

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: April 29, 2008

For the Period: 05/01/08 to 05/19/08 (08-122 – 08-140)

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

**SCIENCE**

**FLIGHT TEAM (15) 600-100**

**DSOT (1) 230-102**

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 Ludwig, R. (2)  
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 Matsumoto, S.  
 Medina, E.  
 Peralta, F.  
 Poynter, R.  
 Weeks, T.  
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**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 = 7-Point 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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 02/21/08

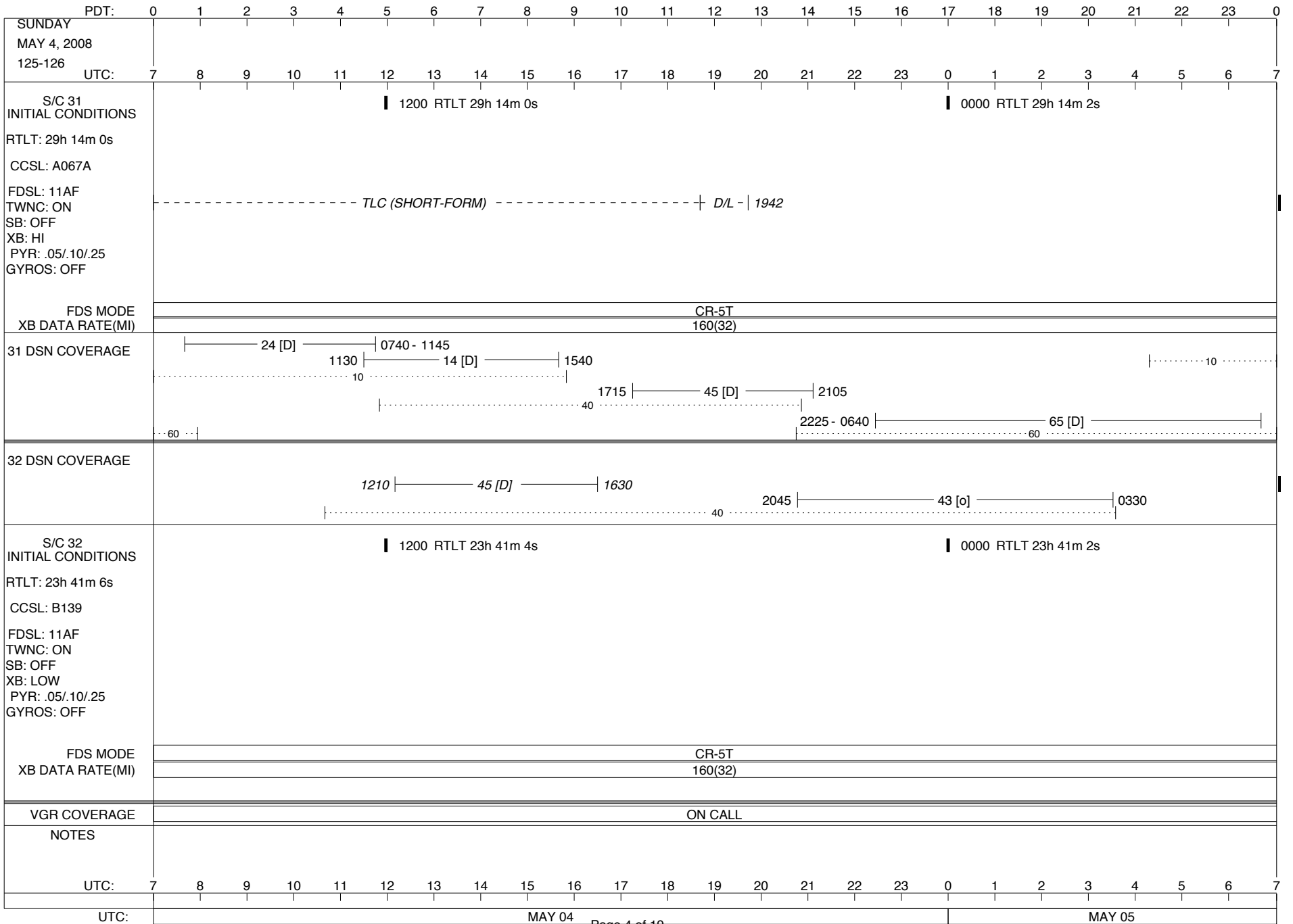


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FRIDAY MAY 2, 2008 123-124																												
S/C 31 INITIAL CONDITIONS RTLT: 29h 13m 54s CCSL: A067A FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	<p>1200 RTLT 29h 13m 56s   0000 RTLT 29h 13m 56s</p> <p>0736 AAI   MAGROL   0739 - 1334   1929   1942 TAPPOS</p> <p>RAI 1327↓   GYROS OFF 1334 ↓   CRU 1334↓   2231   2232 PWS/RH   0038   0039 TAPPOS</p> <p>A067B CCS CHKSUM 1703   1707</p> <p>TLC (SHORT-FORM)   D/L -   1812</p> <p>EL-40 1631↓   2231 GS-4B 2232</p>																											
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)							EL-40 40(30)							CR-5T 160(32)													
