

VOYAGER Space Flight Operations Schedule (SFOS)
--

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	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

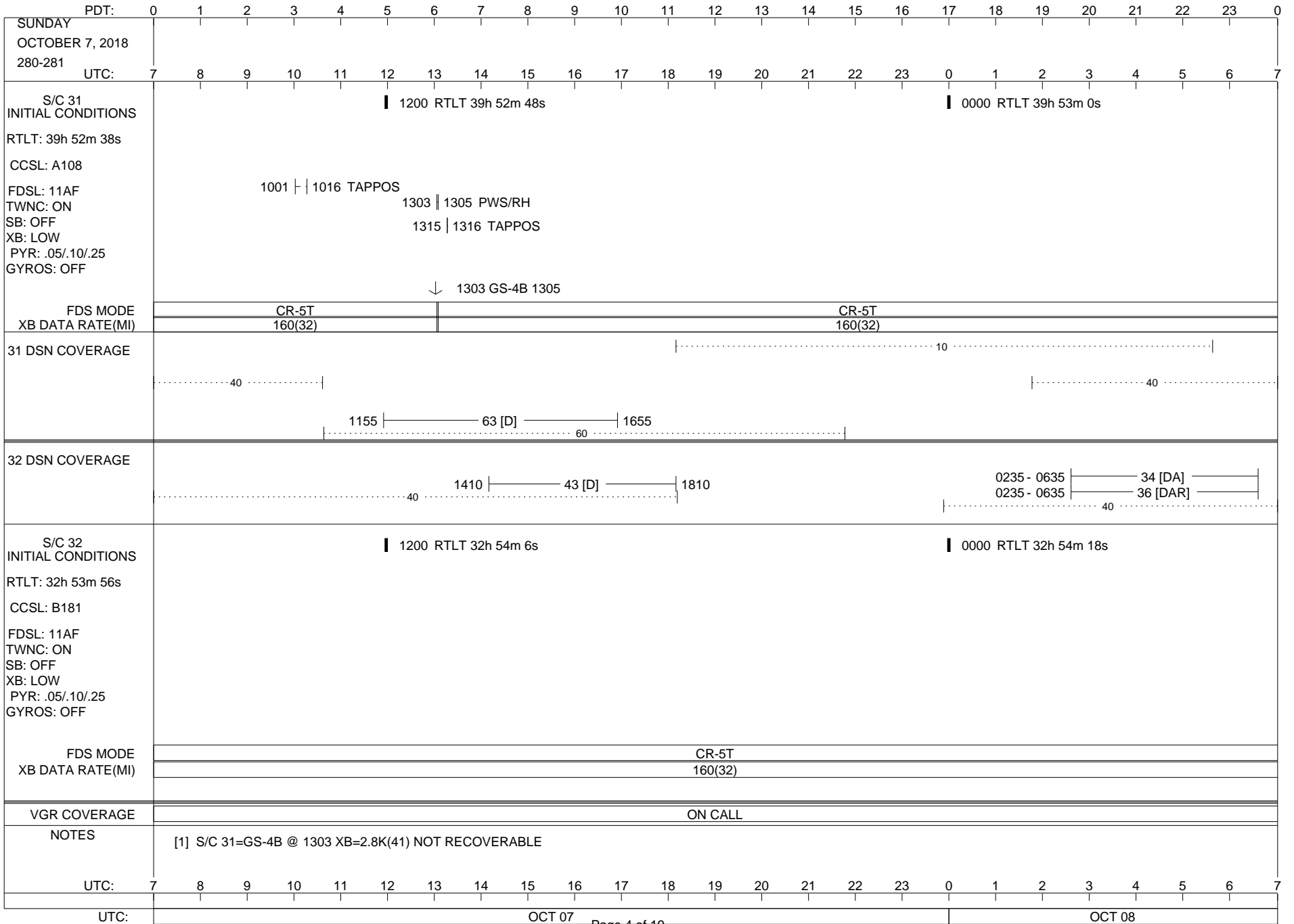
02/27/17

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 5, 2018 278-279																											
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 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	..... 40 .....												..... 10											
	..... 1545 |----- 63 [D] -----| 1950 .....												..... 40											
	..... 60																									
32 DSN COVERAGE	..... 40 .....												..... 40											
	..... 1415 |----- 43 [D] -----| 1815																									
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												

