

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: October 10, 2018

For the Period: 10/11/18 to 10/29/18 (18/284 – 18/302)

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.	

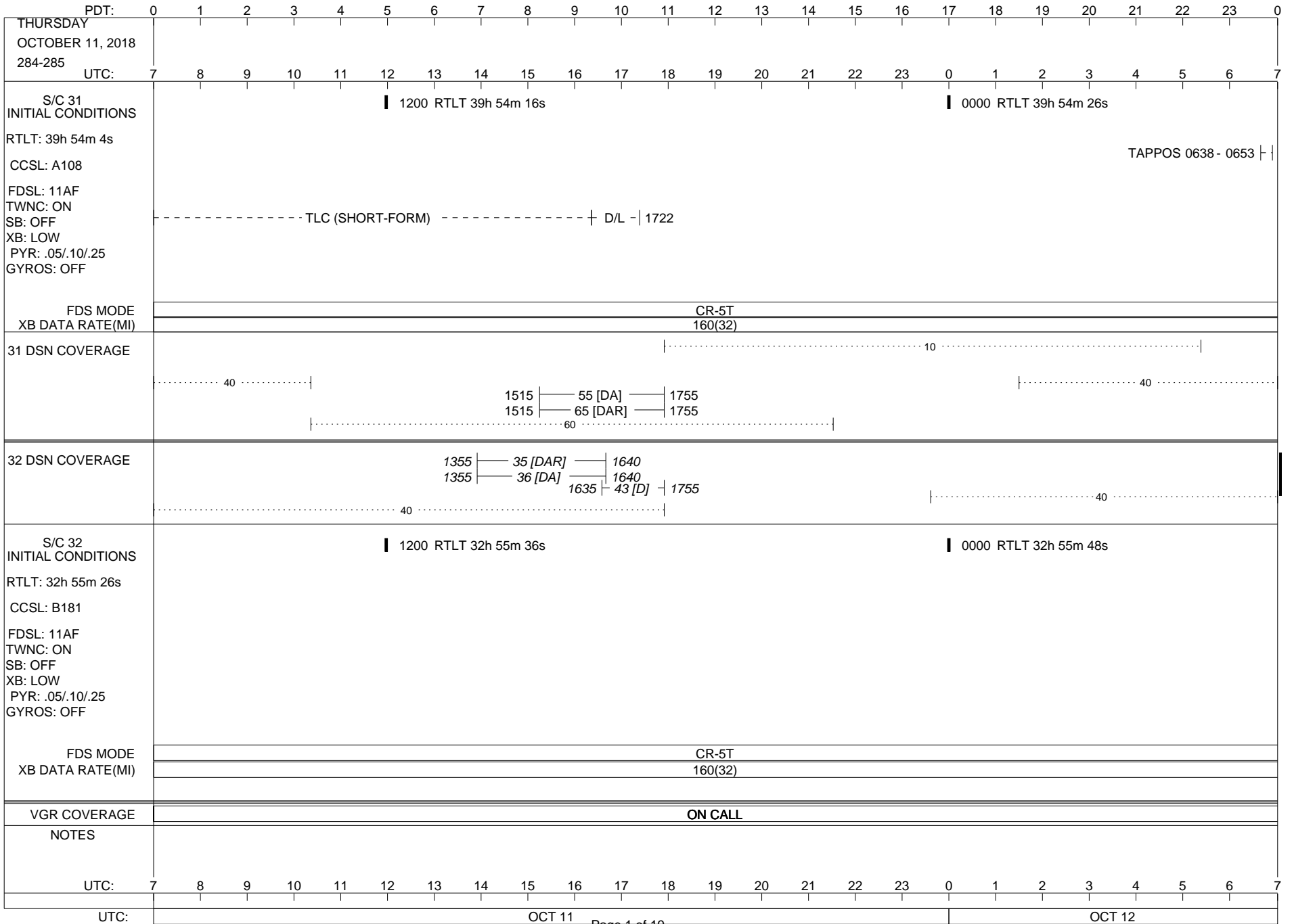
**LEGEND:**

- ▽ = 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](http://voyager.jpl.nasa.gov/mission/soesfos/tracking_schedule.html)

02/27/17

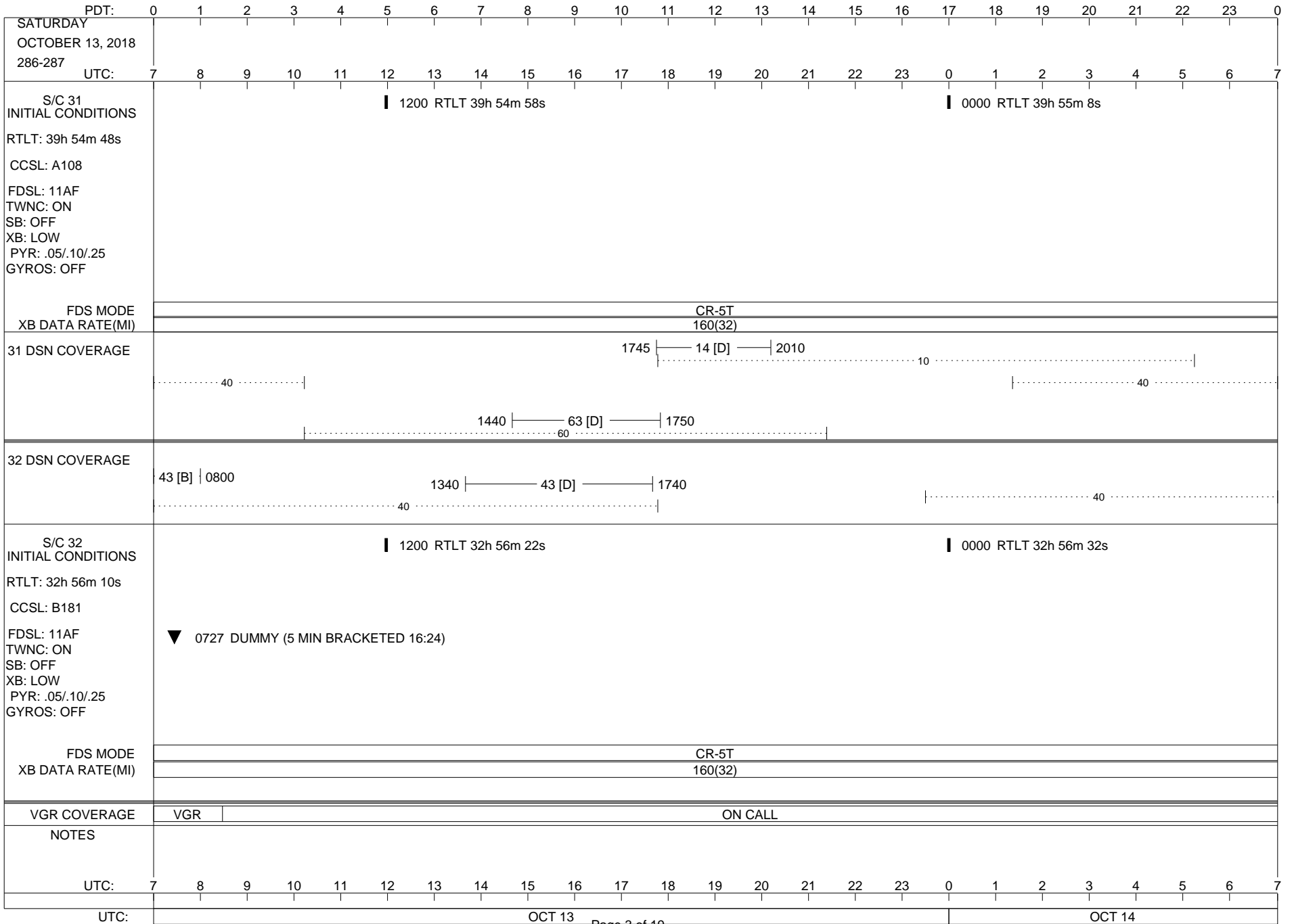
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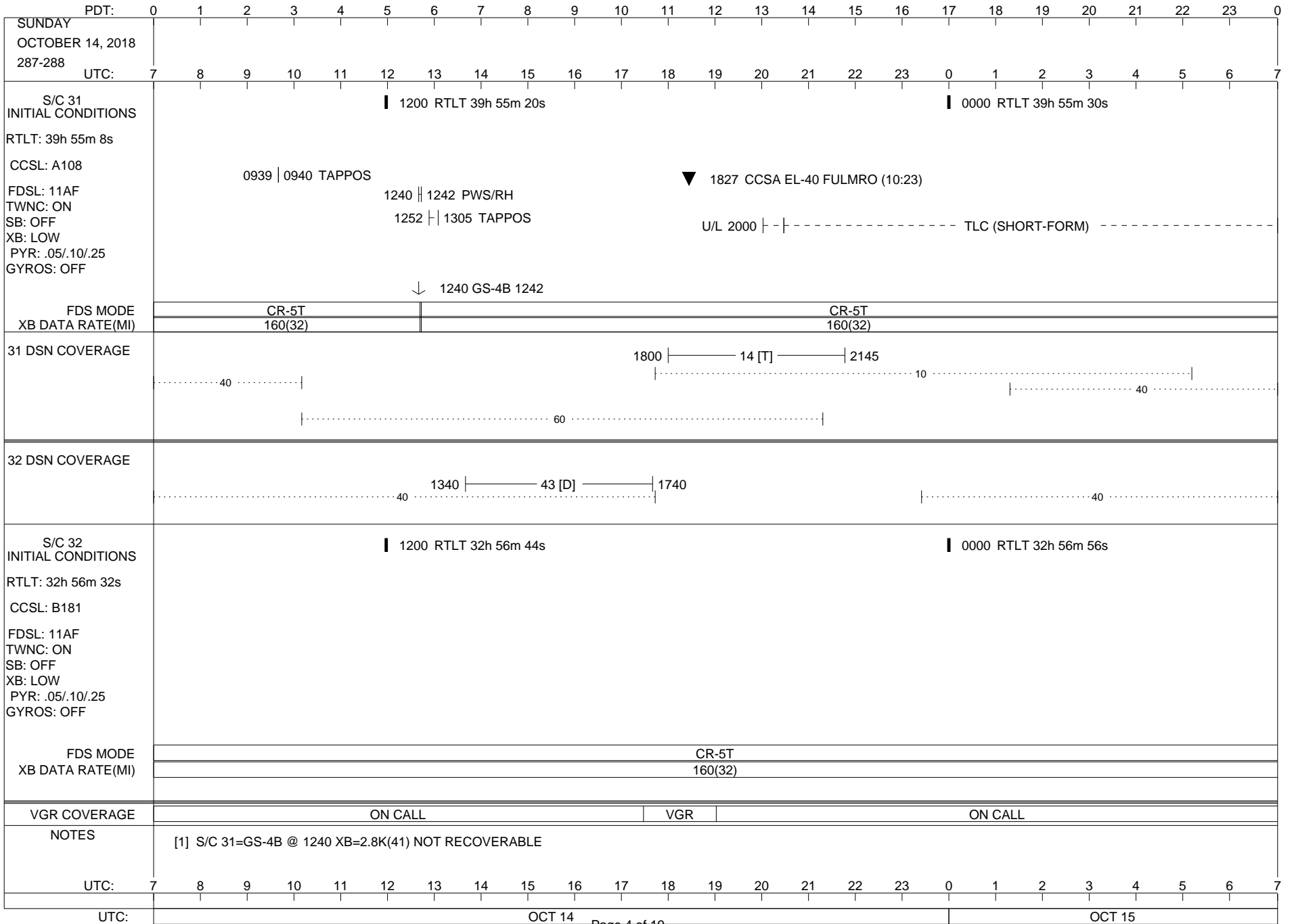
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FRIDAY OCTOBER 12, 2018 285-286			
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7			
S/C 31 INITIAL CONDITIONS RTLT: 39h 54m 26s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 39h 54m 36s</p> <p>0940   0941 PWS/RH 0952   0953 TAPPOS</p> <p>↓ 0940 GS-4B 0941</p> <p>0000 RTLT 39h 54m 48s</p>		
FDS MODE XB DATA RATE(MI)	<table border="1"> <tr> <td>CR-5T 160(32)</td> <td>CR-5T 160(32)</td> </tr> </table>	CR-5T 160(32)	CR-5T 160(32)
CR-5T 160(32)	CR-5T 160(32)		
