

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: October 1, 2014

For the Period: 10/02/14 to 10/20/14 (14-275 – 14-293)

**DSN OPSCHIEF (1) 230-102**

**DSOT (1) 230-102**

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**FLIGHT TEAM (14) 600-100**

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 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

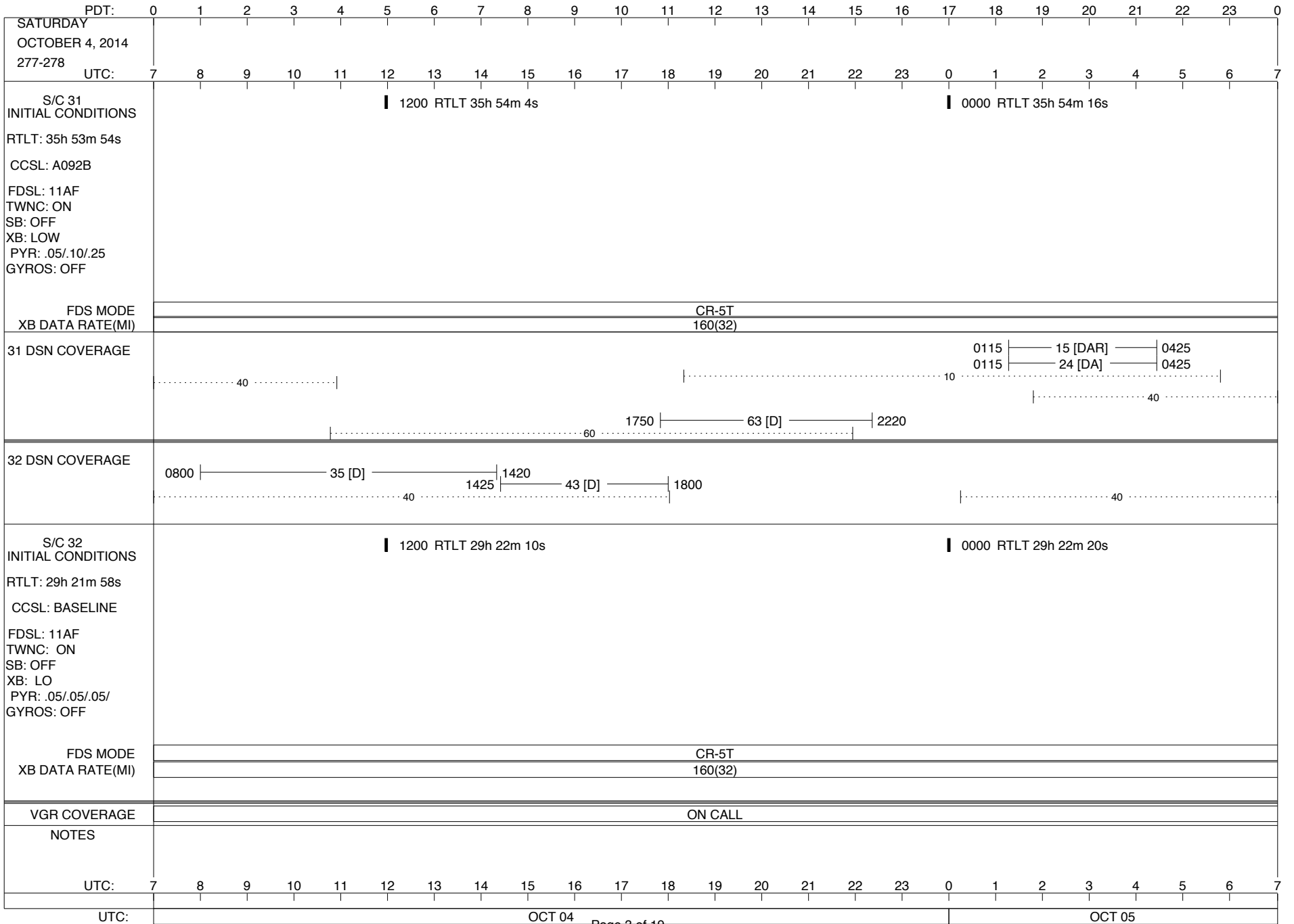
\*Electronic Copy Only  
 (16 – Dist/N: Paper Copies)  
 09/08/10



