

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: March 16, 2022

For the Period: 03/17/22 to 04/04/22 (22/076 – 22/094)



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

LEGEND:

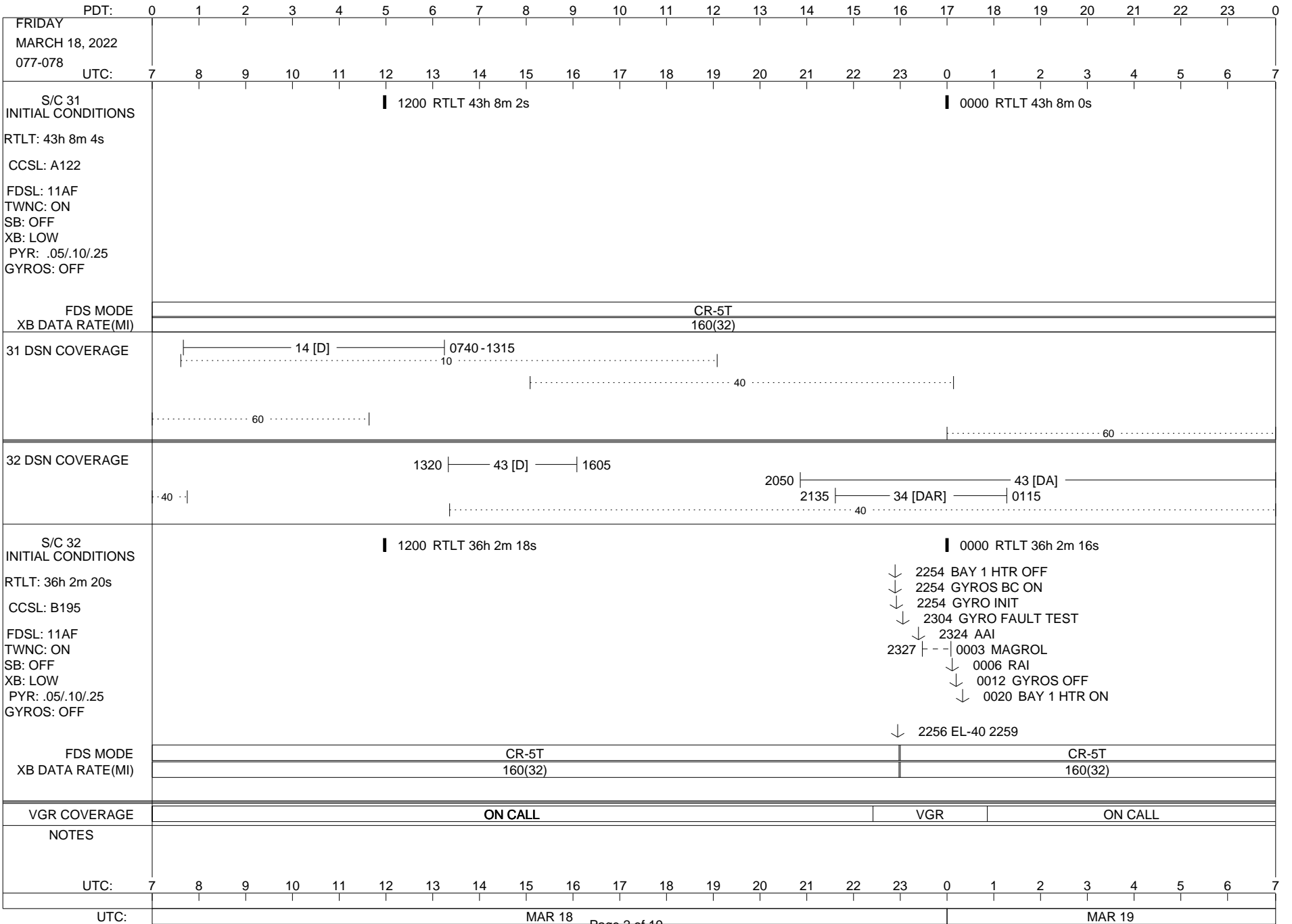
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U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

02/27/19

ISSUE DATE: 03/10/22 15:58

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 17, 2022 076-077																									
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: 43h 8m 8s CCSL: A122 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 8m 6s												0000 RTLT 43h 8m 4s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] 0740-1025												0029 0030 PWS/RH 0041 0053 TAPPOS												
	0715 63 [D]												0029 GS-4B 0030												
32 DSN COVERAGE	0750 43 [D]												1452 1508 SHUNT POWER TEST												
S/C 32 INITIAL CONDITIONS RTLTL: 36h 2m 24s CCSL: B195 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 2m 22s												0000 RTLT 36h 2m 20s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												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 17												MAR 18												