31 DSN COVERAGE	<p>2345  ----- 14 [D] -----  0400</p> <p>..... 40 ..... ----- 10 ----- ..... 40 .....</p> <p>1020  ----- 63 [D] -----  1220</p> <p>..... 60 .....</p>		
32 DSN COVERAGE	<p>1350  ----- 43 [D] -----  1750</p> <p>..... 40 ..... ----- 40 ----- ..... 0530  ----- 43 [B] ----- </p>		
S/C 32 INITIAL CONDITIONS RTLT: 32h 55m 48s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 32h 55m 58s</p> <p>0000 RTLT 32h 56m 10s</p>		
FDS MODE XB DATA RATE(MI)	<table border="1"> <tr> <td></td> <td>CR-5T 160(32)</td> </tr> </table>		CR-5T 160(32)
	CR-5T 160(32)		
VGR COVERAGE	ON CALL		
NOTES	[1] S/C 31=GS-4B @ 0940 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 12  ----- Page 2 of 19 -----  OCT 13			

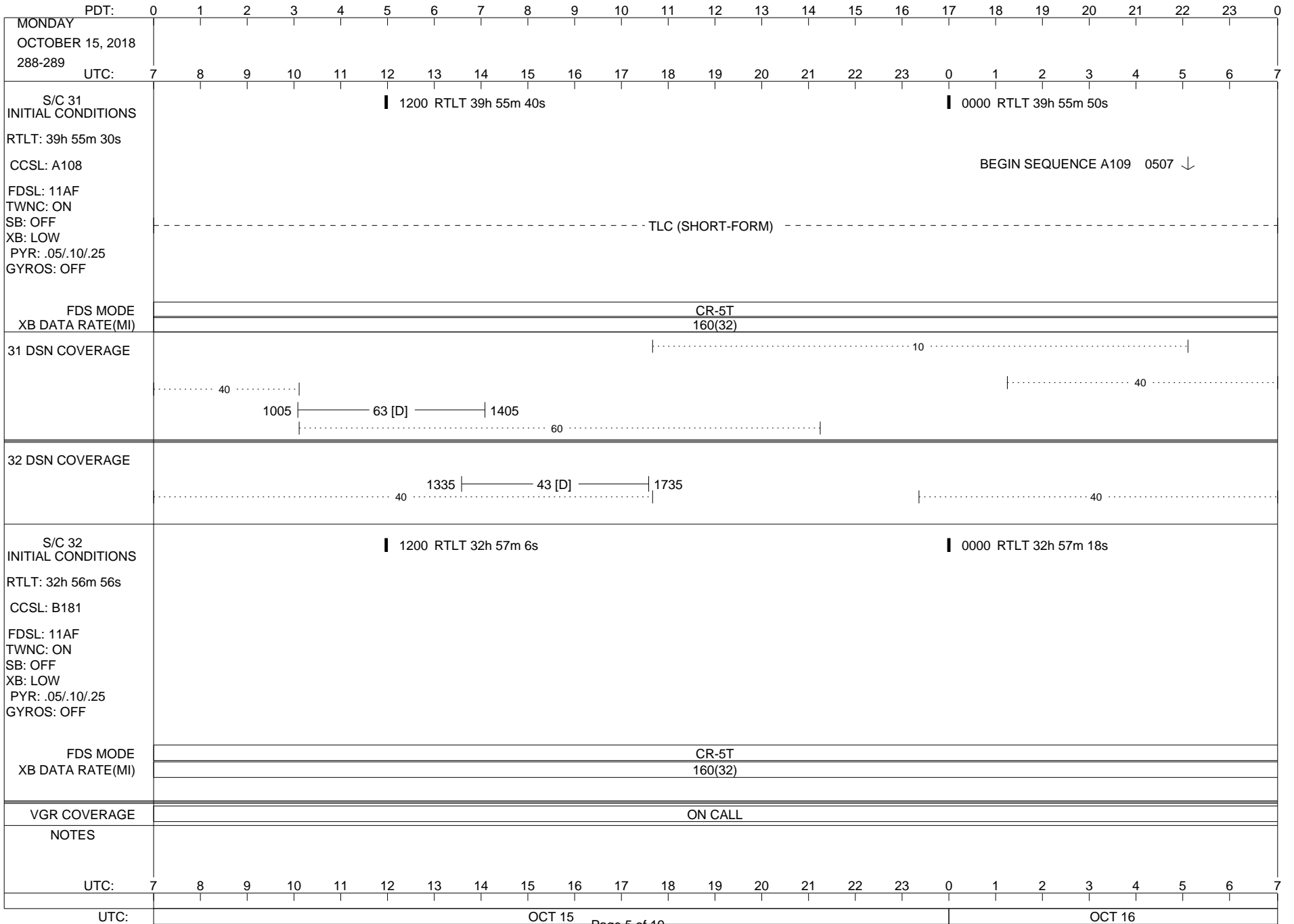
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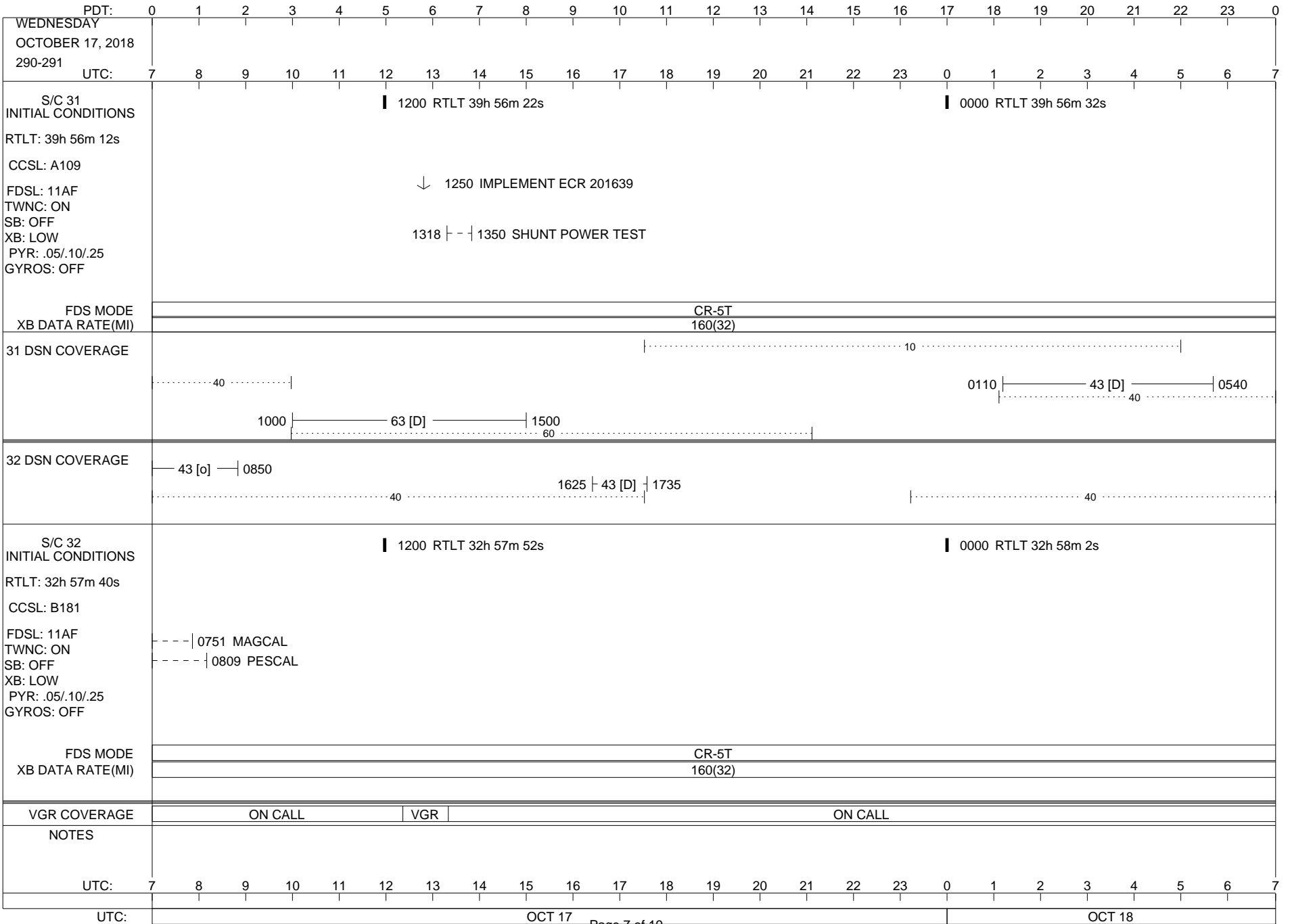
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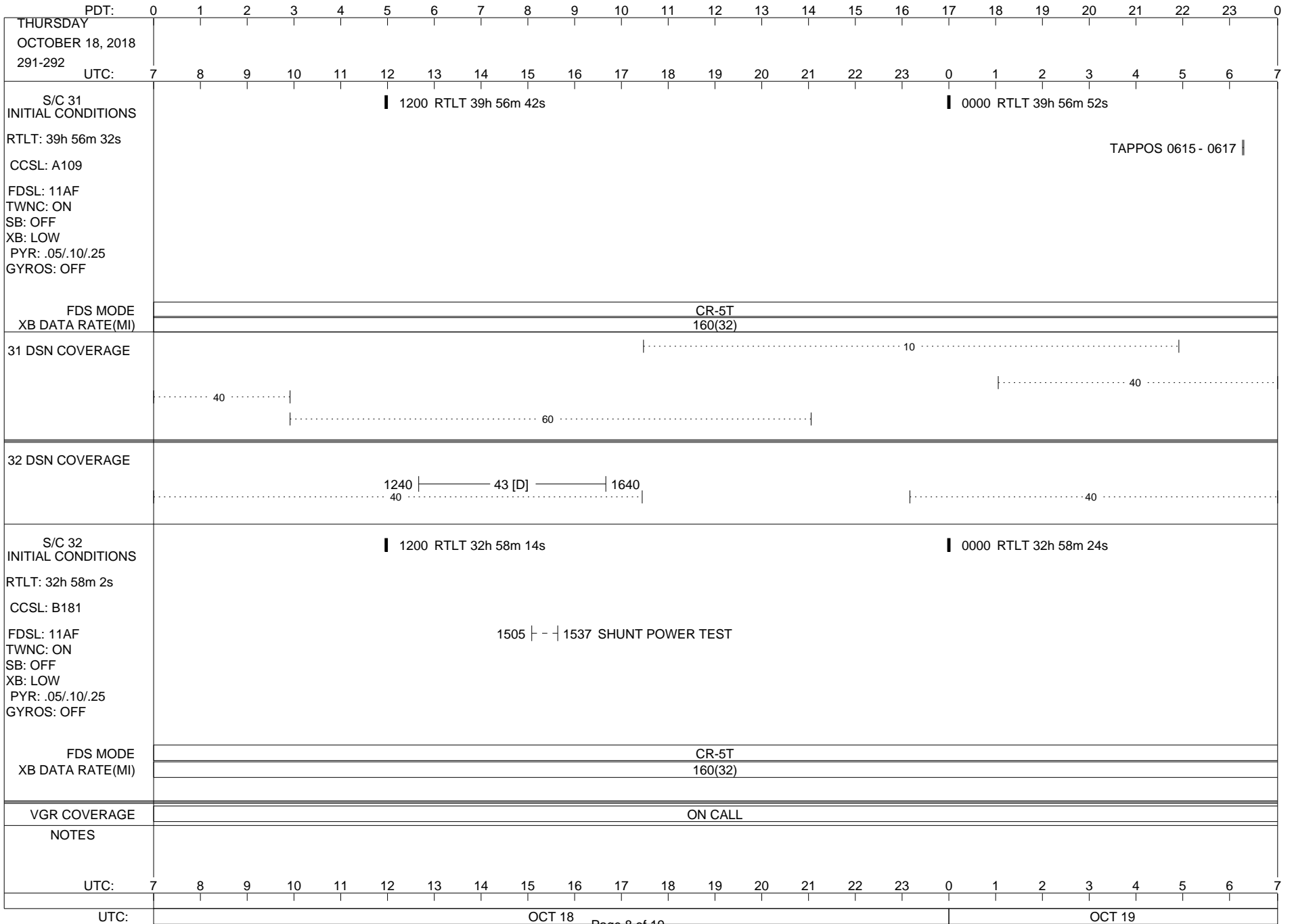
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<p>TUESDAY OCTOBER 16, 2018 289-290</p>																																					