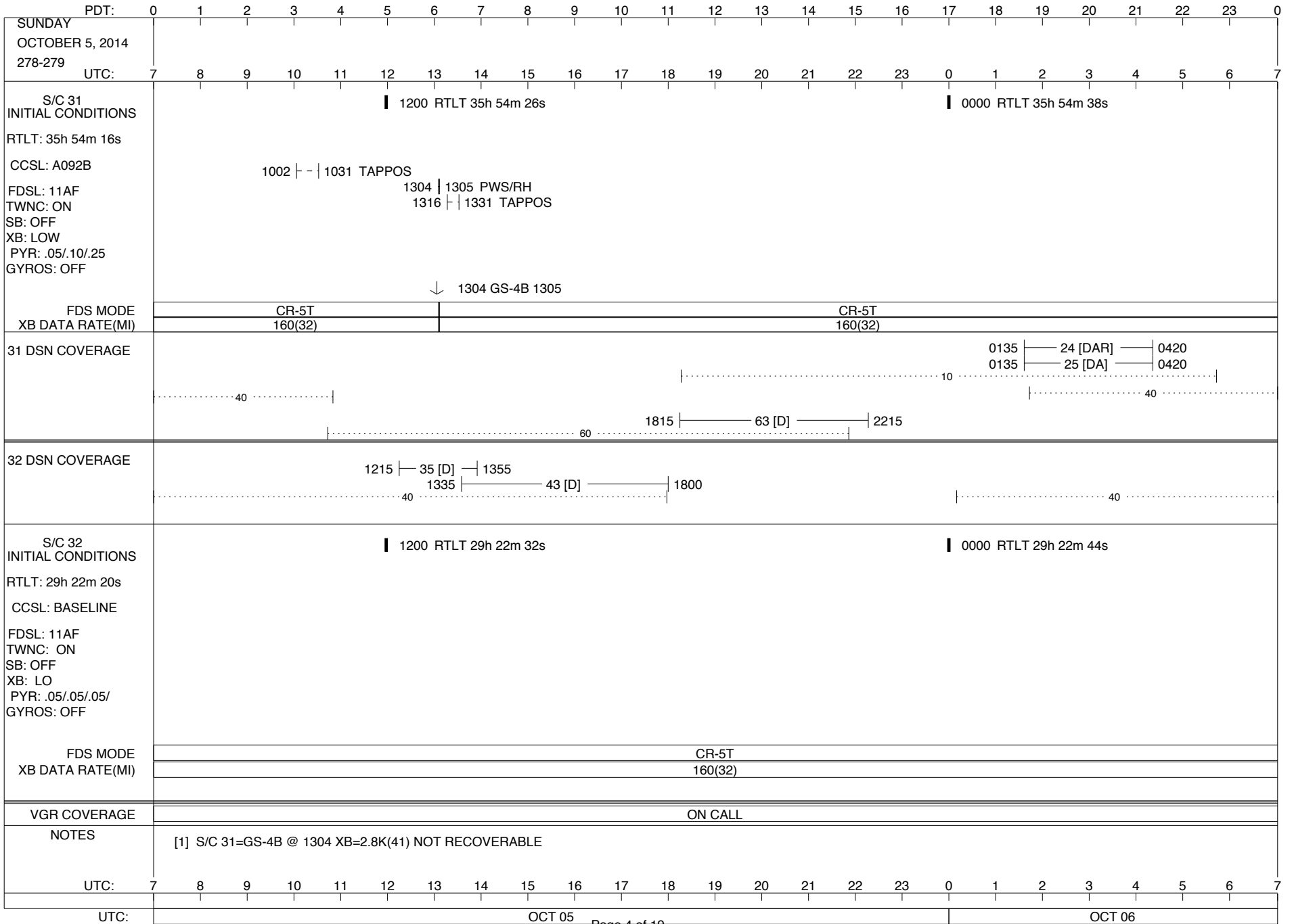
ISSUE DATE: 10/02/14 07:23

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FRIDAY OCTOBER 3, 2014 276-277							
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 53m 30s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 35h 53m 42s</p> <p>0000 RTLT 35h 53m 54s</p> <p>TLC (LONG-FORM) ----- D/L -  0531</p> <p>0702- 0745 TAPPOS 1003   1005 PWS/RH 1015   1044 TAPPOS</p> <p>↓ 1003 GS-4B 1005</p> <table border="1"> <tr> <td>FDS MODE</td> <td>CR-5T</td> <td>CR-5T</td> </tr> <tr> <td>XB DATA RATE(MI)</td> <td>160(32)</td> <td>160(32)</td> </tr> </table>	FDS MODE	CR-5T	CR-5T	XB DATA RATE(MI)	160(32)	160(32)
FDS MODE	CR-5T	CR-5T					
XB DATA RATE(MI)	160(32)	160(32)					
31 DSN COVERAGE	<p>0330   14 [D]   0545</p> <p>40 ..... 60 ..... 40</p>						
32 DSN COVERAGE	<p>35 [D] ..... 1445</p> <p>40 ..... 1425 ..... 43 [D] ..... 1805 ..... 40</p>						
S/C 32 INITIAL CONDITIONS RTLTL: 29h 21m 36s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LO PYR: .05/.05/.05/ GYROS: OFF	<p>1200 RTLT 29h 21m 46s</p> <p>0000 RTLT 29h 21m 58s</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)						
VGR COVERAGE	ON CALL						
NOTES	[1] S/C 31=GS-4B @ 1003 XB=2.8K(41) NOT RECOVERABLE						
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UTC: OCT 03 Page 2 of 19 OCT 04							