31 DSN COVERAGE	<p>25 [D]   0710 - 0900   1130   10</p> <p>0900   24 [D]   1210   45 [D]   1445   63 [D] 0625</p> <p>1405   43 [D]   1745</p> <p>2230 - 0645   65 [D]</p> <p>60</p>																											
32 DSN COVERAGE	<p>1300   34 [D]   1725</p> <p>40</p>																											
S/C 32 INITIAL CONDITIONS RTLT: 23h 41m 16s CCSL: B139 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p>1200 RTLT 23h 41m 14s   0000 RTLT 23h 41m 10s</p>																											
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																											
VGR COVERAGE	VGR							ON CALL							VGR							ON CALL						
NOTES	<p>[1] S/C 31=D/L AGC VARIATIONS EXPECTED DURING MAGROL (0739-1334) [3] S/C 31=EL-40 @ 1631 XB=40(30)</p> <p>[2] S/C 31=GS-4B @ 2231 XB=2.8K(41) NOT RECOVERABLE</p>																											
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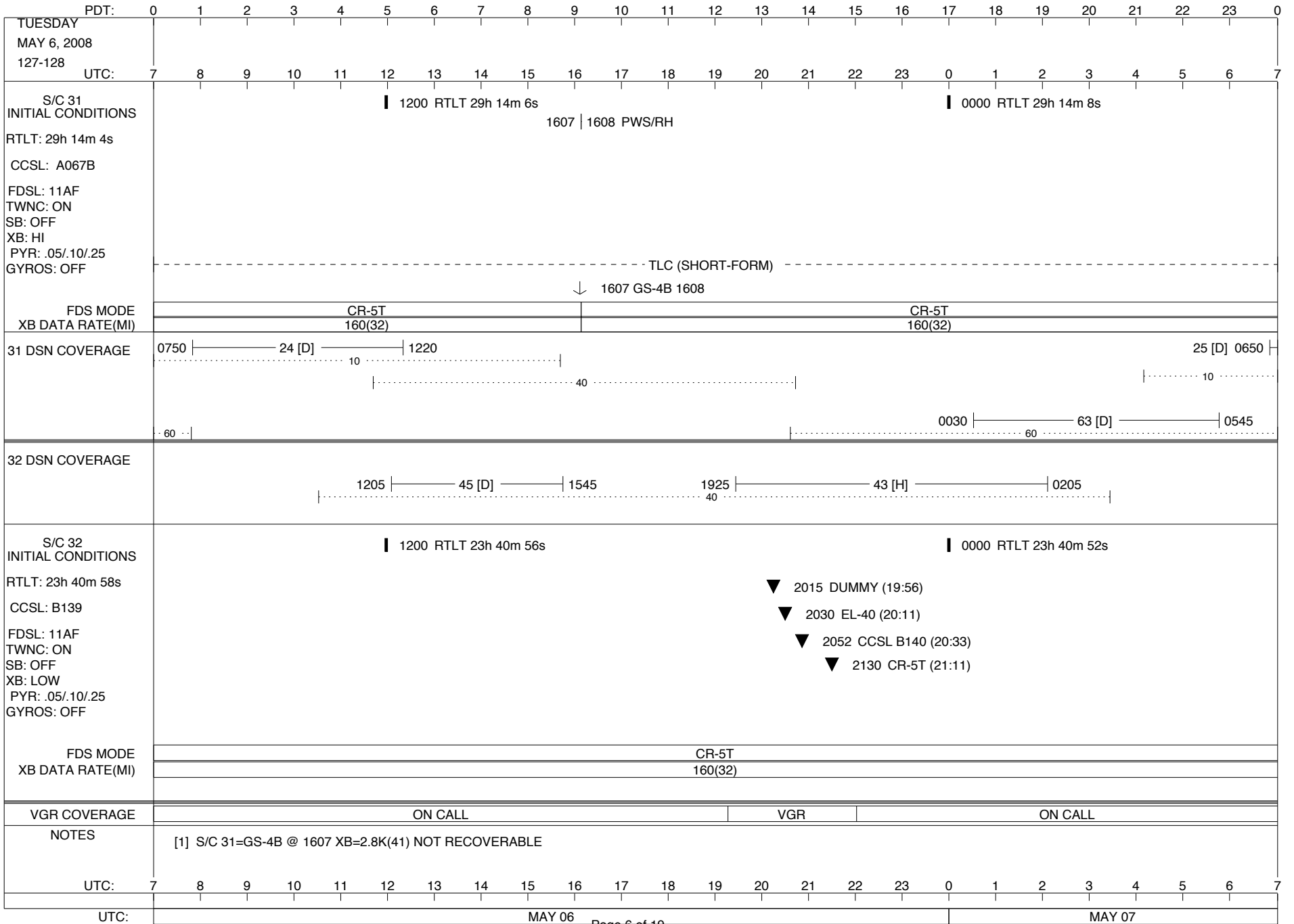
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S/C 31 INITIAL CONDITIONS RTLT: 29h 14m 2s CCSL: A067A FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 14m 4s												0000 RTLT 29h 14m 4s												
													↓ 2346 BEGIN SEQUENCE A067B												
													DUMMY (08:29) 0315▼												
													EL-40 (09:06) 0352▼												
													TLMPRG (09:21) 0407▼												
													CR-5T (09:41) 0427▼												