ISSUE DATE: 03/10/22 15:58



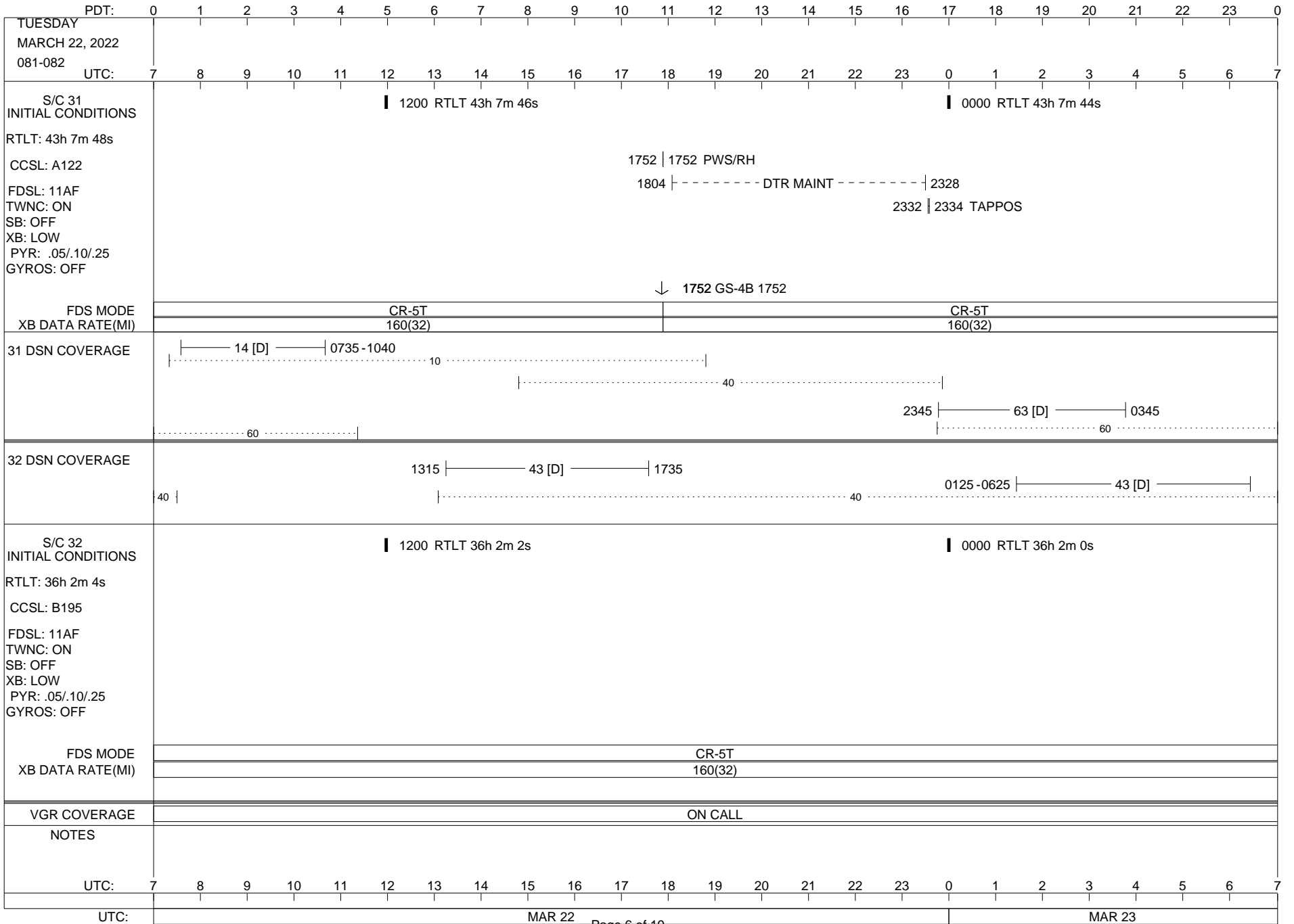
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SATURDAY MARCH 19, 2022 078-079	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 43h 8m 0s CCSL: A122 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 7m 58s												0000 RTLT 43h 7m 56s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] 0735-1115												0328 0330 PWS/RH 0340 0342 TAPPOS ↓ 0328 GS-4B 0330												
32 DSN COVERAGE	0740 43 [DA] 1315 43 [D] 1930												0355 43 [B]												
S/C 32 INITIAL CONDITIONS RTLTL: 36h 2m 16s CCSL: B195 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 2m 14s												0000 RTLT 36h 2m 12s												
FDS MODE	CR-5T												DUMMY (5 MIN BRACKETED 18:00) 0557▼												
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL												VGR												
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 19												MAR 20												