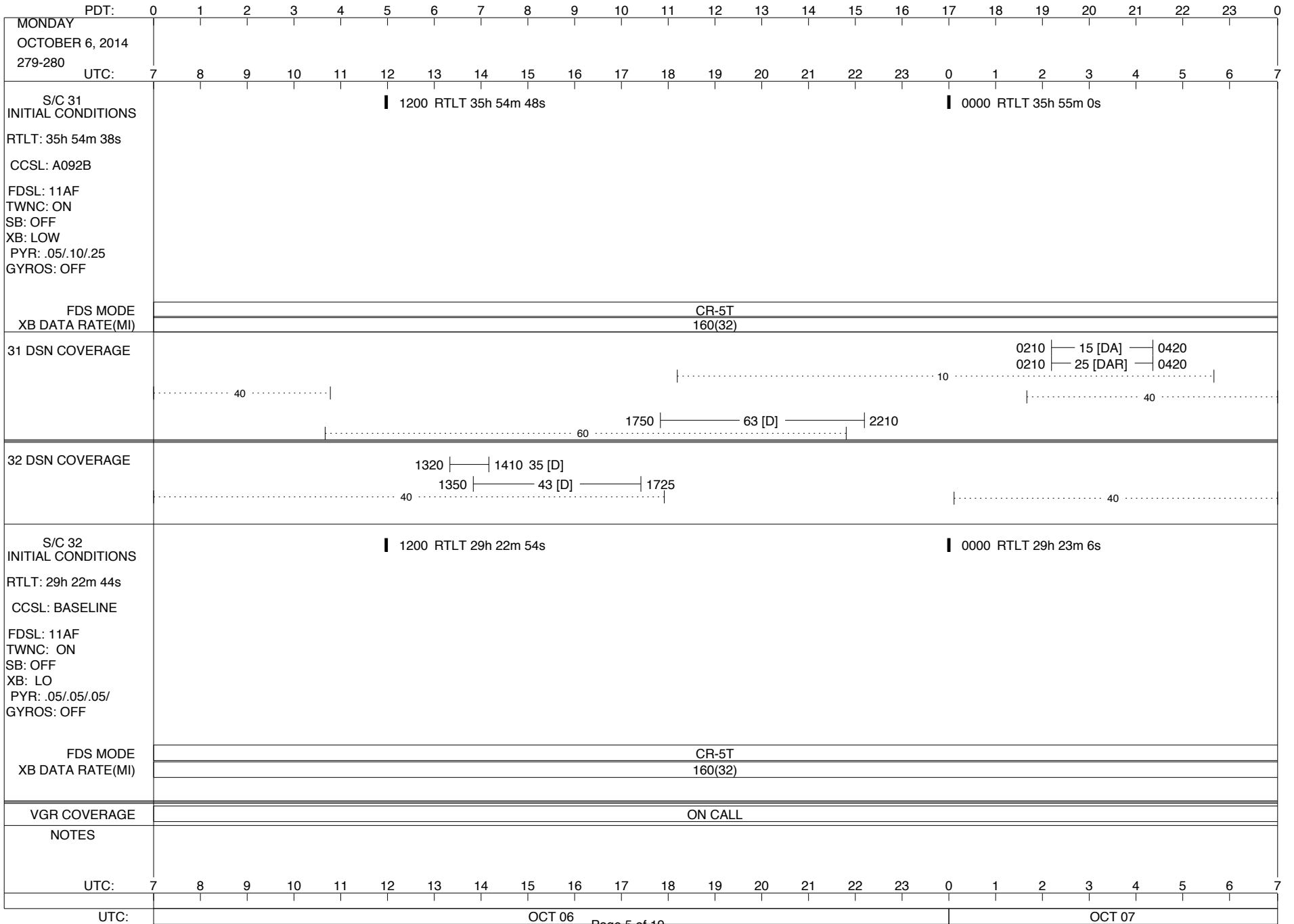
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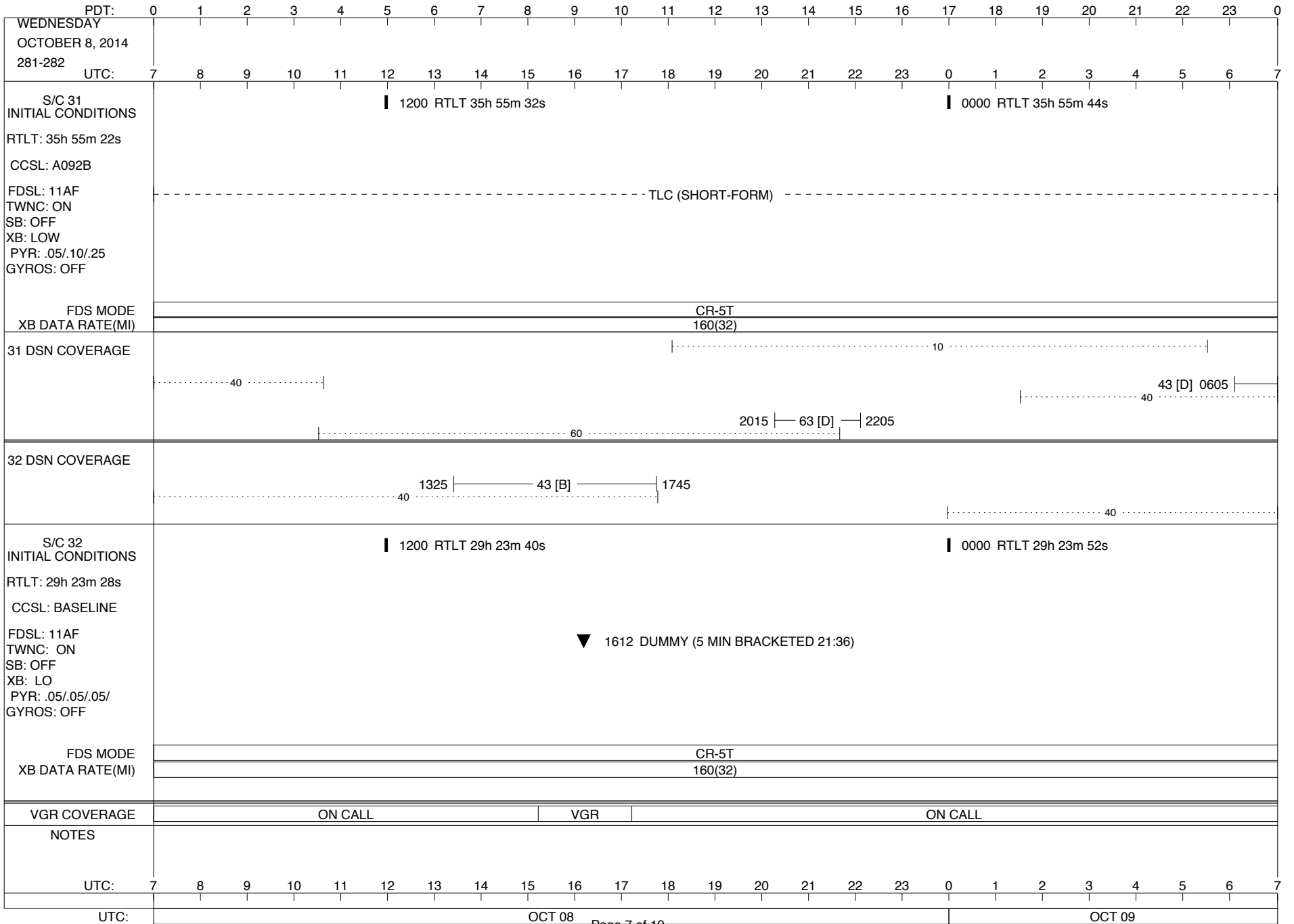


