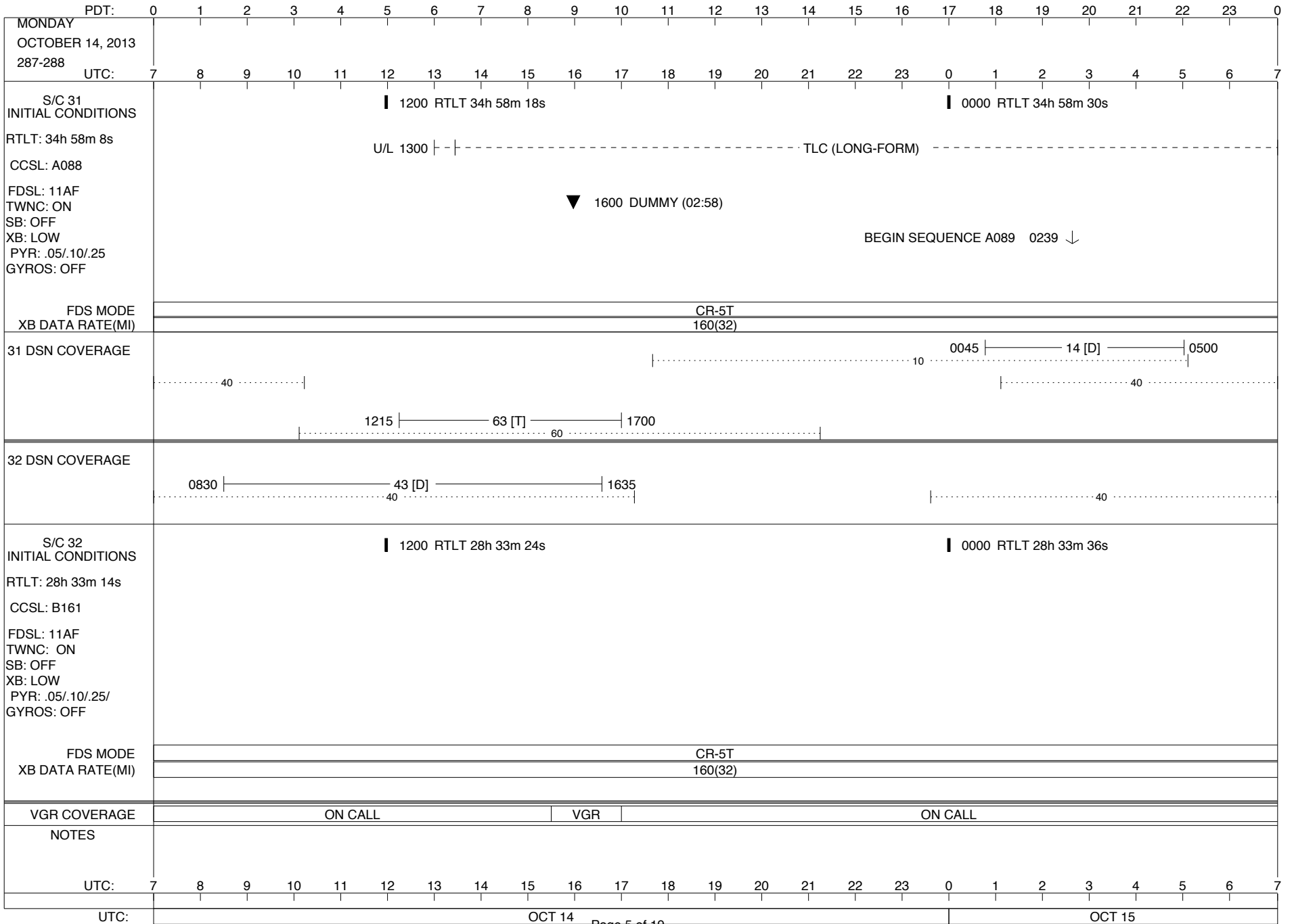
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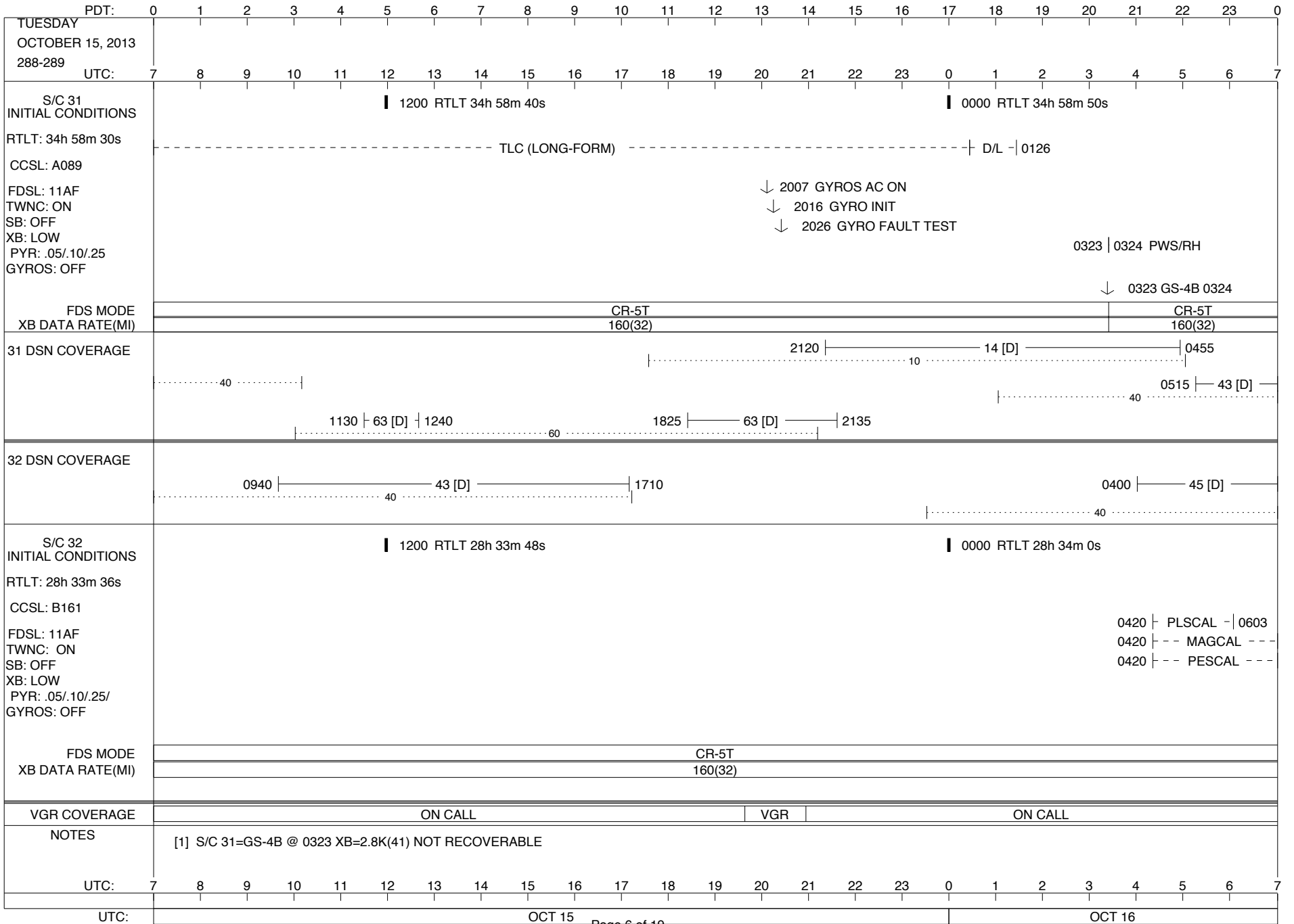


