

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: February 28, 2024

For the Period: 02/29/24 to 03/18/24 (24/060 – 24/078)



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

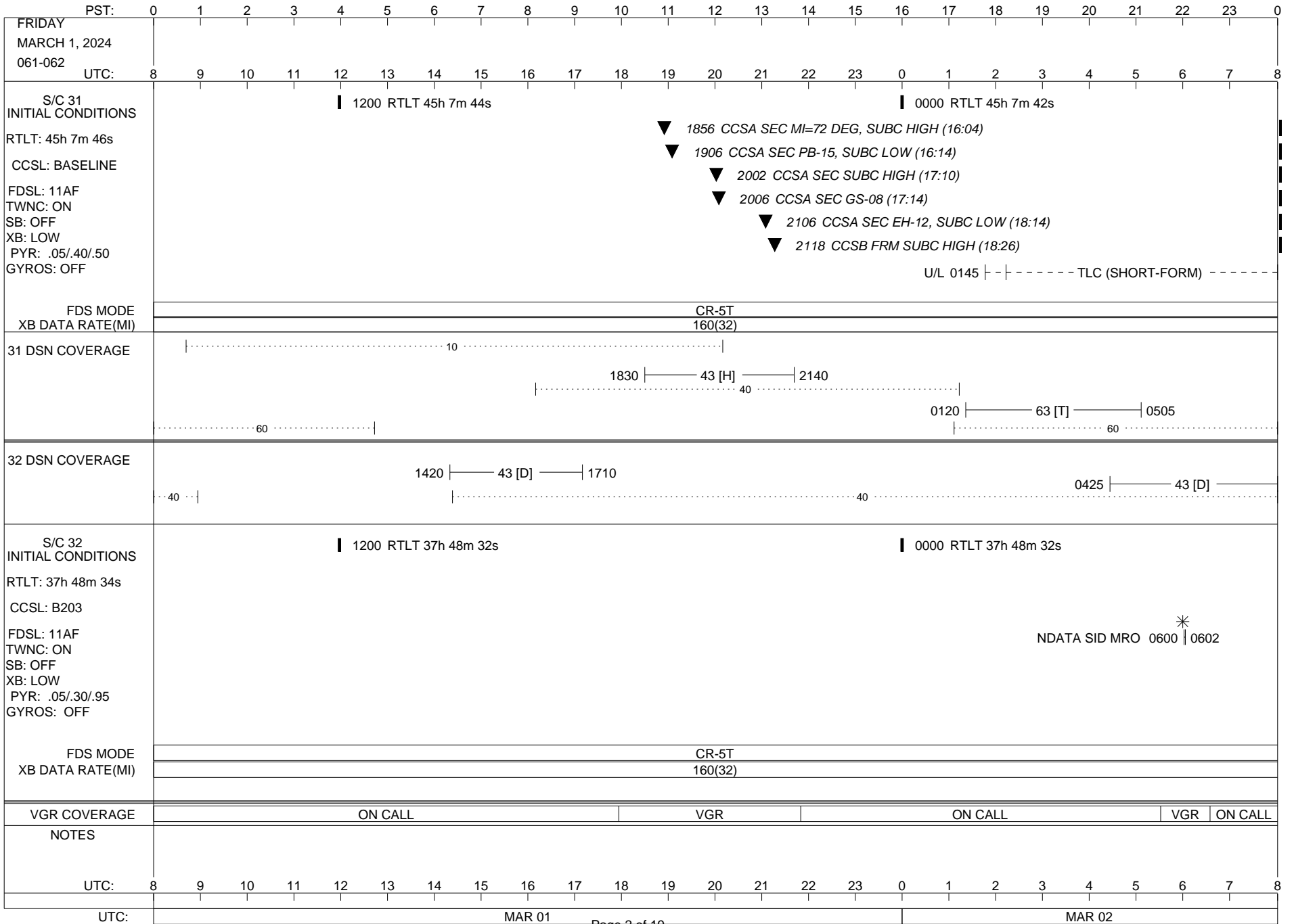
LEGEND:

- ▽ = 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

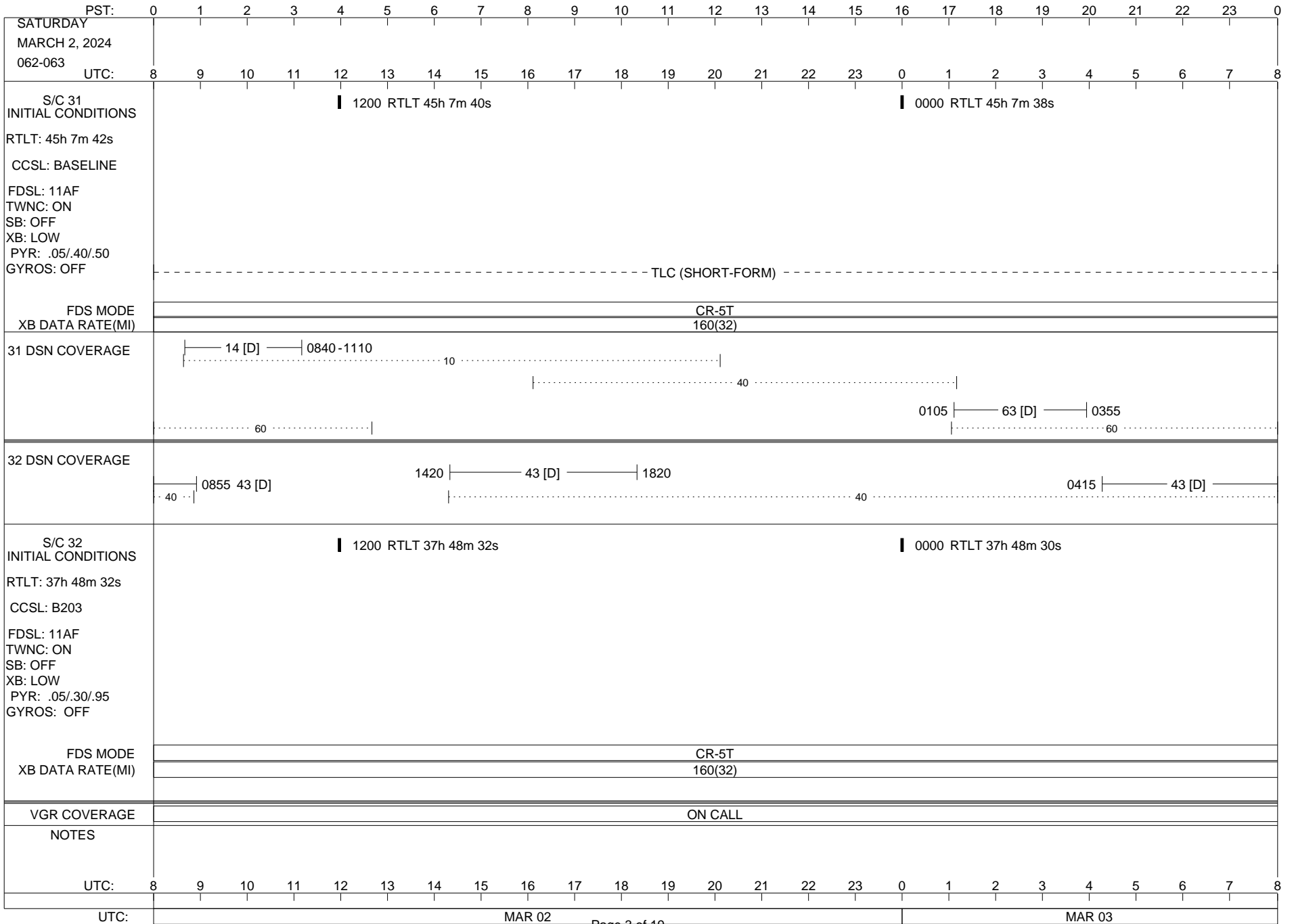
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S/C 31 INITIAL CONDITIONS RTLT: 45h 7m 52s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.40/.50 GYROS: OFF	█ 1200 RTLT 45h 7m 50s												█ 0000 RTLT 45h 7m 46s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	-----10-----												-----40-----												
	-----60-----												0110 -----63 [D]----- 0510												
													-----60-----												
32 DSN COVERAGE	43 [D] 0900												1455 -----43 [H1o]----- 1840												
	-----40-----												2345 -----43 [D]----- 0255												
													-----40-----												
S/C 32 INITIAL CONDITIONS RTLT: 37h 48m 36s CCSL: B203 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.30/.95 GYROS: OFF	█ 1200 RTLT 37h 48m 34s												█ 0000 RTLT 37h 48m 34s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												VGR												
													ON CALL												
NOTES	[1] DSS-43 HPTXR DRV ON >= 15:50																								
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 29												MAR 01												