													U/L 0535   -												
													TLC (SHORT-FORM)   - - -												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	0810  ----- 24 [D] -----  1225												----- 10 -----												
	----- 40 -----												----- 10 -----												
	----- 60 -----												0005- 0615  ----- 63 [T] -----												
	----- 60 -----												----- 60 -----												
32 DSN COVERAGE	----- 1200 ----- 45 [D] -----  1720												40  ----- 2120 ----- 45 [D] -----  0235												
S/C 32 INITIAL CONDITIONS RTLT: 23h 41m 2s CCSL: B139 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 23h 41m 0s												0000 RTLT 23h 40m 58s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL												VGR						ON CALL						
NOTES																									
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ISSUE DATE: 05/07/08 13:01



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WEDNESDAY MAY 7, 2008 128-129																																					
S/C 31 INITIAL CONDITIONS		1200 RTLT 29h 14m 10s													0000 RTLT 29h 14m 12s																						
RTLT: 29h 14m 8s		0759   0806 ECR 105712 S/W MODS 5-9																																			
CCSL: A067B		* ↓ 0907 EL-40																																			
FDSL: 11AF		* ↓ 0922 TLMPRG																																			
TWNC: ON		* ↓ 0941 CR-5T																																			
SB: OFF		---																																			
XB: HI		--- TLC (SHORT-FORM) ---   D/L -   1217																																			
PYR: .05/.10/.25																																					
GYROS: OFF																																					
FDS MODE		CR-5T													CR-5T																						
XB DATA RATE(MI)		160(32)													160(32)																						
31 DSN COVERAGE		25 [D]   0930 0910   26 [D]   1215 ..... 10 ..... ..... 40 ..... .60 .   ..... 0025   65 [D]   0435 ..... 60 .....																																			
32 DSN COVERAGE		1250   34 [D]   1425 1405   ..... 43 [D] .....   2025 ..... 40 ..... 2005   34 [D] .....   0100																																			
S/C 32 INITIAL CONDITIONS		1200 RTLT 23h 40m 50s													0000 RTLT 23h 40m 48s																						
RTLT: 23h 40m 52s																																					
CCSL: B139																																					
FDSL: 11AF		* 2039   2043 CCSL B140 CHKSUM																																			
TWNC: ON																																					
SB: OFF																																					
XB: LOW																																					
PYR: .05/.10/.25																																					
GYROS: OFF																																					
FDS MODE		CR-5T													EL-40			CR-5T																			
XB DATA RATE(MI)		160(32)													40(30)			160(32)																			
VGR COVERAGE		VGR													ON CALL										VGR			ON CALL									
