

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: March 18, 2015

For the Period: 03/19/15 to 04/06/15 (15-078 – 15-097)

**DSN OPSCHIEF (1) 230-102**

**DSOT (1) 230-102**

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**FLIGHT TEAM (14) 600-100**

Dodd, S.  
 Hall, J.  
 Howard, S. (3)  
 Ludwig, R. (2)  
 Matsumoto, S.  
 Medina  
 Peralta, F.  
 Weeks, T.  
 Wong, R.  
 Yang, L.  
 Zottarelli, L.  
 \*odivers@san.rr.com

**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

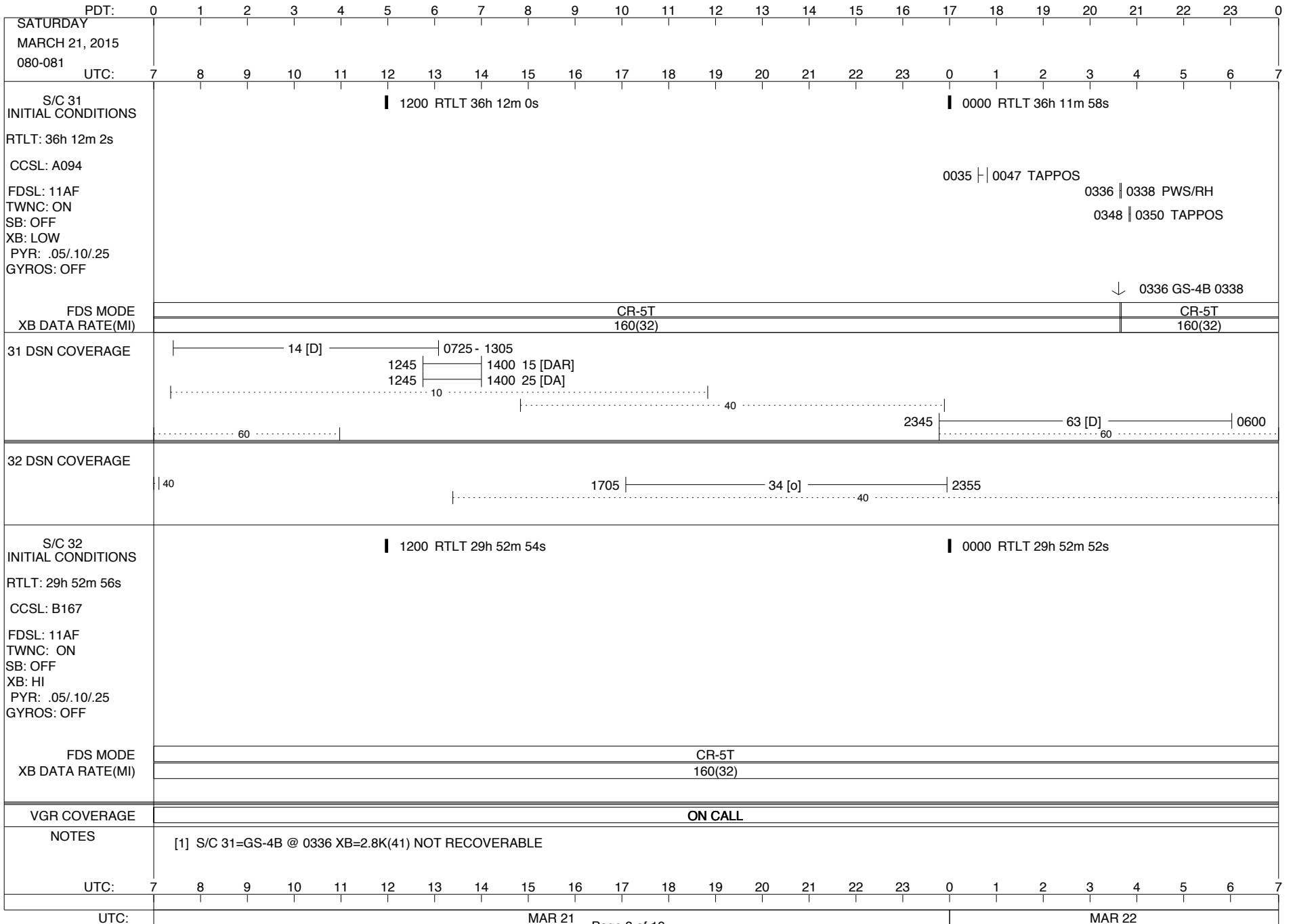
\*Electronic Copy Only  
 (16 – Dist/N: Paper Copies)  
 09/08/10

