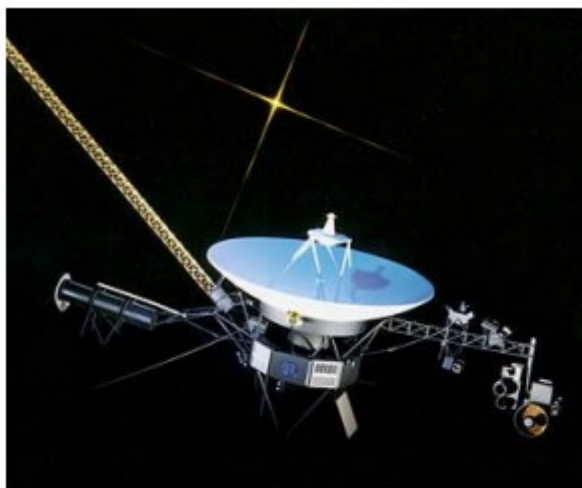


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: March 11, 2020

For the Period: 03/12/20 to 03/29/20 (20/072 – 20/089)



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

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
THURSDAY MARCH 12, 2020 072-073																									
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: 41h 9m 50s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 41h 9m 48s												0000 RTLT 41h 9m 46s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	0810 ----- 14 [T] ----- 1445 ----- 10 ----- ----- 40 ----- 60 ----- 63 [D] ----- 0420 ----- 60 -----																								
32 DSN COVERAGE	1515 ----- 34 [oA] ----- 2010 1515 ----- 35 [DAR] ----- 2010 ----- 40 40 -----																								
S/C 32 INITIAL CONDITIONS RTLTL: 34h 17m 10s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 17m 10s												0000 RTLT 34h 17m 8s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	VGR												ON CALL												
NOTES																									
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UTC:	MAR 12												MAR 13												