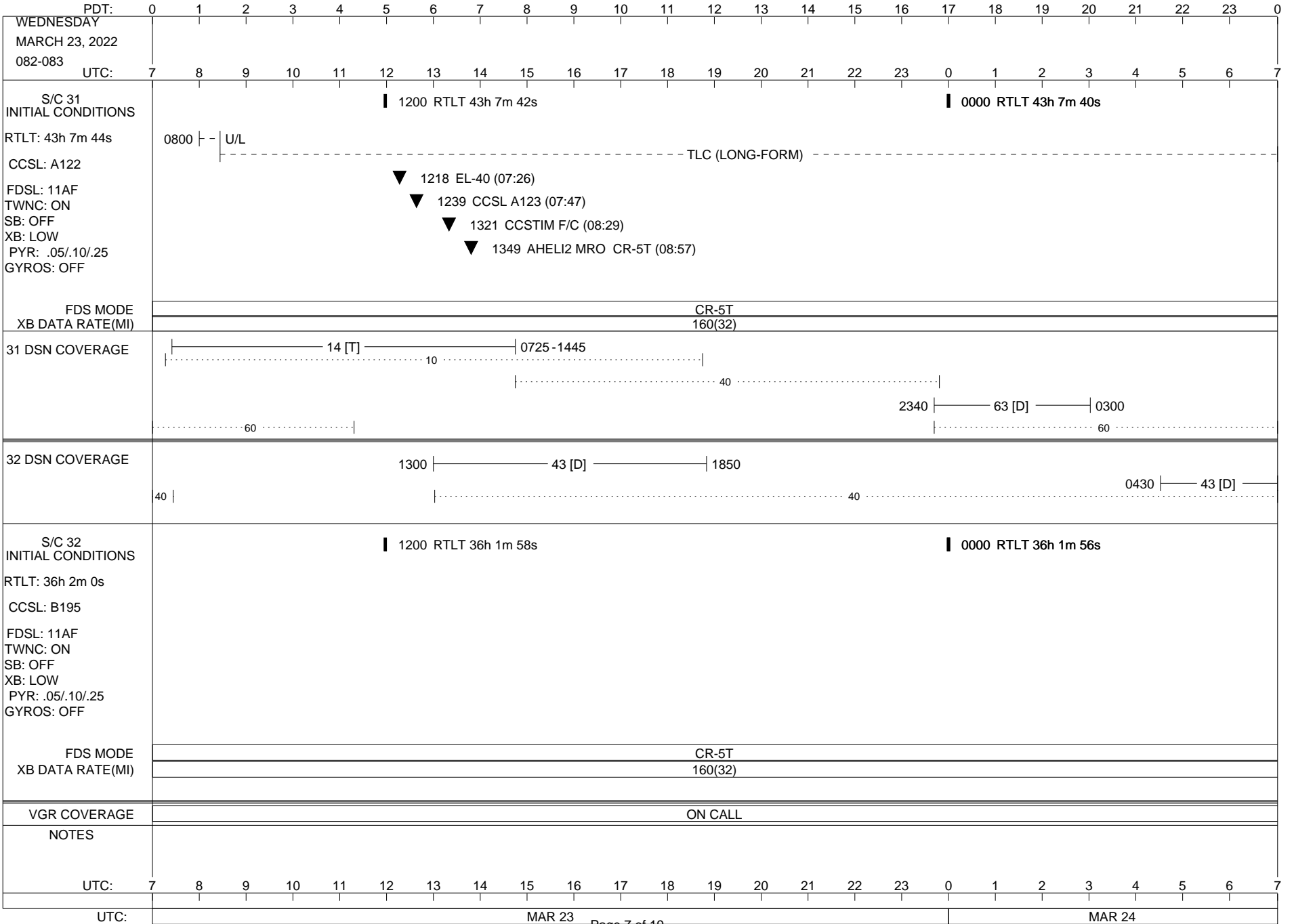
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0		
SUNDAY MARCH 20, 2022 079-080																											
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S/C 31 INITIAL CONDITIONS RTLT: 43h 7m 56s CCSL: A122 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 43h 7m 54s												0000 RTLT 43h 7m 52s														
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)														
31 DSN COVERAGE	-----14 [D]----- 0730-1145 -----10----- -----40----- -----60-----												2355 -----63 [D]----- 0355 -----60-----														
32 DSN COVERAGE	0740 43 [B] -----40-----												1315 -----43 [D]----- 1935 -----40----- 0550 43 [D] -----40-----														
S/C 32 INITIAL CONDITIONS RTLT: 36h 2m 12s CCSL: B195 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 2m 10s												0000 RTLT 36h 2m 8s														
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 20														MAR 21												

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 21, 2022 080-081	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: 43h 7m 52s CCSL: A122 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 7m 50s												0000 RTLT 43h 7m 48s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	14 [D] 0725-1125												60 2350 63 [D] 0355													
32 DSN COVERAGE	0735 43 [D] 1310 43 [o] 1505												1740 43 [D] 2040 40													
S/C 32 INITIAL CONDITIONS RTLTL: 36h 2m 8s CCSL: B195 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 2m 6s												0000 RTLT 36h 2m 4s													
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 21													MAR 22												