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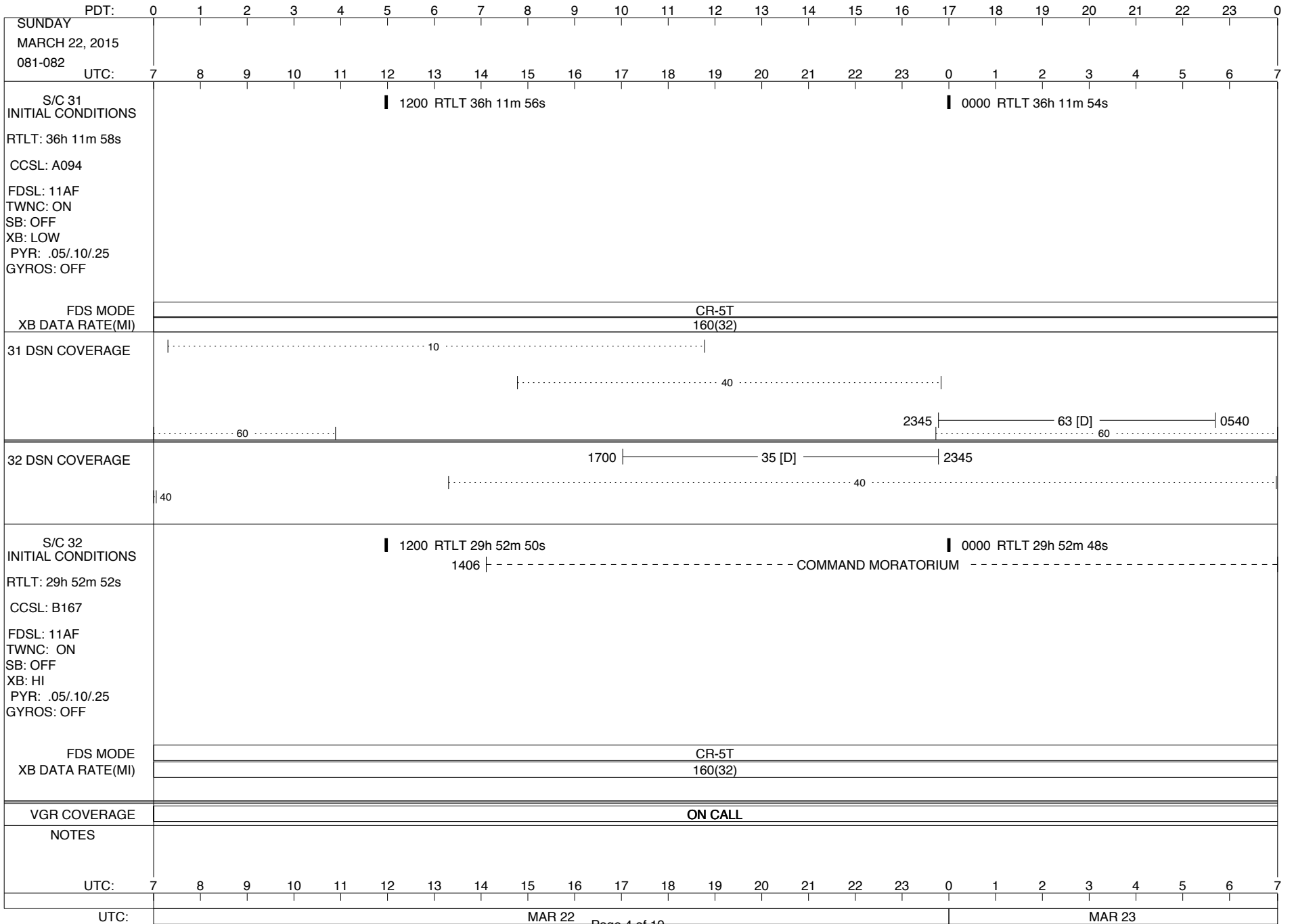
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S/C 31 INITIAL CONDITIONS RTLTL: 36h 12m 10s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 36h 12m 8s												0000 RTLTL 36h 12m 6s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0835  ----- 14 [D] -----  1335  .....10.....   .....40.....  .....60.....												2355  ----- 63 [D] -----  0550  .....60.....												
32 DSN COVERAGE	1800  ----- 35 [D] -----  0310  .....40.....																								
S/C 32 INITIAL CONDITIONS RTLTL: 29h 53m 6s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	1200 RTLTL 29h 53m 4s												0000 RTLTL 29h 53m 2s												
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 @ 0037 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:	MAR 19												MAR 20												

ISSUE DATE: 03/19/15 06:32

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S/C 31 INITIAL CONDITIONS RTLT: 36h 12m 6s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 12m 4s												0000 RTLT 36h 12m 2s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	----- 14 [D] -----  0730 - 1040												----- 63 [D] -----  0225												
32 DSN COVERAGE	----- 35 [D] -----  1710 - 2020																								
S/C 32 INITIAL CONDITIONS RTLT: 29h 53m 2s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 53m 0s												0000 RTLT 29h 52m 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 20												MAR 21												