NOTES		[1] S/C 31=EL-40 @ 0907 XB=40(30)													[3] S/C 32=EL-40 @ 2012 XB=40(30)													[4] S/C 32=CR-5T @ 2112 XB=160(32)									
		[2] S/C 31=CR-5T @ 0941 XB=160(32)																																			
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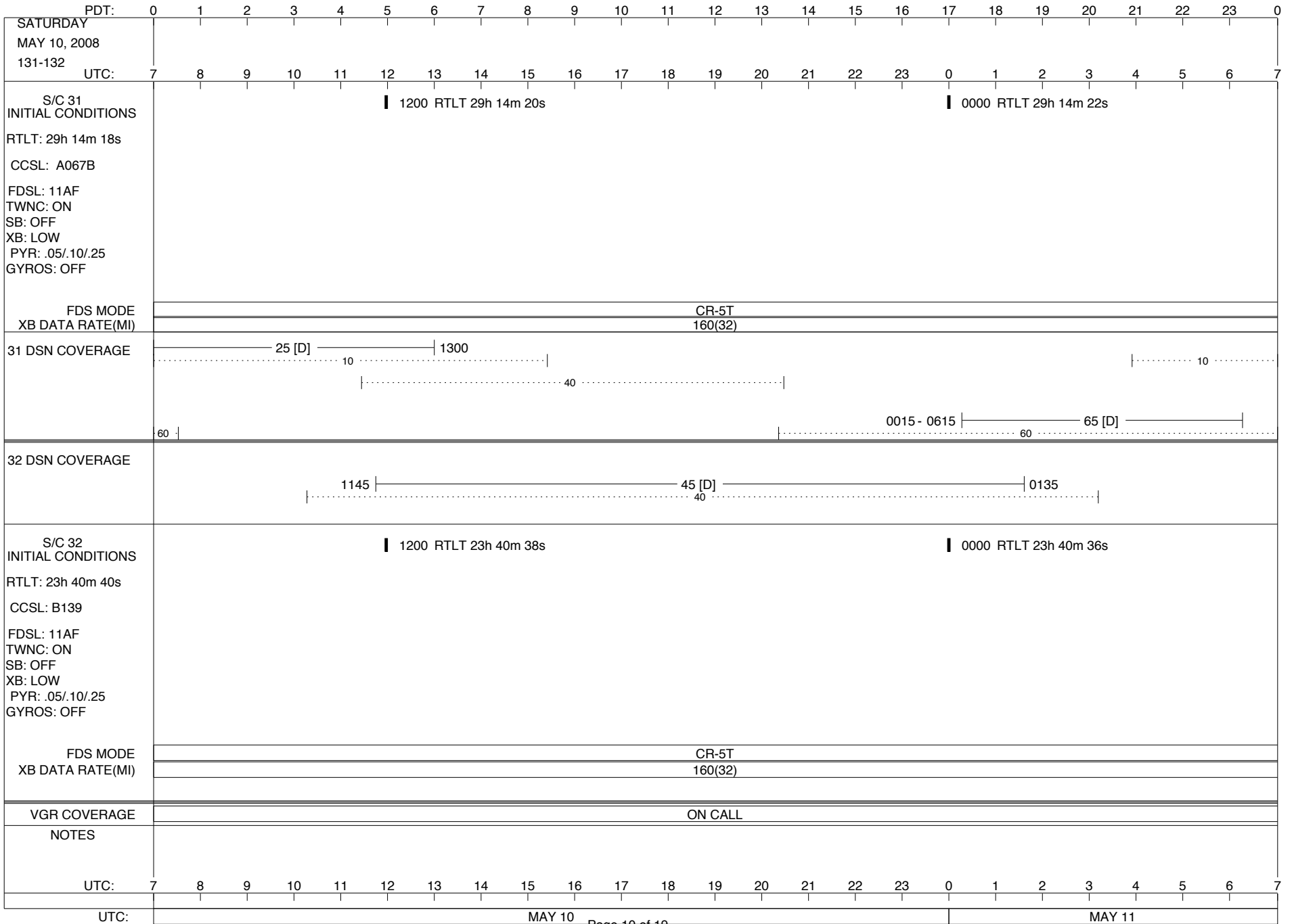


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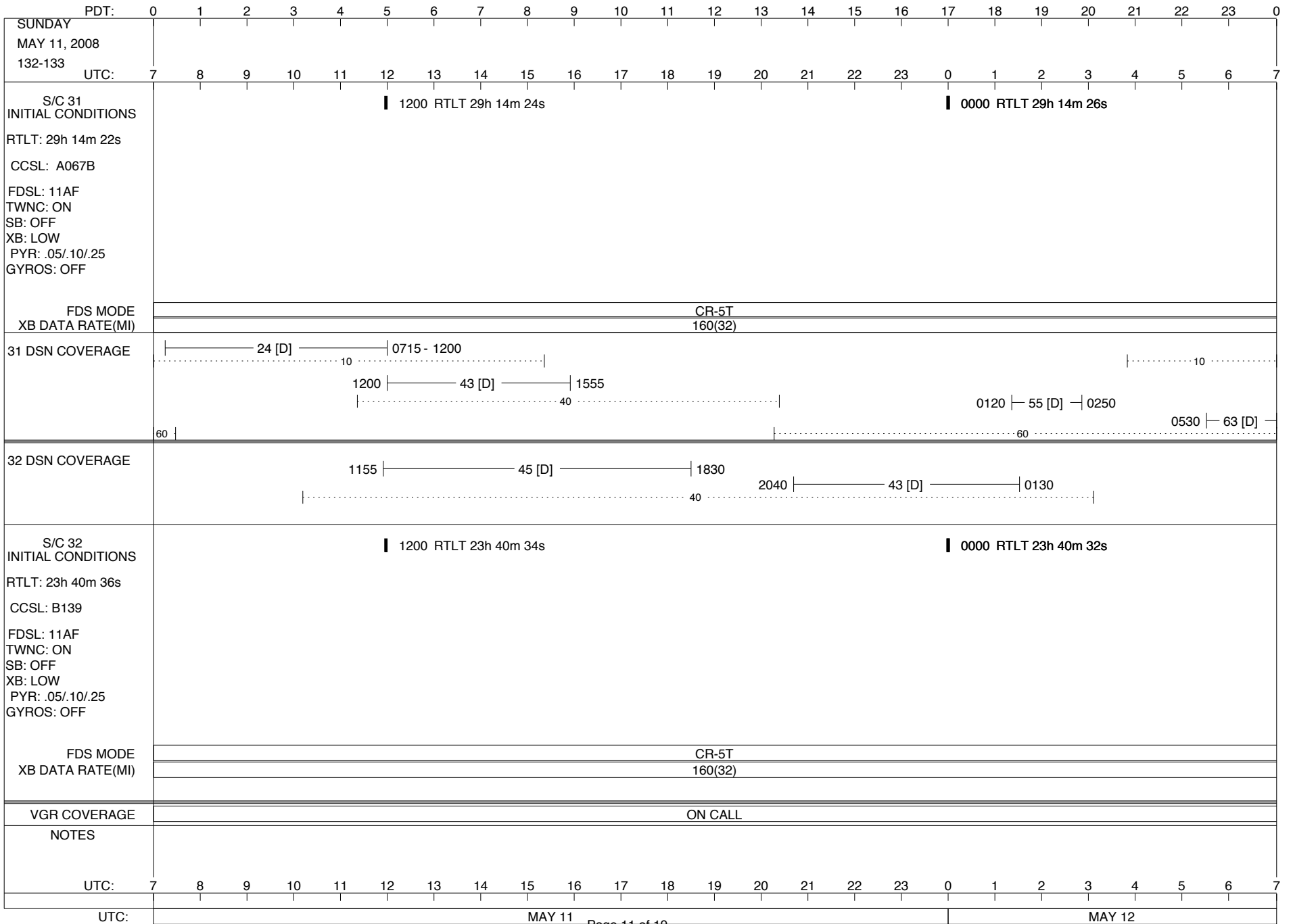
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S/C 31 INITIAL CONDITIONS RTLT: 29h 14m 12s CCSL: A067B FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF		1200 RTLT 29h 14m 12s												0000 RTLT 29h 14m 14s															
		↓ 1252 LINK TCM THR PATCH - ECR'S 37810 & 37858 1332     1352 AACS MRO 1352     1403 CCS MRO 1403     1416 FDS MRO ↓ 1432 X/B LOW POWER ↓ 1436 BAY 1 HTR ON ↓ 1317 EH-12 1416																											
FDS MODE		CR-5T						EH-12						CR-5T															
XB DATA RATE(MI)		160(32)												160(32)															
31 DSN COVERAGE		0800  -----14 [D]-----  1445 ..... -----10-----  ..... -----40-----  60 :  -----60-----  0020  -----65 [D]-----  0605 ..... -----10-----																											
32 DSN COVERAGE		..... -----40-----  2145  -----45 [D]-----  0250 ..... -----10-----																											
S/C 32 INITIAL CONDITIONS RTLT: 23h 40m 48s CCSL: B139 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF		1200 RTLT 23h 40m 46s												0000 RTLT 23h 40m 44s															