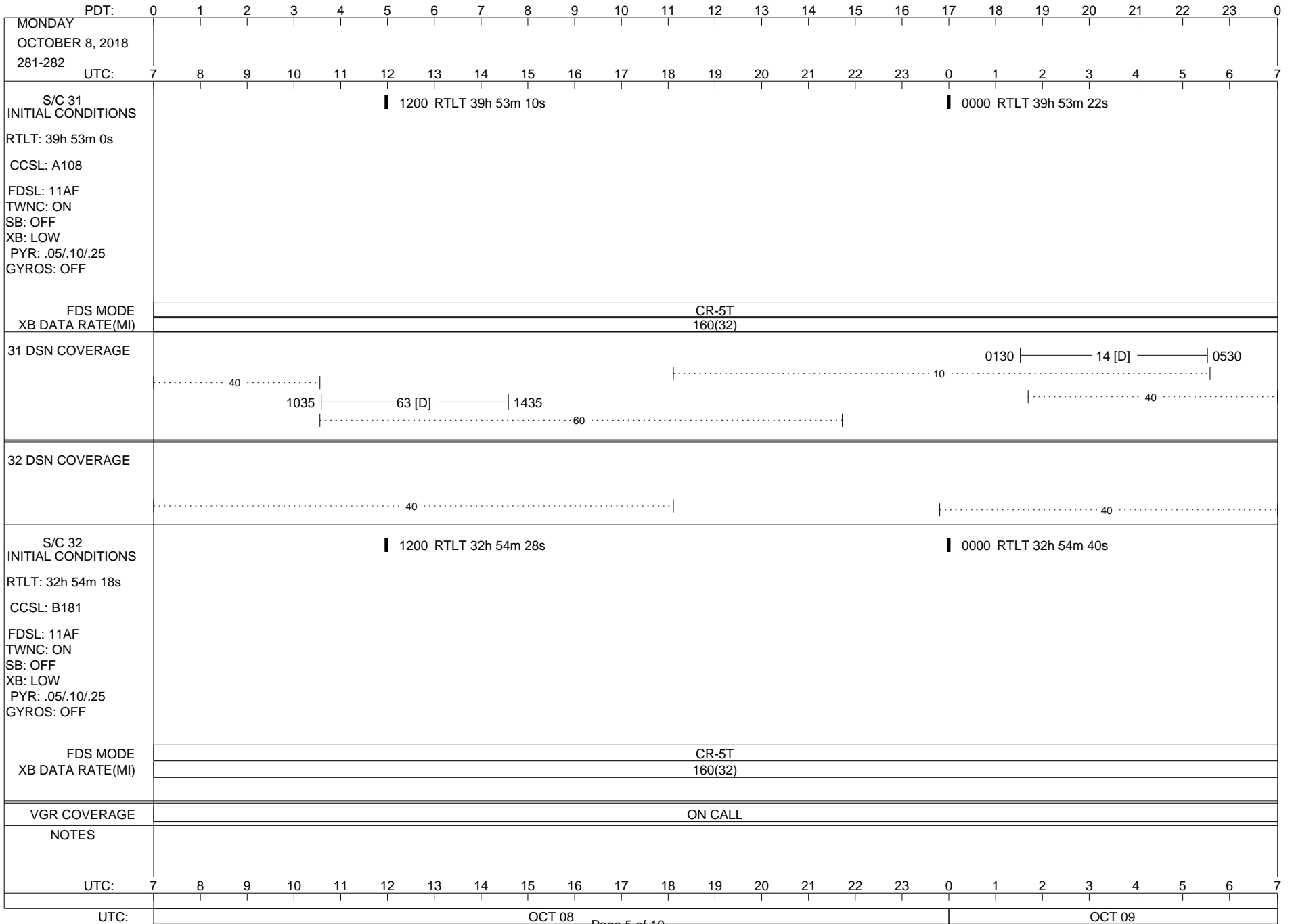
ISSUE DATE: 09/27/18 14:18

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					
SATURDAY OCTOBER 6, 2018 279-280	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	1045 |----- 63 [D] -----| 1505 60												10																	
32 DSN COVERAGE	1315 |----- 43 [B] -----| 1810 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					
UTC:	OCT 06												OCT 07																	