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TUESDAY																										
OCTOBER 7, 2014																										
280-281																										
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S/C 31 INITIAL CONDITIONS						1200											0000									
RTLTL: 35h 55m 0s																										
CCSL: A092B																										
FDSL: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: LOW																										
PYR: .05/.10/.25																										
GYROS: OFF																										
FDS MODE																										
XB DATA RATE(MI)																										
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS						1200											0000									
RTLTL: 29h 23m 6s																										
CCSL: BASELINE																										
FDSL: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: LO																										
PYR: .05/.05/.05/																										
GYROS: OFF																										
FDS MODE																										
XB DATA RATE(MI)																										
VGR COVERAGE																										
NOTES																										
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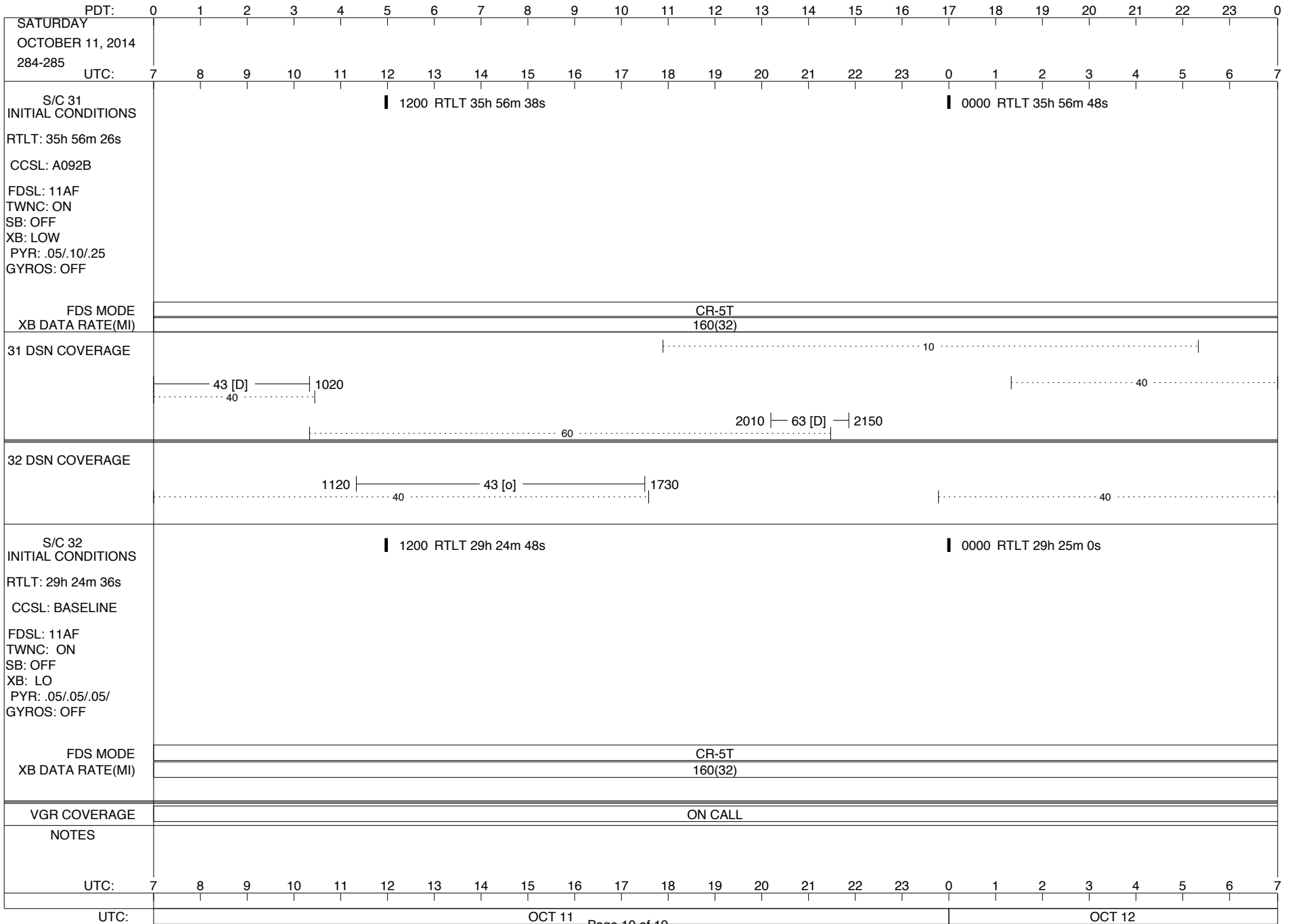
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S/C 31 INITIAL CONDITIONS RTLTL: 35h 55m 44s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 55m 54s * 0734 MEM RESTORE & AUTCTR ADJ * 0740 - 0742 4 CCSA SID MRO'S TLC (SHORT-FORM) D/L - 1018 * 0827    0834 CCSTIM FINE * 0927    0930 CCSTIM COARSE												0000 RTLT 35h 56m 6s TAPPOS 0639												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	43 [D] 1035 40 1745 63 [D] 2200 60												10 40												