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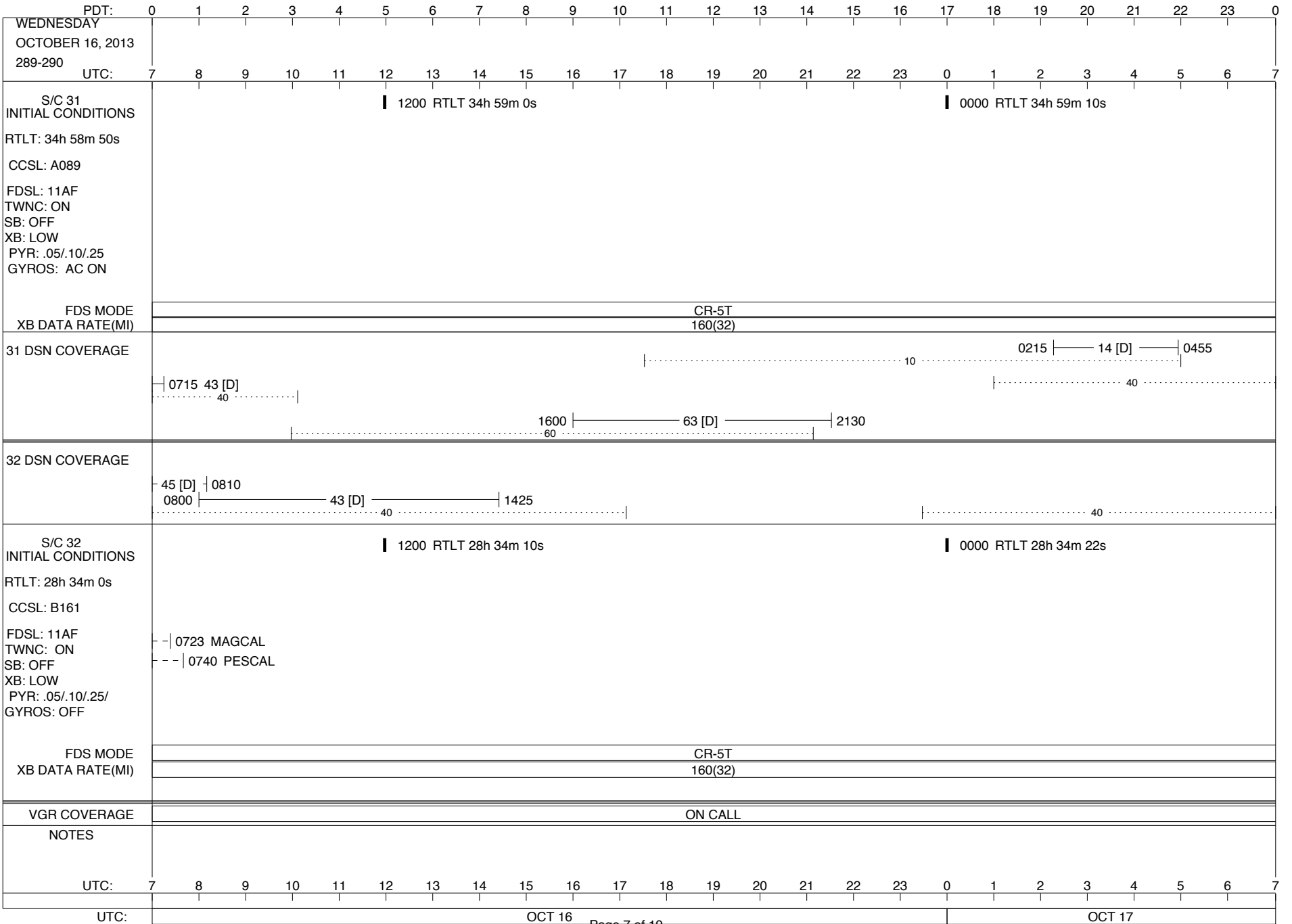
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SUNDAY OCTOBER 13, 2013 286-287	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 34h 57m 48s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 34h 57m 58s												█ 0000 RTLTL 34h 58m 8s												
	0958    1000 TAPPOS												1259   1301 PWS/RH 1312     1324 TAPPOS												
	↓ 1259 GS-4B 1301																								
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	.....40.....												.....10.....  0140  -----14 [D]-----  0505 .....40.....												
	.....1625  -----63 [D]-----  2140 .....60.....																								
32 DSN COVERAGE	.....43 [o]-----  1515 .....40.....												.....40.....												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 32m 50s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLTL 28h 33m 2s												█ 0000 RTLTL 28h 33m 14s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1259 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
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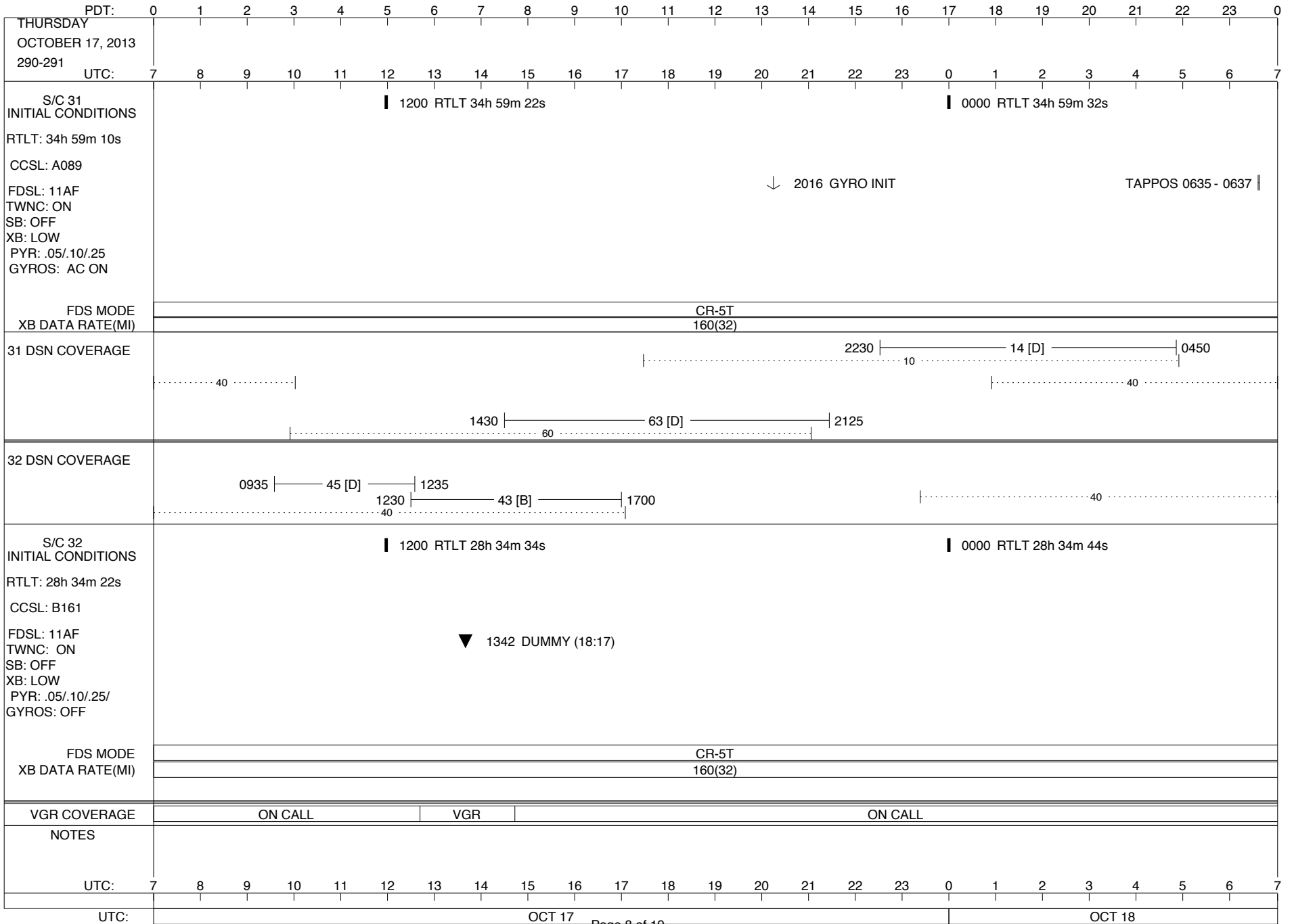