ISSUE DATE: 03/10/22 15:58

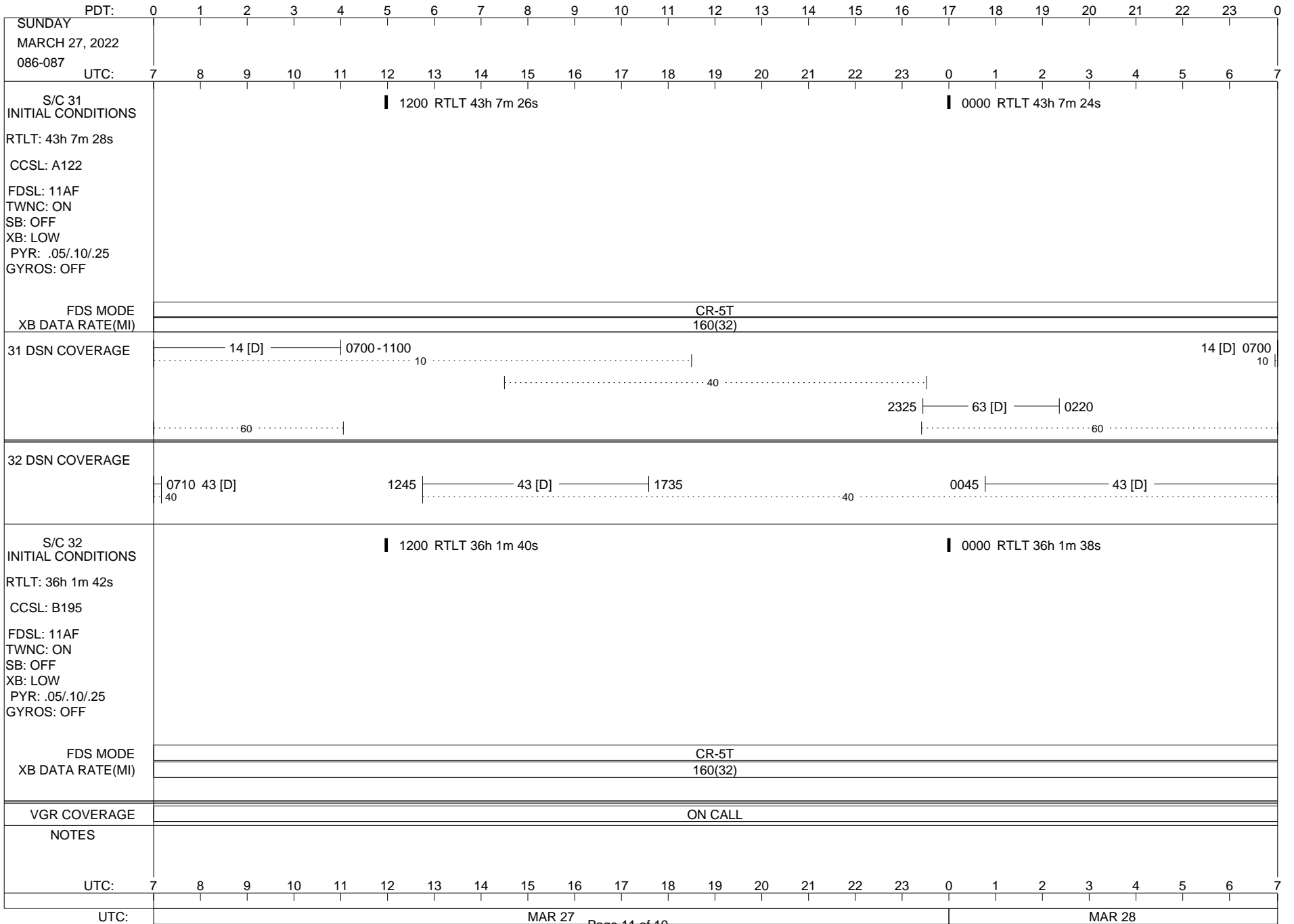


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THURSDAY MARCH 24, 2022 083-084																												
S/C 31 INITIAL CONDITIONS RTLT: 43h 7m 40s CCSL: A122 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 7m 38s												0000 RTLT 43h 7m 36s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
31 DSN COVERAGE	<p>14 [D] 0715-1115</p> <p>10</p> <p>40</p> <p>2335 63 [D] 0520</p> <p>60</p>																											
32 DSN COVERAGE	<p>0725 43 [D]</p> <p>40</p> <p>1255 43 [D] 1610</p> <p>40</p> <p>0415 43 [D]</p>																											
S/C 32 INITIAL CONDITIONS RTLT: 36h 1m 56s CCSL: B195 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 1m 54s												0000 RTLT 36h 1m 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 24														MAR 25													

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 MARCH 25, 2022 084-085																												
S/C 31 INITIAL CONDITIONS	1200 RTLT 43h 7m 34s														0000 RTLT 43h 7m 32s													
RTLT: 43h 7m 36s	* 0758 0802 A123 CHKSUM																											
CCSL: A122	* 0830 0837 CCSTIM FINE																											
FDSL: 11AF	0847 0850 COARSE																											
TWNC: ON	* 0858 0900 2 AHELI2 SID MRO'S																											
SB: OFF	* 0727 EL-40																											
XB: LOW	↓ 0903 CR-5T																											
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 36h 1m 50s														0000 RTLT 36h 1m 48s													
RTLT: 36h 1m 52s																												
CCSL: B195																												
FDSL: 11AF	DUMMY (5 MIN BRACKETED 13:59) 0157▼																											
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	[1] S/C 31=EL-40 @ 0727 XB=40(30) [2] S/C 31=CR-5T @ 0903 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			
UTC:	MAR 25														MAR 26													

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 MARCH 26, 2022 085-086	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: 43h 7m 32s CCSL: A122 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 7m 30s												0000 RTLT 43h 7m 28s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] 0705-0935												14 [D] 0700												
32 DSN COVERAGE	0710 43 [oB] 40												1850 43 [D] 40												
S/C 32 INITIAL CONDITIONS RTLT: 36h 1m 48s CCSL: B195 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 1m 44s												0000 RTLT 36h 1m 42s												
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: 03/10/22 15:58



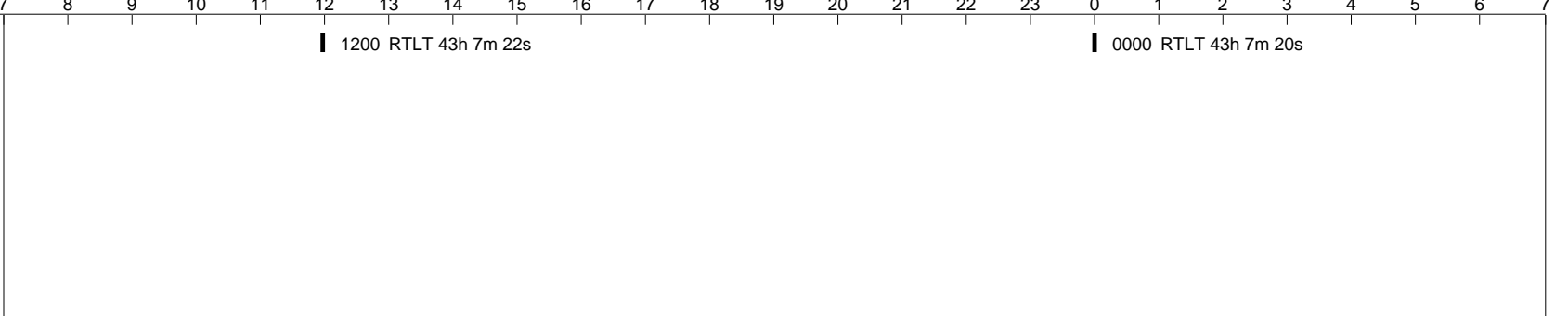
ISSUE DATE: 03/10/22 15:58

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 28, 2022
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