32 DSN COVERAGE	0945 34 [o] 1400 1340 43 [D] 1740 40												40												
S/C 32 INITIAL CONDITIONS RTLTL: 29h 23m 52s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LO PYR: .05/.05/.05/ GYROS: OFF	1200 RTLT 29h 24m 2s												0000 RTLT 29h 24m 14s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	VGR												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
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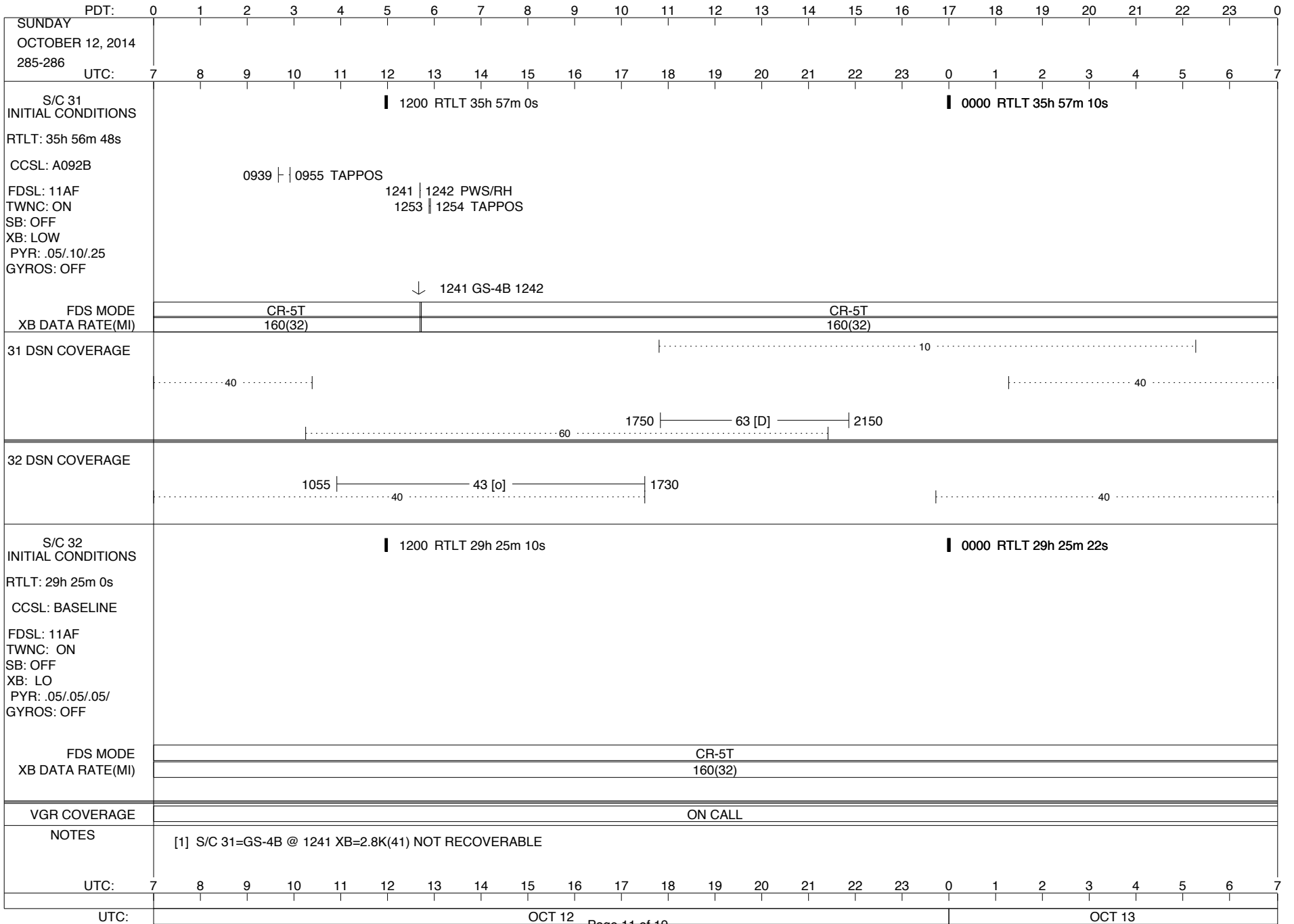
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FRIDAY																													
OCTOBER 10, 2014																													
283-284																													
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S/C 31 INITIAL CONDITIONS		1200 RTLT 35h 56m 16s											0000 RTLT 35h 56m 26s																
RTLT: 35h 56m 6s																													
CCSL: A092B																													
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/.10/.25																													
GYROS: OFF																													
FDS MODE		CR-5T											CR-5T																
XB DATA RATE(MI)		160(32)											160(32)																
31 DSN COVERAGE		<p>..... 40 .....</p> <p>..... 1755  ----- 63 [D] -----  2155</p> <p>..... 60 .....</p> <p>..... 0600   43 [D] .....</p>																											