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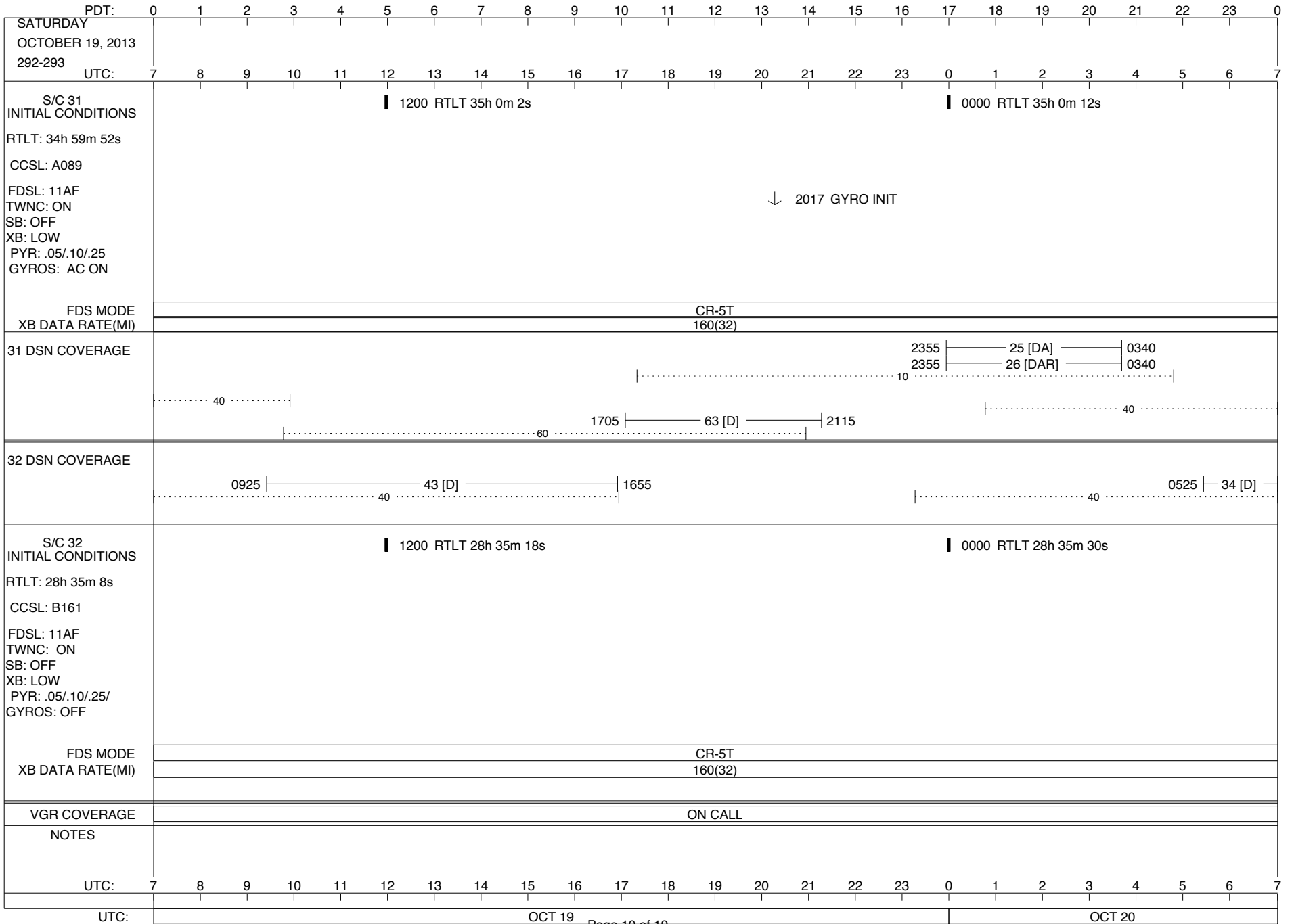
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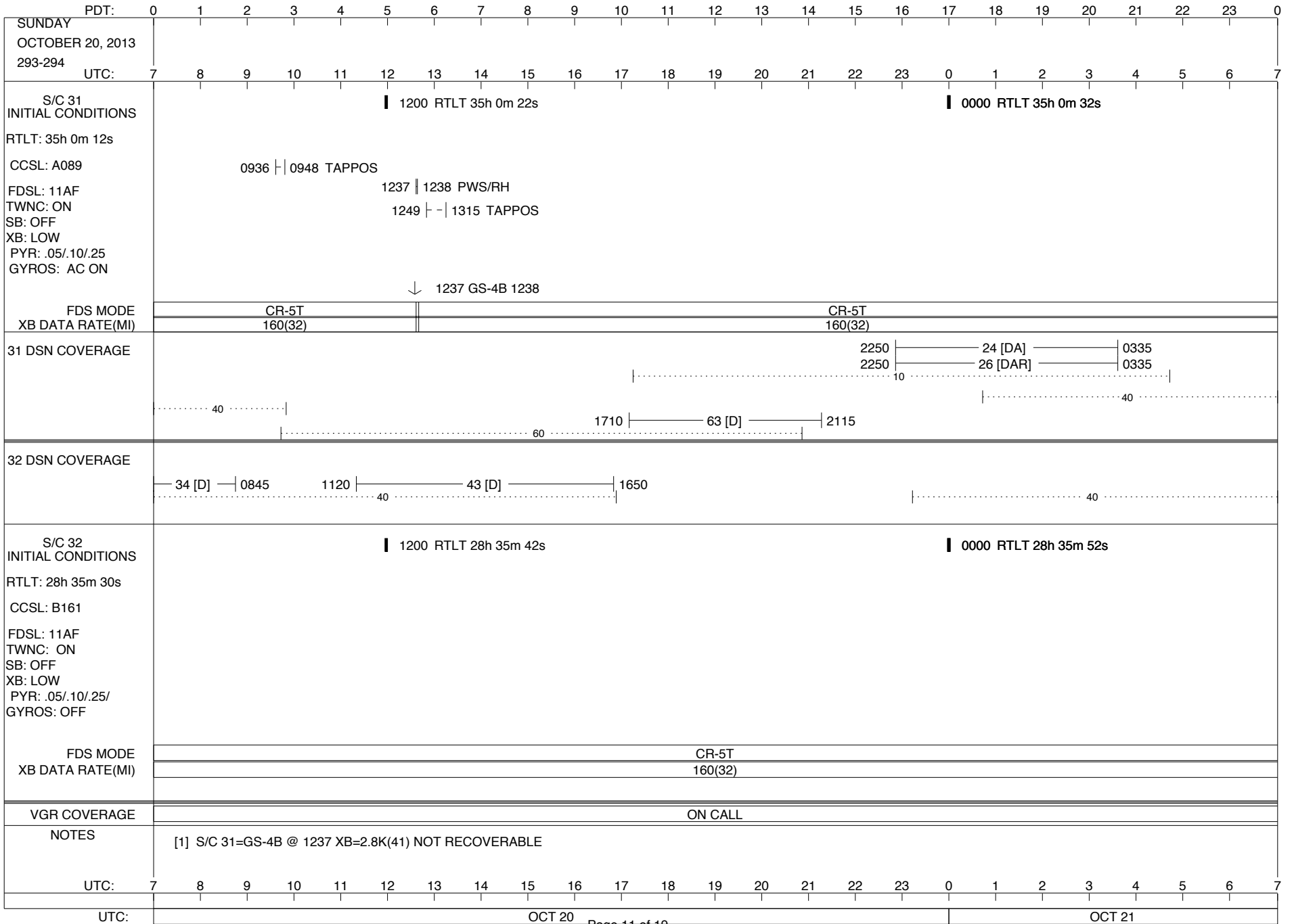
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FRIDAY OCTOBER 18, 2013 291-292	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 34h 59m 32s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	1200 RTLT 34h 59m 42s												0000 RTLT 34h 59m 52s												
0936   0938 PWS/RH 0949   1001 TAPPOS ↓ 0936 GS-4B 0938																									
