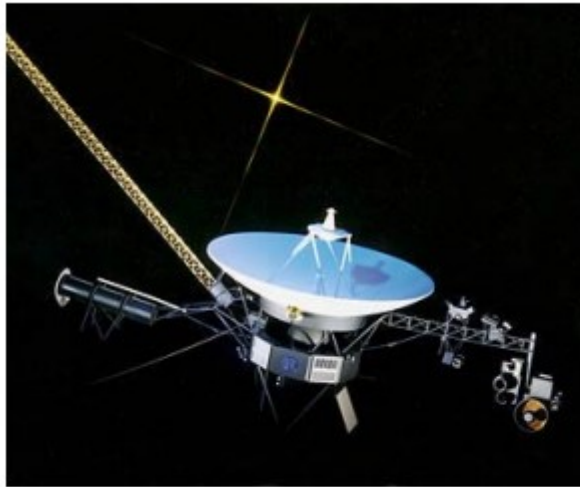


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: February 27, 2019

For the Period: 02/28/19 to 03/18/19 (19/059 – 19/077)



Posted at <https://voyager.jpl.nasa.gov/mission/status/>

LEGEND:

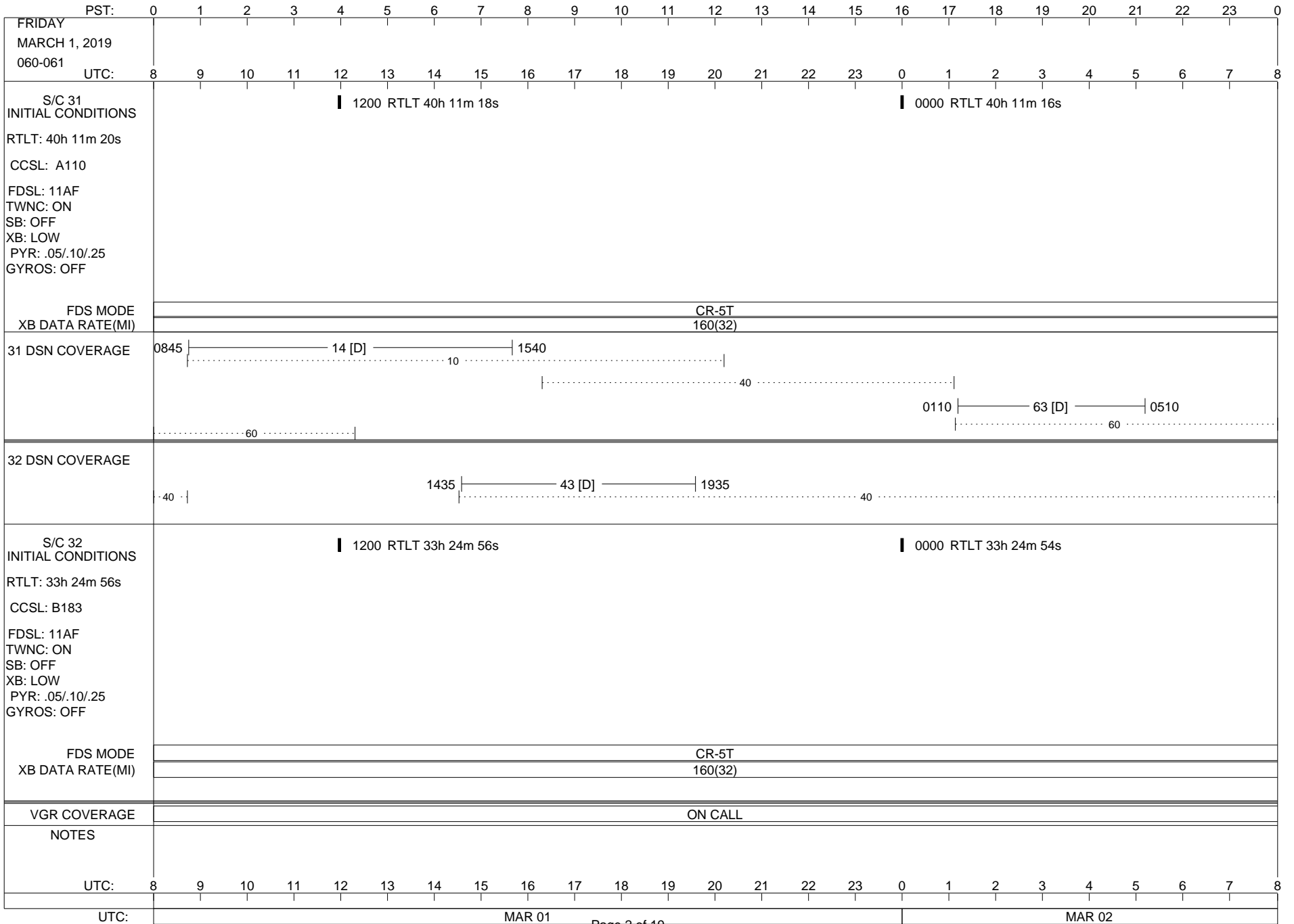
- ∇ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U = Uplink only pass
- [o] = Ramp-through