32 DSN COVERAGE		<p>..... 1040  ----- 43 [D] -----  1735</p> <p>..... 40 .....</p> <p>..... 40 .....</p>																											
S/C 32 INITIAL CONDITIONS		1200 RTLT 29h 24m 26s											0000 RTLT 29h 24m 36s																
RTLT: 29h 24m 14s																													
CCSL: BASELINE																													
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: LO																													
PYR: .05/.05/.05/																													
GYROS: OFF																													
FDS MODE													CR-5T																
XB DATA RATE(MI)													160(32)																
VGR COVERAGE		ON CALL																											
NOTES		[1] S/C 31=GS-4B @ 0941 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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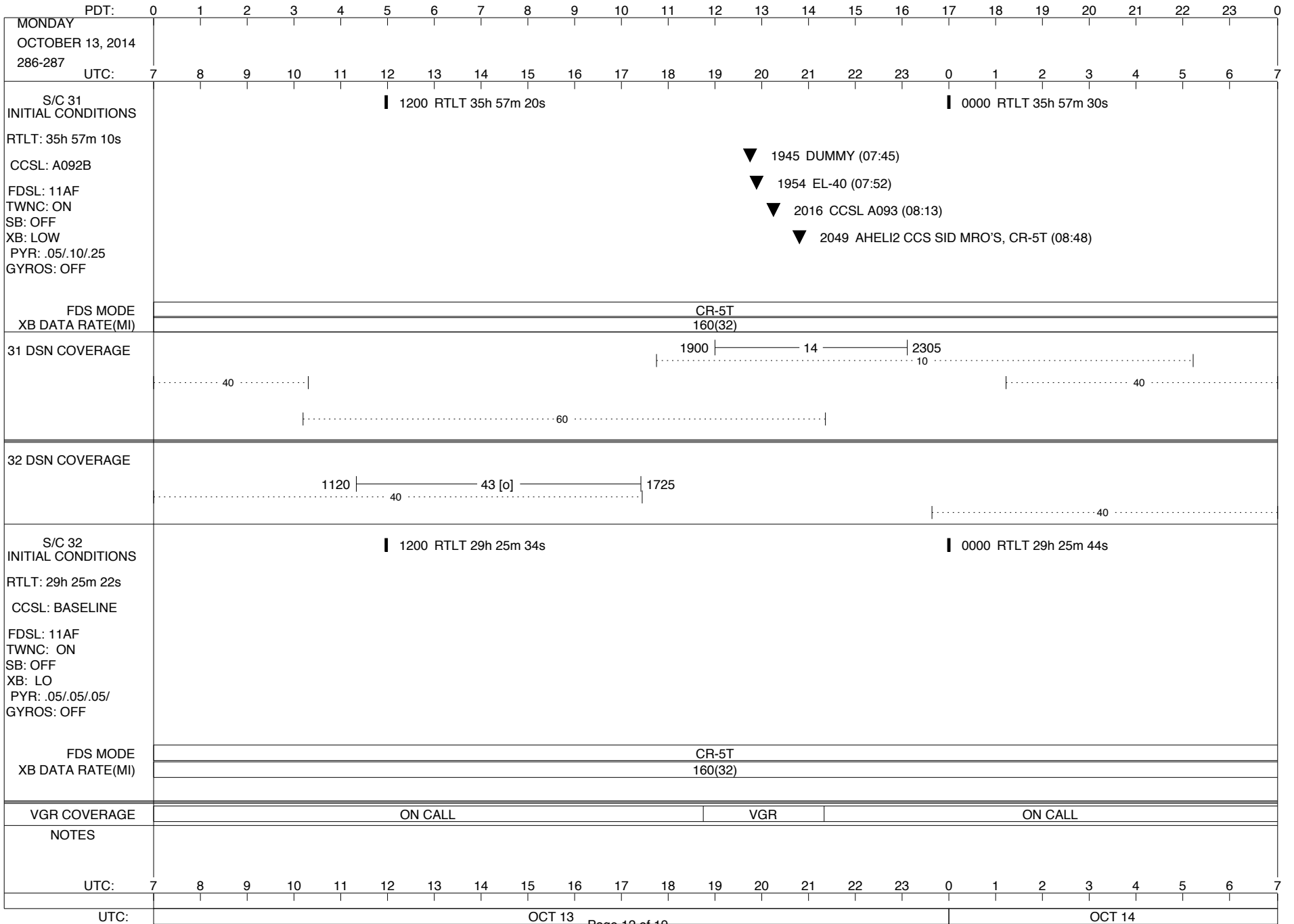
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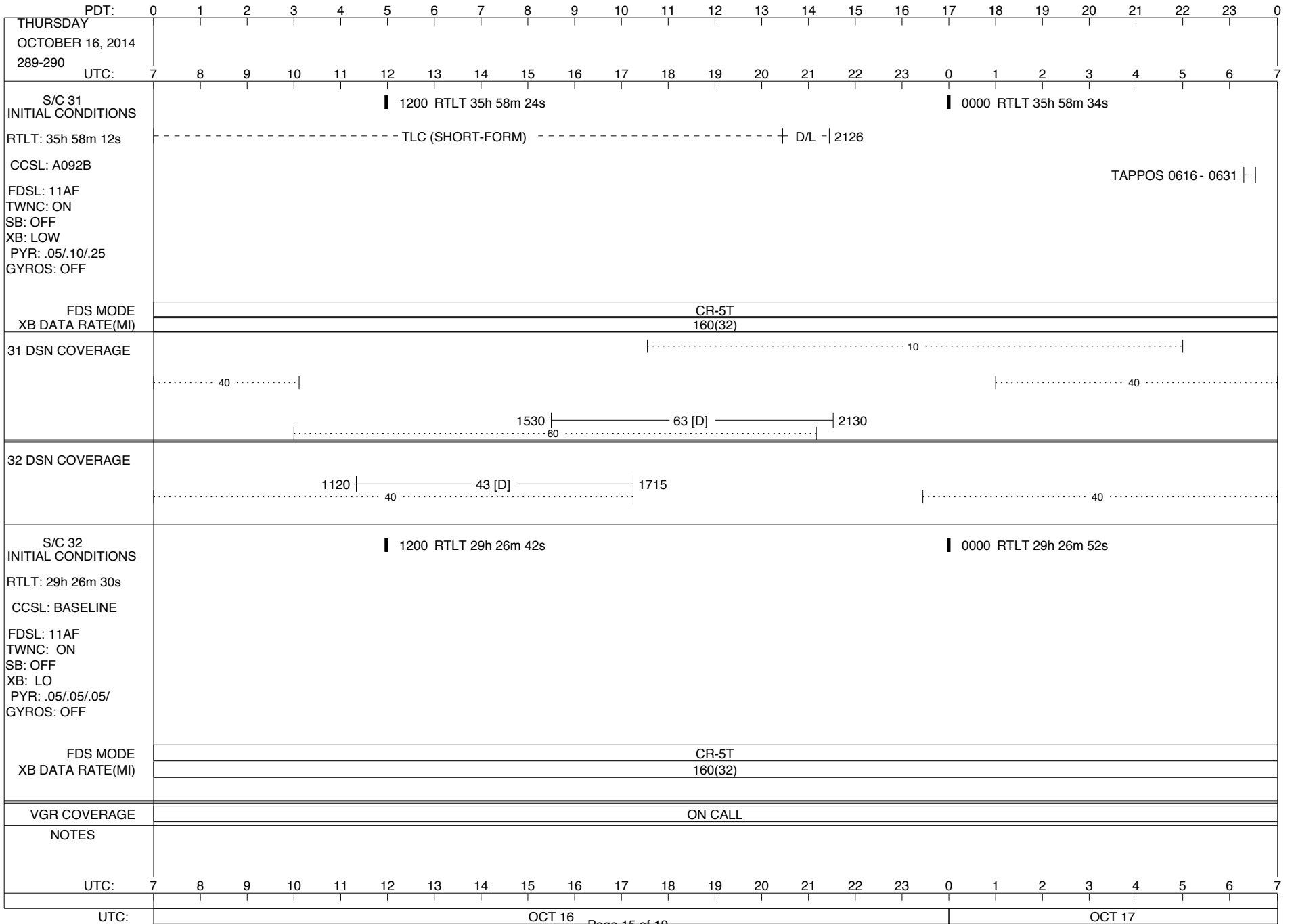
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TUESDAY OCTOBER 14, 2014 287-288																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 35h 57m 30s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF																										
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 RTLTL: 29h 25m 44s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LO PYR: .05/.05/.05/ GYROS: OFF																										
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 @ 0305 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 14													OCT 15												