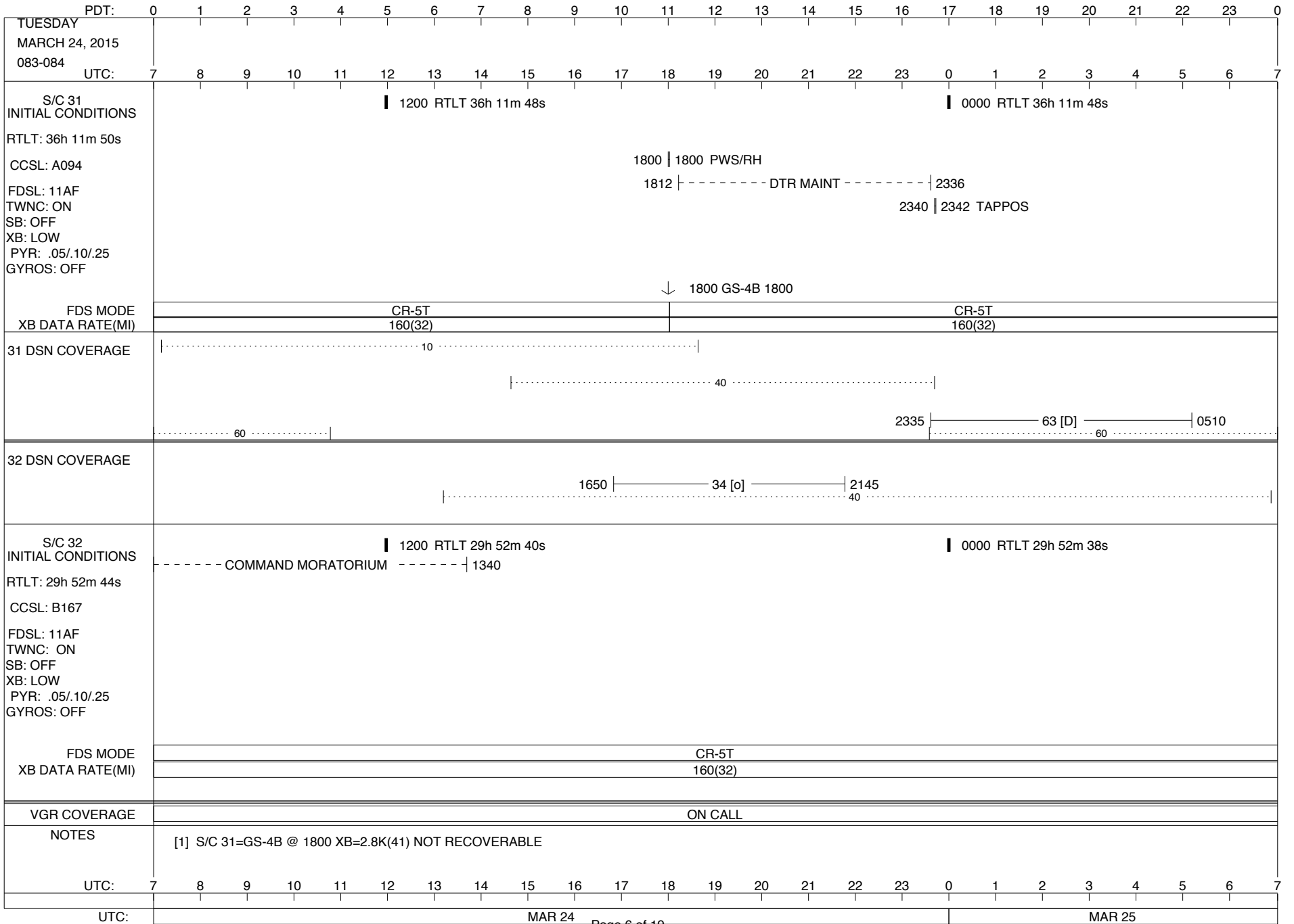


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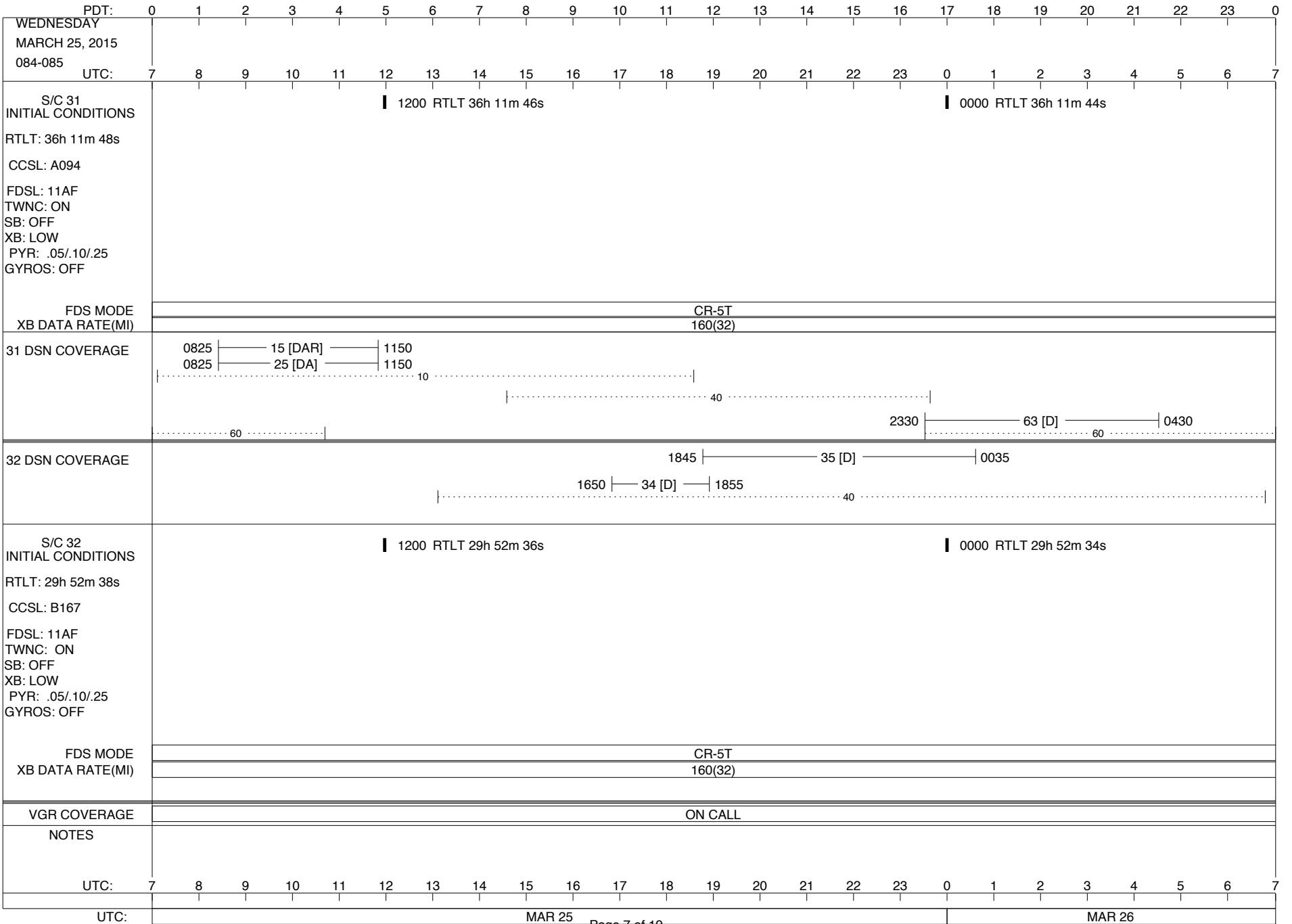


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S/C 31 INITIAL CONDITIONS RTLT: 36h 11m 54s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 11m 52s												0000 RTLT 36h 11m 50s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	14 [D] 0715 - 1340												2340 63 [D] 0215 0205 55 [DAR] 0555 0205 65 [DA] 0555													
32 DSN COVERAGE	1655 35 [D] 2055												40													
S/C 32 INITIAL CONDITIONS RTLT: 29h 52m 48s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 52m 46s												0000 RTLT 29h 52m 44s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
VGR COVERAGE	ON CALL												VGR						ON CALL							
NOTES	----- COMMAND MORATORIUM ----- ↓ 1753 MEMUPD RE-ENA BL MAGROLS - ECR 110285 ↓ 1756 SID MRO ↓ 1856 SID MRO - REDUNDANT ↓ 1928 X/B LOW POWER ↓ 1932 BAY 1 HTR ON																									
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												Page 5 of 19						MAR 24							