02/27/19

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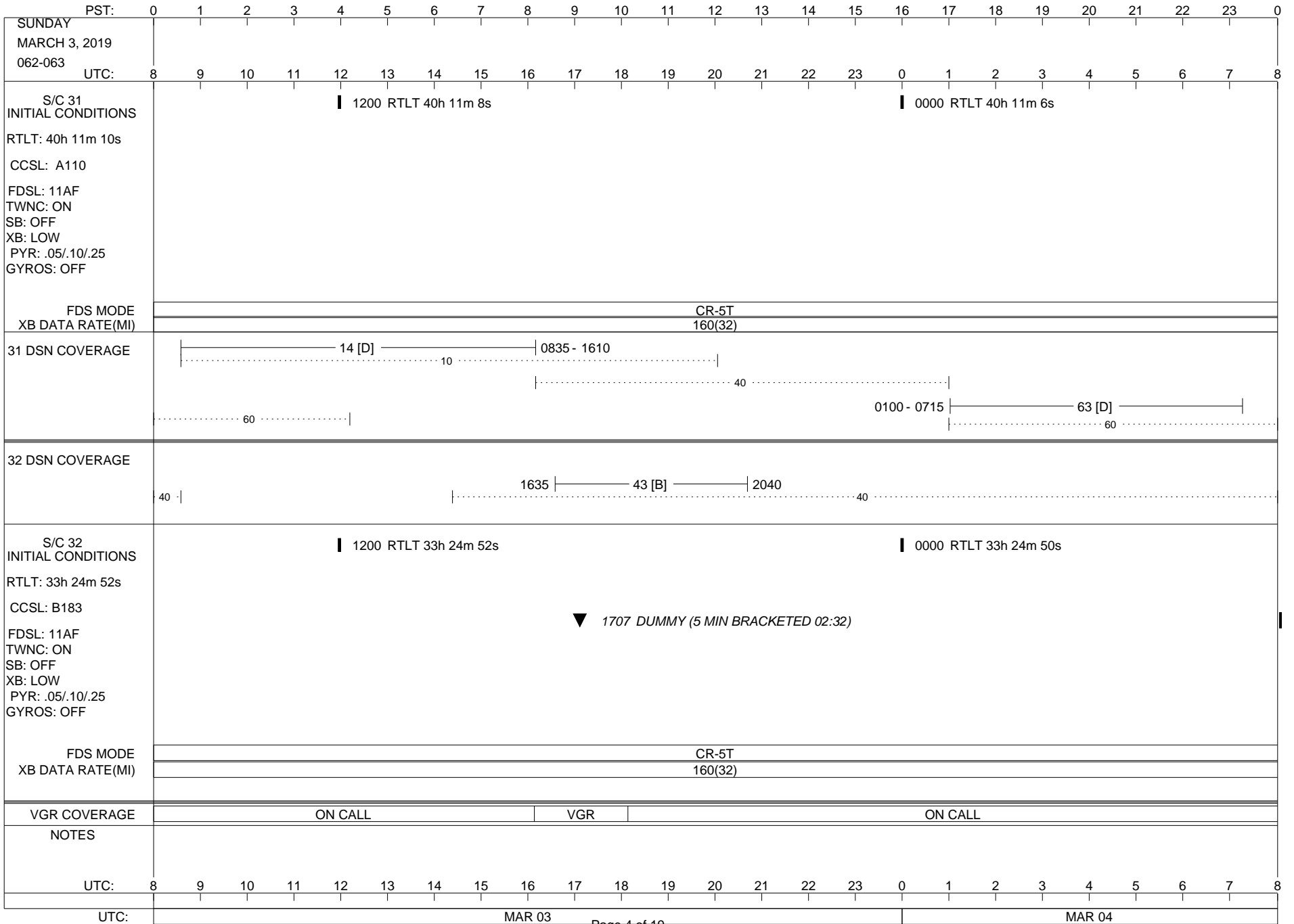
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THURSDAY FEBRUARY 28, 2019 059-060																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS RTLT: 40h 11m 24s CCSL: A110 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 40h 11m 22s														█ 0000 RTLT 40h 11m 20s													
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
31 DSN COVERAGE	|.....10.....|														|.....40.....|													
	.....60.....|														0110 |-----63 [D]-----| 0400 60													
32 DSN COVERAGE	1435 |-----43 [D]-----| 1835														.....40.....													
S/C 32 INITIAL CONDITIONS RTLT: 33h 24m 58s CCSL: B183 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 33h 24m 58s														█ 0000 RTLT 33h 24m 56s													
FDS MODE															CR-5T													
XB DATA RATE(MI)															160(32)													
VGR COVERAGE	ON CALL														VGR ON CALL													
NOTES	[1] S/C 31=GS-4B @ 0148 XB=2.8K(41) NOT RECOVERABLE																											
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
UTC:	FEB 28														MAR 01													