ISSUE DATE: 10/02/14 07:23

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WEDNESDAY																											
OCTOBER 15, 2014																											
288-289																											
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 35h 58m 2s												0000 RTLT 35h 58m 12s													
RTLTL: 35h 57m 52s U/L 0800		----- TLC (SHORT-FORM) -----																									
CCSL: A092B		* 0820    0828 A093 CHKSUM																									
FDSL: 11AF		* 0849    0851 2 AHEL12 MRO'S																									
TWNC: ON		* ↓ 0753 EL-40																									
SB: OFF		↓ 0853 CR-5T																									
XB: LOW																											
PYR: .05/.10/.25																											
GYROS: OFF																											
FDS MODE		EL-40												CR-5T													
XB DATA RATE(MI)		40(30)												160(32)													
31 DSN COVERAGE																											
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS		1200 RTLT 29h 26m 18s												0000 RTLT 29h 26m 30s													
RTLTL: 29h 26m 8s																											
CCSL: BASELINE																											
FDSL: 11AF																											
TWNC: ON																											
SB: OFF																											
XB: LO																											
PYR: .05/.05/.05/																											
GYROS: OFF																											
FDS MODE		CR-5T																									
XB DATA RATE(MI)		160(32)																									
VGR COVERAGE		VGR												ON CALL													
NOTES		[1] SC 31=EL-40 @ 0753 XB=40(30) [2] SC 31=CR-5T @ 0853 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	
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ISSUE DATE: 10/02/14 07:23