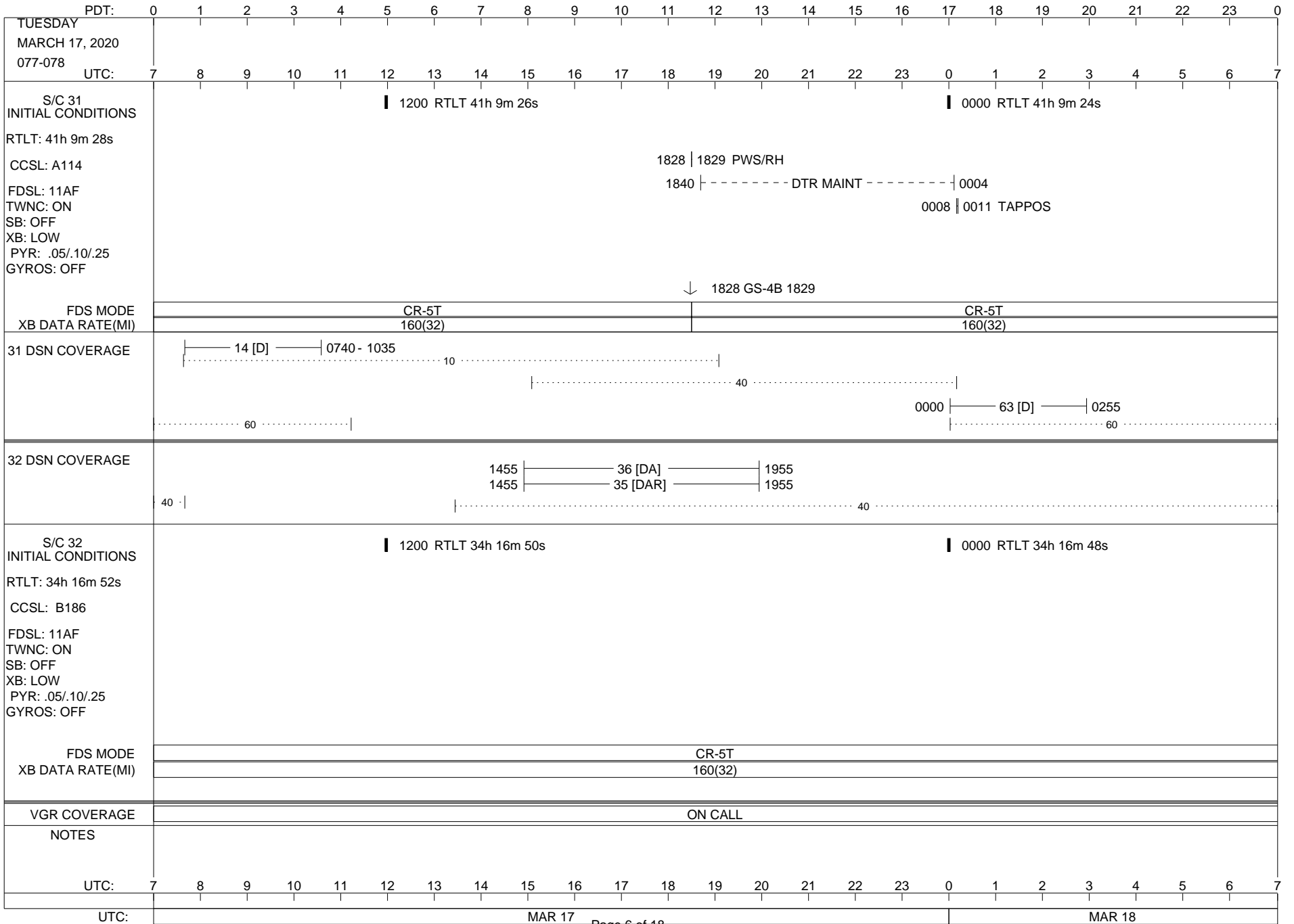
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S/C 31 INITIAL CONDITIONS RTLTL: 41h 9m 46s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 41h 9m 44s												0000 RTLTL 41h 9m 42s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0755 ----- 14 [D] ----- 1045												0020 ----- 63 [D] ----- 0420												
32 DSN COVERAGE	40 40												0110 ----- 36 [DA] ----- 0540 0110 ----- 35 [DAR] ----- 0540												
S/C 32 INITIAL CONDITIONS RTLTL: 34h 17m 8s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 17m 6s												0000 RTLTL 34h 17m 4s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												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:	MAR 13												MAR 14												