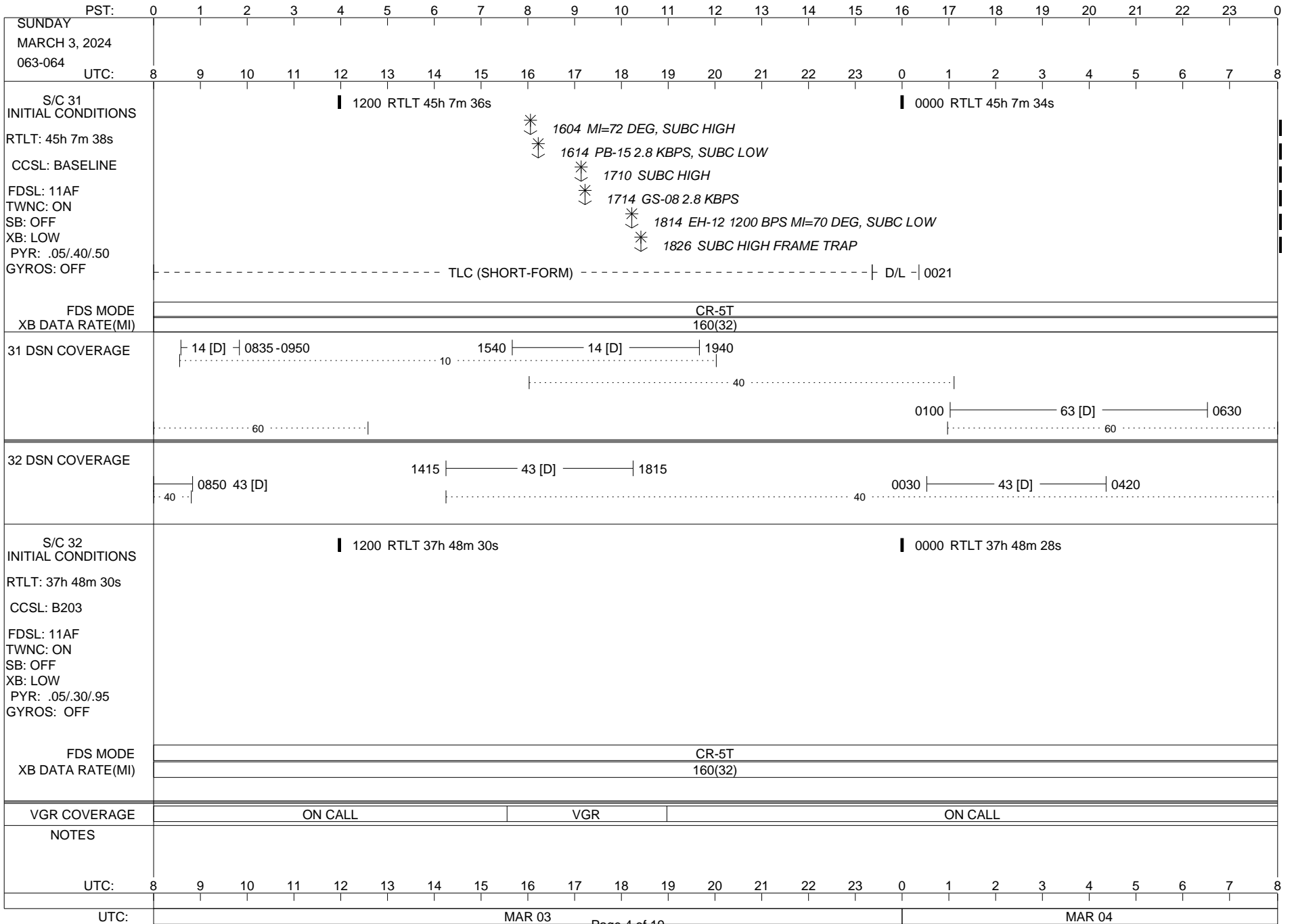
ISSUE DATE: 03/06/24 08:50



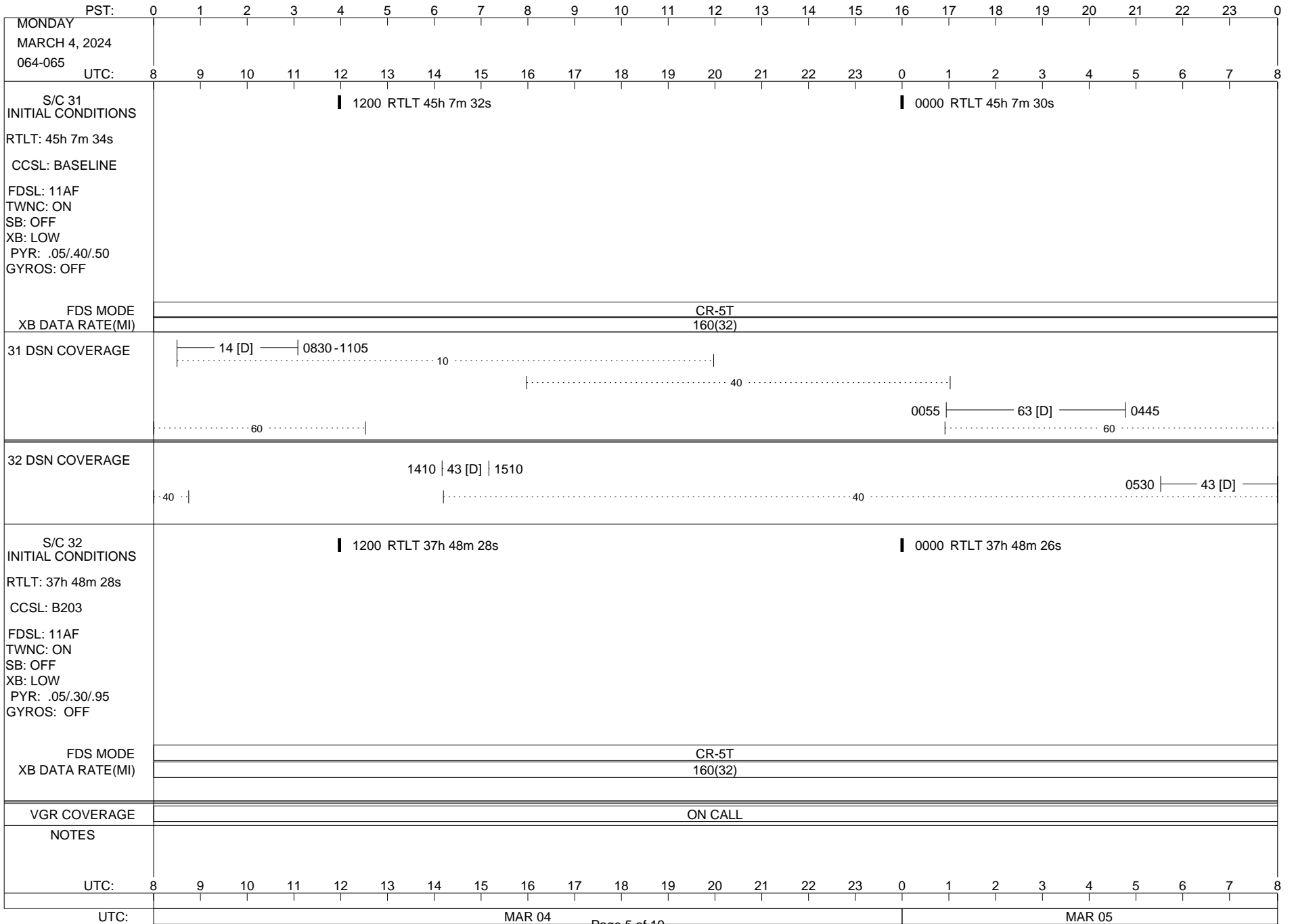
ISSUE DATE: 03/06/24 08:50