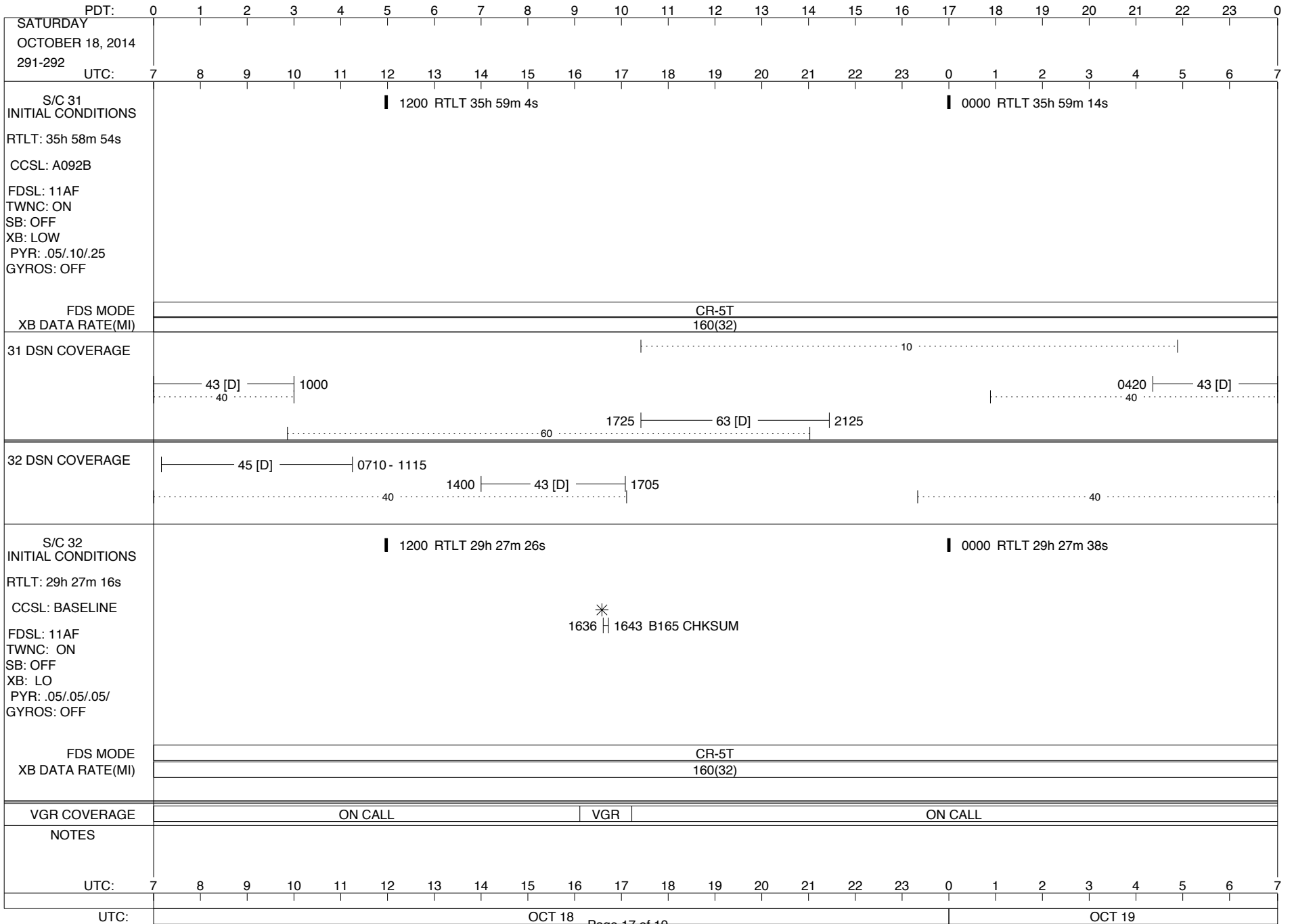




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S/C 31 INITIAL CONDITIONS RTLTL: 35h 58m 34s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 35h 58m 44s												0000 RTLTL 35h 58m 54s															
	0930   0931 TAPPOS 0918   0919 PWS/RH																											
	↓ 0918 GS-4B 0919																											
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	..... 40 .....												..... 10 .....															
	..... 40 .....												..... 0550   43 [D] .....															
	..... 1725   63 [D]   2125 .....												..... 60 .....															
32 DSN COVERAGE	..... 1045   43 [H]   1555 .....												..... 40 .....															
S/C 32 INITIAL CONDITIONS RTLTL: 29h 26m 52s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LO PYR: .05/.05/.05/ GYROS: OFF	1200 RTLTL 29h 27m 4s												0000 RTLTL 29h 27m 16s															
	▼ 1104 CCSL B165 (16:31)																											
	▼ 1130 DUMMY (16:57)																											
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
VGR COVERAGE	ON CALL				VGR				ON CALL																			
NOTES	[1] S/C 31=GS-4B @ 0918 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 17														OCT 18													

ISSUE DATE: 10/02/14 07:23



ISSUE DATE: 10/02/14 07:23

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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	
S/C 31 INITIAL CONDITIONS RTLTL: 35h 59m 14s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 35h 59m 24s												█ 0000 RTLTL 35h 59m 34s													
	0917   0918 TAPPOS												1218   1220 PWS/RH 1230   1243 TAPPOS													
	↓ 1218 GS-4B 1220																									
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	.....												.....													
	0735 43 [D]												40													
	40												40													
	0950   63 [D]   1115												2025   2120 63 [D]													
	.....												.....													
32 DSN COVERAGE	.....												.....													
	1110   43 [D]   1625												40													
	40												40													
S/C 32 INITIAL CONDITIONS RTLTL: 29h 27m 38s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LO PYR: .05/.05/.05/ GYROS: OFF	█ 1200 RTLTL 29h 27m 50s												█ 0000 RTLTL 29h 28m 0s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE													ON CALL													
NOTES	[1] S/C 31=GS-4B @ 1218 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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ISSUE DATE: 10/02/14 07:23

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S/C 31 INITIAL CONDITIONS RTLT: 35h 59m 34s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 59m 46s																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE														1825  ----- 14 [D] -----  2225 ..... 40 .....  ..... 60 .....													
32 DSN COVERAGE														..... 40 ..... 1255  ----- 43 [D] -----  1700													
S/C 32 INITIAL CONDITIONS RTLT: 29h 28m 0s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LO PYR: .05/.05/.05/ GYROS: OFF	1200 RTLT 29h 28m 12s																										
FDS MODE XB DATA RATE(MI)														CR-5T 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 20													OCT 21													