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	.....40.....												.....10.....												
	.....60.....												.....40.....												
	.....1830   63 [D]   2120																								
32 DSN COVERAGE	.....1000   34 [D]   1420												.....40.....												
S/C 32 INITIAL CONDITIONS RTLT: 28h 34m 44s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 34m 56s												0000 RTLT 28h 35m 8s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0936 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
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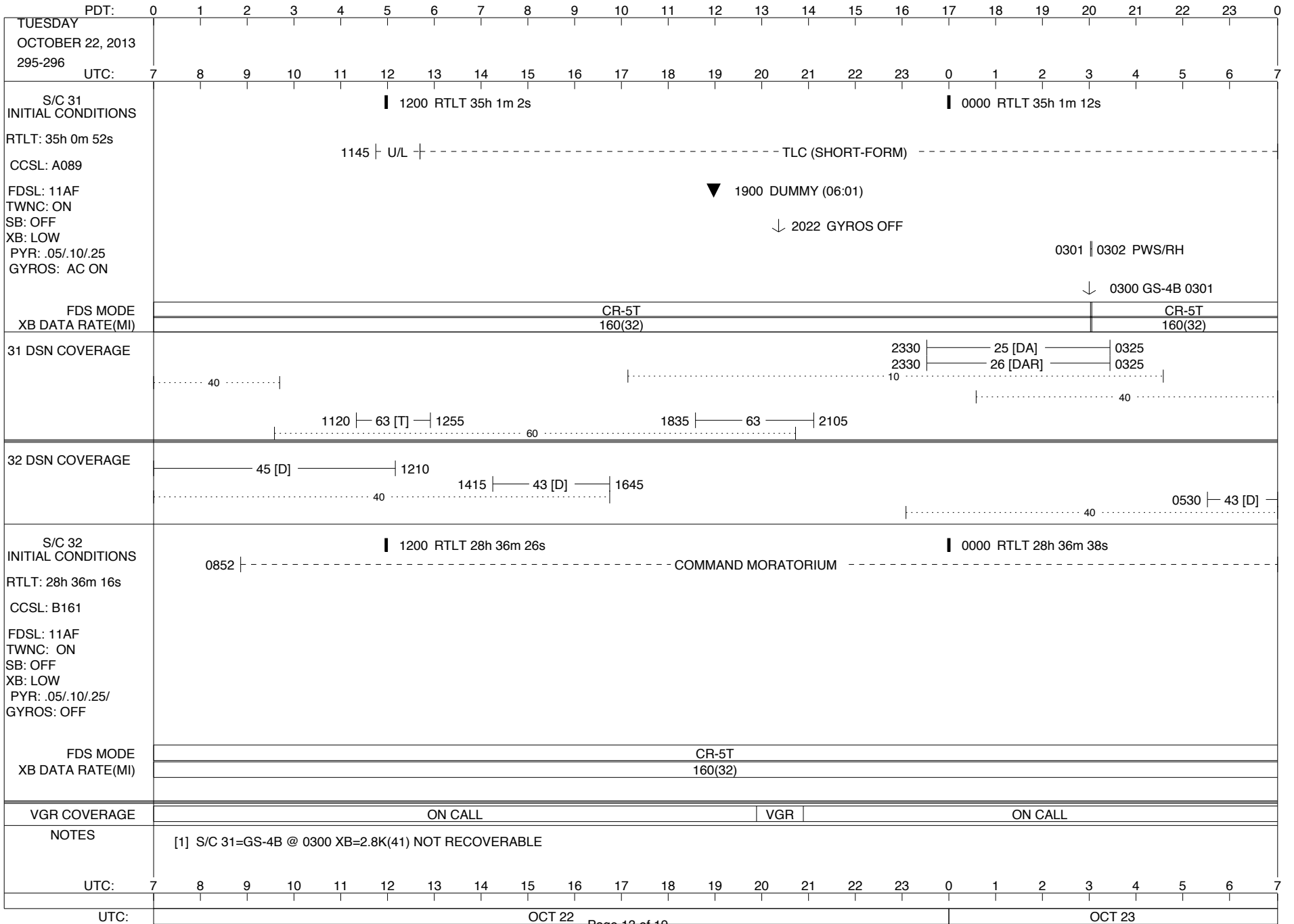