<p>S/C 31 INITIAL CONDITIONS RTLT: 39h 55m 50s CCSL: A109 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF</p>																																					
<p>1200 RTLT 39h 56m 2s   0000 RTLT 39h 56m 12s</p>																																					
<p>1040 *   1156 CCSA FULMRO</p>																																					
<p>TLC (SHORT-FORM)   D/L -   1323</p>																																					
<p>0304   0305 PWS/RH</p>																																					
<p>EL-40 1024 *   1156 CR-5T   0304 GS-4B 0305</p>																																					
<table border="1"> <tr> <td>FDS MODE</td> <td>CR-5T</td> <td>EL-40</td> <td>CR-5T</td> <td>CR-5T</td> </tr> <tr> <td>XB DATA RATE(MI)</td> <td>160(32)</td> <td>40(30)</td> <td>160(32)</td> <td>160(32)</td> </tr> </table>																												FDS MODE	CR-5T	EL-40	CR-5T	CR-5T	XB DATA RATE(MI)	160(32)	40(30)	160(32)	160(32)
FDS MODE	CR-5T	EL-40	CR-5T	CR-5T																																	
XB DATA RATE(MI)	160(32)	40(30)	160(32)	160(32)																																	
<p>31 DSN COVERAGE</p>																																					
<p>40   10   40</p>																																					
<p>0950   63 [D]   1405</p>																																					
<p>60</p>																																					
<p>32 DSN COVERAGE</p>																																					
<p>1140   43 [D]   1730   0450   43 [o]</p>																																					
<p>40   40</p>																																					
<p>S/C 32 INITIAL CONDITIONS RTLT: 32h 57m 18s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF</p>																																					
<p>1200 RTLT 32h 57m 28s   0000 RTLT 32h 57m 40s</p>																																					
<p>0449 - 0631   PLSCAL -   0449   - MAGCAL - - 0449   - PESCAL - -</p>																																					
<table border="1"> <tr> <td>FDS MODE</td> <td>CR-5T</td> </tr> <tr> <td>XB DATA RATE(MI)</td> <td>160(32)</td> </tr> </table>																												FDS MODE	CR-5T	XB DATA RATE(MI)	160(32)						
FDS MODE	CR-5T																																				
