

<b>VOYAGER</b> <b>Space Flight Operations Schedule (SFOS)</b>
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Issue Date: October 2, 2018

For the Period: 10/03/18 to 10/15/18 (18/277 – 18/295)

**DSN OPSCHIEF**                      **230-102**

**SCIENCE**

**FLIGHT TEAM**

**600-100**

**DSOT**                                      **230-102**

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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

ISSUE DATE: 09/27/18 14:18

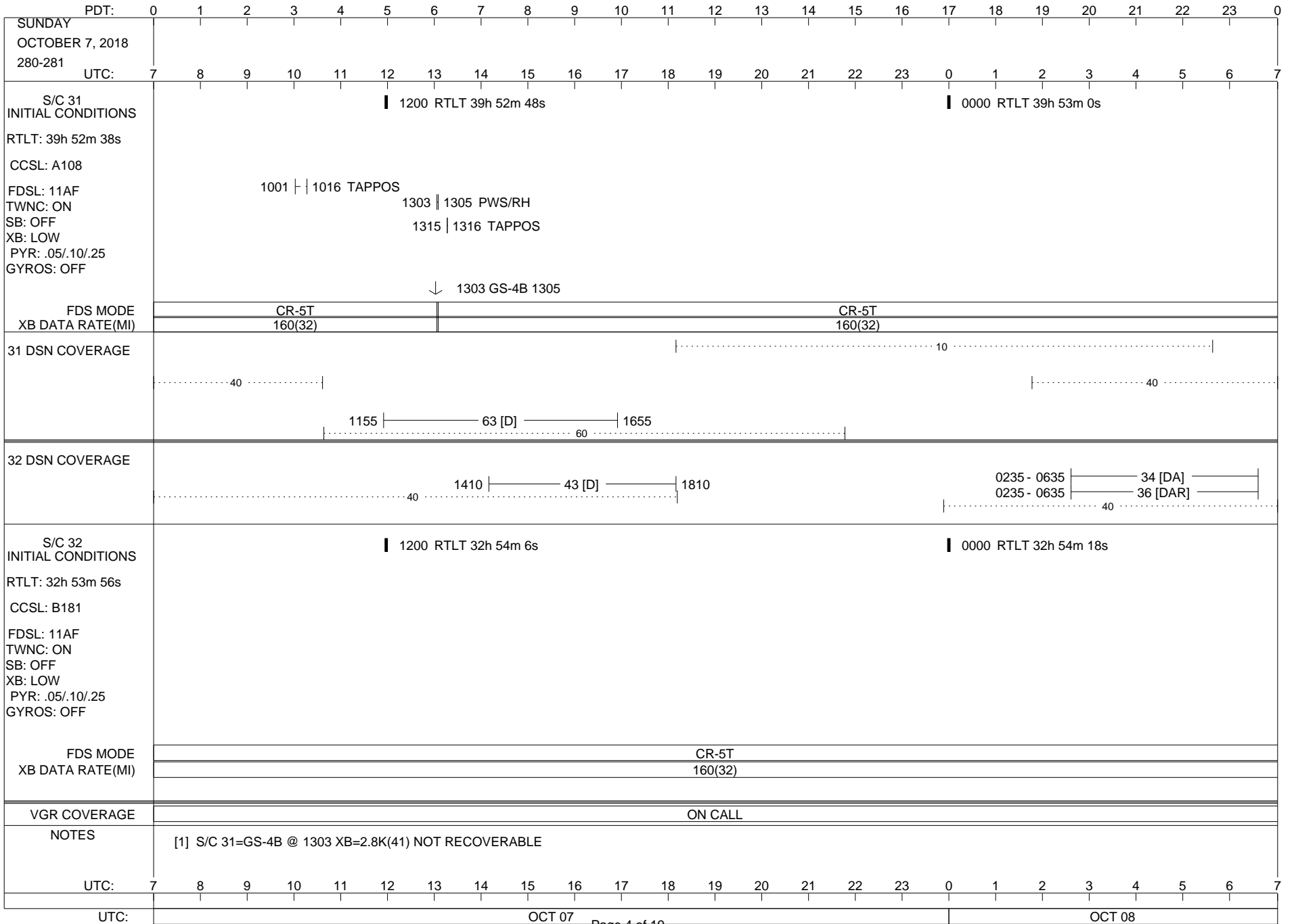
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THURSDAY OCTOBER 4, 2018 277-278																									
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S/C 31 INITIAL CONDITIONS RTLT: 39h 51m 30s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 51m 42s												0000 RTLT 39h 51m 52s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	.....40.....												.....10.....												
	.....40.....												.....40.....												
	.....60.....												1945  -----63 [1]----- 2220												
32 DSN COVERAGE	.....40.....												1505  -----43 [D]----- 1820												
S/C 32 INITIAL CONDITIONS RTLT: 32h 52m 48s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 53m 0s												0000 RTLT 32h 53m 10s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	ON CALL												VGR						ON CALL						
NOTES	[1] DSS-63 LP TXR DRV OFF <= 21:57.																								
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 04												OCT 05												