ISSUE DATE: 03/04/20 14:47

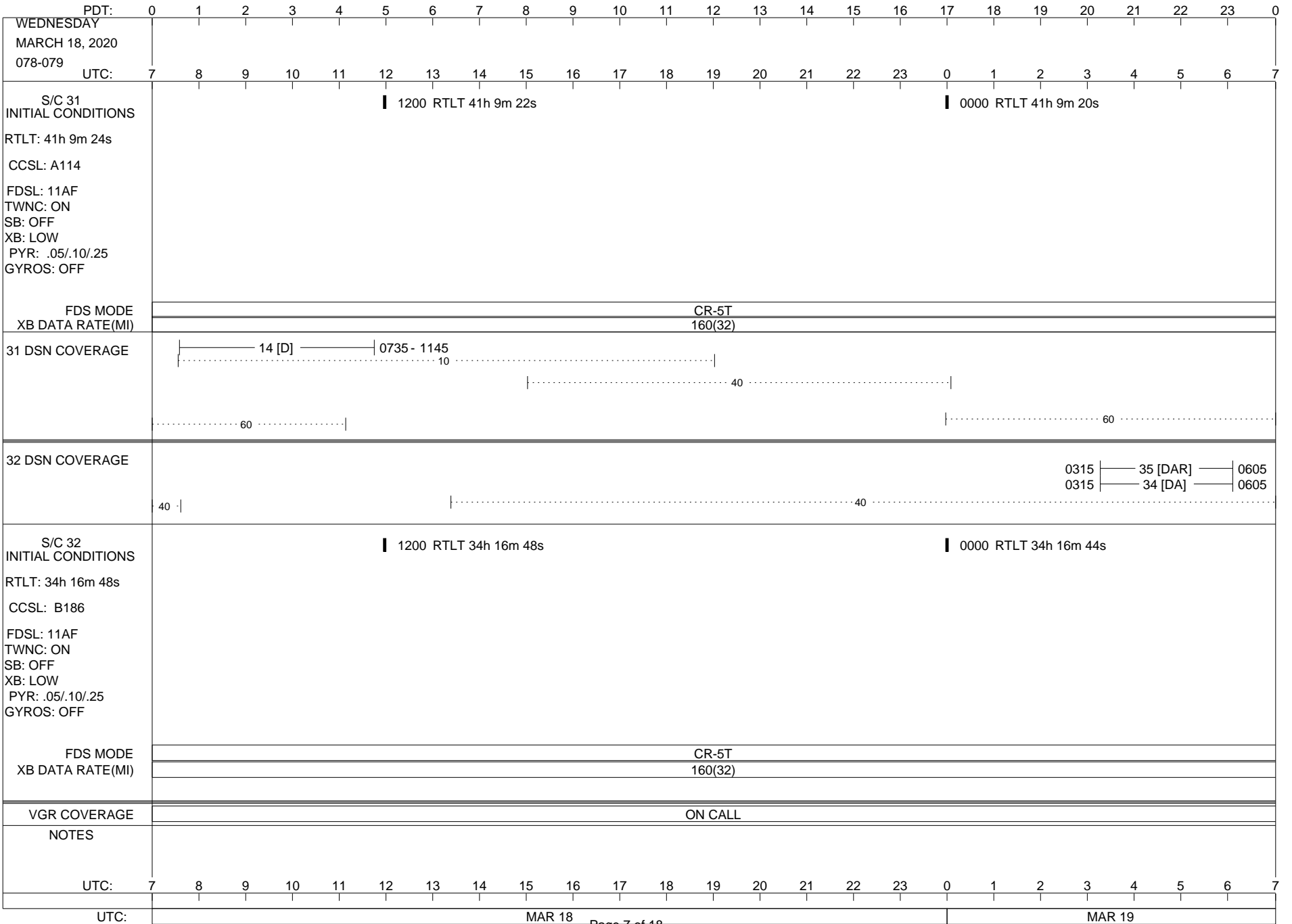
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SATURDAY MARCH 14, 2020 074-075	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 41h 9m 42s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 41h 9m 40s												0000 RTLTL 41h 9m 36s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0750 ----- 14 [D] ----- 1030 ----- 10 ----- ----- 40 ----- ----- 60 -----												0015 ----- 63 [D] ----- 0430 ----- 60 -----												
32 DSN COVERAGE	----- 40 -----												0120 ----- 36 [DA] ----- 0550 0120 ----- 35 [DAR] ----- 0550 ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 34h 17m 4s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 17m 2s												0000 RTLTL 34h 17m 0s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												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:	MAR 14												MAR 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																																									
SUNDAY MARCH 15, 2020 075-076	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: 41h 9m 36s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 41h 9m 34s												0000 RTLTL 41h 9m 32s																																																					
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)																																																					
31 DSN COVERAGE	0745	14 [D]				1025										10										40										60										0010	63 [D]				0145										60
32 DSN COVERAGE				40				1505	36 [DA]				2105				1505	35 [DAR]				2105				0325	35 [DA]				0545				0325	34 [DAR]				0545										40										
S/C 32 INITIAL CONDITIONS RTLTL: 34h 17m 0s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 16m 58s												0000 RTLTL 34h 16m 56s																																																					
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:	MAR 15												MAR 16																																																					