XB DATA RATE(MI)	160(32)																																				
<table border="1"> <tr> <td>VGR COVERAGE</td> <td>ON CALL</td> <td>VGR</td> <td>ON CALL</td> </tr> </table>																												VGR COVERAGE	ON CALL	VGR	ON CALL						
VGR COVERAGE	ON CALL	VGR	ON CALL																																		
<p>NOTES</p>																																					
<p>[1] S/C 31=EL-40 @ 1024 XB=40(30) [2] S/C 31=CR-5T @ 1156 XB=160(32) [3] S/C 31=GS-4B @ 0304 XB=2.8K(41) NOT RECOVERABLE</p>																																					
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UTC:	OCT 16														OCT 17																						

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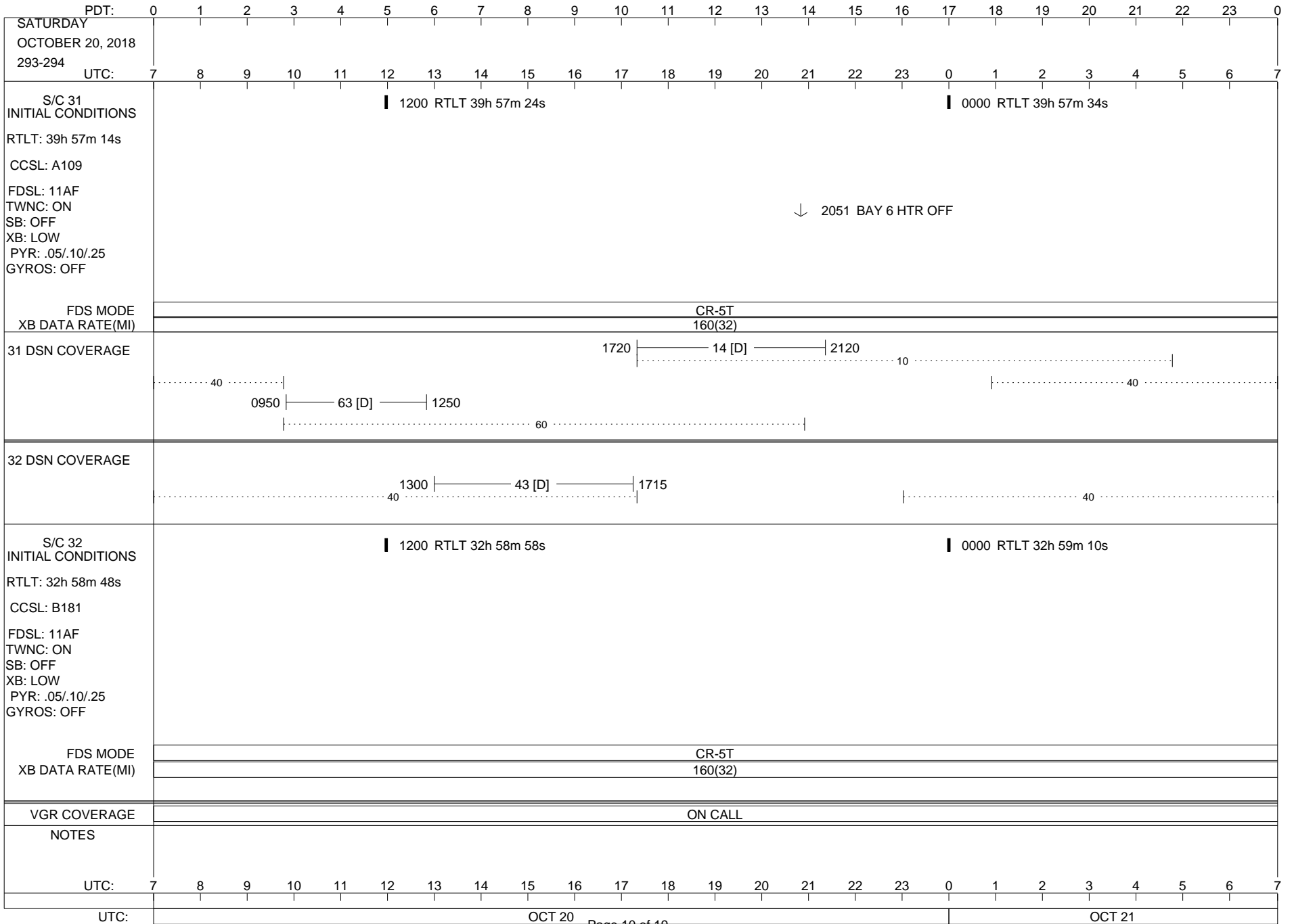
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FRIDAY OCTOBER 19, 2018 292-293																																										
S/C 31 INITIAL CONDITIONS RTLT: 39h 56m 52s CCSL: A109 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 57m 4s 0917    0919 PWS/RH 0929   0941 TAPPOS ↓ 1251 BAY 6 HTR ON ↓ 0917 GS-4B 0919														0000 RTLT 39h 57m 14s																											