FDS MODE		CR-5T																											
XB DATA RATE(MI)		160(32)																											
VGR COVERAGE		ON CALL						VGR						ON CALL															
NOTES		[1] S/C 31=EL-40 @ 1317 XB=40(30) [2] S/C 31=CR-5T @ 1416 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:		MAY 08														MAY 09													

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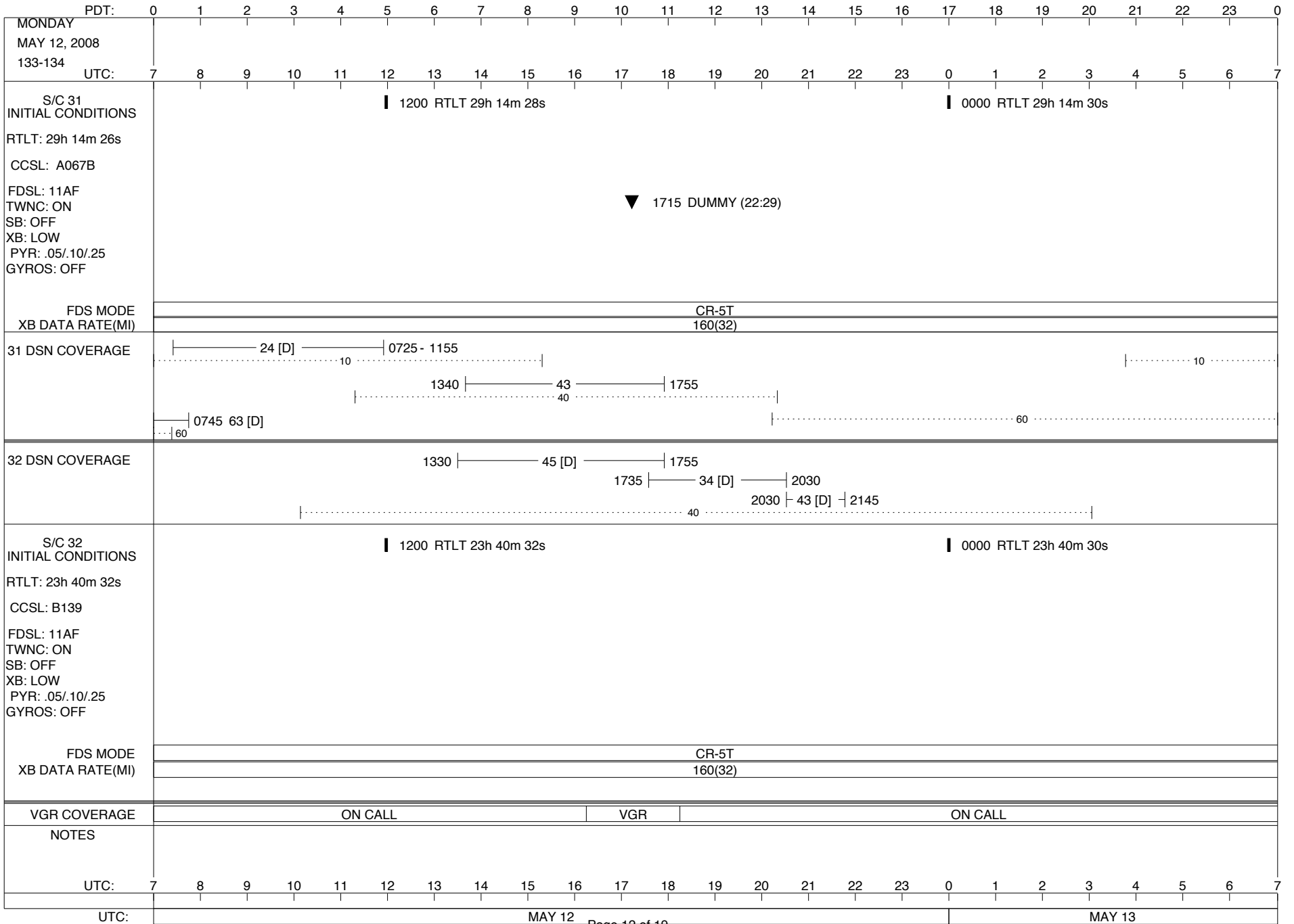
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UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 29h 14m 14s CCSL: A067B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 29h 14m 16s												0000 RTLTL 29h 14m 18s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	25 [D] 1305												25 [D] 0620												
	10												10												
	40												40												
	60												60												
32 DSN COVERAGE	1205 45 [D] 1700												1945 43 [o2] 0130												
	1640 34 [D] 1950												40												
S/C 32 INITIAL CONDITIONS RTLTL: 23h 40m 44s CCSL: B139 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 23h 40m 42s												0000 RTLTL 23h 40m 40s												
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 @ 2207 XB=2.8K(41) NOT RECOVERABLE [2] B140 BACKUP U/L TRACK																								
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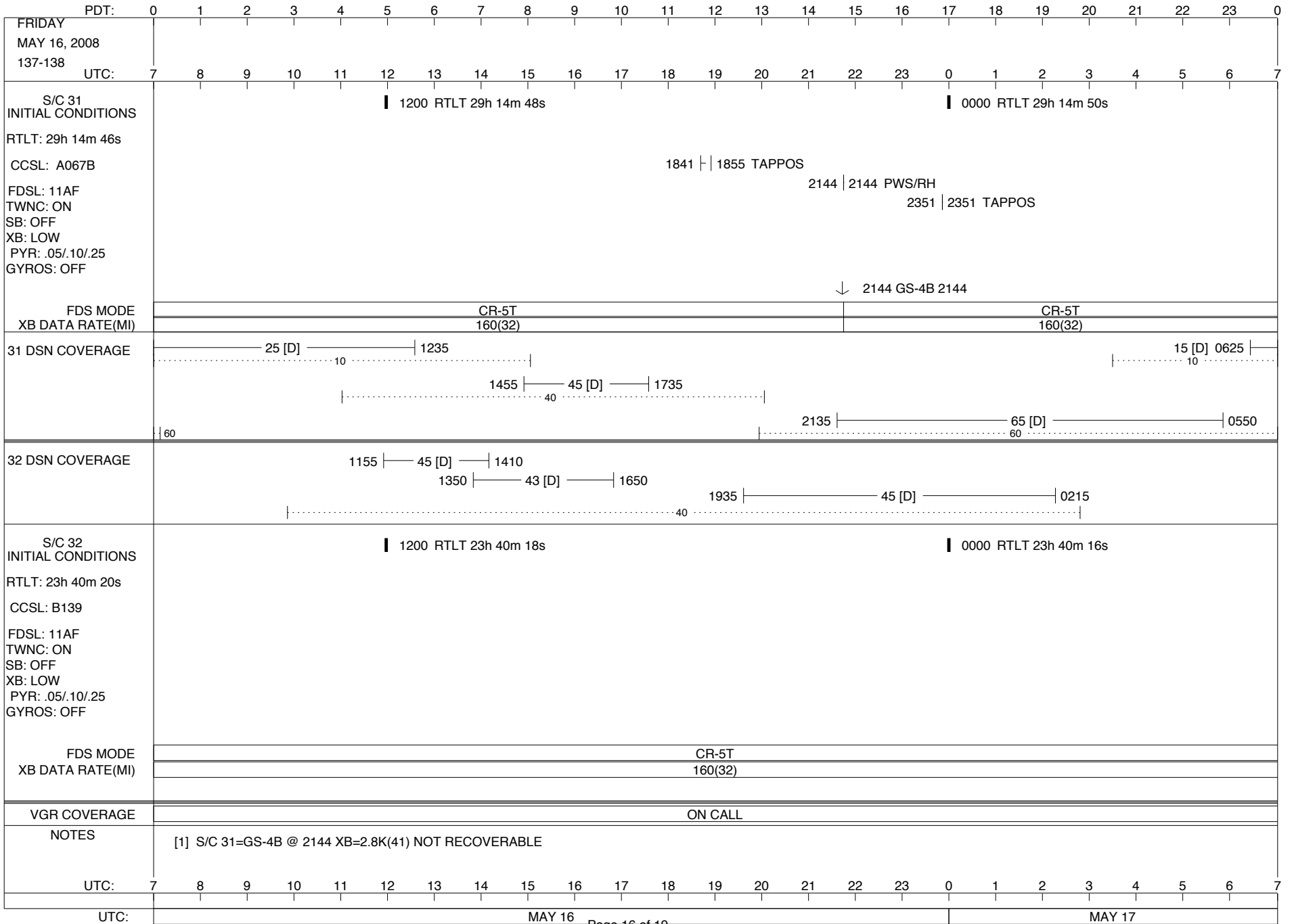