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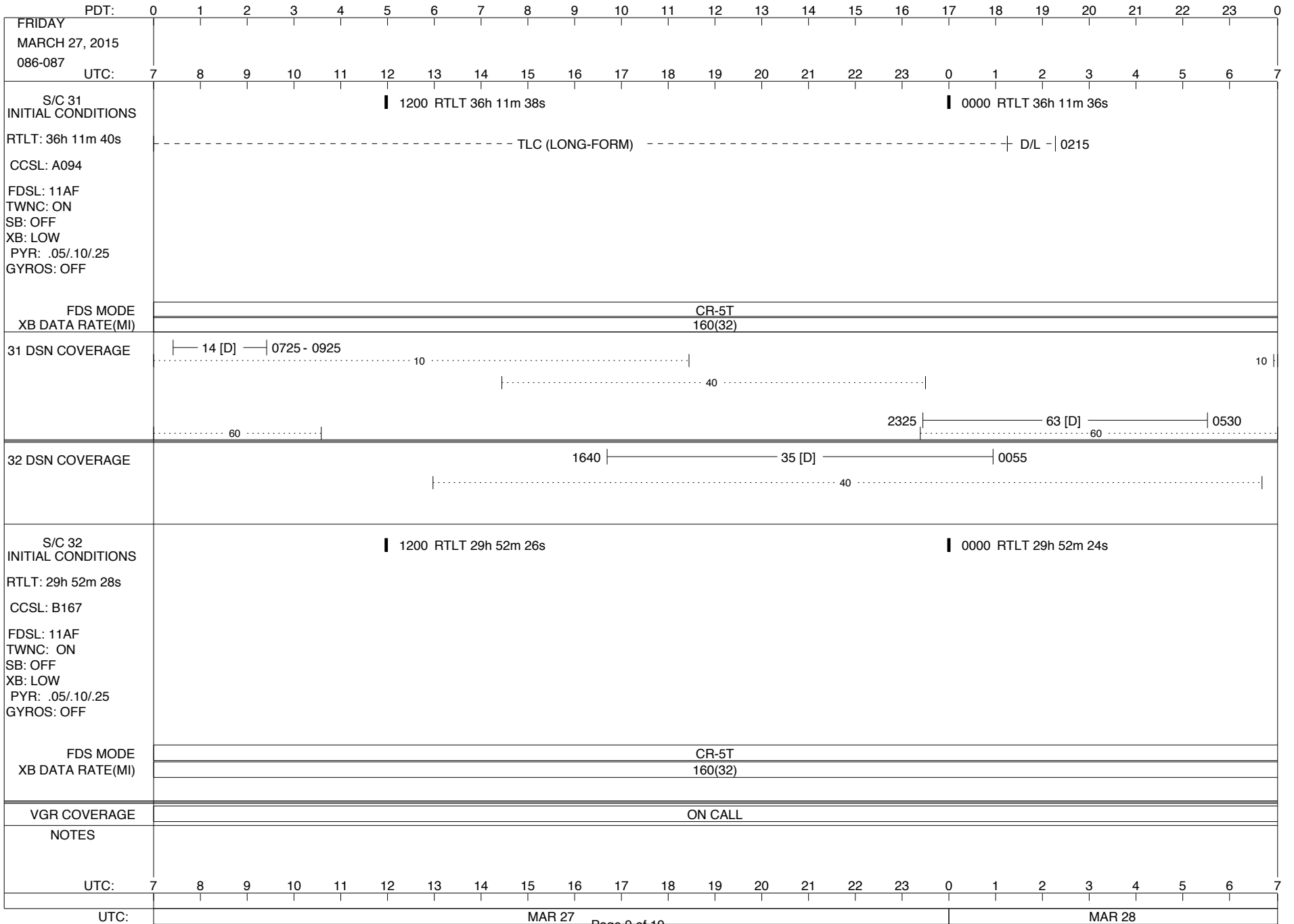




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THURSDAY MARCH 26, 2015 085-086																									
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S/C 31 INITIAL CONDITIONS RTLTL: 36h 11m 44s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 11m 42s												0000 RTLT 36h 11m 40s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0830   15 [DAR]   1125 0830   25 [DA]   1125 1120   14 [T]   1545 10   40   2325   63 [D]   0535 60												10												
32 DSN COVERAGE	1645   35 [D]   2240												40												
S/C 32 INITIAL CONDITIONS RTLTL: 29h 52m 34s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 52m 32s												0000 RTLT 29h 52m 28s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0012 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:	MAR 26												MAR 27												