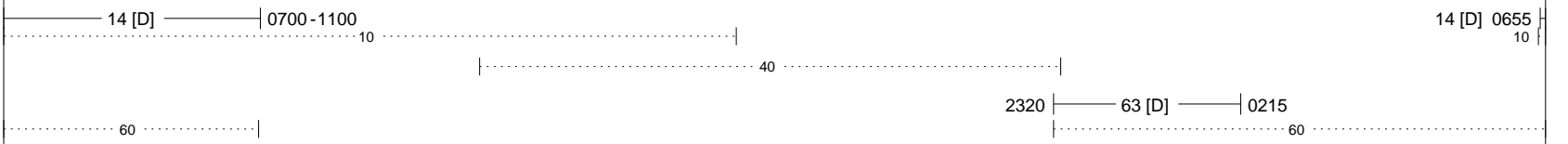
S/C 31
INITIAL CONDITIONS
RTLTL: 43h 7m 24s
CCSL: A122
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF



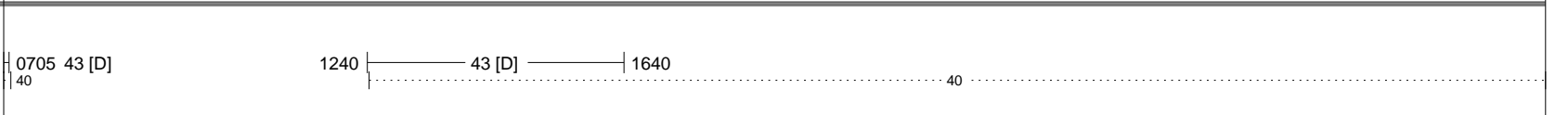
FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

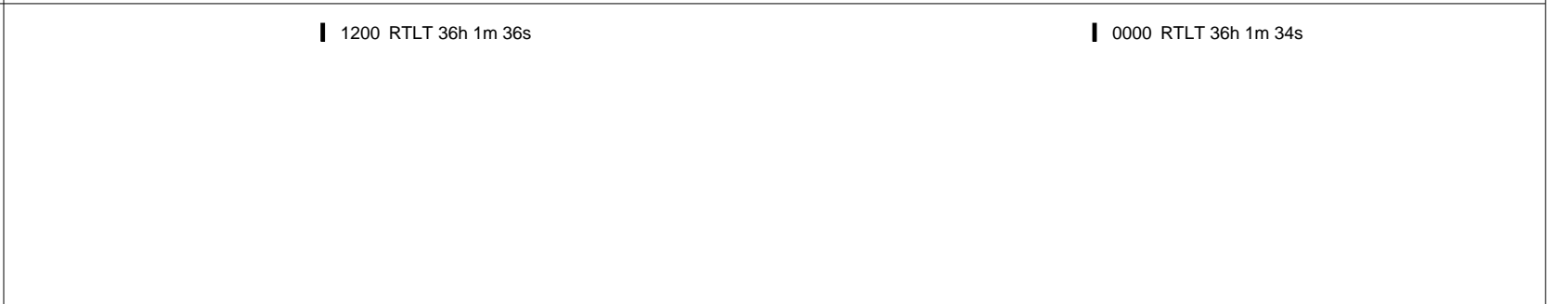
31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLTL: 36h 1m 38s
CCSL: B195
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF



FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

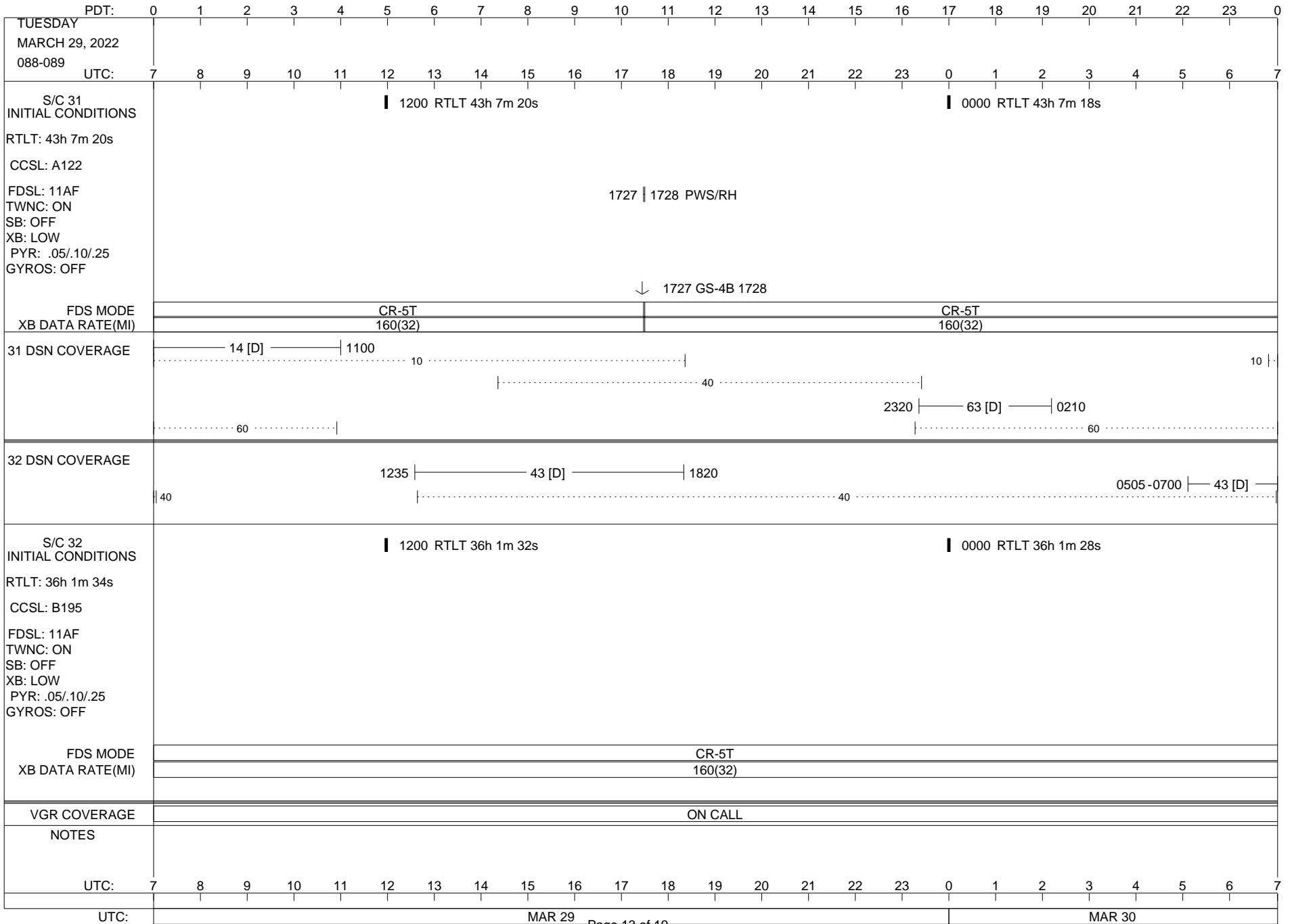
VGR COVERAGE

ON CALL

NOTES

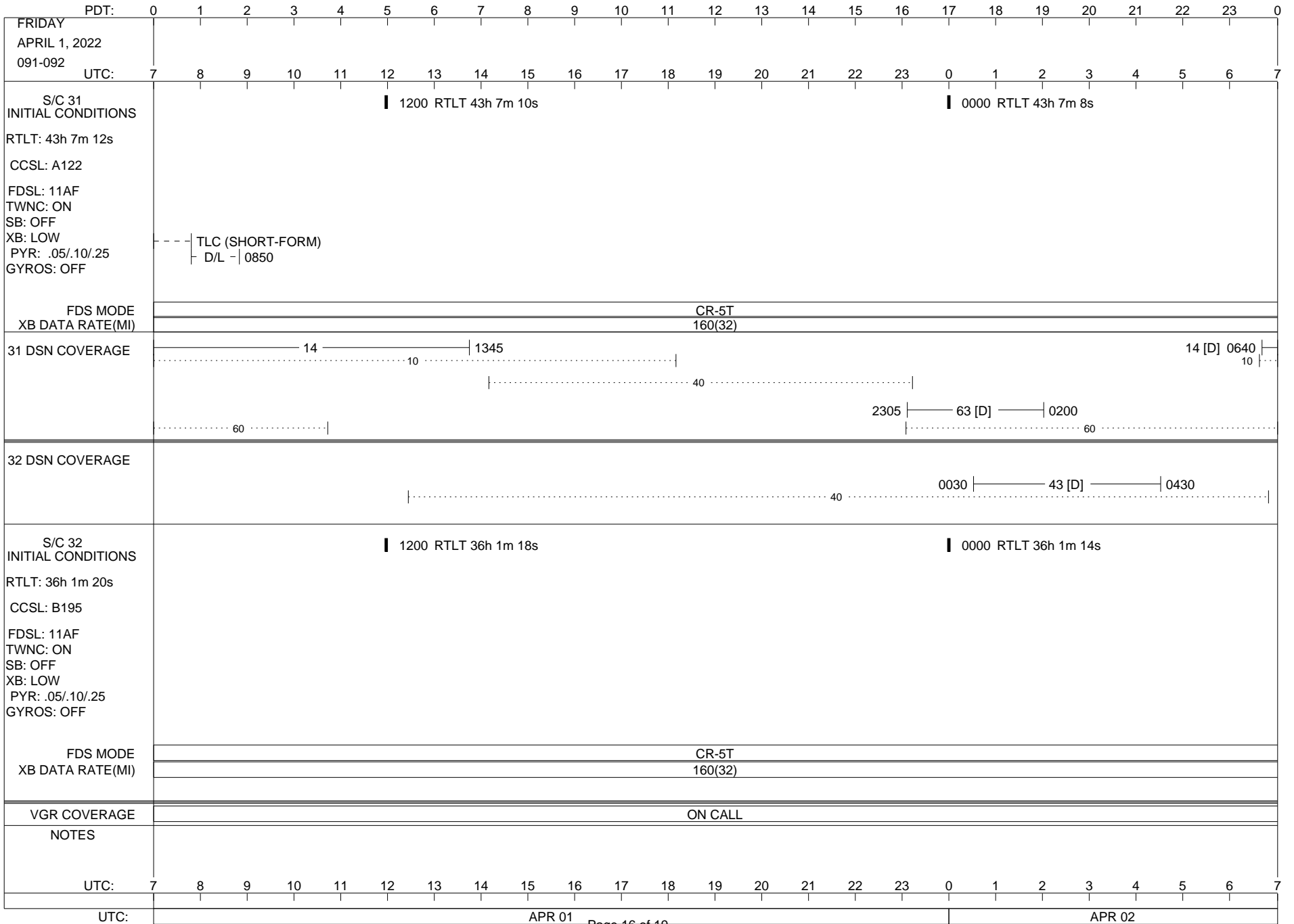