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S/C 31 INITIAL CONDITIONS RTLTL: 29h 14m 36s CCSL: A067B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 29h 14m 38s												0000 RTLT 29h 14m 40s													
----- TLC (SHORT-FORM) -----   D/L -   1557																										
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	0745  ----- 25 [D] -----  1230																					26 [D] 0700				
	----- 10 -----																					----- 10 -----				
	1155  ----- 43 [D] -----  1600																									
	----- 40 -----																									
	63 [D]   0805													2145  ----- 65 [D] -----  0600												
	----- 60 -----																					----- 60 -----				
32 DSN COVERAGE													1150  ----- 45 [D] -----  2145													
													----- 40 -----													
S/C 32 INITIAL CONDITIONS RTLTL: 23h 40m 26s CCSL: B139 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 23h 40m 24s												0000 RTLT 23h 40m 22s													
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	
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ISSUE DATE: 05/07/08 13:01

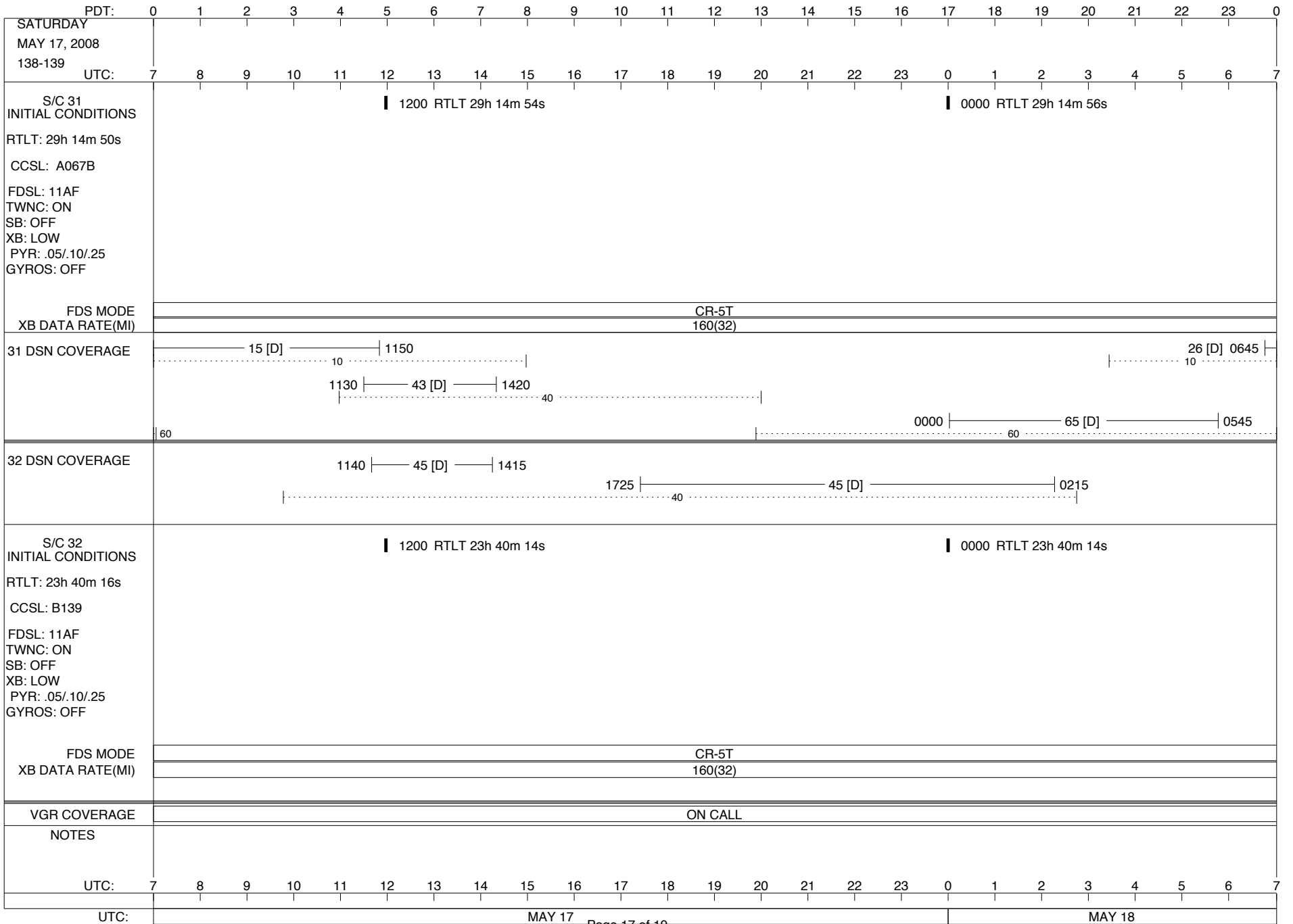
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S/C 31 INITIAL CONDITIONS RTLTL: 29h 14m 40s CCSL: A067B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 29h 14m 42s												0000 RTLTL 29h 14m 46s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	26 [D]   0700 - 0945 0925   15 [D]   1355 10   1335   45 [D]   1820 40   2310   63 [D]   0545 60												25 [D] 0625   10												