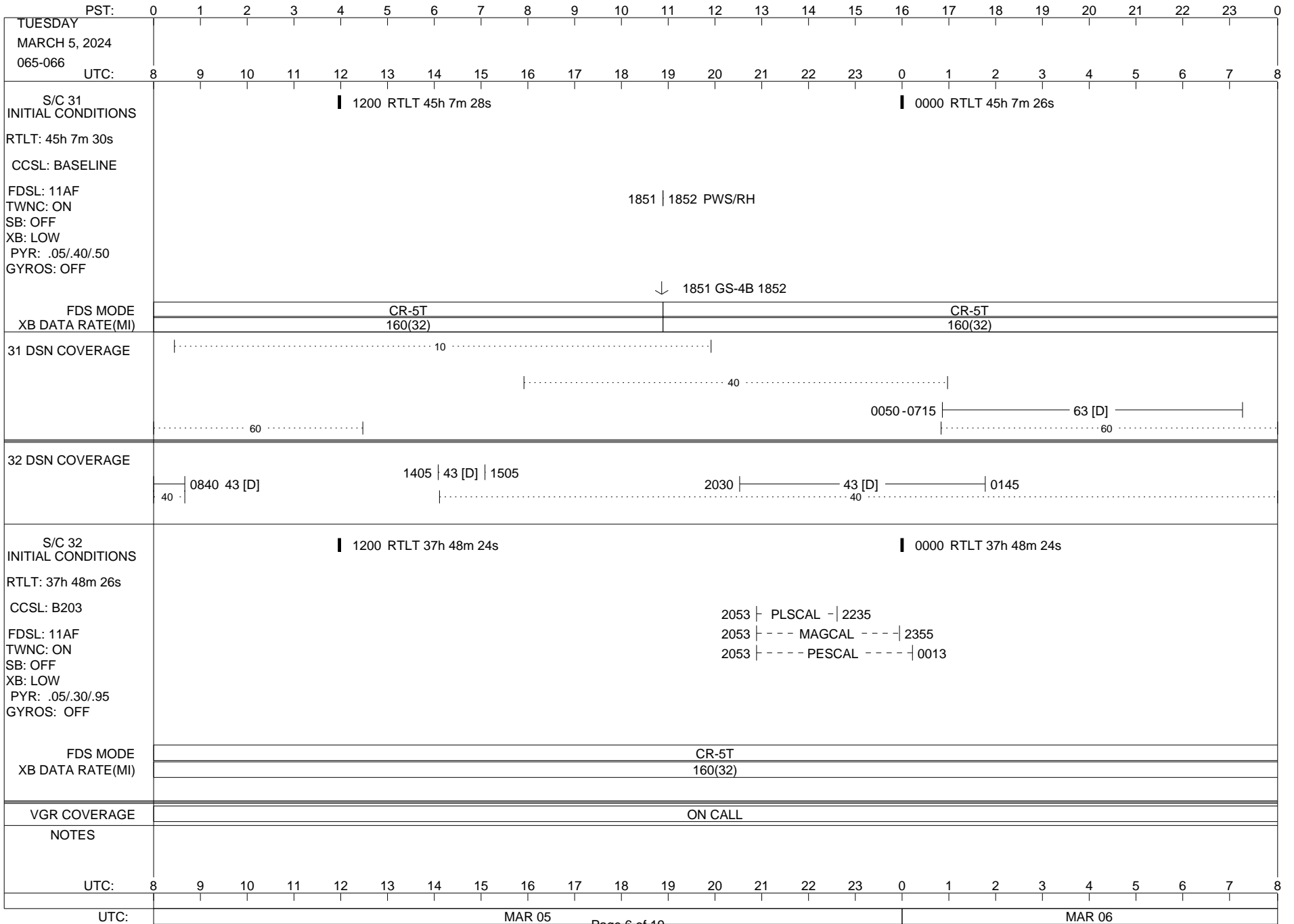
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ISSUE DATE: 03/06/24 08:50