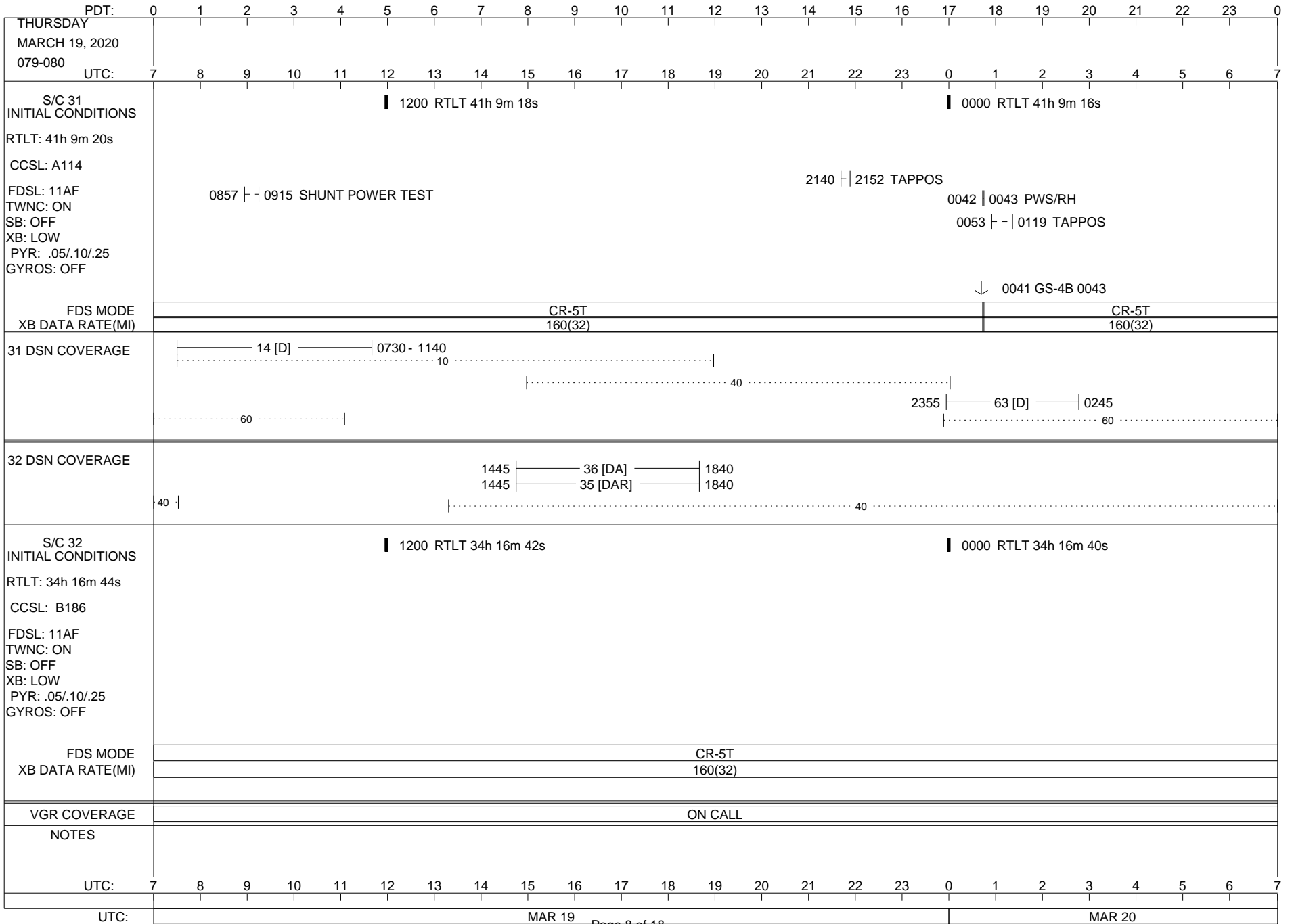
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S/C 31 INITIAL CONDITIONS RTLTL: 41h 9m 32s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 41h 9m 30s												0000 RTLT 41h 9m 28s																	
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																													
31 DSN COVERAGE	0745	14 [D]										1145											0005	63 [D]						0405
32 DSN COVERAGE	1600 36 [DAR] 2045 1600 34 [DA] 2045												40																	
S/C 32 INITIAL CONDITIONS RTLTL: 34h 16m 56s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 16m 54s												0000 RTLT 34h 16m 52s																	
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:	MAR 16												MAR 17																	