ISSUE DATE: 09/27/18 14:18



ISSUE DATE: 09/27/18 14:18



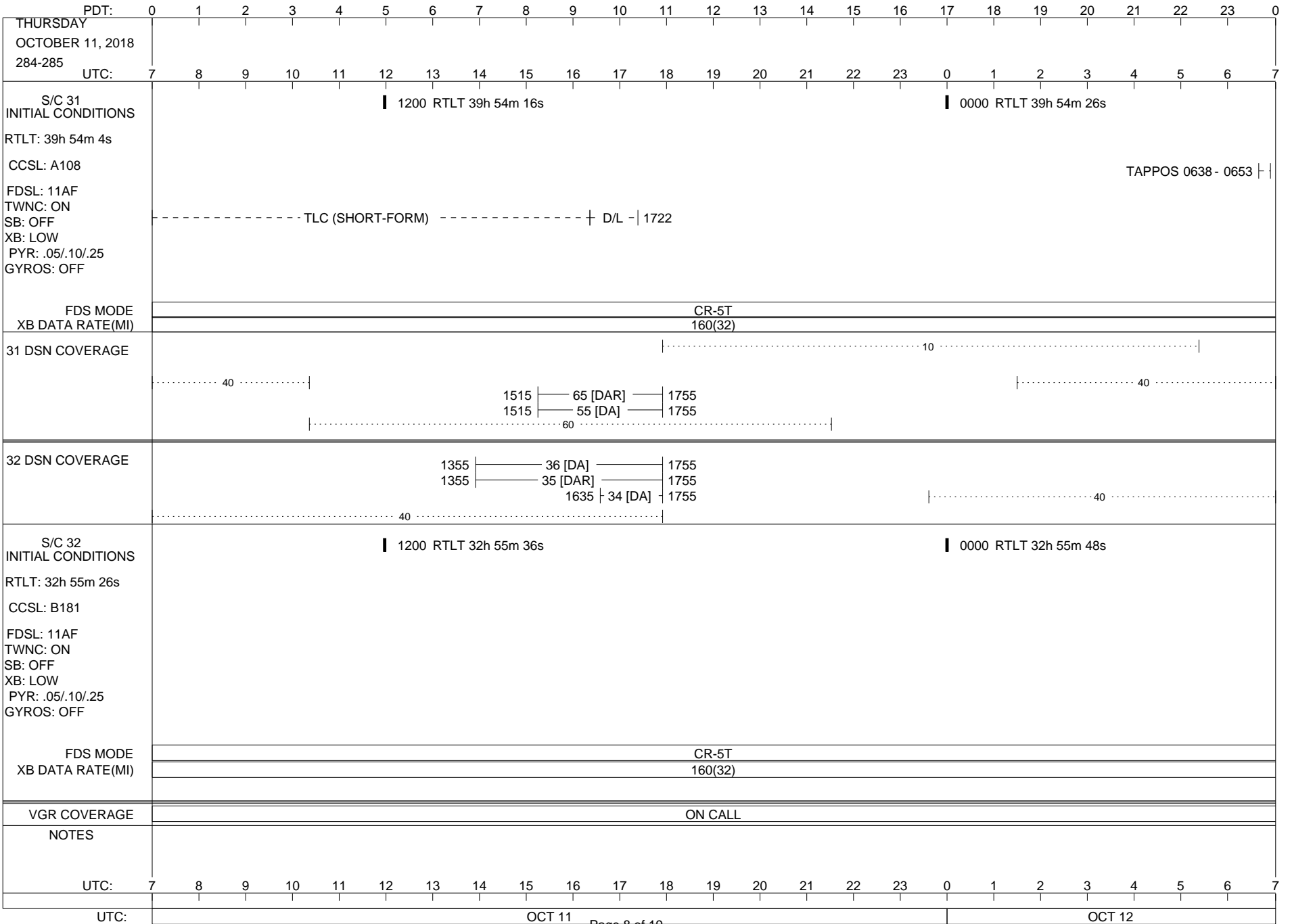
ISSUE DATE: 09/27/18 14:18

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			
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