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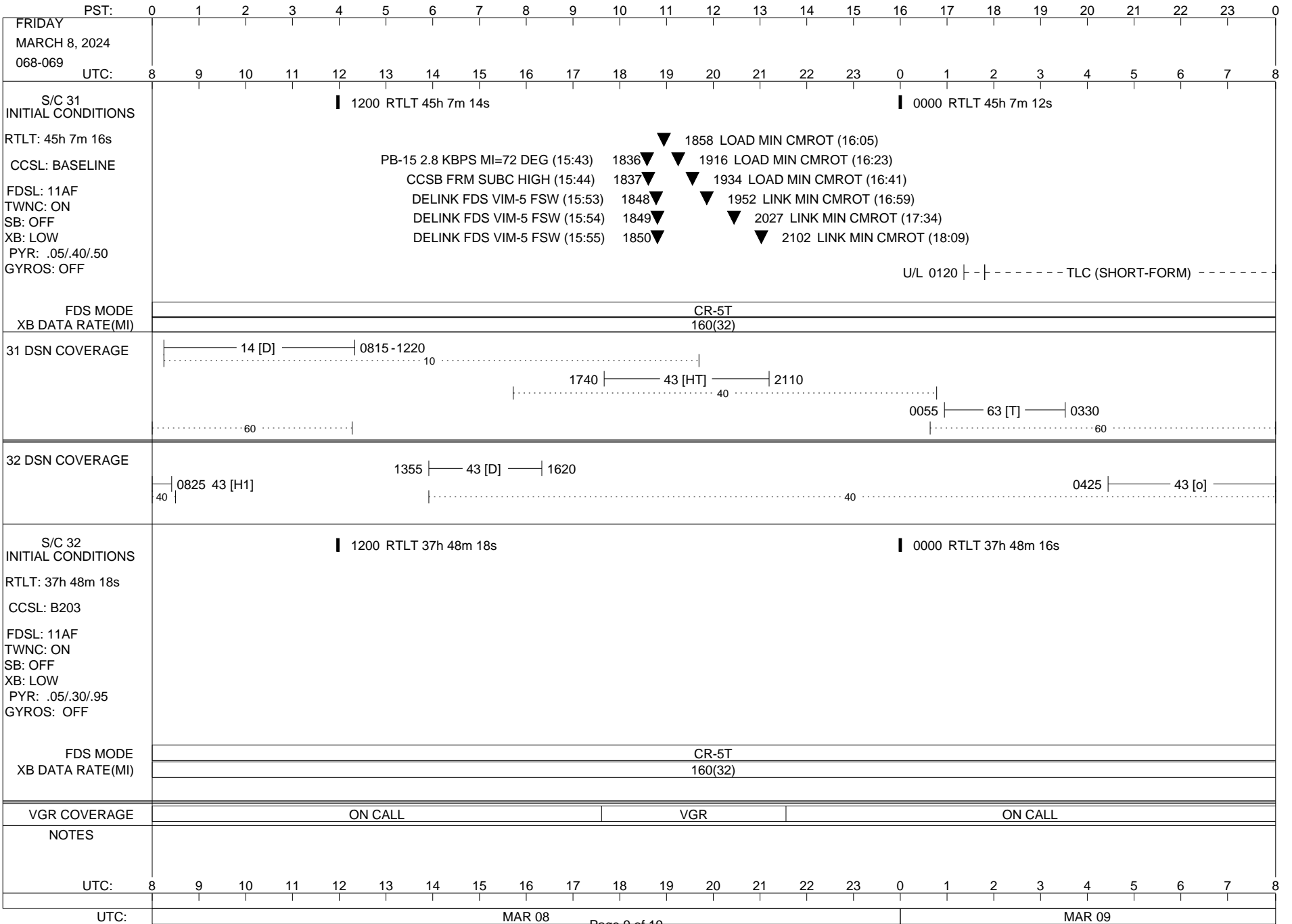
ISSUE DATE: 03/06/24 08:50

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WEDNESDAY																													
MARCH 6, 2024																													
066-067																													
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 45h 7m 22s														0000 RTLT 45h 7m 20s													
RTLT: 45h 7m 26s																													
CCSL: BASELINE																													
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/.40/.50																													
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 37h 48m 22s														0000 RTLT 37h 48m 22s													
RTLT: 37h 48m 24s																													
CCSL: B203																													
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/.30/.95																													
GYROS: OFF																													
FDS MODE																CR-5T													
XB DATA RATE(MI)																160(32)													
VGR COVERAGE		ON CALL																											
NOTES		[1] DDA PIT																											
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 06														MAR 07													