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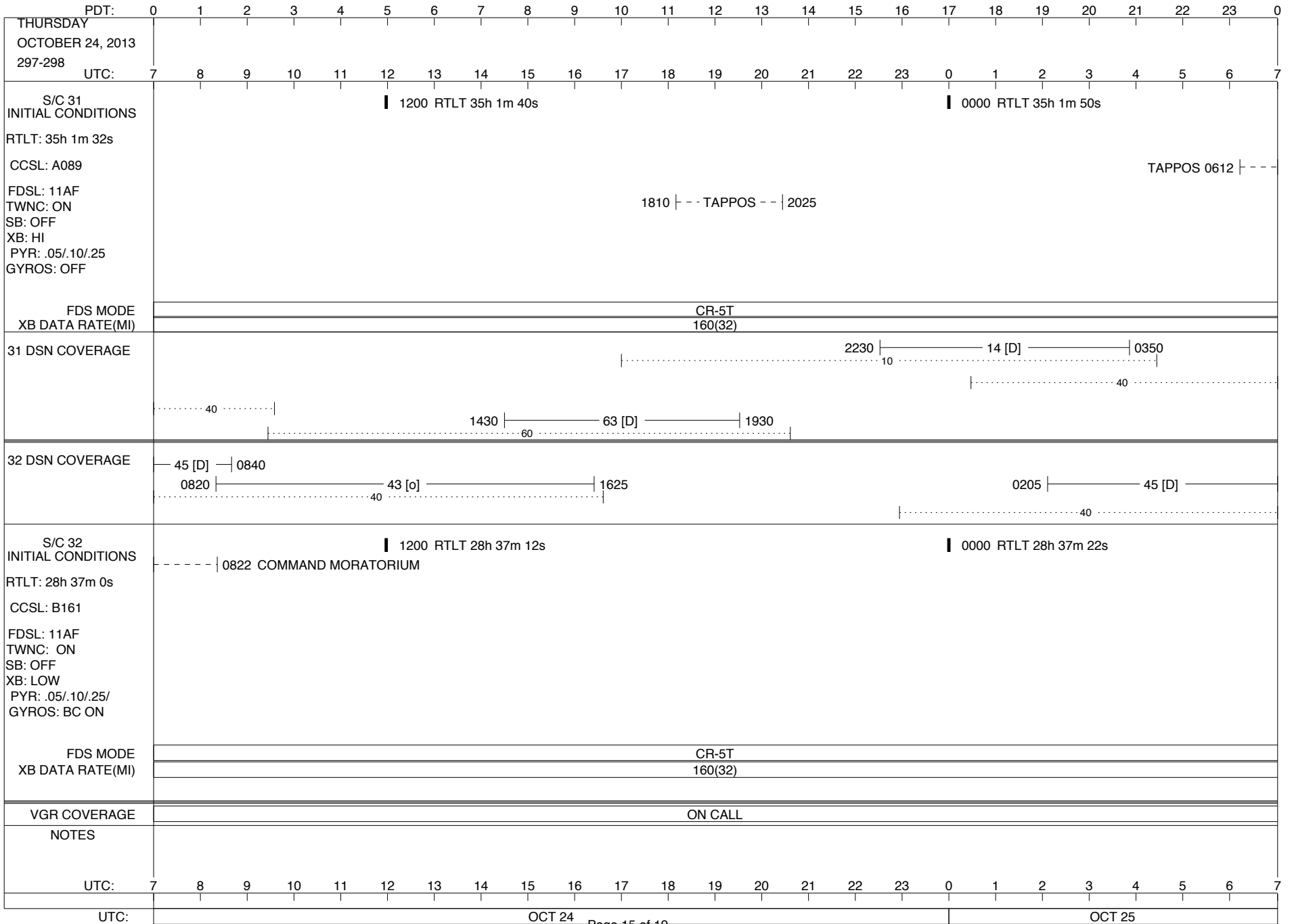
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MONDAY OCTOBER 21, 2013 294-295																												
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLT: 35h 0m 32s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON						█ 1200 RTLT 35h 0m 42s												█ 0000 RTLT 35h 0m 52s										
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLT: 28h 35m 52s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF						█ 1200 RTLT 28h 36m 4s												█ 0000 RTLT 28h 36m 16s										
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 21														OCT 22													