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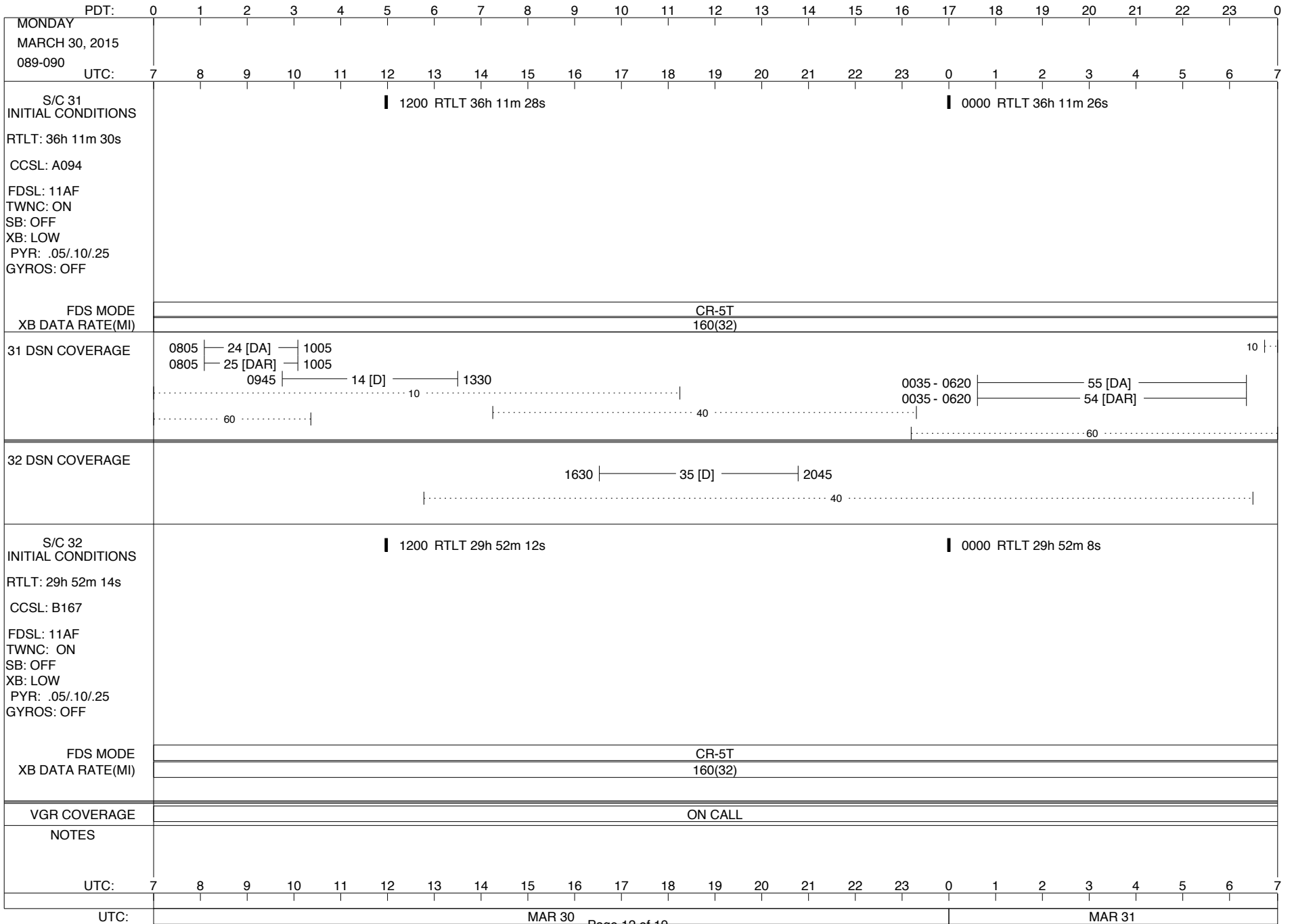