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PST:	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 MARCH 2, 2019 061-062																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLTL: 40h 11m 16s CCSL: A110 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 40h 11m 12s												█ 0000 RTLTL 40h 11m 10s												
	0146 | - - | 0227 TAPPOS																								
	0448 | 0450 PWS/RH																								
	0500 | - | 0526 TAPPOS																								
	↓ 0448 GS-4B 0450																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	|----- 14 [D] -----| 0840 - 1110												|----- 40 -----|												
	|----- 60 -----|												|----- 60 -----|												
32 DSN COVERAGE	40 · |												1430 |----- 43 [D] -----| 1850												
	|----- 40 -----|												|----- 40 -----|												
S/C 32 INITIAL CONDITIONS RTLTL: 33h 24m 54s CCSL: B183 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 33h 24m 54s												█ 0000 RTLTL 33h 24m 52s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0448 XB=2.8K(41) NOT RECOVERABLE																								
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
UTC:	MAR 02												MAR 03												

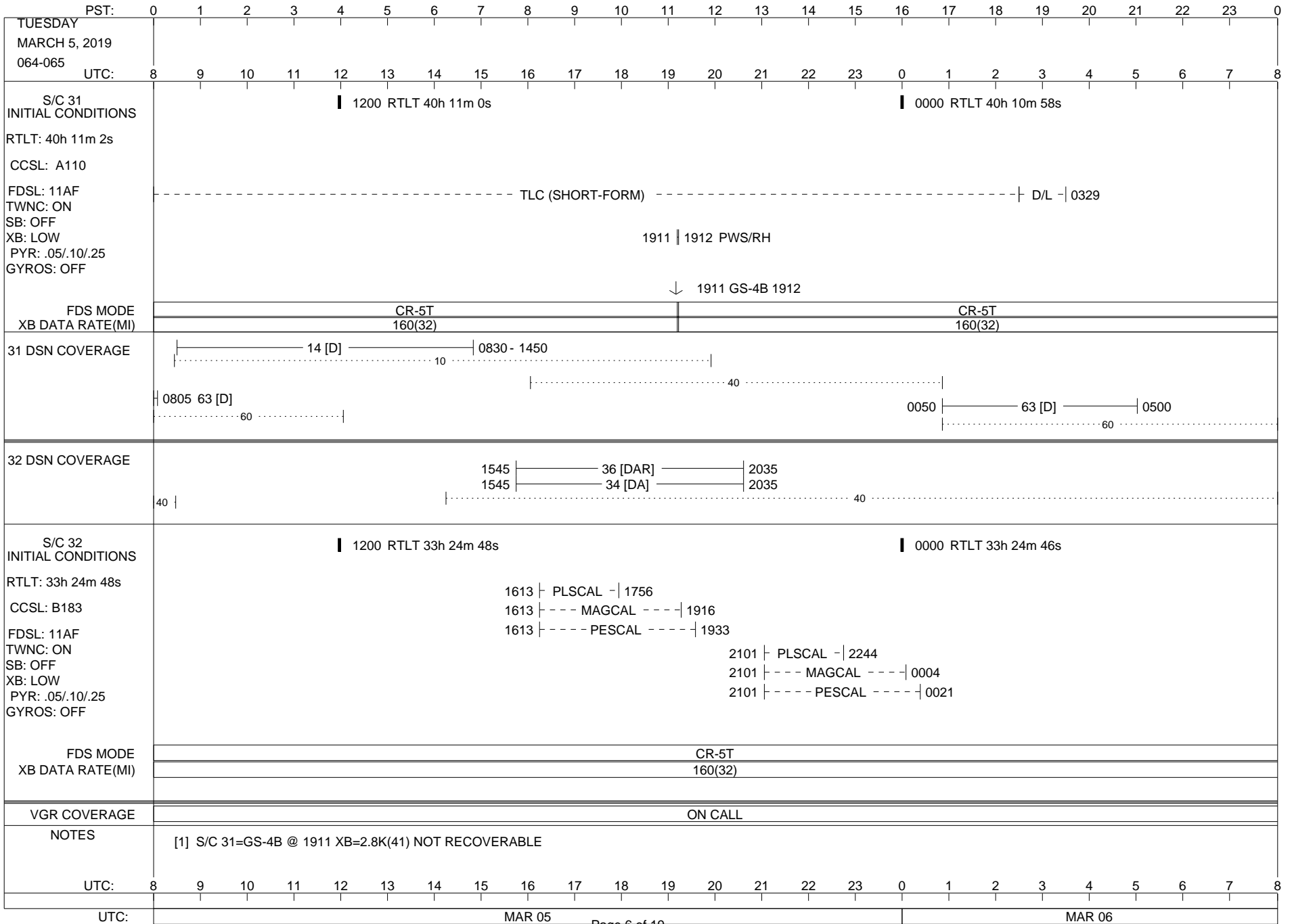
ISSUE DATE: 03/04/19 12:23



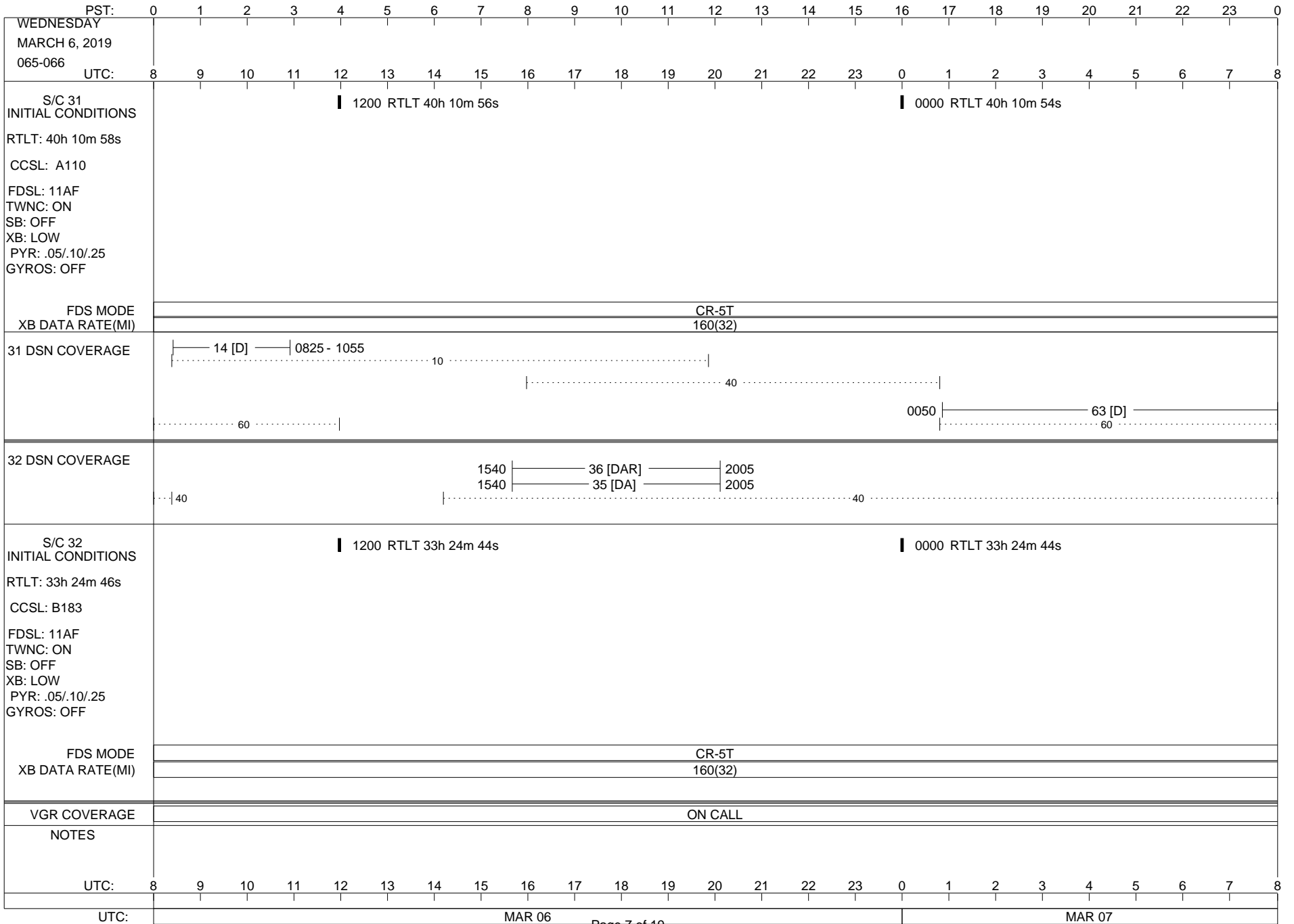
ISSUE DATE: 03/04/19 12:23

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MONDAY																												
MARCH 4, 2019																												
063-064																												
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8		
S/C 31 INITIAL CONDITIONS		1200 RTLT 40h 11m 4s												0000 RTLT 40h 11m 2s														
RTLT: 40h 11m 6s																												
CCSL: A110		▼ 0925 DUMMY (01:36)																										
FDSL: 11AF		U/L 0950 | - | ----- TLC (SHORT-FORM) -----																										
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.10/.25																												
GYROS: OFF																												
FDS MODE		CR-5T																										
XB DATA RATE(MI)		160(32)																										
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS		1200 RTLT 33h 24m 50s												0000 RTLT 33h 24m 48s														
RTLT: 33h 24m 50s																												
CCSL: B183																												
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.10/.25																												
GYROS: OFF																												
FDS MODE		CR-5T																										
XB DATA RATE(MI)		160(32)																										
VGR COVERAGE		VGR ON CALL																										
NOTES																												
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8		
UTC:		MAR 04															MAR 05											