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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					
WEDNESDAY OCTOBER 23, 2013 296-297																														
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: 35h 1m 12s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 1m 22s												0000 RTLT 35h 1m 32s																	
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)						PB-14 1.4K(39)						CR-5T 160(32)																	
31 DSN COVERAGE	40												40																	
32 DSN COVERAGE	40												40																	
S/C 32 INITIAL CONDITIONS RTLTL: 28h 36m 38s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 36m 48s												0000 RTLT 28h 37m 0s																	
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																													
VGR COVERAGE	ON CALL						VGR						ON CALL						VGR						ON CALL					
NOTES	[1] S/C 31=PB-14 @ 1946 XB=1.4K(39) [2] S/C 31=CR-5T XB=160(32) @ 0222																													
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													Page 14 of 19											OCT 24					

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1200 RTLT 35h 1m 40s

0000 RTLT 35h 1m 50s

TAPPOS 0612 | - - -

1810 | - - TAPPOS - - | 2025

CR-5T

160(32)

2230 | 14 [D] | 0350

1430 | 63 [D] | 1930

45 [D] | 0840

0820 | 43 [o] | 1625

0205 | 45 [D] |

1200 RTLT 28h 37m 12s

0000 RTLT 28h 37m 22s

0822 COMMAND MORATORIUM

CR-5T

160(32)