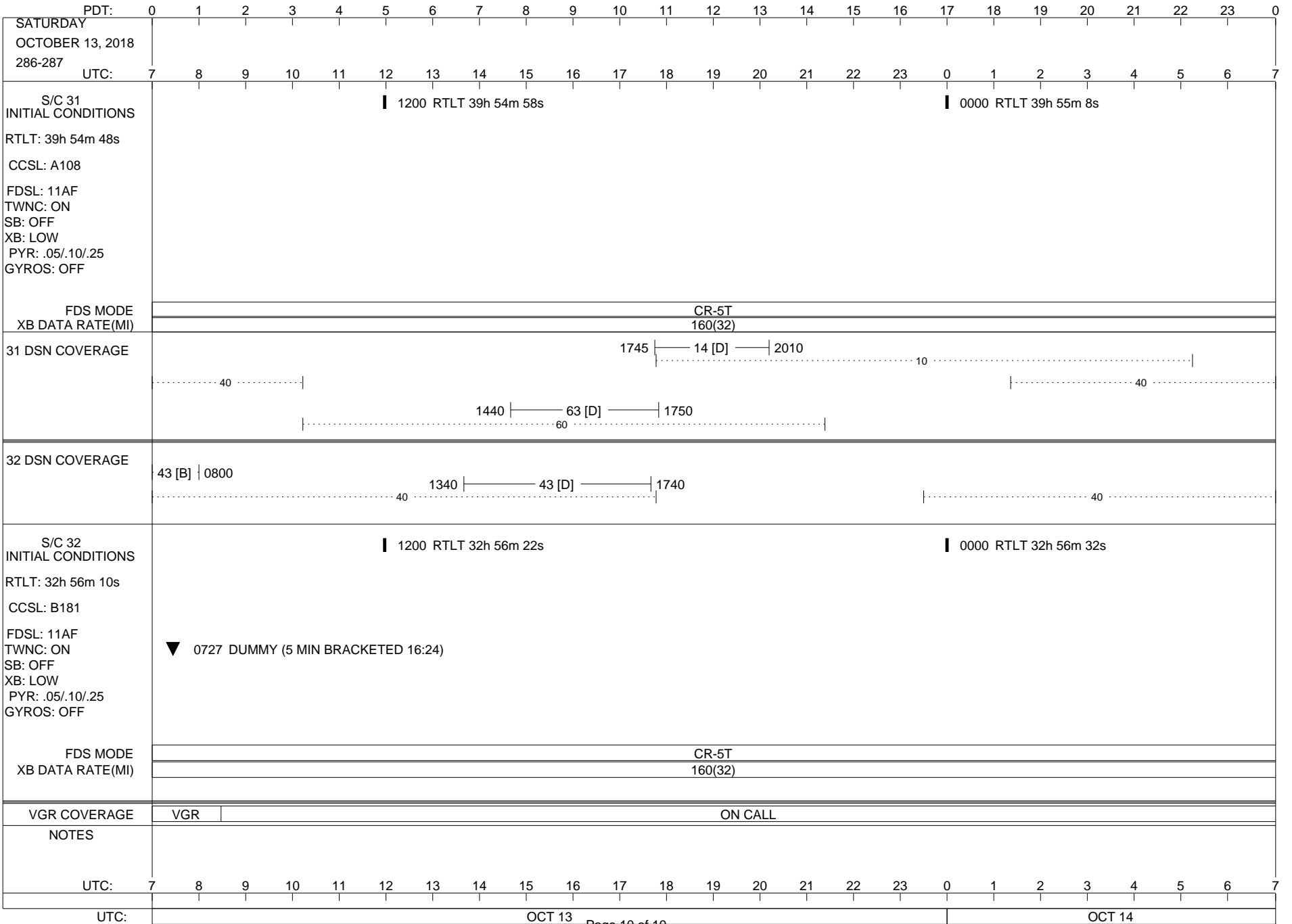
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
WEDNESDAY OCTOBER 10, 2018 283-284																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 39h 53m 44s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 39h 53m 54s																			
FDS MODE XB DATA RATE(MI)																									
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																			
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:																									

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
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.....|												0530 | 43 [B] | |.....40.....|												
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												