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SATURDAY MARCH 28, 2015 087-088																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 36h 11m 36s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 11m 34s												0000 RTLT 36h 11m 32s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0820  -----  14 [D]  -----  1330												14 [D] 0650  -----  10												
	-----  60  -----												-----  40  -----												
	-----  60  -----												0125  -----  54 [DA]  -----  0535 0125  -----  55 [DAR]  -----  0535												
32 DSN COVERAGE	-----  1635  -----  34 [D]  -----  0115												-----  40  -----												
S/C 32 INITIAL CONDITIONS RTLT: 29h 52m 24s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 52m 22s												0000 RTLT 29h 52m 18s												
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 @ 0312 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
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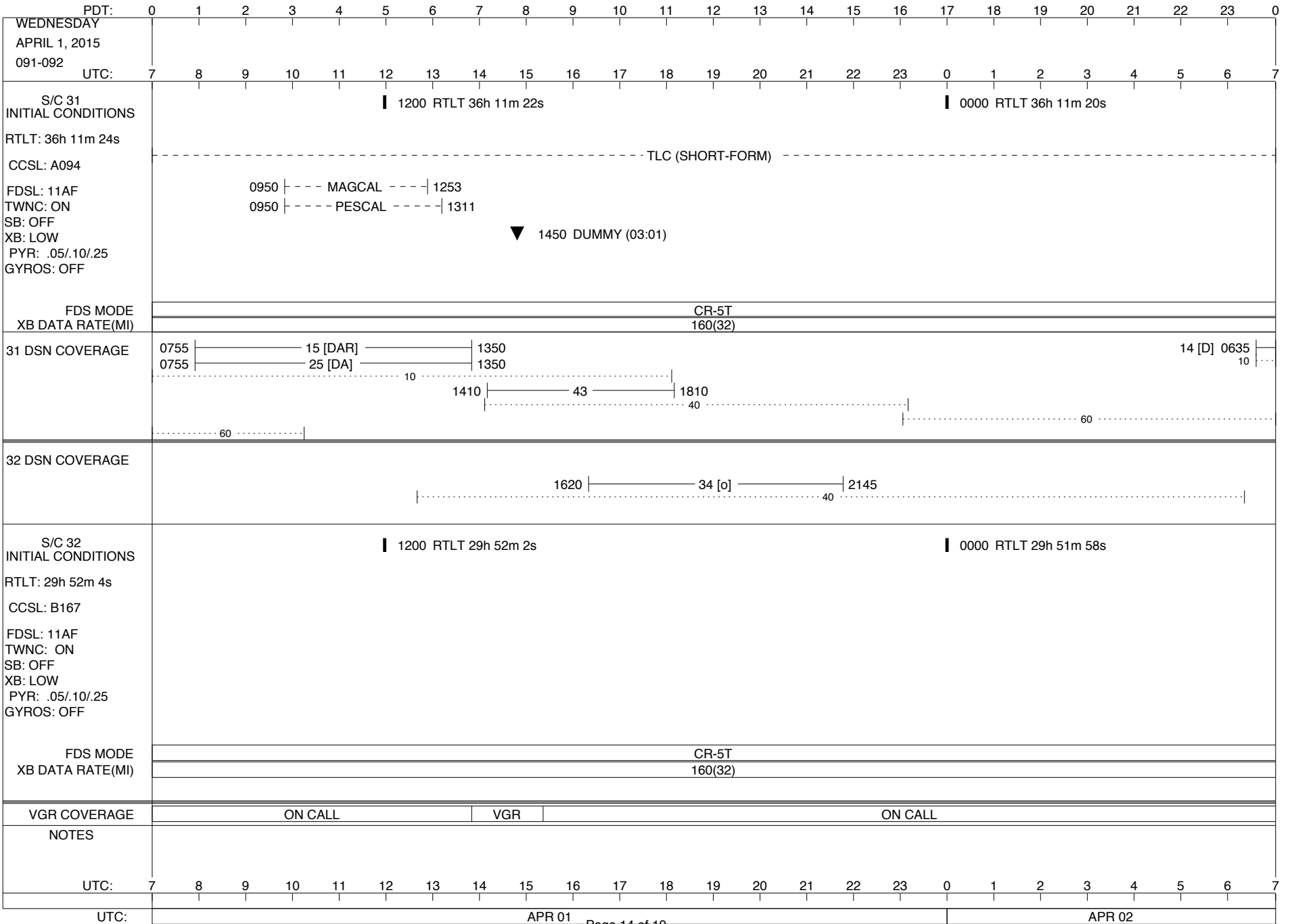
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S/C 31 INITIAL CONDITIONS RTLTL: 36h 11m 32s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 36h 11m 32s												0000 RTLTL 36h 11m 30s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	14 [D]   1245 .....  .....  40 .....  2315   63 [D]   0525 10   .....  60 .....																									
32 DSN COVERAGE	1650   35 [D]   2225 .....  .....  40 .....																									
S/C 32 INITIAL CONDITIONS RTLTL: 29h 52m 18s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 29h 52m 16s												0000 RTLTL 29h 52m 14s													
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 29												MAR 30													