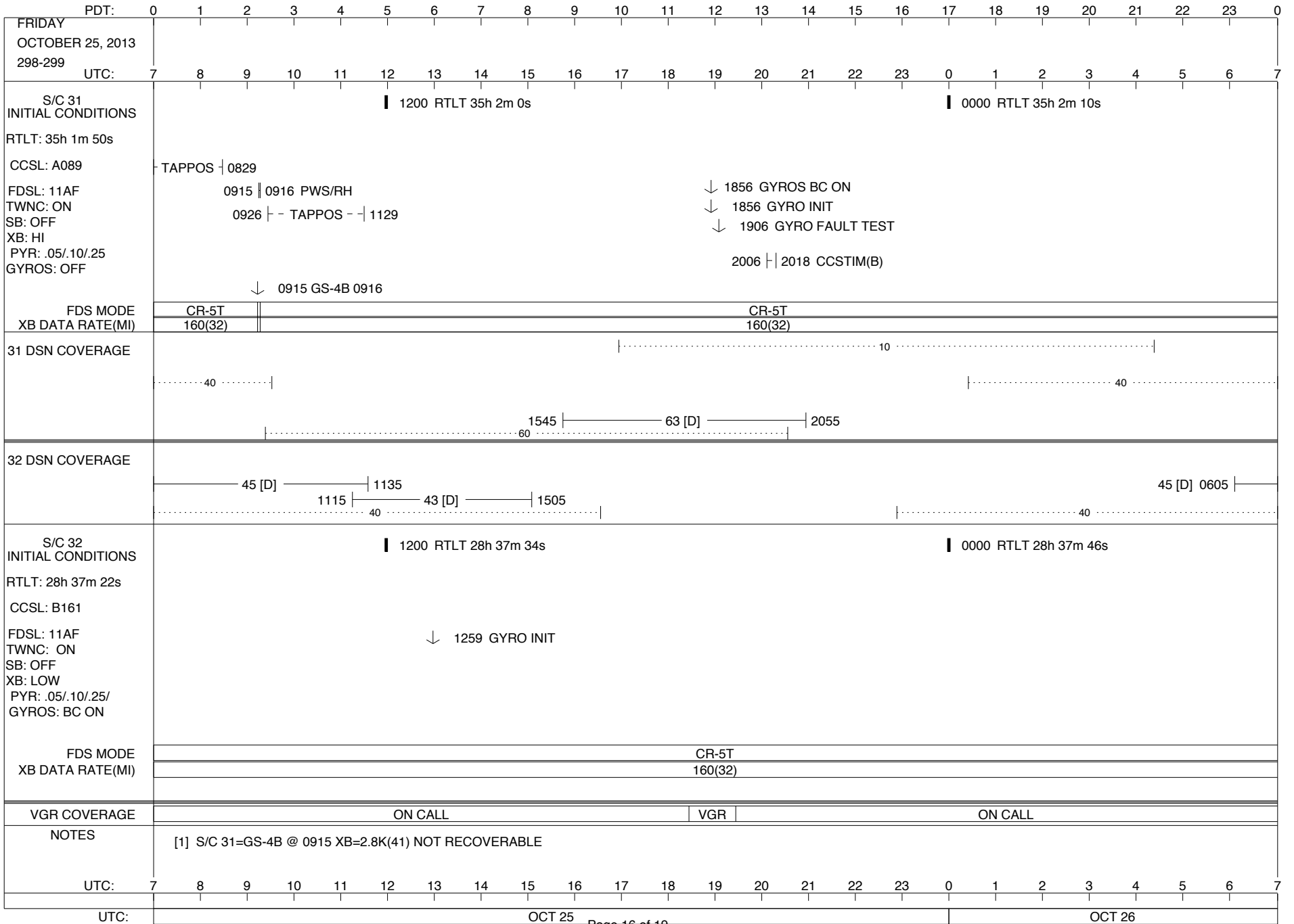
ON CALL

OCT 24

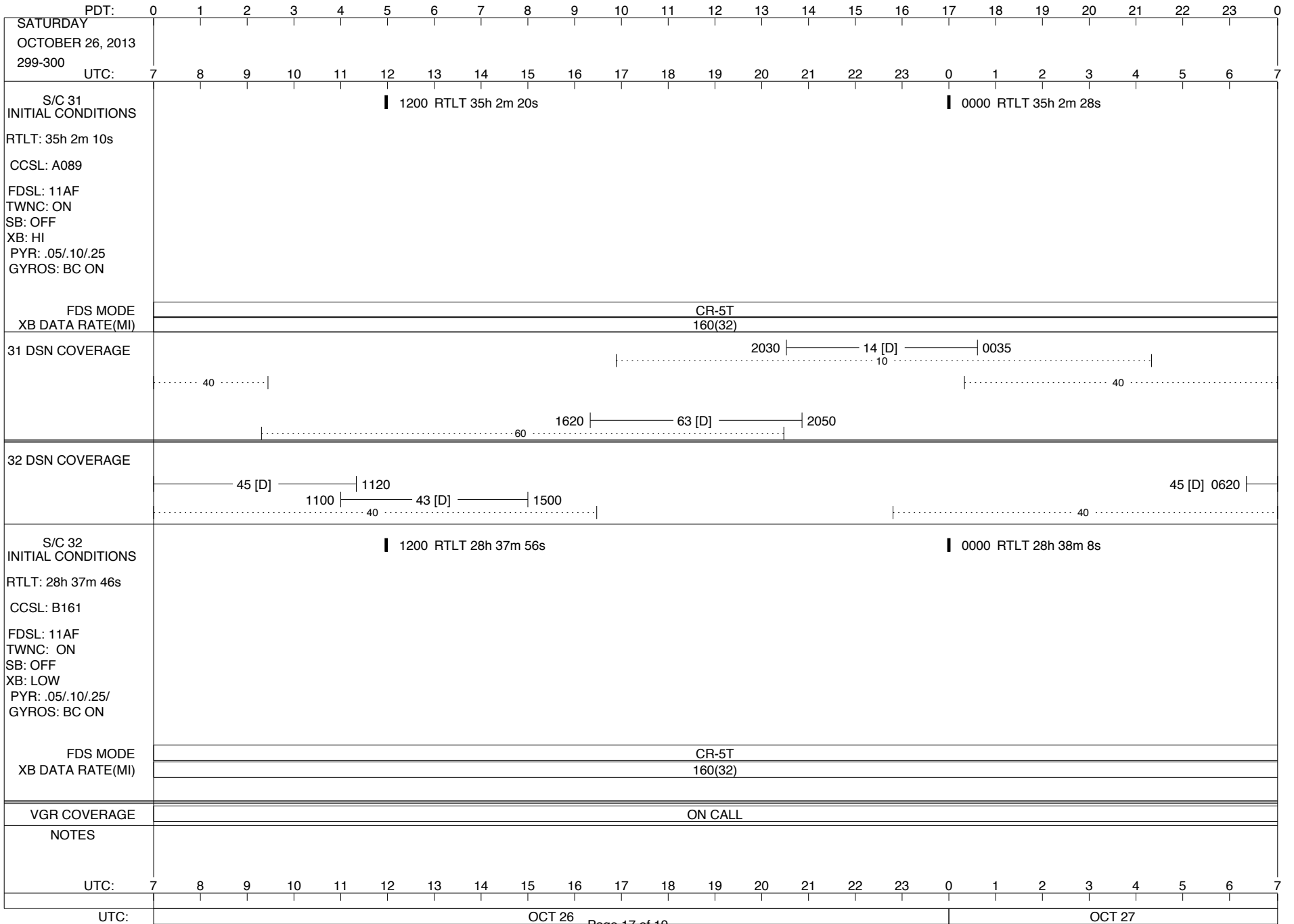
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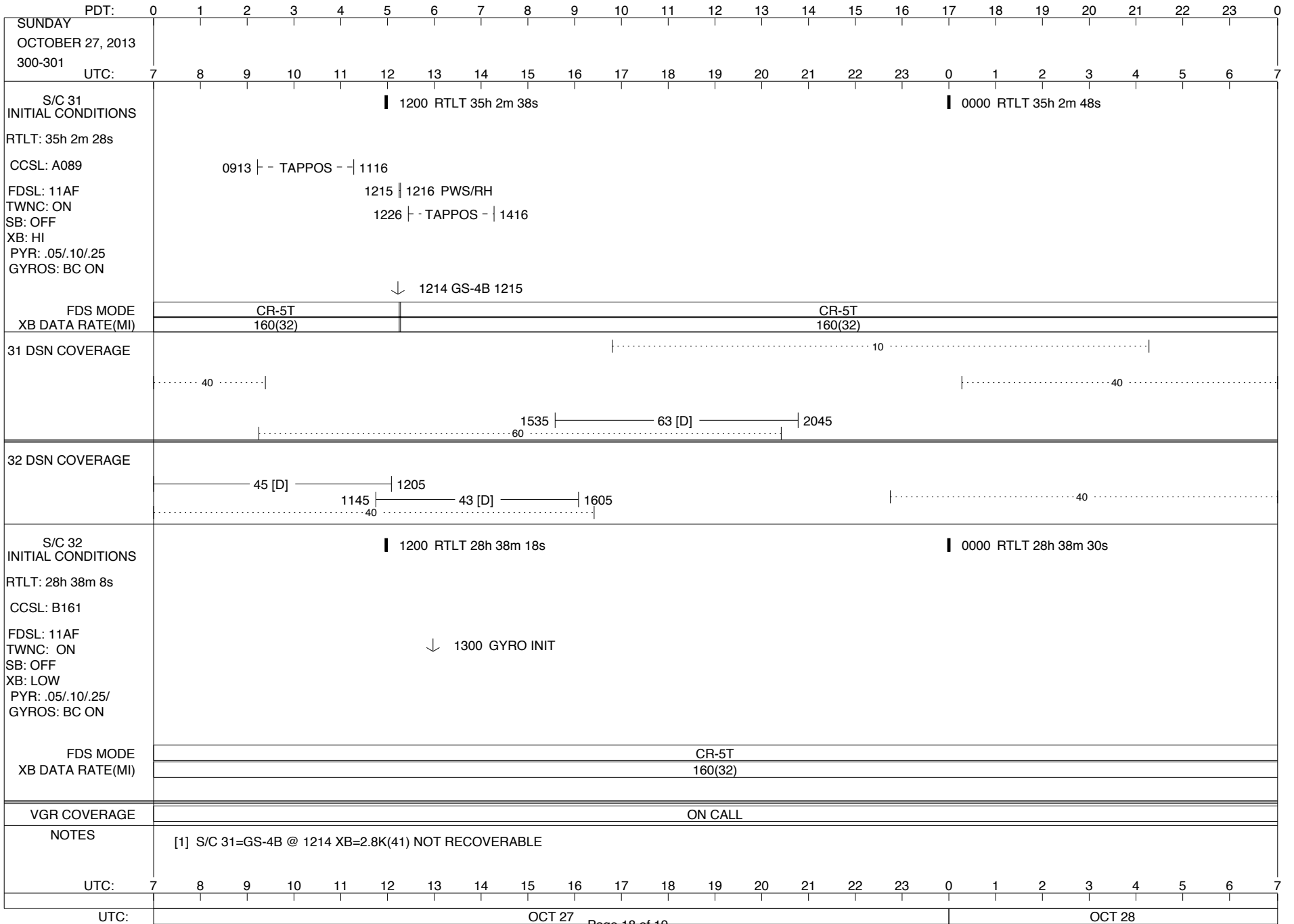


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ISSUE DATE: 10/07/13 20:18

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MONDAY OCTOBER 28, 2013 301-302																											
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S/C 31 INITIAL CONDITIONS RTLT: 35h 2m 48s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 35h 2m 58s																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<p>.....40 .....</p> <p>1455  -----63 [D]-----  2025</p> <p>60</p>																										
32 DSN COVERAGE	<p>0825  -----45 [D]-----  1225</p> <p>40</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 28h 38m 30s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: BC ON	1200 RTLT 28h 38m 40s																										
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 28													OCT 29													