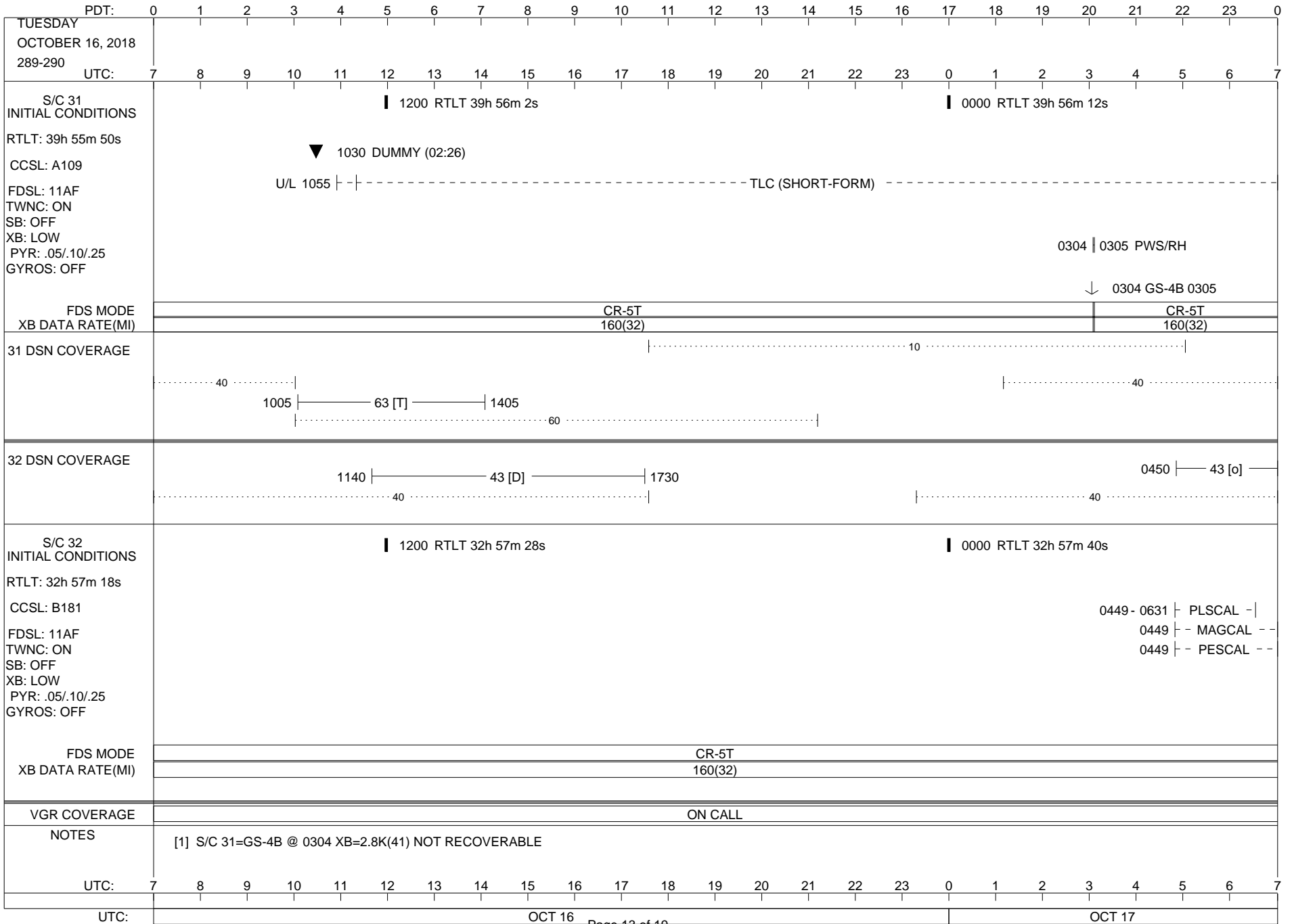
ISSUE DATE: 09/27/18 14:18

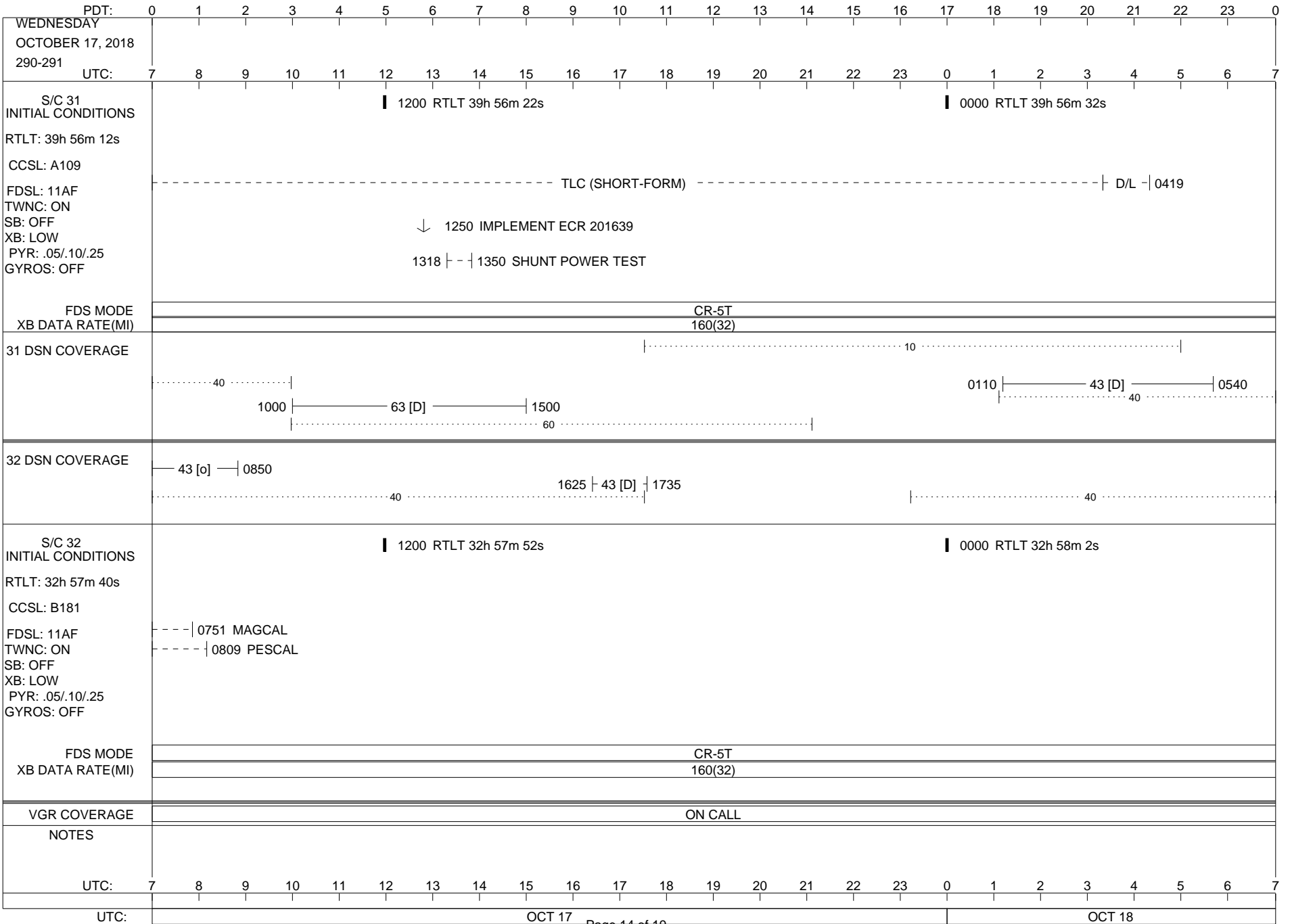


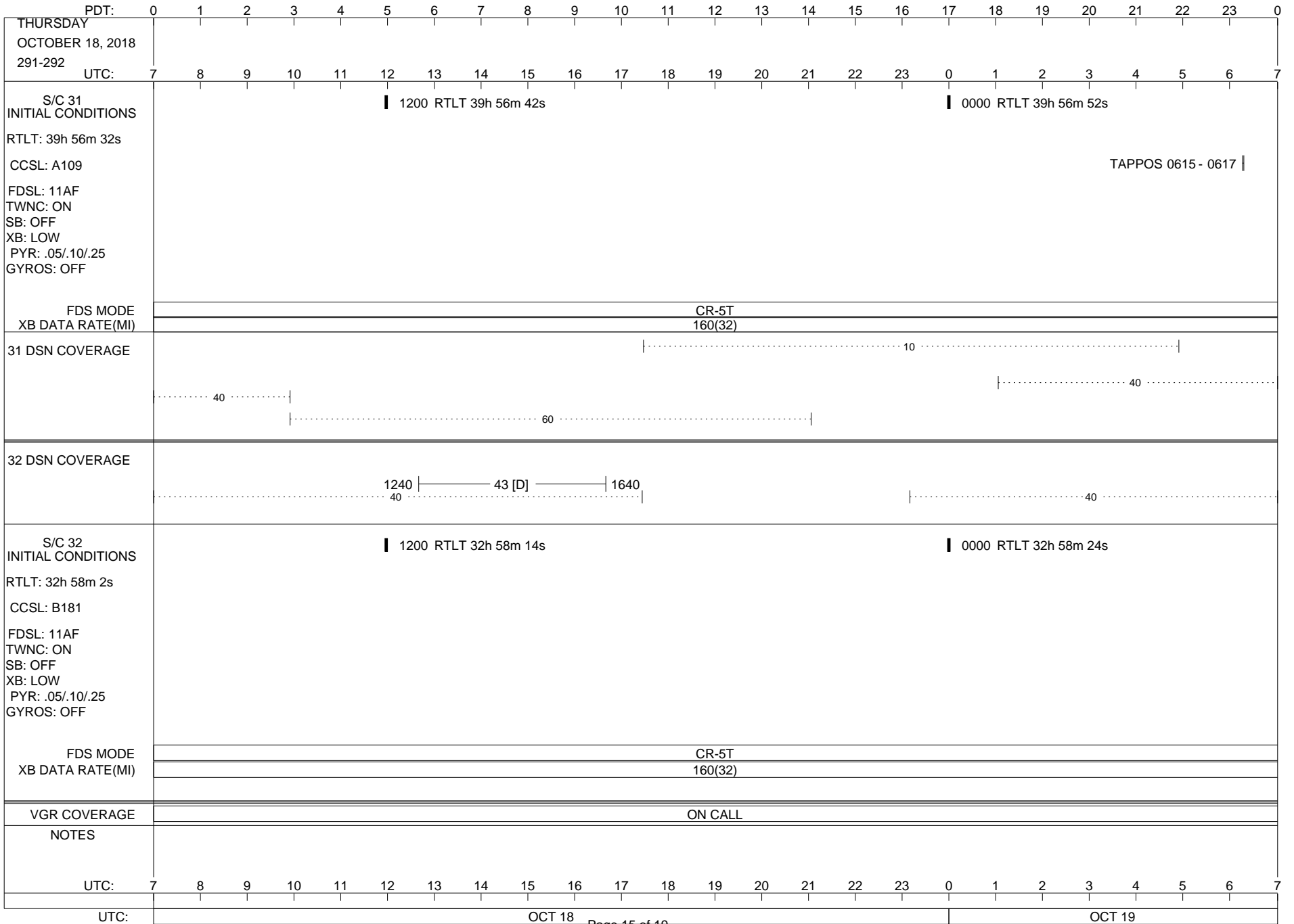
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	
SUNDAY OCTOBER 14, 2018 287-288																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 39h 55m 8s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 39h 55m 20s												0000 RTLTL 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 RTLTL 32h 56m 44s												0000 RTLTL 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											