32 DSN COVERAGE	1210   43 [B]   2110 40   2050   45 [D]   0140																								
S/C 32 INITIAL CONDITIONS RTLTL: 23h 40m 22s CCSL: B139 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 23h 40m 22s												0000 RTLTL 23h 40m 20s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	▼ 1412 DUMMY (13:53)																								
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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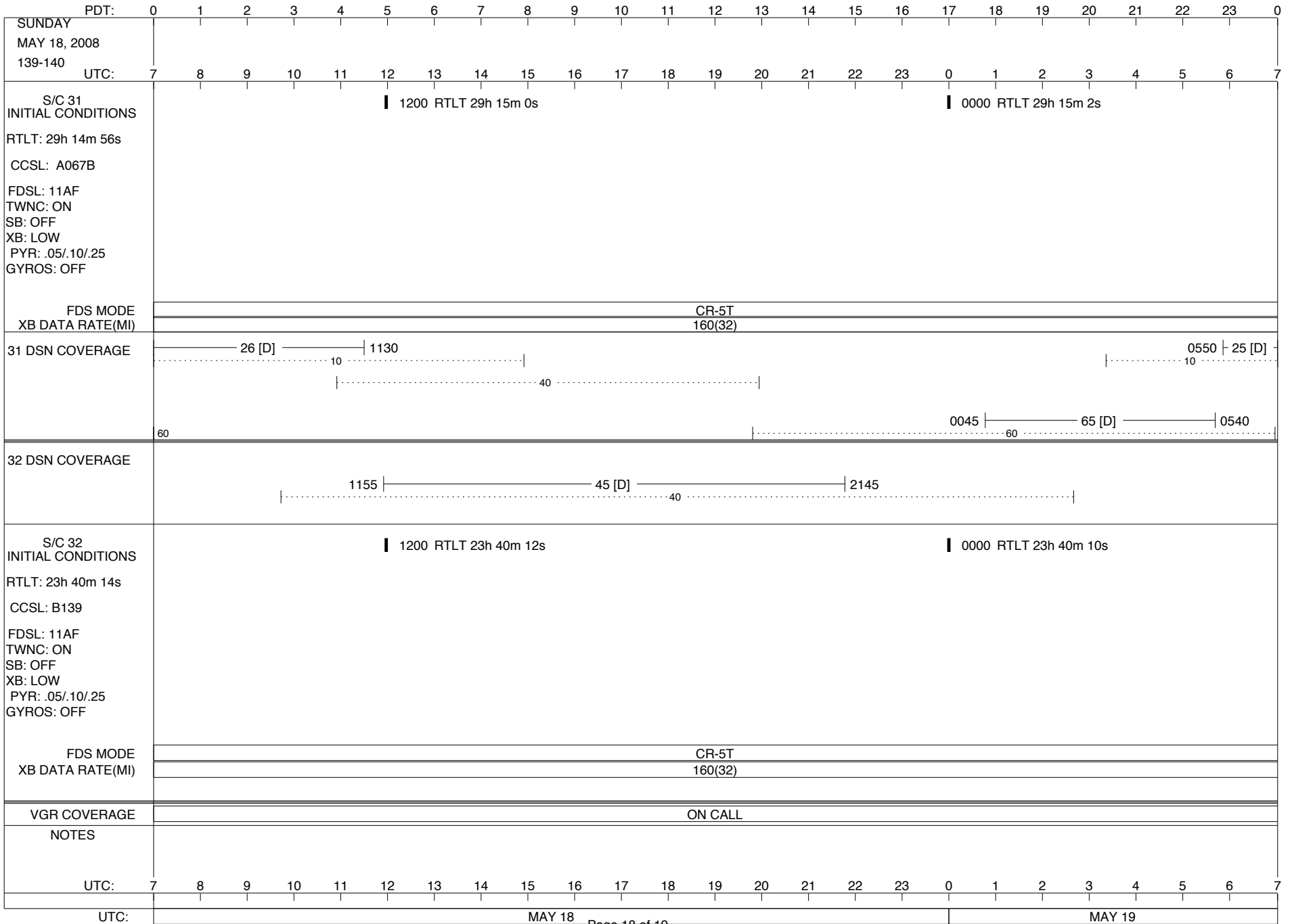
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	
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S/C 31 INITIAL CONDITIONS RTLTL: 29h 15m 2s CCSL: A067B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 29h 15m 4s												0000 RTLTL 29h 15m 8s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	25 [D] ————   1145 .....  10 .....												1145 ———— 43 [D] ————   1430 .....  40 .....													
32 DSN COVERAGE	1150  ————— 45 [D] —————  1945																									
S/C 32 INITIAL CONDITIONS RTLTL: 23h 40m 10s CCSL: B139 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 23h 40m 10s																									
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:	MAY 19													MAY 20												