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)														CR-5T 160(32)																											
31 DSN COVERAGE																																										
32 DSN COVERAGE																																										
S/C 32 INITIAL CONDITIONS RTLT: 32h 58m 24s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 58m 36s														0000 RTLT 32h 58m 48s																											
FDS MODE XB DATA RATE(MI)															CR-5T 160(32)																											
VGR COVERAGE	ON CALL														VGR														ON CALL													
NOTES	[1] S/C 31=GS-4B @ 0917 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 19														OCT 20																											

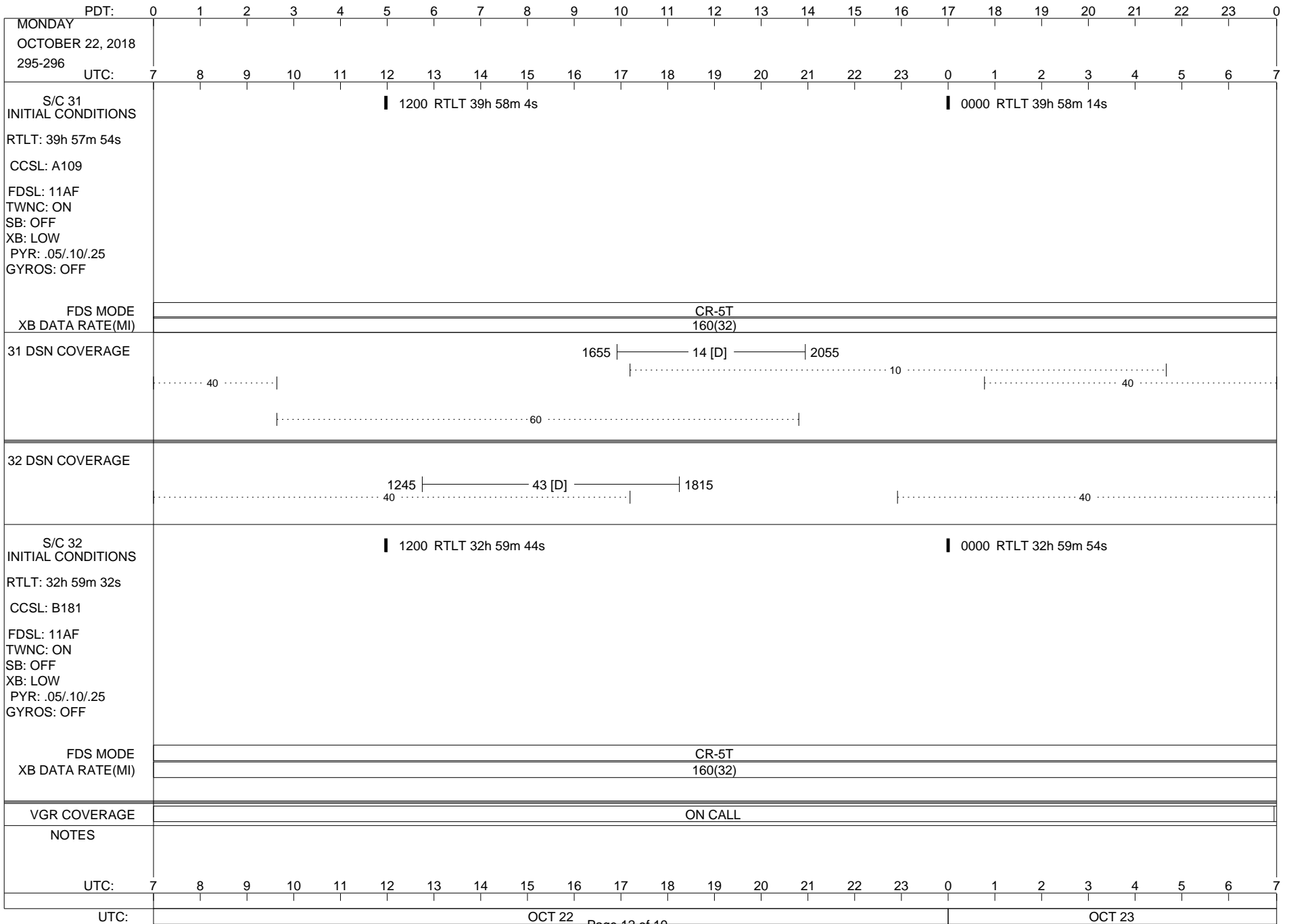
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SUNDAY OCTOBER 21, 2018 294-295																									
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S/C 31 INITIAL CONDITIONS RTLT: 39h 57m 34s CCSL: A109 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 39h 57m 44s												█ 0000 RTLT 39h 57m 54s							