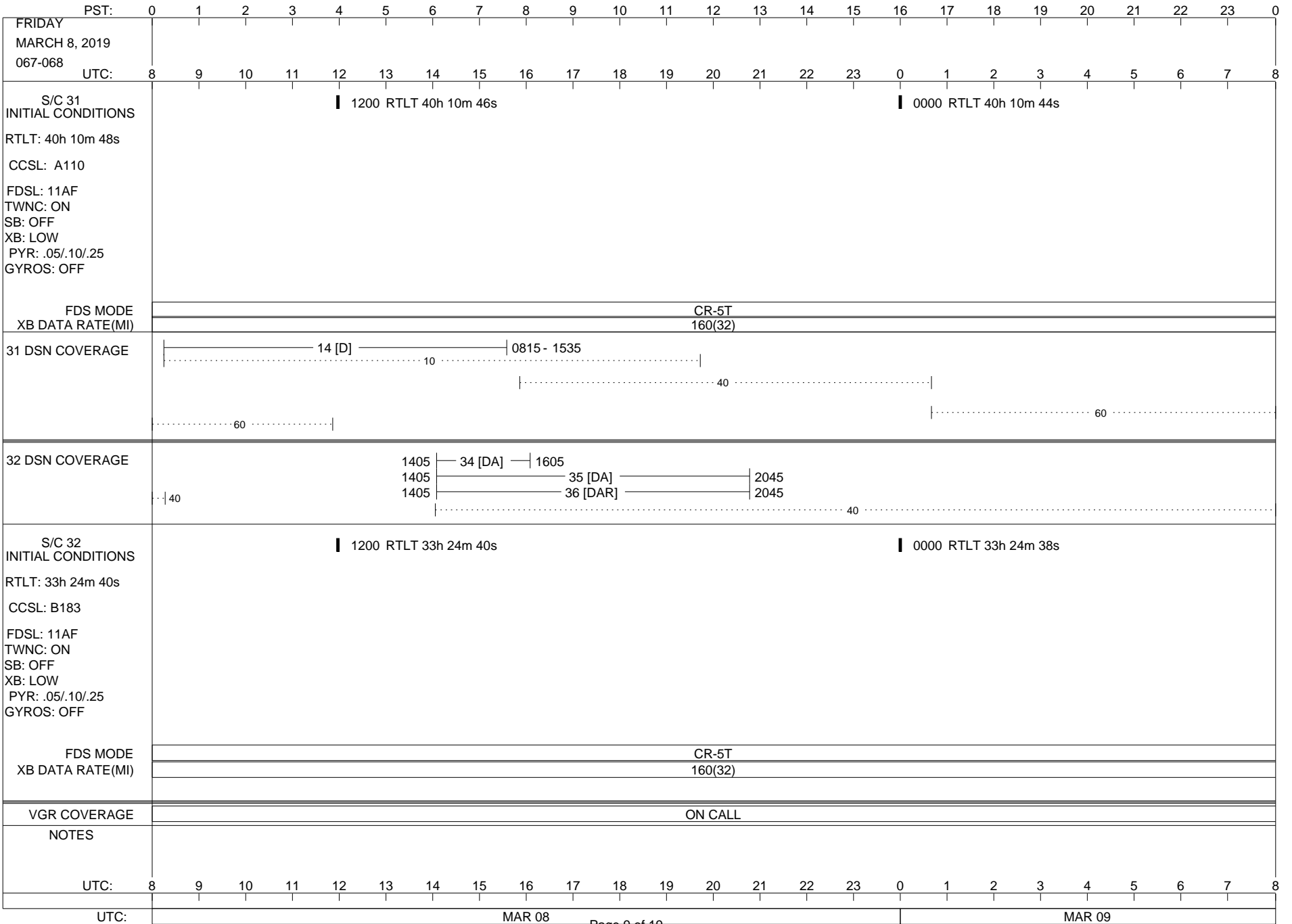
ISSUE DATE: 03/04/19 12:23



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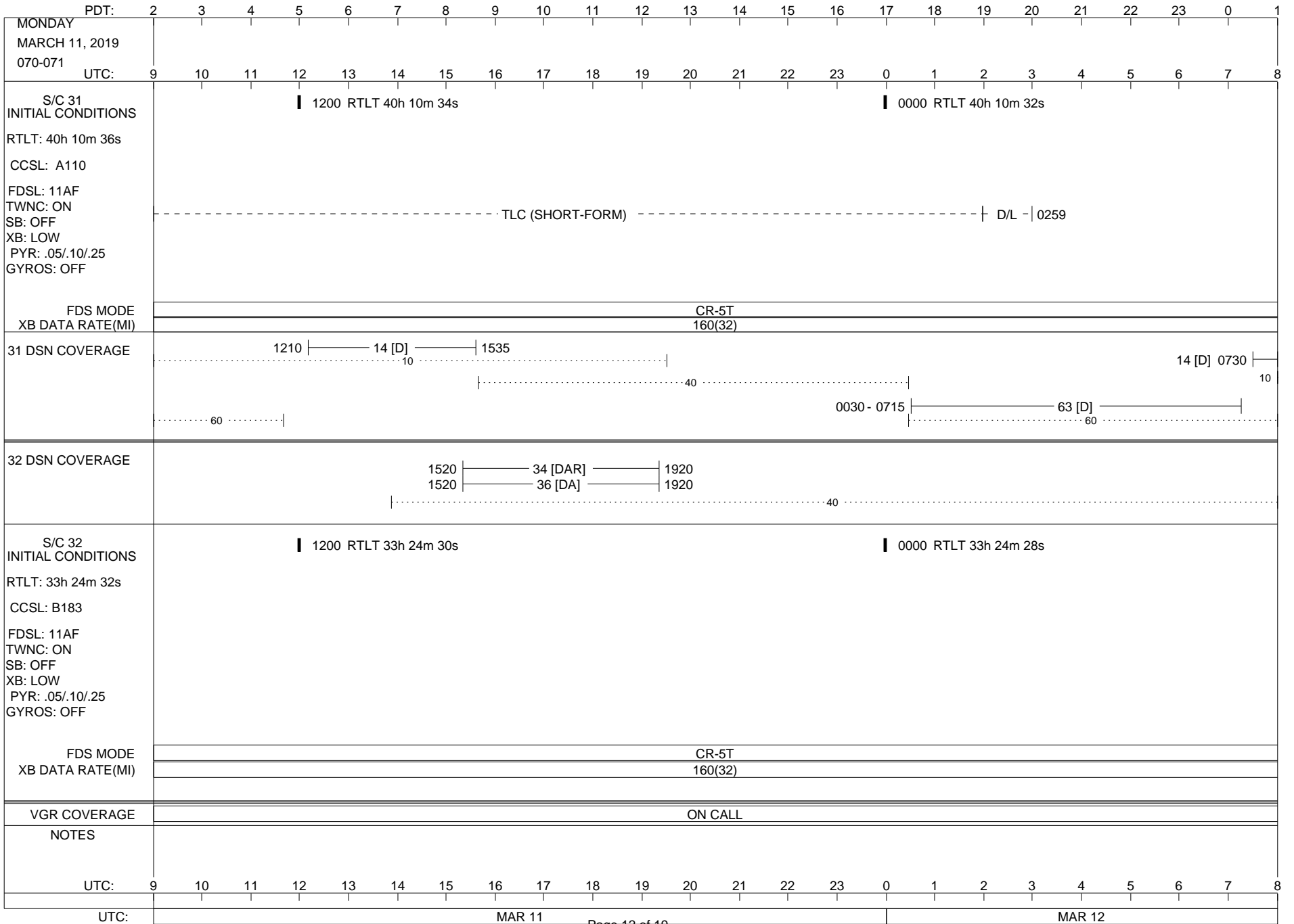
ISSUE DATE: 03/04/19 12:23



ISSUE DATE: 03/04/19 12:23

PST:	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 MARCH 9, 2019 068-069	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 40h 10m 44s CCSL: A110 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 40h 10m 42s												0000 RTLT 40h 10m 40s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] 0815 - 1220.....10..... .....40..... 60.....												0035 63 [D] 0325.....60.....												
32 DSN COVERAGE	1530 36 [DAR] 1930 1530 34 [DA] 1930.....40.....																								