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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	
TUESDAY MARCH 31, 2015 090-091																										
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S/C 31 INITIAL CONDITIONS RTLT: 36h 11m 26s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 36h 11m 24s												█ 0000 RTLT 36h 11m 24s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	.....  10 .....										.....  40 .....										10					
	.....  60 .....						0000 - 0645						63 [T] .....						60 .....							
32 DSN COVERAGE	.....  1630												35 [D]												2145 .....	
	.....  40 .....																									
S/C 32 INITIAL CONDITIONS RTLT: 29h 52m 8s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 29h 52m 6s												█ 0000 RTLT 29h 52m 4s													
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 @ 1735 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	
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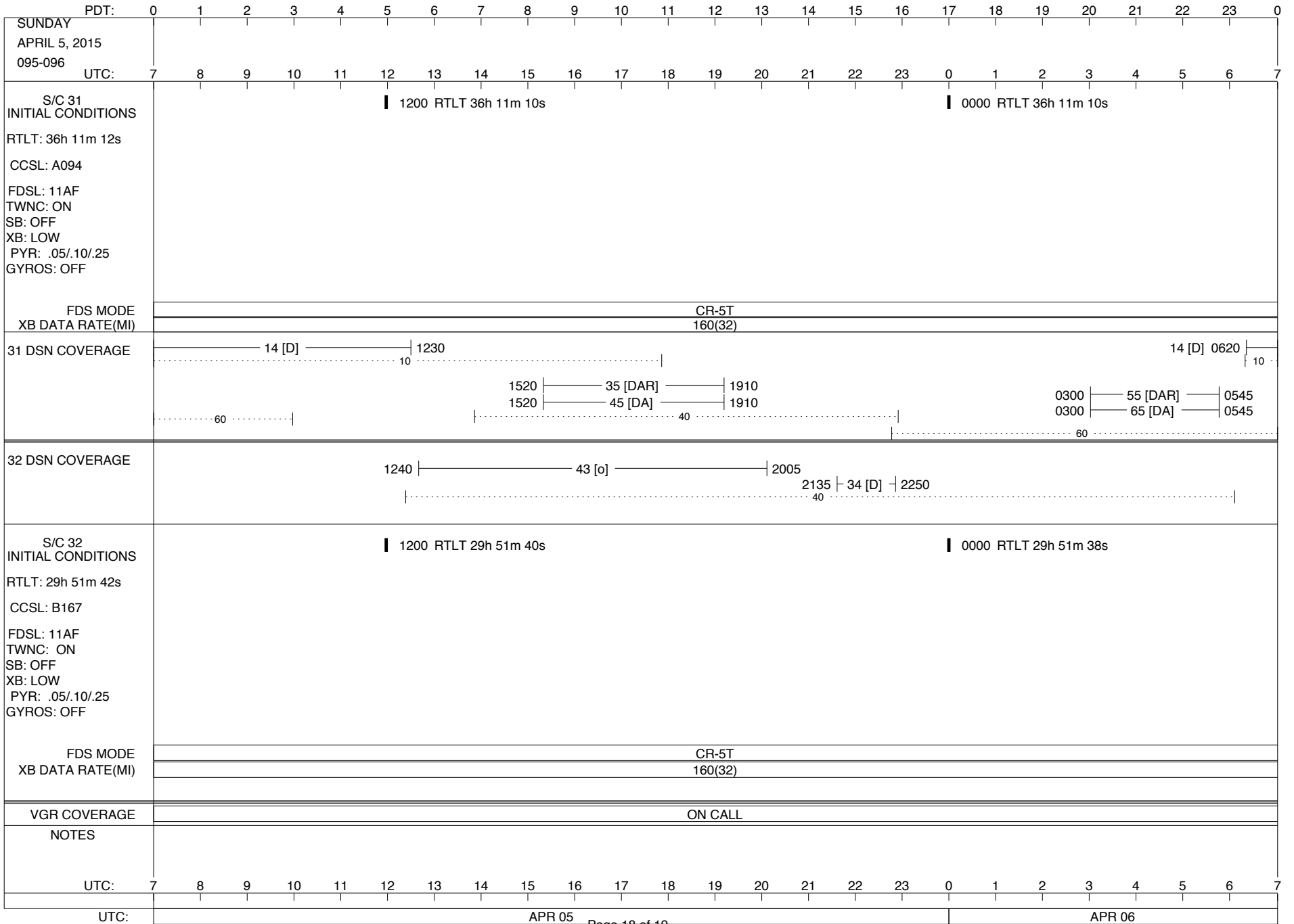


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S/C 31 INITIAL CONDITIONS RTLT: 36h 11m 18s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						█ 1200 RTLT 36h 11m 16s															█ 0000 RTLT 36h 11m 14s				
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 29h 51m 54s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						█ 1200 RTLT 29h 51m 50s																█ 0000 RTLT 29h 51m 48s			
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	
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S/C 31 INITIAL CONDITIONS RTLTL: 36h 11m 14s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 36h 11m 14s												0000 RTLTL 36h 11m 12s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	0835  -----  14 [D]  -----  1235										14 [D] 0625  -----  10															
	-----  60  -----										-----  40  -----  60															
32 DSN COVERAGE	1225  -----  43 [o]  -----  2000										40  -----															
S/C 32 INITIAL CONDITIONS RTLTL: 29h 51m 48s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 29h 51m 46s												0000 RTLTL 29h 51m 42s													
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 @ 0248 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	
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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: 36h 11m 10s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 11m 8s												0000 RTLT 36h 11m 6s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	14 [D]   1225 .....												.....  40 .....												
32 DSN COVERAGE	.....  60																								
S/C 32 INITIAL CONDITIONS RTLT: 29h 51m 38s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 51m 34s																								
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE													ON CALL												
NOTES																									
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UTC:	APR 06												APR 07												