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 59m 10s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 32h 59m 20s												█ 0000 RTLT 32h 59m 32s							
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
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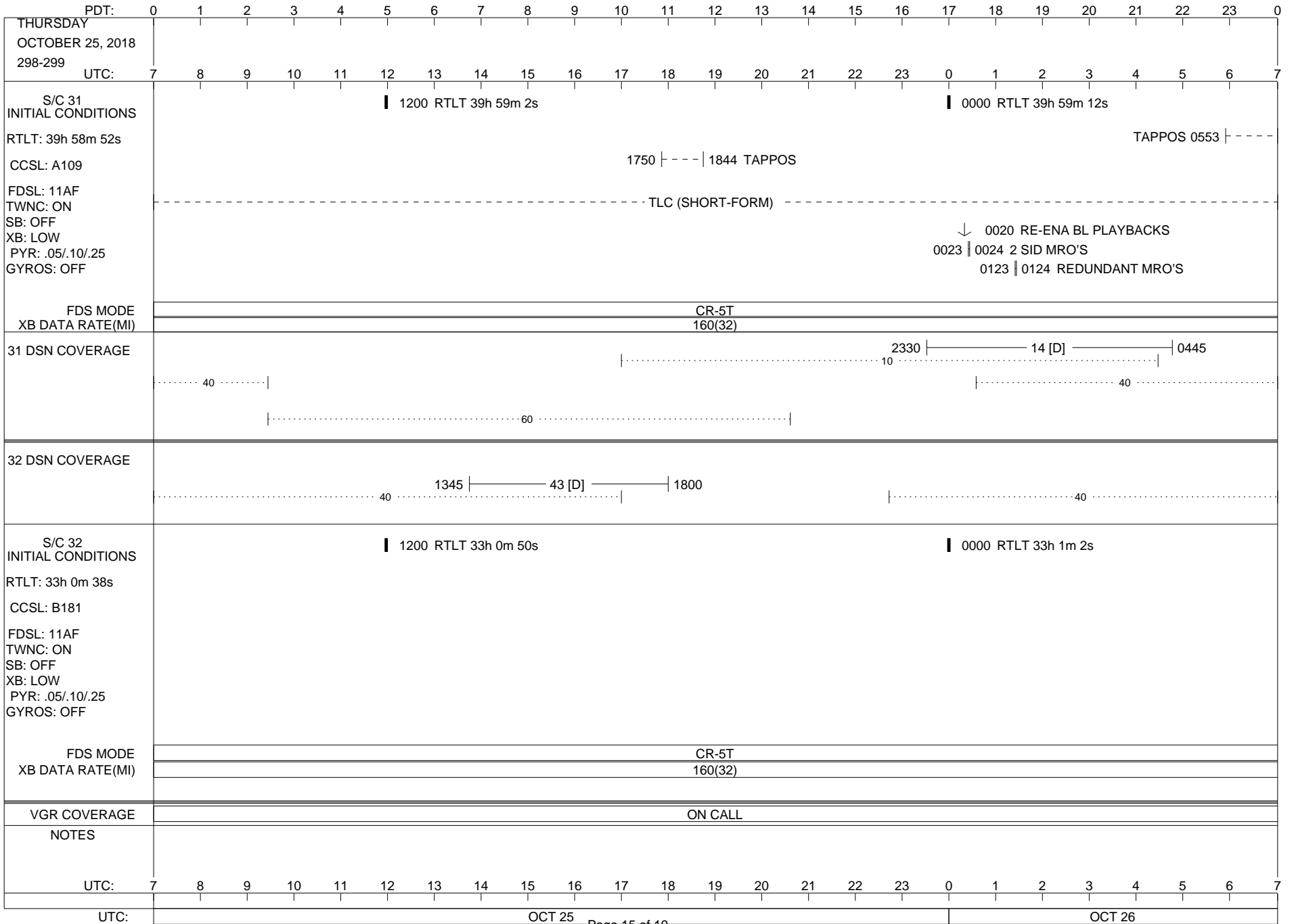
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TUESDAY OCTOBER 23, 2018 296-297	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 39h 58m 14s CCSL: A109 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 58m 24s												0000 RTLT 39h 58m 34s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	40												1820  ----- 14 [D] -----  2340  ----- 10 -----  40												
32 DSN COVERAGE	43 [B]  ----- 0730 - 1130 -----  40												1600  ----- 43 [D] -----  1810 40												