S/C 32 INITIAL CONDITIONS RTLT: 33h 24m 38s CCSL: B183 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 24m 36s												0000 RTLT 33h 24m 34s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0424 XB=2.8K(41) NOT RECOVERABLE																								
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
UTC:	MAR 09												MAR 10												

ISSUE DATE: 03/04/19 12:23



ISSUE DATE: 03/04/19 12:23

PDT: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1	
TUESDAY MARCH 12, 2019 071-072	
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8	
S/C 31 INITIAL CONDITIONS RTLT: 40h 10m 32s CCSL: A110 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF FDS MODE XB DATA RATE(MI)	1200 RTLT 40h 10m 30s 1847 | 1848 PWS/RH ↓ 1847 GS-4B 1848 CR-5T 160(32)
	0000 RTLT 40h 10m 26s CR-5T 160(32)
	31 DSN COVERAGE 14 [D] | 1030 10 ..... | ..... 40 60 ..... | ..... 60
	32 DSN COVERAGE 1350 | 36 [DA] | 1520 1350 | ..... 34 [DA] ..... | 2145 1350 | ..... 35 [DAR] ..... | 2145 40 | ..... 40
S/C 32 INITIAL CONDITIONS RTLT: 33h 24m 28s CCSL: B183 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF FDS MODE XB DATA RATE(MI)	1200 RTLT 33h 24m 26s ON CALL
	0000 RTLT 33h 24m 24s CR-5T 160(32)
	VGR COVERAGE ON CALL
	NOTES [1] S/C 31=GS-4B @ 1847 XB=2.8K(41) NOT RECOVERABLE
UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8	
UTC: MAR 12 | Page 13 of 19 | MAR 13	