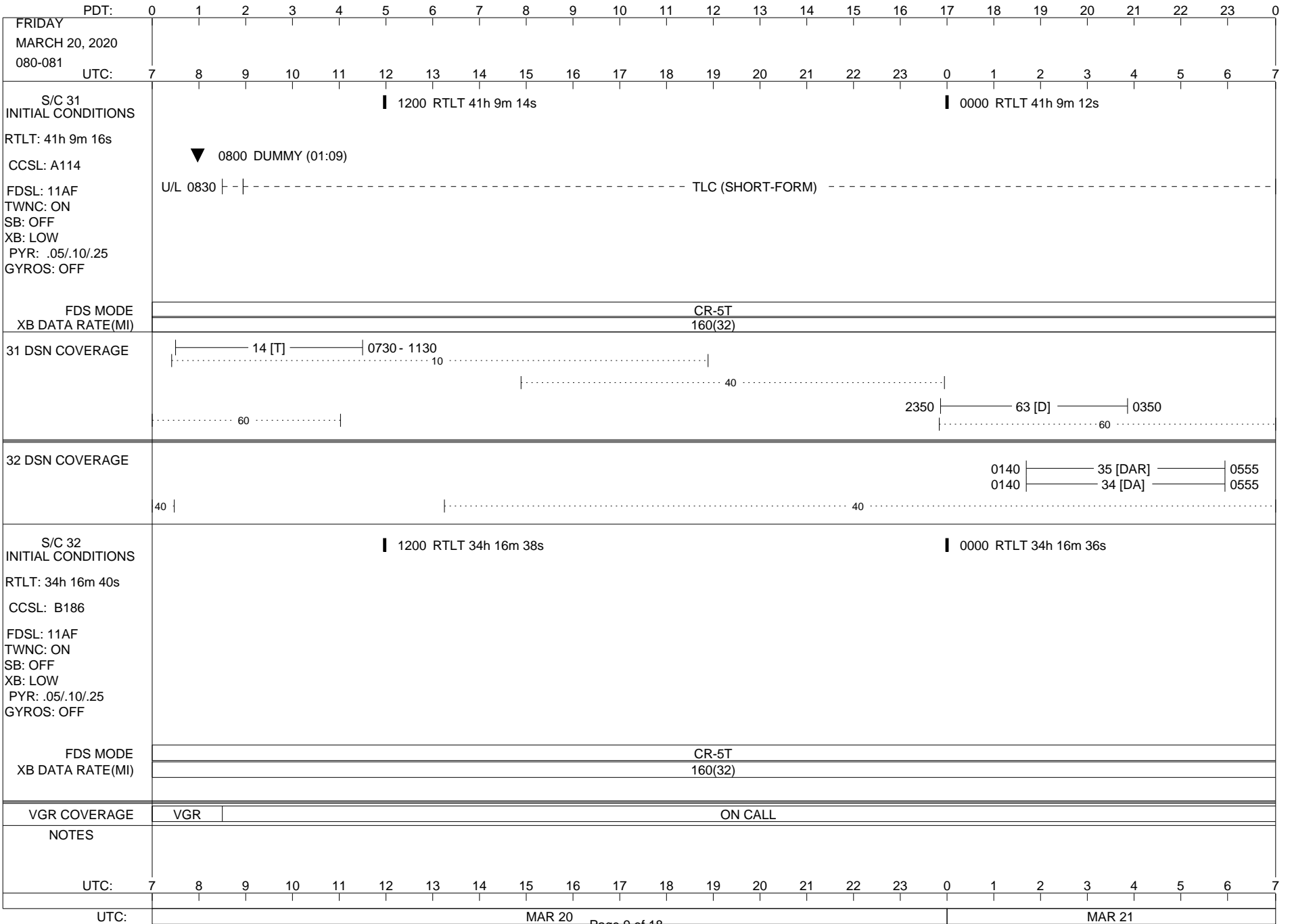


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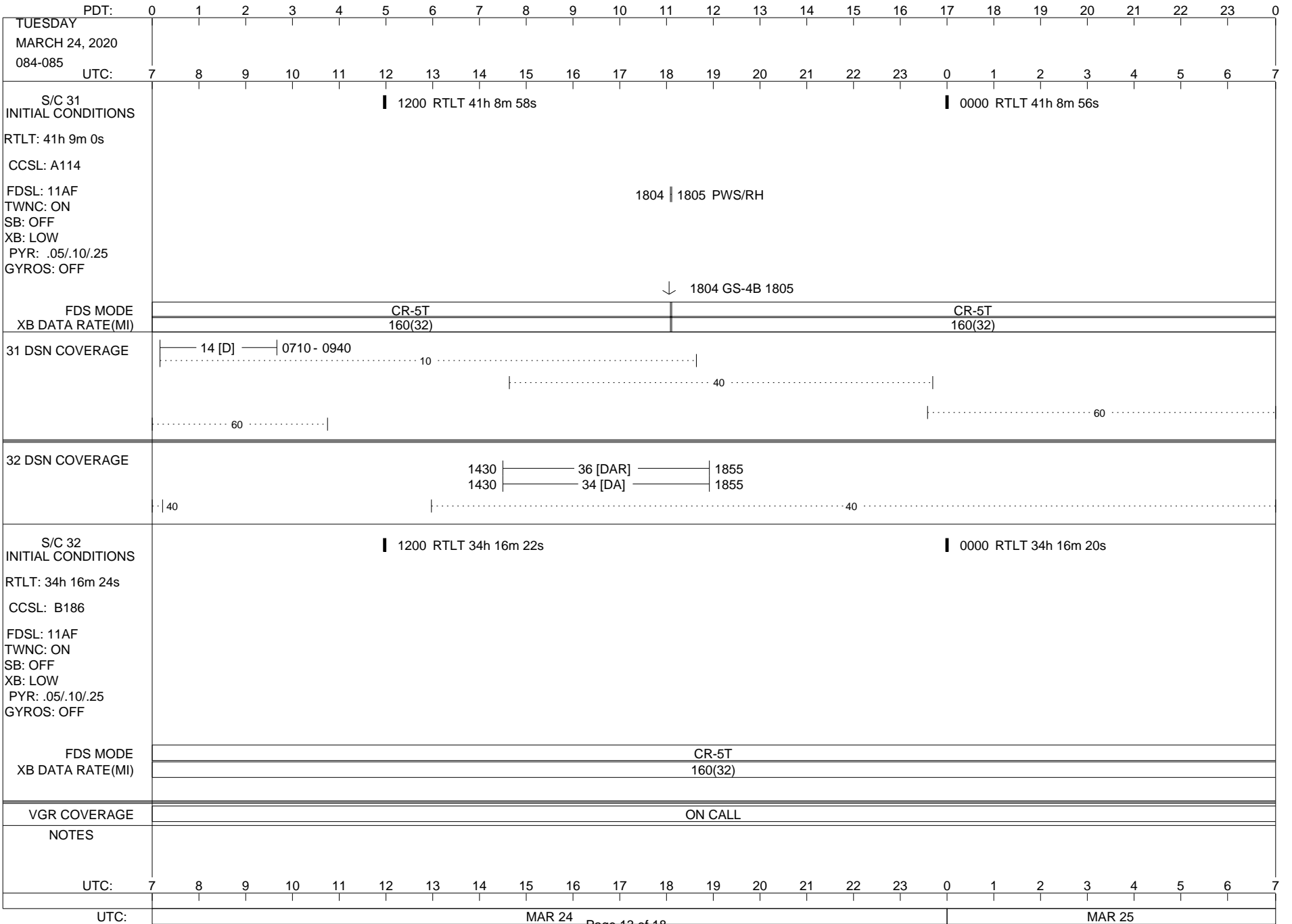
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SATURDAY MARCH 21, 2020 081-082																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 41h 9m 12s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 41h 9m 10s												█ 0000 RTLTL 41h 9m 8s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	----- 14 [D] ----- 0725 - 1035 ----- 10 ----- ----- 40 ----- ----- 2345 ----- 63 [D] ----- 0345 ----- 60 -----																								
32 DSN COVERAGE	----- 40 -----												0005 ----- 36 [DA] ----- 0550 0005 ----- 34 [DAR] ----- 0550 ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 34h 16m 36s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 34h 16m 34s												█ 0000 RTLTL 34h 16m 32s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												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:	MAR 21												MAR 22												