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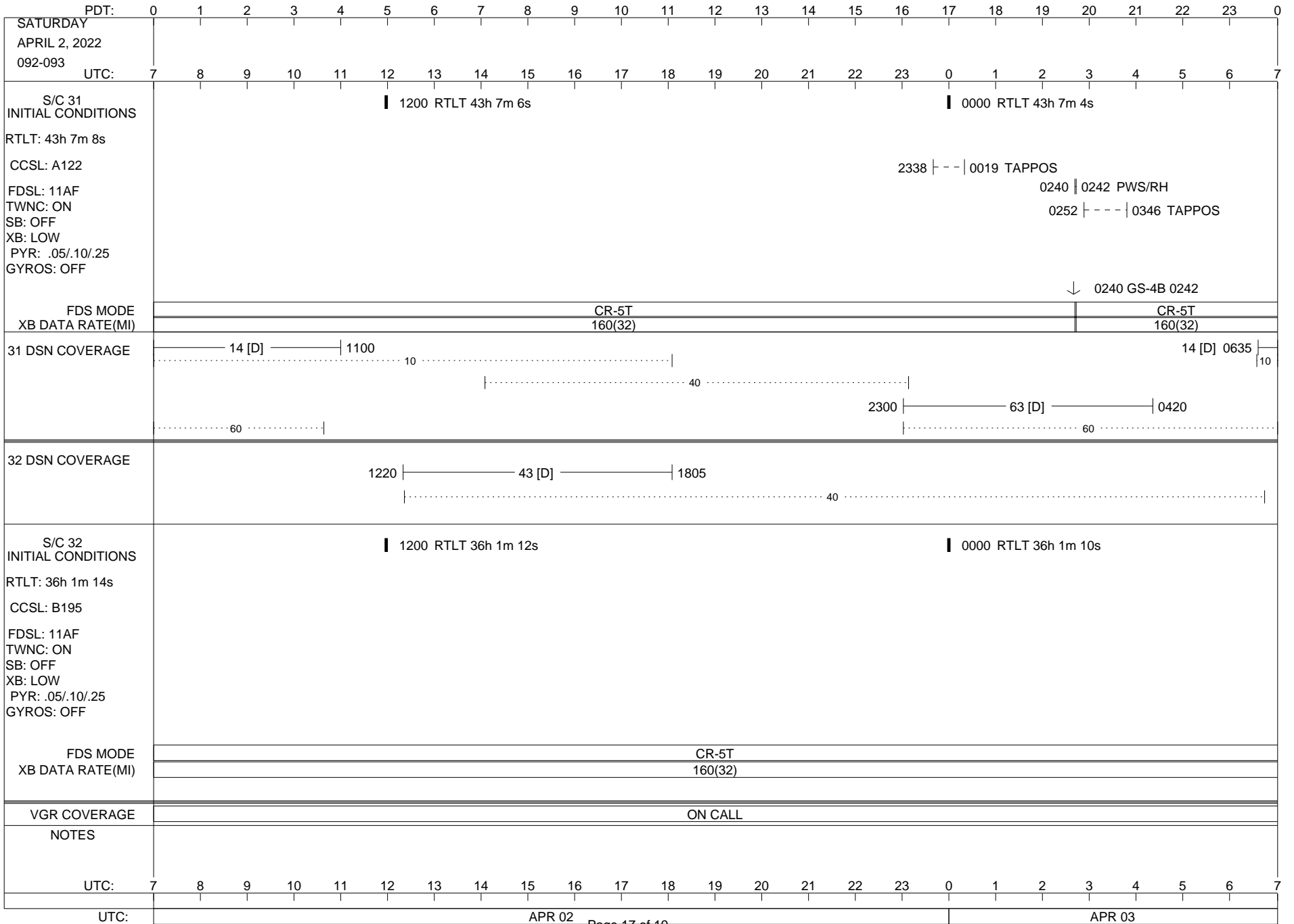
UTC: MAR 28 | Page 12 of 19 | MAR 29