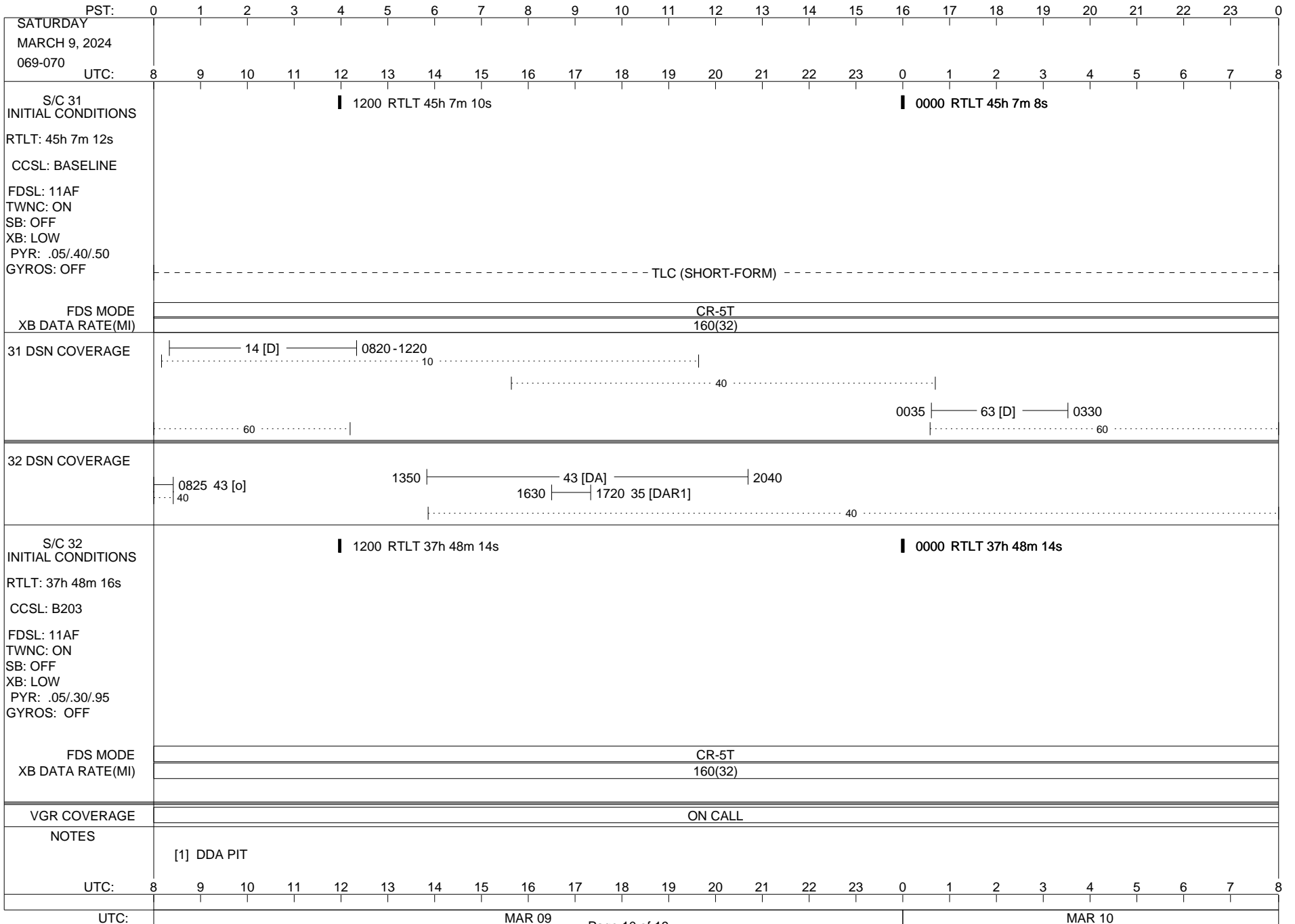
ISSUE DATE: 03/06/24 08:50

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			
THURSDAY																													
MARCH 7, 2024																													
067-068																													
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 45h 7m 18s														█ 0000 RTLT 45h 7m 16s													
RTLT: 45h 7m 20s																													
CCSL: BASELINE																													
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/.40/.50																													
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 37h 48m 20s														█ 0000 RTLT 37h 48m 18s													
RTLT: 37h 48m 22s																													
CCSL: B203																													
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/.30/.95																													
GYROS: OFF																													
FDS MODE																CR-5T													
XB DATA RATE(MI)																160(32)													
VGR COVERAGE		ON CALL														VGR													
NOTES		[1] DSS-43 HPTXR DRV OFF <= 07:00																											
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 07														MAR 08													