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FRIDAY OCTOBER 5, 2018 278-279	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 51m 52s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 39h 52m 4s												0000 RTLT 39h 52m 16s												
	- -   0701 - 0730 TAPPOS 1003   1004 PWS/RH 1015     1030 TAPPOS																								
	↓ 1003 GS-4B 1004																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	.....												.....  10 .....												
	.....40 .....												.....1545  ----- 63 [D] -----  1950 .....												
	.....												.....40 .....												
	.....												.....40 .....												
32 DSN COVERAGE	.....												.....  40 .....												
	.....1415  ----- 43 [D] -----  1815 .....												.....40 .....												
S/C 32 INITIAL CONDITIONS RTLT: 32h 53m 10s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 32h 53m 22s												0000 RTLT 32h 53m 32s												
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																								
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 05												OCT 06												

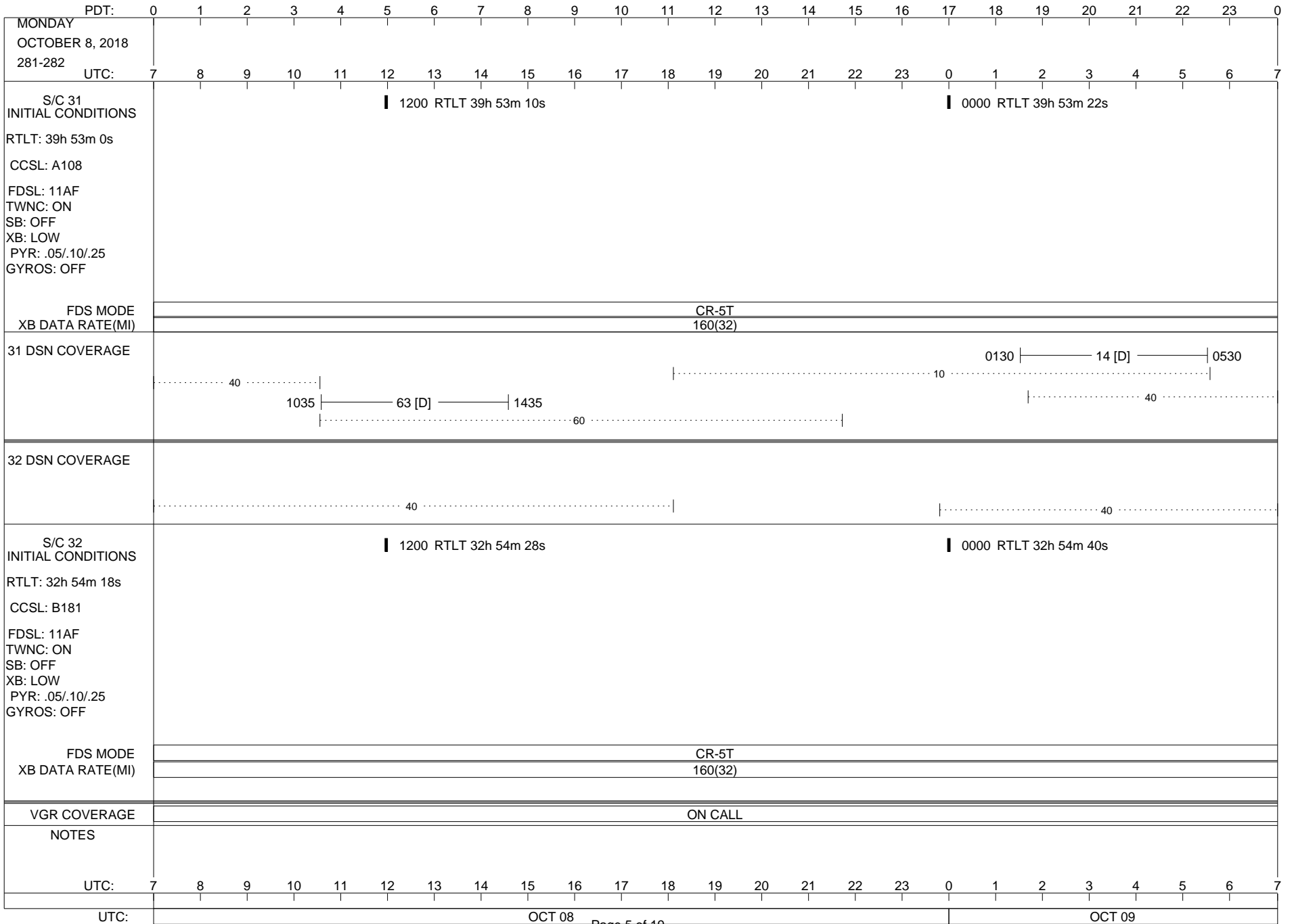
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SATURDAY OCTOBER 6, 2018 279-280																														
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7					
S/C 31 INITIAL CONDITIONS RTLT: 39h 52m 16s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 52m 26s												0000 RTLT 39h 52m 38s																	
FDS MODE	CR-5T						EL-40						CR-5T																	
XB DATA RATE(MI)	160(32)						40(30)						160(32)																	
31 DSN COVERAGE	.....40.....												.....40.....																	
	.....40.....												.....40.....																	
	1045  ----- 63 [D] -----  1505												.....60.....																	
32 DSN COVERAGE	.....40.....												.....40.....																	
	.....40.....												.....40.....																	
S/C 32 INITIAL CONDITIONS RTLT: 32h 53m 32s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 53m 44s												0000 RTLT 32h 53m 56s																	
FDS MODE	CR-5T																													
XB DATA RATE(MI)	160(32)																													
VGR COVERAGE	ON CALL						VGR						ON CALL						VGR						ON CALL					
NOTES	[2] S/C 31=CR-5T @ 1349 XB=160(32) [1] S/C 31=EL-40 @ 1249 XB=40(30)																													
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: 09/27/18 14:18