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 MARCH 22, 2020 082-083																										
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: 41h 9m 8s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 41h 9m 6s												0000 RTLTL 41h 9m 4s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	----- 14 [D] ----- 0720 - 1035												----- 63 [D] ----- 0340													
	----- 60 -----												----- 60 -----													
32 DSN COVERAGE	----- 40 -----												----- 40 -----													
	1435 ----- 36 [DAR] ----- 1835												1435 ----- 34 [DA] ----- 1835													
S/C 32 INITIAL CONDITIONS RTLTL: 34h 16m 32s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 16m 30s												0000 RTLTL 34h 16m 28s													
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:	MAR 22												MAR 23													

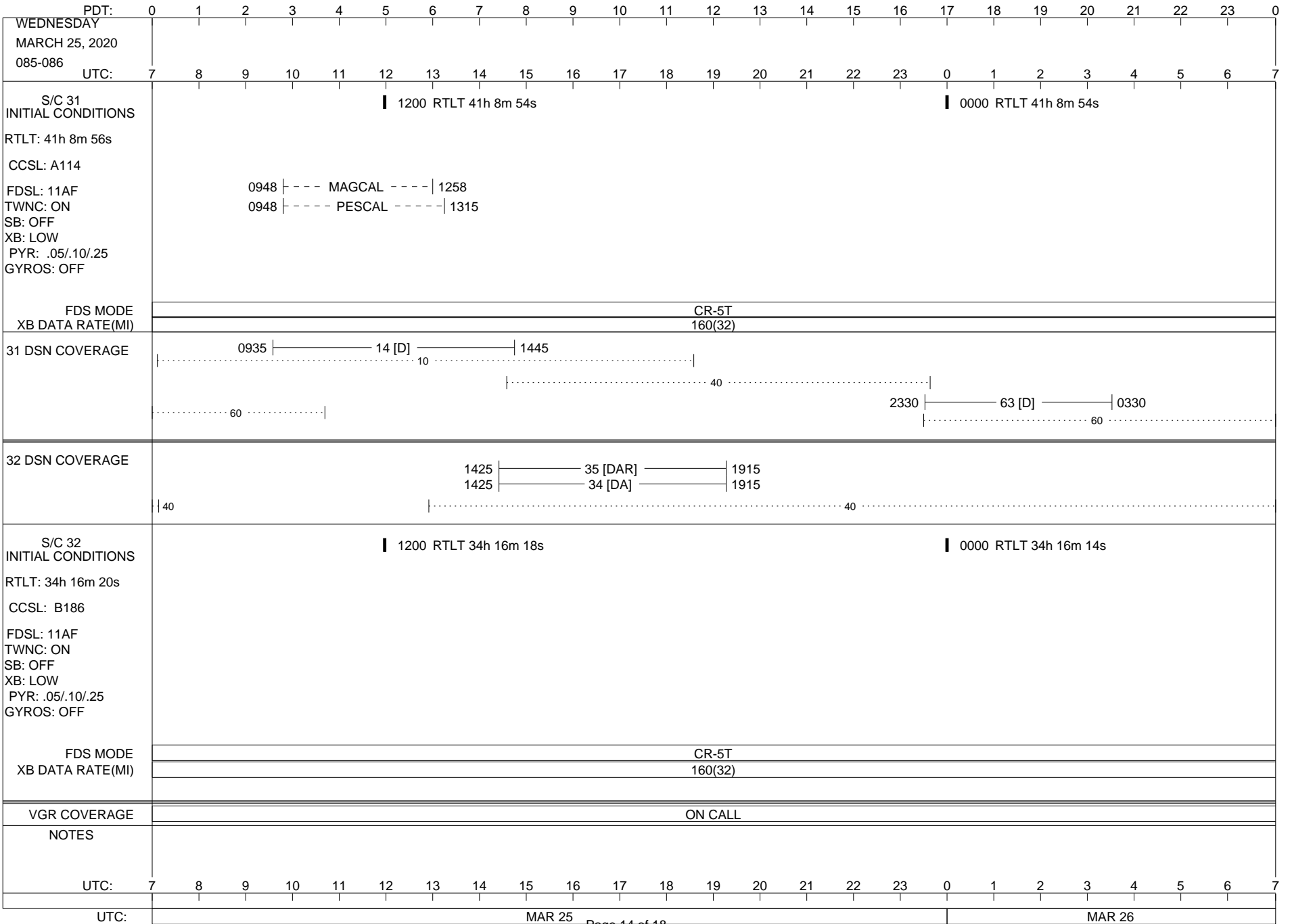
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	
MONDAY MARCH 23, 2020 083-084																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 41h 9m 4s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 41h 9m 2s												0000 RTLTL 41h 9m 0s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	----- 14 [D] ----- 0715 - 1015												----- 63 [D] ----- 0350													
32 DSN COVERAGE	----- 36 [DAR] ----- 1920												----- 34 [DA] ----- 1920													
S/C 32 INITIAL CONDITIONS RTLTL: 34h 16m 28s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 16m 26s												0000 RTLTL 34h 16m 24s													
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:	MAR 23												MAR 24													

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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	
THURSDAY MARCH 26, 2020 086-087																										