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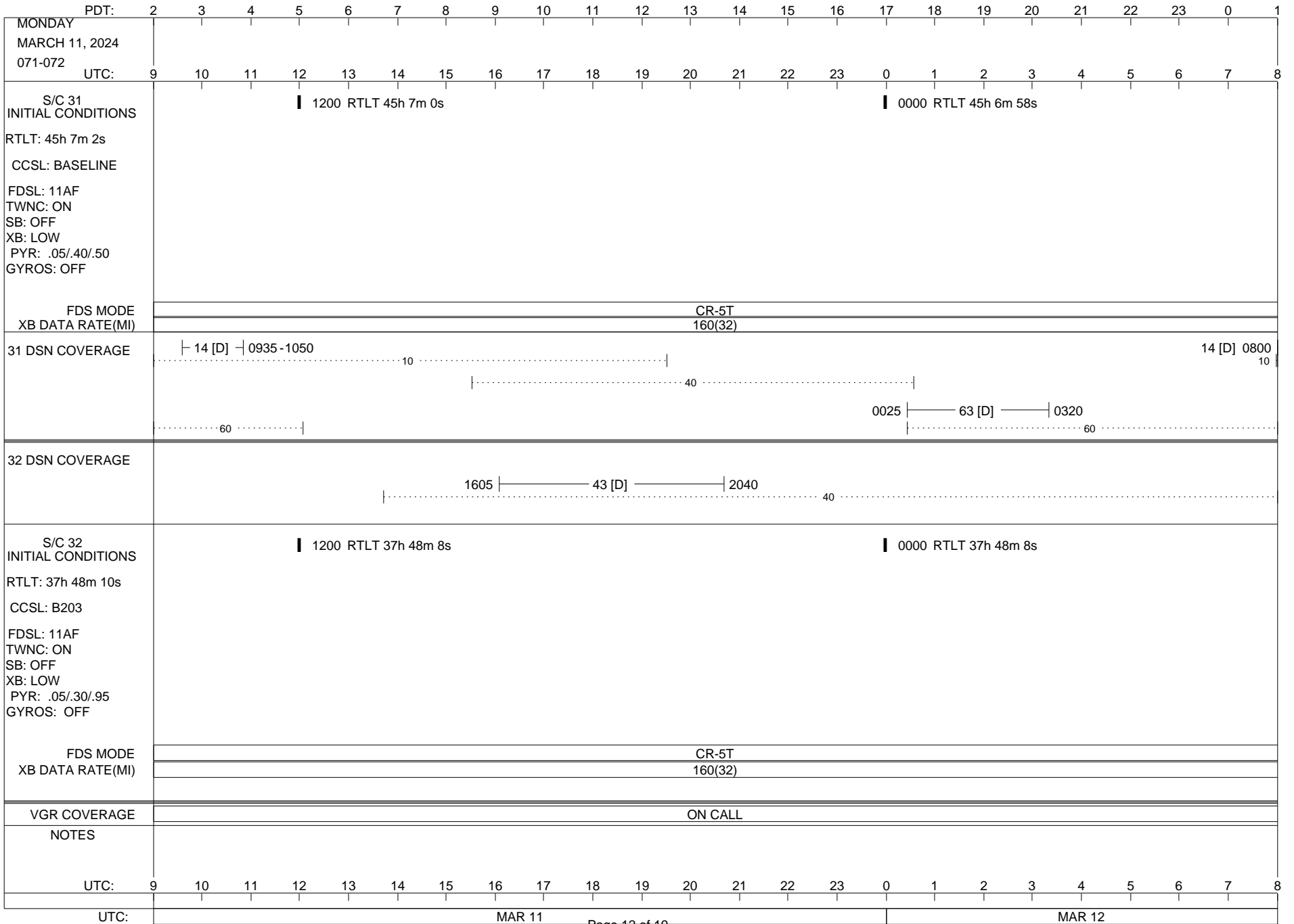
ISSUE DATE: 03/06/24 08:50



ISSUE DATE: 03/06/24 08:50

PST: 0 1 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2	
SUNDAY MARCH 10, 2024 070-071	
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 9	
S/C 31 INITIAL CONDITIONS RTLTL: 45h 7m 8s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.40/.50 GYROS: OFF	<p>1200 RTLT 45h 7m 6s</p> <p>1605 LOAD MIN CMROT</p> <p>PB-15 2.8 KBPS MI=72 DEG 1543</p> <p>1623 LOAD MIN CMROT</p> <p>SUBC HIGH FRAME TRAP 1544</p> <p>1641 LOAD MIN CMROT</p> <p>DELINK FDS VIM-5 FSW 1553</p> <p>1659 LINK MIN CMROT</p> <p>DELINK FDS VIM-5 FSW 1554</p> <p>1734 LINK MIN CMROT</p> <p>DELINK FDS VIM-5 FSW 1555</p> <p>1809 LINK MIN CMROT</p> <p>0000 RTLT 45h 7m 2s</p> <p>----- TLC (SHORT-FORM) ----- + D/L - 2355</p>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
31 DSN COVERAGE	<p>1530 ----- 14 [D] ----- 1930</p> <p>0345 53 [DA] 0535</p> <p>0345 54 [DA] 0535 10</p> <p>0345 55 [DAR] 0535</p> <p>0345 65 [DA] 0535</p> <p>0030 ----- 63 [DA] ----- 0715</p> <p>60</p>
32 DSN COVERAGE	<p>1535 ----- 43 [DA] ----- 2230</p> <p>1630 ----- 1720 35 [DAR1] ----- 40</p> <p>40</p>
S/C 32 INITIAL CONDITIONS RTLTL: 37h 48m 14s CCSL: B203 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.30/.95 GYROS: OFF	<p>1200 RTLT 37h 48m 12s</p> <p>0000 RTLT 37h 48m 10s</p>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
VGR COVERAGE	ON CALL VGR ON CALL
NOTES	[1] DDA PIT
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 9	
UTC: MAR 10 Page 11 of 19 MAR 11	

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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			
TUESDAY MARCH 12, 2024 072-073																												
S/C 31 INITIAL CONDITIONS RTLTL: 45h 6m 58s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.40/.50 GYROS: OFF	1200 RTLT 45h 6m 56s												0000 RTLT 45h 6m 54s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
31 DSN COVERAGE	14 [D] 0800-1305												14 [D] 0755-10															
	60												40															
													0025 63 [D] 0445															
32 DSN COVERAGE	1340 43 [D] 1710												2100 43 [DA] 0030 2145 35 [DAR] 0030															
S/C 32 INITIAL CONDITIONS RTLTL: 37h 48m 8s CCSL: B203 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.30/.95 GYROS: OFF	1200 RTLT 37h 48m 6s												0000 RTLT 37h 48m 4s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
VGR COVERAGE	ON CALL												VGR				ON CALL											
NOTES																												
	2244 GYROS BC ON												2317 2353 MAGROL															
	2244 BAY 1 HTR OFF												2356 RAI															
	2244 GYRO INIT												0002 GYROS OFF															
	2254 GYRO FAULT TEST												0010 BAY 1 HTR ON															
	2314 AAI												2246 EL-40 2248															
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																MAR 13											