ISSUE DATE: 09/27/18 14:18



ISSUE DATE: 09/27/18 14:18

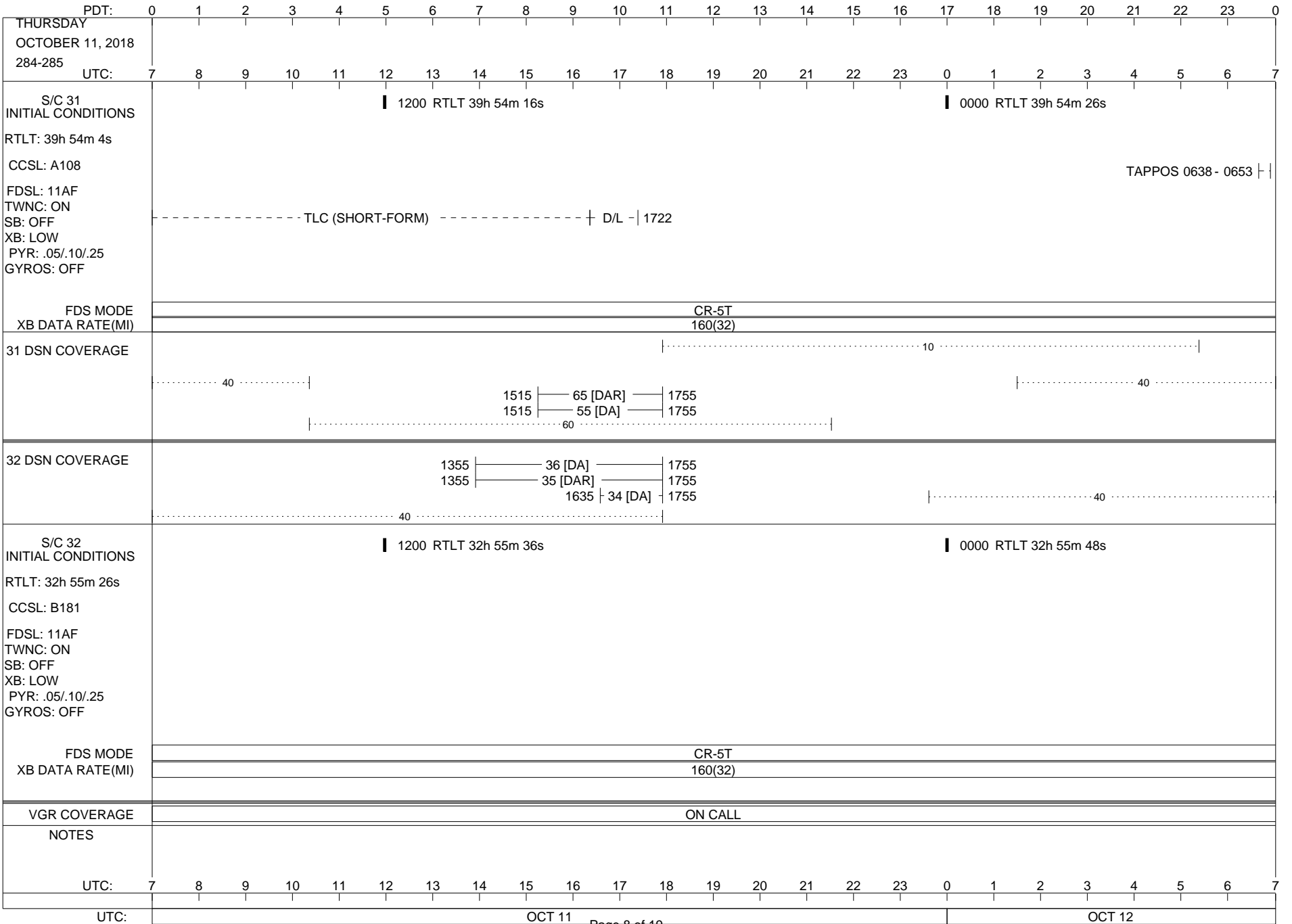
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TUESDAY OCTOBER 9, 2018 282-283																												
S/C 31 INITIAL CONDITIONS RTLT: 39h 53m 22s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 39h 53m 32s</p>												<p>0000 RTLT 39h 53m 44s</p> <p>2254  --- MAGCAL ---  0156 2254  --- PESCAL ---  0214</p> <p>▼ 2335 DUMMY (15:29)</p> <p>U/L 0000  ---  TLC (SHORT-FORM) -----</p> <p>0327   0327 PWS/RH</p> <p>↓ 0327 GS-4B 0327</p>															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
31 DSN COVERAGE	<p>2245  ----- 14 [T1] -----  0230</p> <p>..... 40 .....  ----- 40 -----</p> <p>..... 60 .....</p>																											
32 DSN COVERAGE	<p>1600  --- 36 [DA] ---  1800 1600  --- 34 [DA] ---  1800 1600  --- 35 [DAR] ---  1800</p> <p>..... 40 .....</p> <p>..... 40 .....</p>																											
S/C 32 INITIAL CONDITIONS RTLT: 32h 54m 40s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 32h 54m 52s</p>												<p>0000 RTLT 32h 55m 2s</p>															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																											
VGR COVERAGE	ON CALL														VGR		ON CALL											
NOTES	<p>[1] A109A BACKUP U/L TRACK [2] S/C 31=GS-4B @ 0327 XB=2.8K(41) NOT RECOVERABLE</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 09														OCT 10													