ISSUE DATE: 03/04/19 12:23

PDT:		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1		
WEDNESDAY																												
MARCH 13, 2019																												
072-073																												
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8		
S/C 31 INITIAL CONDITIONS		1200 RTLT 40h 10m 24s												0000 RTLT 40h 10m 22s														
RTLT: 40h 10m 26s																												
CCSL: A110																												
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.10/.25																												
GYROS: OFF																												
FDS MODE														CR-5T														
XB DATA RATE(MI)														160(32)														
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS		1200 RTLT 33h 24m 24s												0000 RTLT 33h 24m 22s														
RTLT: 33h 24m 24s																												
CCSL: B183																												
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.10/.25																												
GYROS: OFF																												
FDS MODE														CR-5T														
XB DATA RATE(MI)														160(32)														
VGR COVERAGE		ON CALL																										
NOTES																												
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8		
UTC:		MAR 13												MAR 14														

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PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1			
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
THURSDAY MARCH 14, 2019 073-074																												
S/C 31 INITIAL CONDITIONS RTLT: 40h 10m 22s CCSL: A110 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 40h 10m 20s														0000 RTLT 40h 10m 18s													
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
31 DSN COVERAGE	<p>10 ..... | 14 [D] 0750 |</p> <p>..... 40 ..... |</p> <p>0820 63 [D] | 0245 | 65 [DAR] | 0605 |</p> <p>..... 60 ..... | 0245 | 55 [DA] | 0605 |</p>																											
32 DSN COVERAGE	<p>1510 | 36 [DAR] | 1910</p> <p>1510 | 35 [DA] | 1910</p> <p>..... 40 ..... |</p>																											
S/C 32 INITIAL CONDITIONS RTLT: 33h 24m 22s CCSL: B183 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 24m 20s														0000 RTLT 33h 24m 18s													
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 @ 0100 XB=2.8K(41) NOT RECOVERABLE																											
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
UTC:	MAR 14														MAR 15													

ISSUE DATE: 03/04/19 12:23

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	
FRIDAY MARCH 15, 2019 074-075																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLTL: 40h 10m 18s CCSL: A110 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 40h 10m 16s												0000 RTLTL 40h 10m 14s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	14 [D] 1535												14 [T] 0800													
	10												10													
	60												60													
32 DSN COVERAGE	1340 | 43 [D] | 1440												1505 | 35 [DA] | 2015													
	1505 | 36 [DAR] | 2015												40													
S/C 32 INITIAL CONDITIONS RTLTL: 33h 24m 18s CCSL: B183 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 33h 24m 16s												0000 RTLTL 33h 24m 14s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE	ON CALL																									
NOTES																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
UTC:	MAR 15												MAR 16													

ISSUE DATE: 03/04/19 12:23

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	
SUNDAY MARCH 17, 2019 076-077																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLTL: 40h 10m 10s CCSL: A110 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 40h 10m 8s												█ 0000 RTLTL 40h 10m 6s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	14 [D] ————— | 1340										14 [D] 0750 |															
	..... 10 .....										..... 10													
	..... 60 .....										..... 60													
	..... 60 .....										..... 60													
	..... 60 .....										..... 60													
32 DSN COVERAGE	1540 |————— 43 [D] ————— | 2310										1540 |————— 43 [D] ————— | 2310															
	..... 40 .....										..... 40													
S/C 32 INITIAL CONDITIONS RTLTL: 33h 24m 10s CCSL: B183 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 33h 24m 8s												█ 0000 RTLTL 33h 24m 6s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
VGR COVERAGE	ON CALL												ON CALL													
NOTES																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
UTC:	MAR 17													MAR 18												

ISSUE DATE: 03/04/19 12:23