ISSUE DATE: 03/06/24 08:50

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			
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WEDNESDAY MARCH 13, 2024 073-074																												
S/C 31 INITIAL CONDITIONS RTLT: 45h 6m 54s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.40/.50 GYROS: OFF	█ 1200 RTLT 45h 6m 52s														█ 0000 RTLT 45h 6m 50s													
FDS MODE															CR-5T													
XB DATA RATE(MI)															160(32)													
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLT: 37h 48m 4s CCSL: B203 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.30/.95 GYROS: OFF	█ 1200 RTLT 37h 48m 2s														█ 0000 RTLT 37h 48m 0s													
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													

ISSUE DATE: 03/06/24 08:50

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THURSDAY MARCH 14, 2024 074-075																												
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S/C 31 INITIAL CONDITIONS	█ 1200 RTLT 45h 6m 48s												█ 0000 RTLT 45h 6m 46s															
RTLT: 45h 6m 50s																												
CSSL: BASELINE																												
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.40/.50																												
GYROS: OFF																												
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
31 DSN COVERAGE	14 [D] 1145												14 [D] 0750															
															
															
															
															
32 DSN COVERAGE	0805 43 [D]												0535 43 [D]															
	40												40															
S/C 32 INITIAL CONDITIONS	█ 1200 RTLT 37h 47m 58s												█ 0000 RTLT 37h 47m 58s															
RTLT: 37h 48m 0s																												
CSSL: B203																												
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.30/.95																												
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 14														MAR 15													

ISSUE DATE: 03/06/24 08:50

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FRIDAY																												
MARCH 15, 2024																												
075-076																												
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S/C 31 INITIAL CONDITIONS		1200 RTLT 45h 6m 44s												0000 RTLT 45h 6m 42s														
RTLT: 45h 6m 46s																												
CCSL: BASELINE		▼ 1850 DUMMY (15:57)																										
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.40/.50																												
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 37h 47m 56s												0000 RTLT 37h 47m 54s														
RTLT: 37h 47m 58s																												
CCSL: B203		↓ 1446 BAY 1 HTR OFF ↓ 1446 GYROS BC ON 1446 - - - 1546 CONDITIONING ↓ 1546 GYROS OFF ↓ 1554 BAY 1 HTR ON																										
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.30/.95																												
GYROS: OFF																												
FDS MODE		CR-5T												CR-5T														
XB DATA RATE(MI)		160(32)												160(32)														
VGR COVERAGE		ON CALL						VGR			ON CALL			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		
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ISSUE DATE: 03/06/24 08:50

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S/C 31 INITIAL CONDITIONS	█ 1200 RTLT 45h 6m 40s												█ 0000 RTLT 45h 6m 38s															
RTLT: 45h 6m 42s																												
CSSL: BASELINE																												
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.40/.50																												
GYROS: OFF																												
FDS MODE															CR-5T													
XB DATA RATE(MI)															160(32)													
31 DSN COVERAGE	<p>1100 ----- 14 [D] ----- 1445</p> <p>..... ----- 10 ----- 40 ----- 10 ----- </p> <p>..... ----- 60 ----- 0010 ----- 63 [D] ----- 0410</p> <p>..... ----- 60 ----- </p>																											
32 DSN COVERAGE	<p>..... ----- 40 ----- </p>																											
S/C 32 INITIAL CONDITIONS	█ 1200 RTLT 37h 47m 52s												█ 0000 RTLT 37h 47m 50s															
RTLT: 37h 47m 54s																												
CSSL: B203																												
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.30/.95																												
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 16														MAR 17													

ISSUE DATE: 03/06/24 08:50

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SUNDAY MARCH 17, 2024 077-078																									
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 45h 6m 36s												0000 RTLT 45h 6m 32s												
RTLT: 45h 6m 38s																									
CCSL: BASELINE																									
FDSL: 11AF																									
TWNC: ON																									
SB: OFF																									
XB: LOW																									
PYR: .05/.40/.50																									
GYROS: OFF																									
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1505 ----- 14 [D] ----- 1905												14 [D] 0735 ----- 10												
	10 ----- 40												0005 ----- 63 [D] ----- 0405												
	60 -----												60 -----												
32 DSN COVERAGE	1320 ----- 43 [D] ----- 1725												2305 ----- 43 [DA] ----- 0300												
	2320 ----- 36 [DAR] ----- 0120												40 -----												
	40 -----												40 -----												
S/C 32 INITIAL CONDITIONS	1200 RTLT 37h 47m 48s												0000 RTLT 37h 47m 46s												
RTLT: 37h 47m 50s																									
CCSL: B203																									
FDSL: 11AF																									
TWNC: ON																									
SB: OFF																									
XB: LOW																									
PYR: .05/.30/.95																									
GYROS: OFF																									
													↓ 0035 PYR=.05/.05/.05												
													0039 ----- 0110 ASCAL												
													↓ 0111 PYR=.05/.30/.95												
													↓ 0112 AAC SIN FCP SWSAP TABLE NOP												
													↓ 0114 1 SID MRO												
													0013 EL-40 ↓ ↓ 0115 EL-40 0116												
FDS MODE	CR-5T												EL-40						CR-5T						
XB DATA RATE(MI)	160(32)												40(30)						160(32)						
VGR COVERAGE	ON CALL												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 17												Page 18 of 19						MAR 18						

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