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: 41h 8m 54s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 41h 8m 52s												█ 0000 RTLT 41h 8m 50s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	14 [D] 0705 - 1005												14 [T] 0700 - 10													
	60												2330 63 [D] 0330 60													
32 DSN COVERAGE	1420 36 [DAR] 1820												1420 34 [oA] 1820													
	40												40													
S/C 32 INITIAL CONDITIONS RTLT: 34h 16m 14s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 34h 16m 12s												█ 0000 RTLT 34h 16m 10s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												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:	MAR 26												MAR 27													

ISSUE DATE: 03/04/20 14:47

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																												
MARCH 27, 2020																												
087-088																												
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 41h 8m 48s													0000 RTLT 41h 8m 46s													
RTLTL: 41h 8m 50s		▼ 0800 DUMMY (01:09)																										
CCSL: A114		U/L 0830 - ----- TLC (SHORT-FORM) -----																										
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		14 [T] ----- 0700 - 1000 ----- 14 [D] 0655 10 40 60 60 2325 63 [D] ----- 0215 60 60																										
32 DSN COVERAGE		1415 ----- 36 [DA] ----- 1700 1415 ----- 35 [DAR] ----- 1700 40 40 0130 ----- 36 [DAR] ----- 0530 0130 ----- 35 [DA] ----- 0530																										
S/C 32 INITIAL CONDITIONS		1200 RTLT 34h 16m 8s													0000 RTLT 34h 16m 6s													
RTLTL: 34h 16m 10s																												
CCSL: B186																												
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:		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:		MAR 27													MAR 28													

ISSUE DATE: 03/04/20 14:47