ISSUE DATE: 09/27/18 14:18

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			
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			
WEDNESDAY OCTOBER 10, 2018 283-284																												
S/C 31 INITIAL CONDITIONS RTLT: 39h 53m 44s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 53m 54s												0000 RTLT 39h 54m 4s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLT: 32h 55m 2s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 55m 14s												0000 RTLT 32h 55m 26s															
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 10														OCT 11													

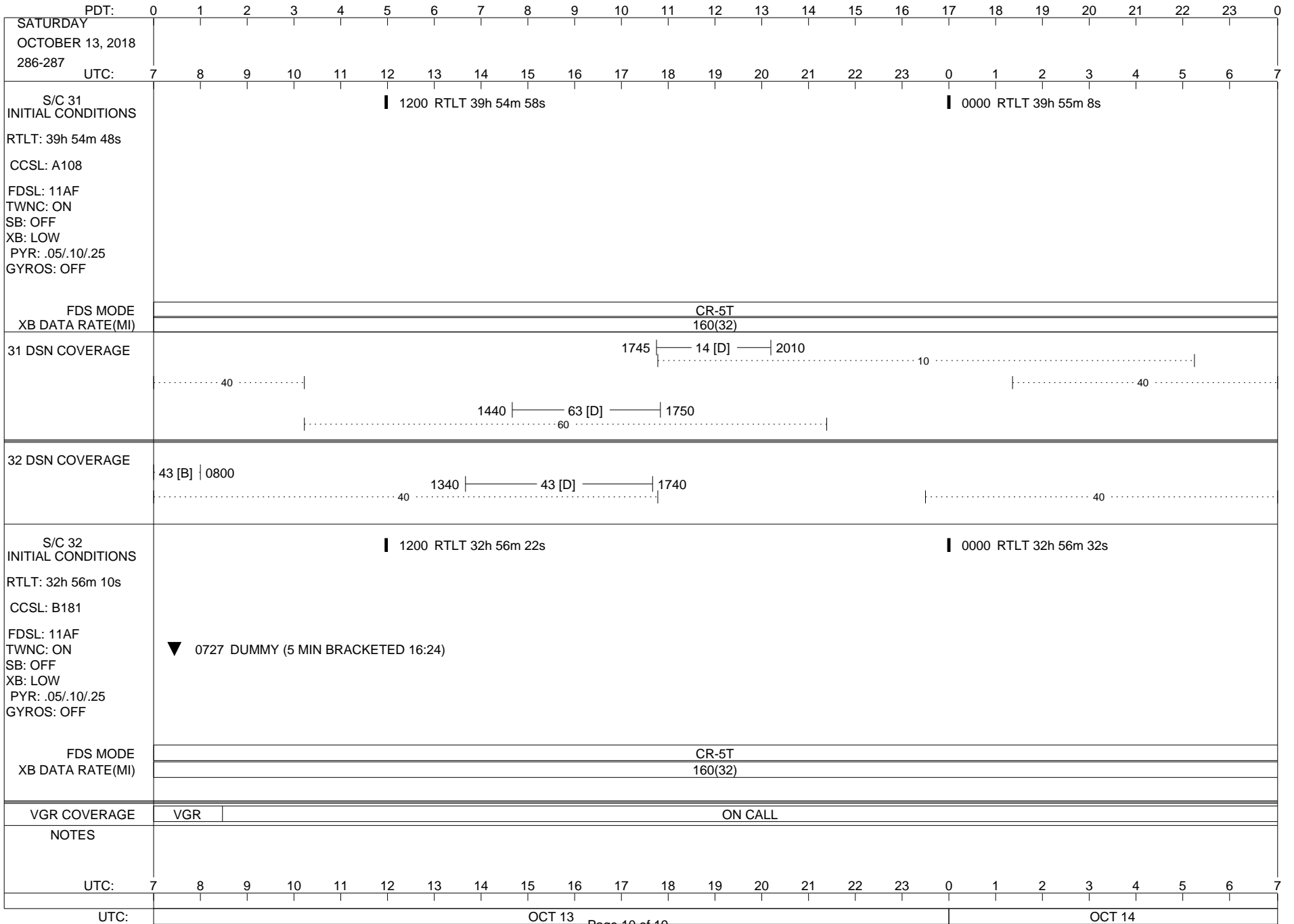


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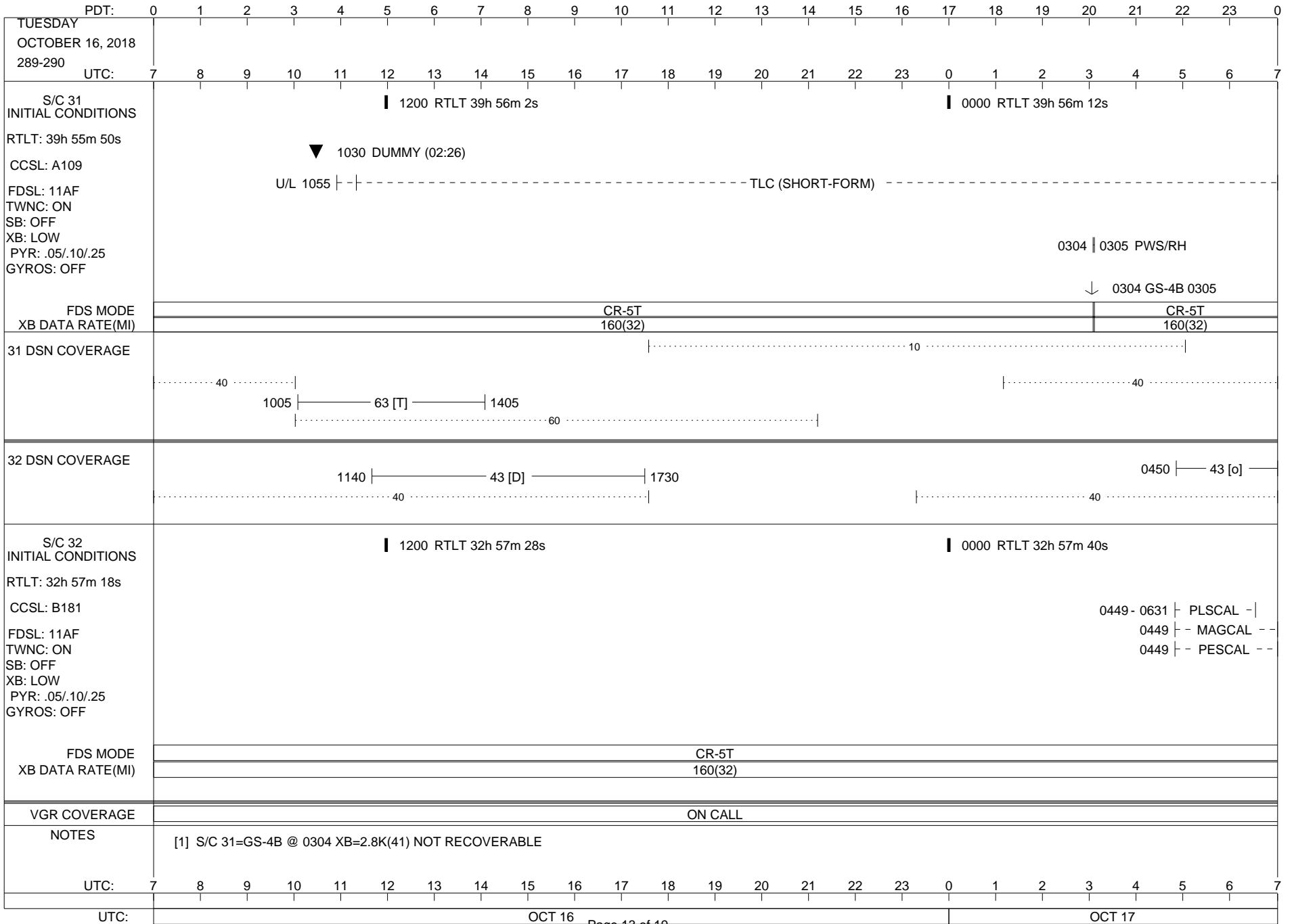
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FRIDAY OCTOBER 12, 2018 285-286	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 39h 54m 26s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 39h 54m 36s									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