ISSUE DATE: 09/27/18 14:18

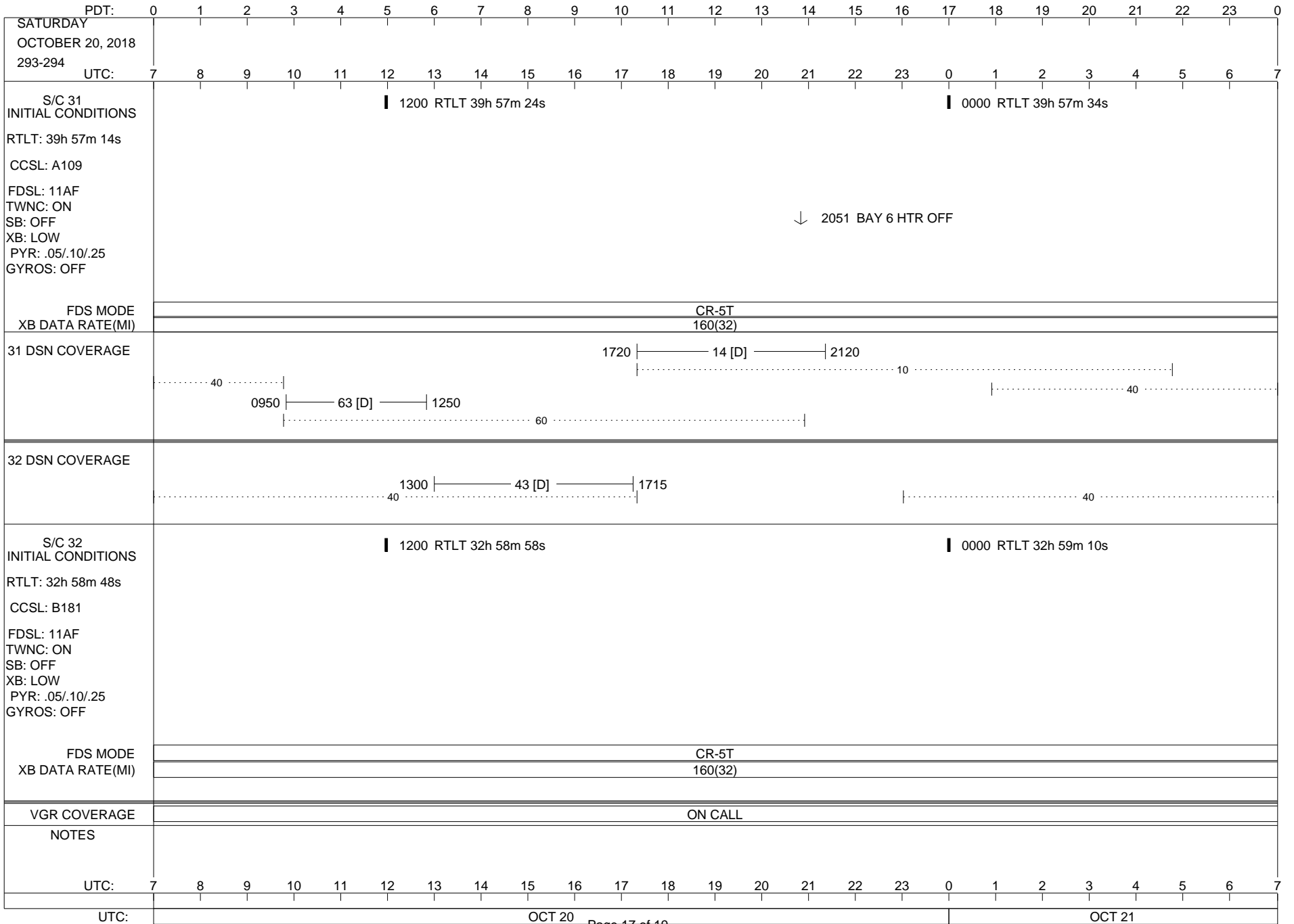
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
MONDAY OCTOBER 15, 2018 288-289	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 39h 55m 30s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 39h 55m 40s												| 0000 RTLT 39h 55m 50s												
FDS MODE	CR-5T												BEGIN SEQUENCE A109 0507 ↓												
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	|-----40-----|												|-----40-----|												
	1005 |-----63 [D]-----| 1405												|-----60-----|												
32 DSN COVERAGE	|-----40-----|												|-----40-----|												
	1335 |-----43 [D]-----| 1735																								
S/C 32 INITIAL CONDITIONS RTLT: 32h 56m 56s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 32h 57m 6s												| 0000 RTLT 32h 57m 18s												
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 15												OCT 16												







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 19, 2018 292-293	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 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 XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	0950 |-----63 [D]-----| 1420 :-----60-----|												|-----10-----| :-----40-----|												
32 DSN COVERAGE	1350 |-----43 [D]-----| 1825 :-----40-----|												|-----40-----|												
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)												CR-5T 160(32)												
VGR COVERAGE	ON CALL												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						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
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														CR-5T													
XB DATA RATE(MI)														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														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 22													OCT 23													