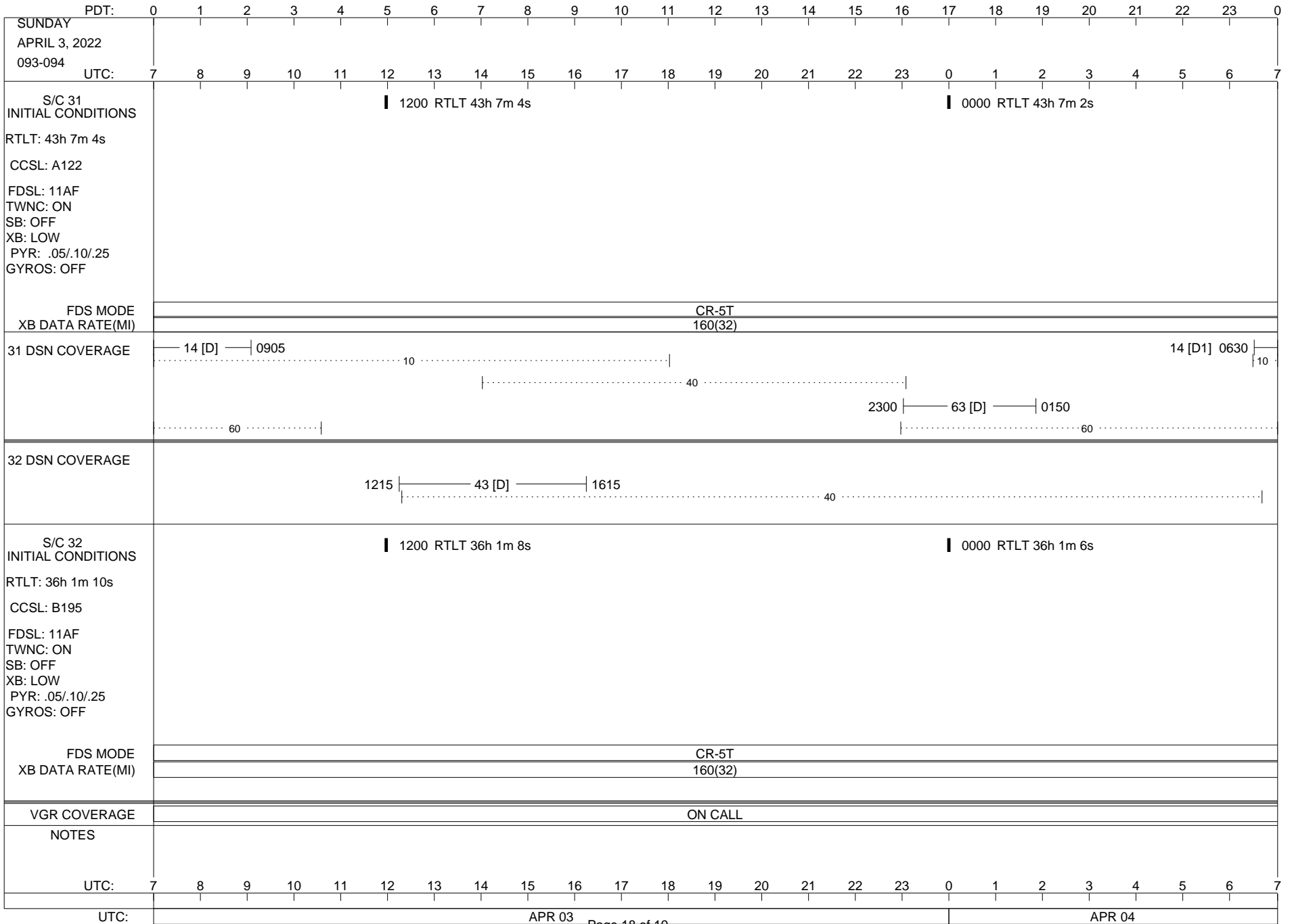


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WEDNESDAY MARCH 30, 2022 089-090																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 43h 7m 18s CCSL: A122 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	1200 RTLT 43h 7m 16s												0000 RTLT 43h 7m 14s													
	0919 --- MAGCAL --- 1221 0919 --- PESCAL --- 1239												▼ 1150 CCS DIAG (06:57)													
	U/L 1215 - ----- TLC (SHORT-FORM) -----																									
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	14 [T] ----- 0705-1250										14 [D] 0645															
	----- 10 -----										----- 10 -----															
	----- 60 -----										----- 60 -----															
32 DSN COVERAGE	0700 43 [D] ----- 1235										43 [D] ----- 1715															
	----- 40 -----										----- 40 -----															
S/C 32 INITIAL CONDITIONS RTLT: 36h 1m 28s CCSL: B195 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	1200 RTLT 36h 1m 26s												0000 RTLT 36h 1m 24s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
VGR COVERAGE	ON CALL						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 30												MAR 31													

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 31, 2022 090-091																										
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: 43h 7m 14s CCSL: A122 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 7m 12s												0000 RTLT 43h 7m 12s													
													2038 - 2105 TAPPOS 2340 2342 PWS/RH 2352 - - 0032 TAPPOS													
	----- TLC (SHORT-FORM) -----																									
													↓ 2340 GS-4B 2342													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)													
31 DSN COVERAGE	14 [D] 1140 10 40 60												2310 63 [D] 0200 60													
32 DSN COVERAGE	1230 43 [o] 1630 40												0305-0650 43 [D] 													
S/C 32 INITIAL CONDITIONS RTLTL: 36h 1m 24s CCSL: B195 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 1m 22s												0000 RTLT 36h 1m 20s													
													DUMMY (5 MIN BRACKETED 15:59) 0357▼													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																									
VGR COVERAGE	ON CALL												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 31												APR 01													







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 APRIL 4, 2022 094-095																										
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: 43h 7m 2s CCSL: A122 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 43h 7m 0s												█ 0000 RTLTL 43h 7m 0s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	14 [D1] 1240										14 [D] 0625 10															
															
	60										2255 63 [D] 0155															
															
32 DSN COVERAGE	1215 43 [o] 1825												40													
													
S/C 32 INITIAL CONDITIONS RTLTL: 36h 1m 6s CCSL: B195 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 36h 1m 2s												█ 0000 RTLTL 36h 1m 0s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE													ON CALL													
NOTES	[1] A123 BACKUP U/L TRACK																									
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:	APR 04														APR 05											