ISSUE DATE: 09/27/18 14:18



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
SUNDAY OCTOBER 14, 2018 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: 39h 55m 8s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 55m 20s												0000 RTLT 39h 55m 30s												
	0939   0940 TAPPOS												1241    1242 PWS/RH 1252     1305 TAPPOS												
	↓ 1240 GS-4B 1242																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	.....40 .....												1745  ----- 14 [D] -----  2145 .....10 .....												
	.....60 .....												.....40 .....												
32 DSN COVERAGE	.....40 .....												1340  ----- 43 [D] -----  1740 .....40 .....												
S/C 32 INITIAL CONDITIONS RTLTL: 32h 56m 32s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 56m 44s												0000 RTLT 32h 56m 56s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1240 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												



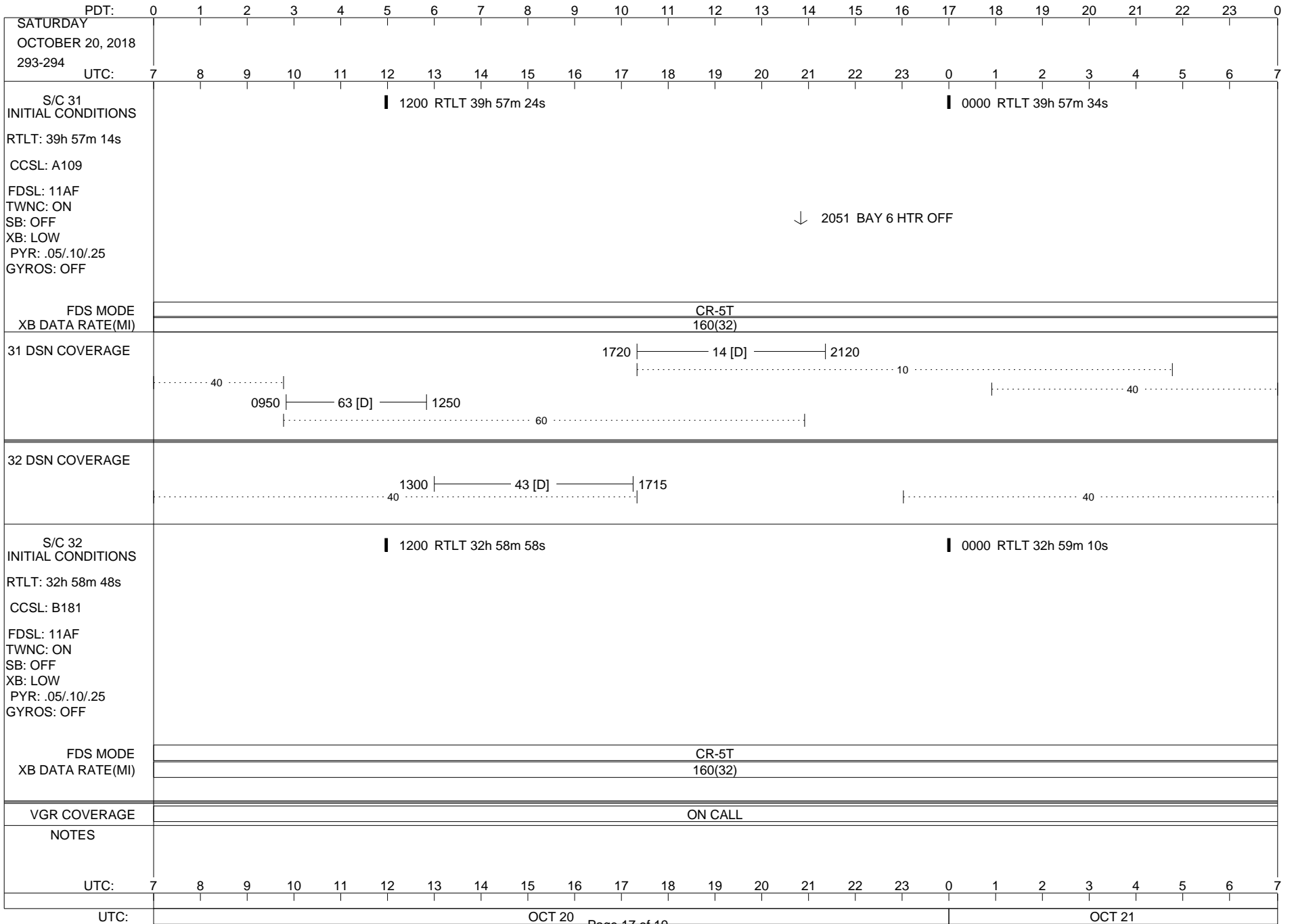


PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
WEDNESDAY OCTOBER 17, 2018 290-291																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 39h 56m 12s CCSL: A109 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 39h 56m 22s												█ 0000 RTLT 39h 56m 32s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	.....40.....  1000-----63 [D]----- 1500 .....60.....												.....10.....  0110 -----43 [D]----- 0540 .....40.....												
32 DSN COVERAGE	---43 [o]--- 0850 .....40..... 1625 43 [D] 1735 .....40.....												.....40.....												
S/C 32 INITIAL CONDITIONS RTLT: 32h 57m 40s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 32h 57m 52s												█ 0000 RTLT 32h 58m 2s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	----- 0751 MAGCAL ----- 0809 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 17												OCT 18												





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			
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			
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												0000 RTLT 39h 57m 14s															
	0917    0919 PWS/RH 0929     0941 TAPPOS												↓ 1251 BAY 6 HTR ON															
	↓ 0917 GS-4B 0919																											
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 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													CR-5T															
XB DATA RATE(MI)													160(32)															
VGR COVERAGE	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													



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
SUNDAY OCTOBER 21, 2018 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: 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																									
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 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
UTC:																									

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 22, 2018 295-296																											
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 57m 54s CCSL: A109 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 39h 58m 4s</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p style="text-align: center;">1655  -----  14 [D]  -----  2055</p> <p>..... 40 .....</p> <p style="text-align: center;"> ..... 60 .....</p>																										
32 DSN COVERAGE	<p style="text-align: center;">1245  -----  43 [D]  -----  1815</p> <p>..... 40 .....</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 32h 59m 32s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 32h 59m 44s</p>																										
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 22													OCT 23													