S/C 32 INITIAL CONDITIONS RTLT: 32h 59m 54s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 0m 6s												0000 RTLT 33h 0m 16s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	VGR ON CALL												VGR ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0241 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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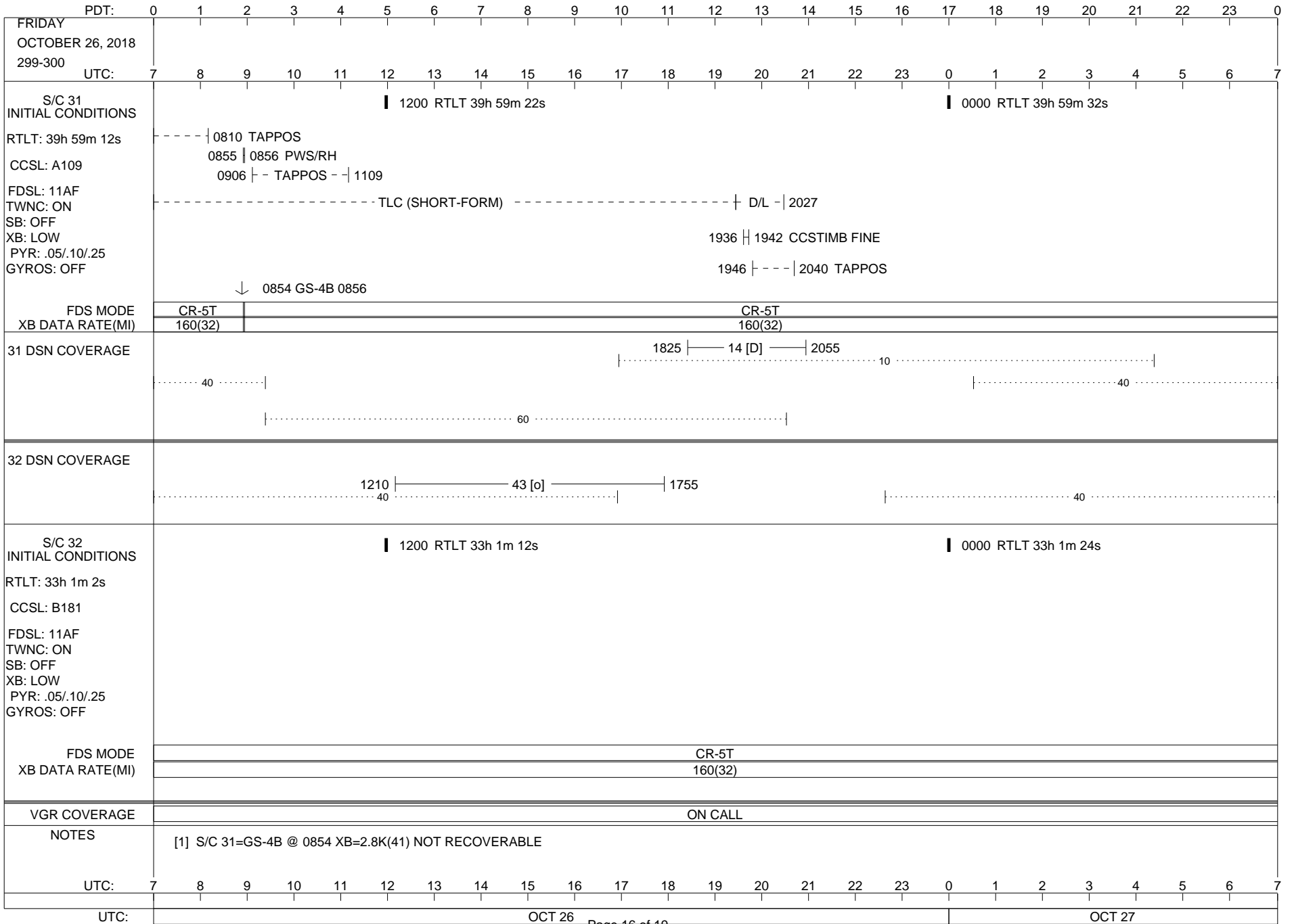
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WEDNESDAY OCTOBER 24, 2018 297-298																									
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S/C 31 INITIAL CONDITIONS RTLT: 39h 58m 34s CCSL: A109 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 39h 58m 44s												█ 0000 RTLT 39h 58m 52s							
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 33h 0m 16s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 33h 0m 28s												█ 0000 RTLT 33h 0m 38s							
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
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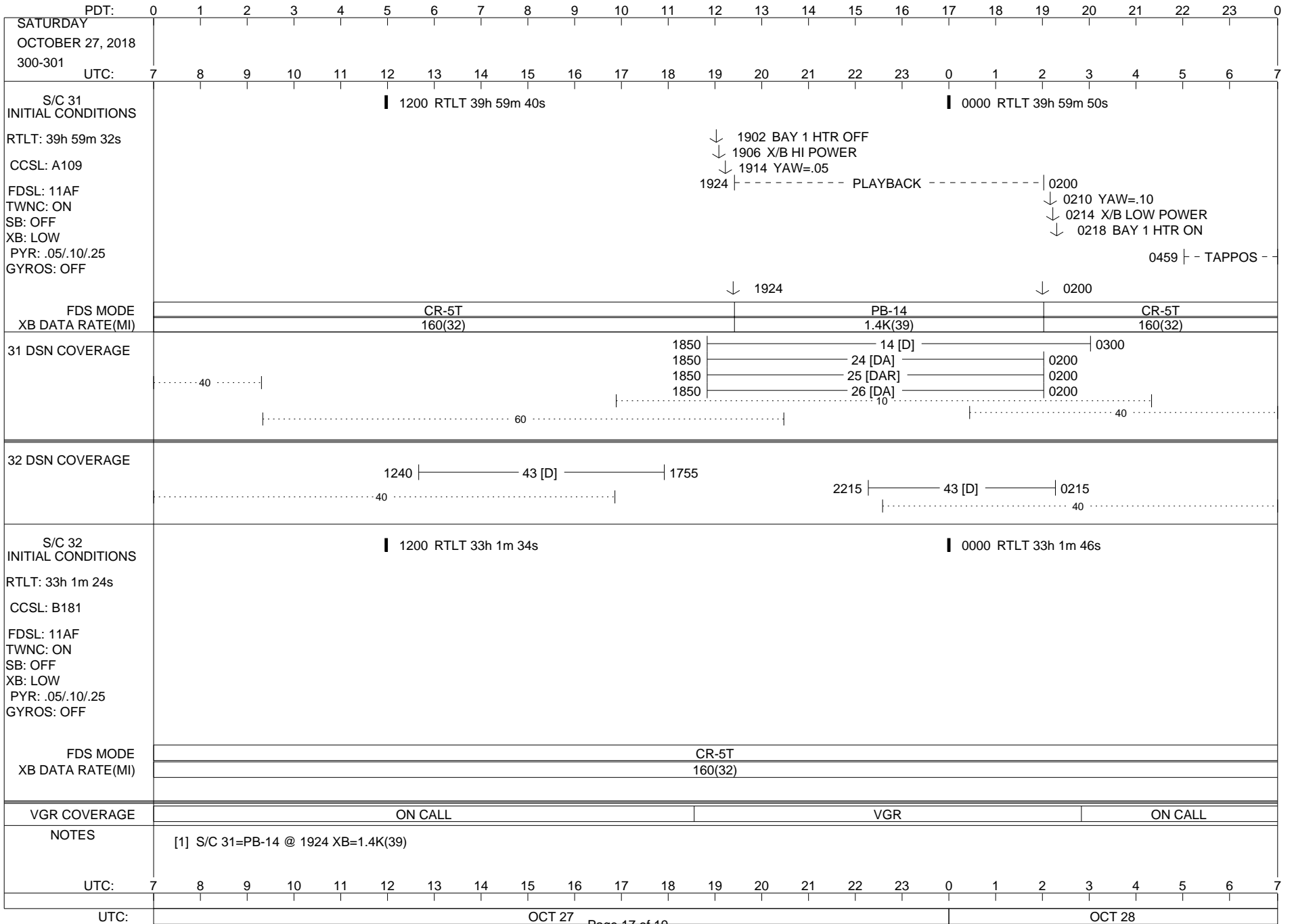




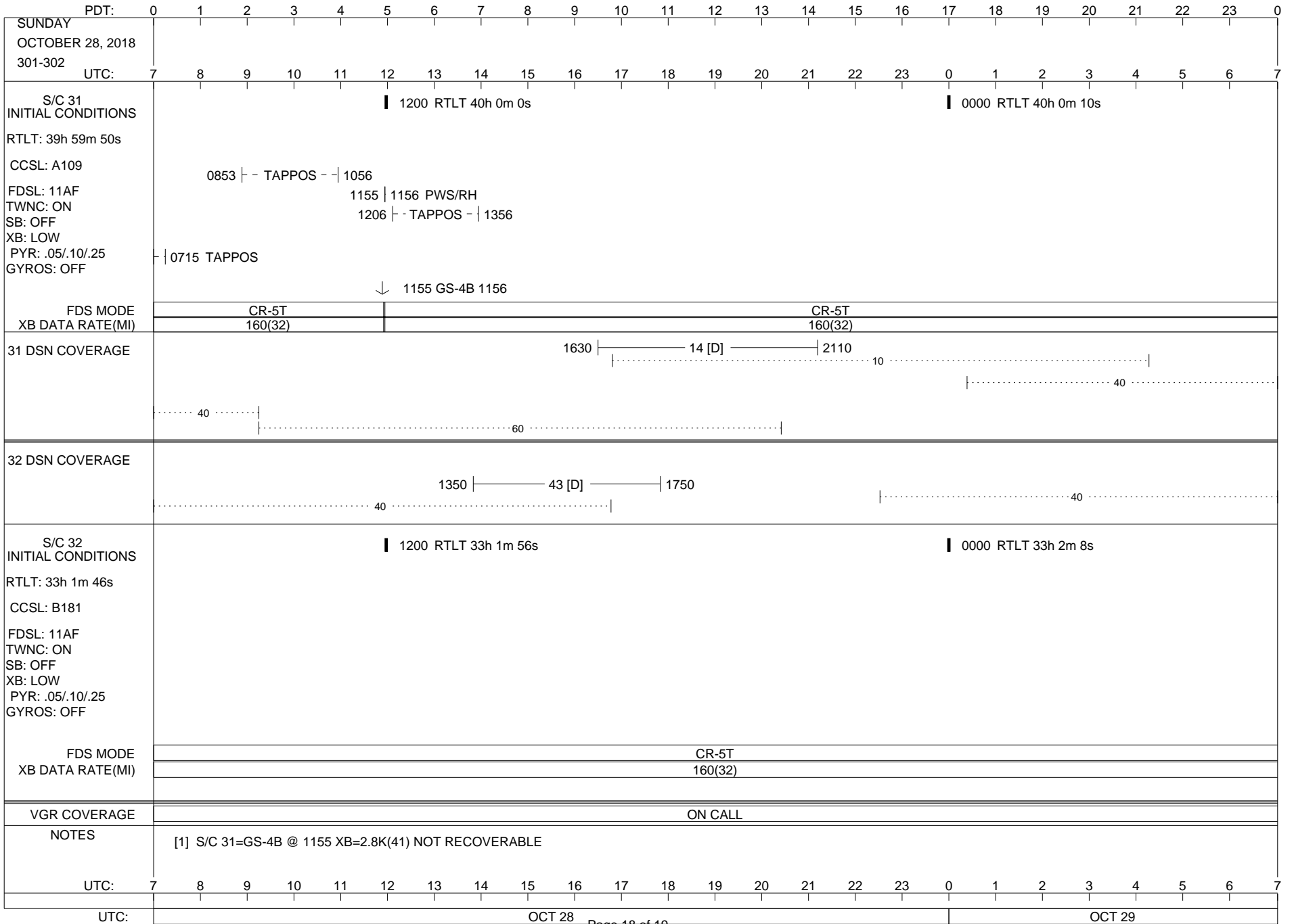
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