

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: May 19, 2010

For the Period: 05/20/2010 to 06/07/2010 (10-140 – 10-158)

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

**SCIENCE**

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

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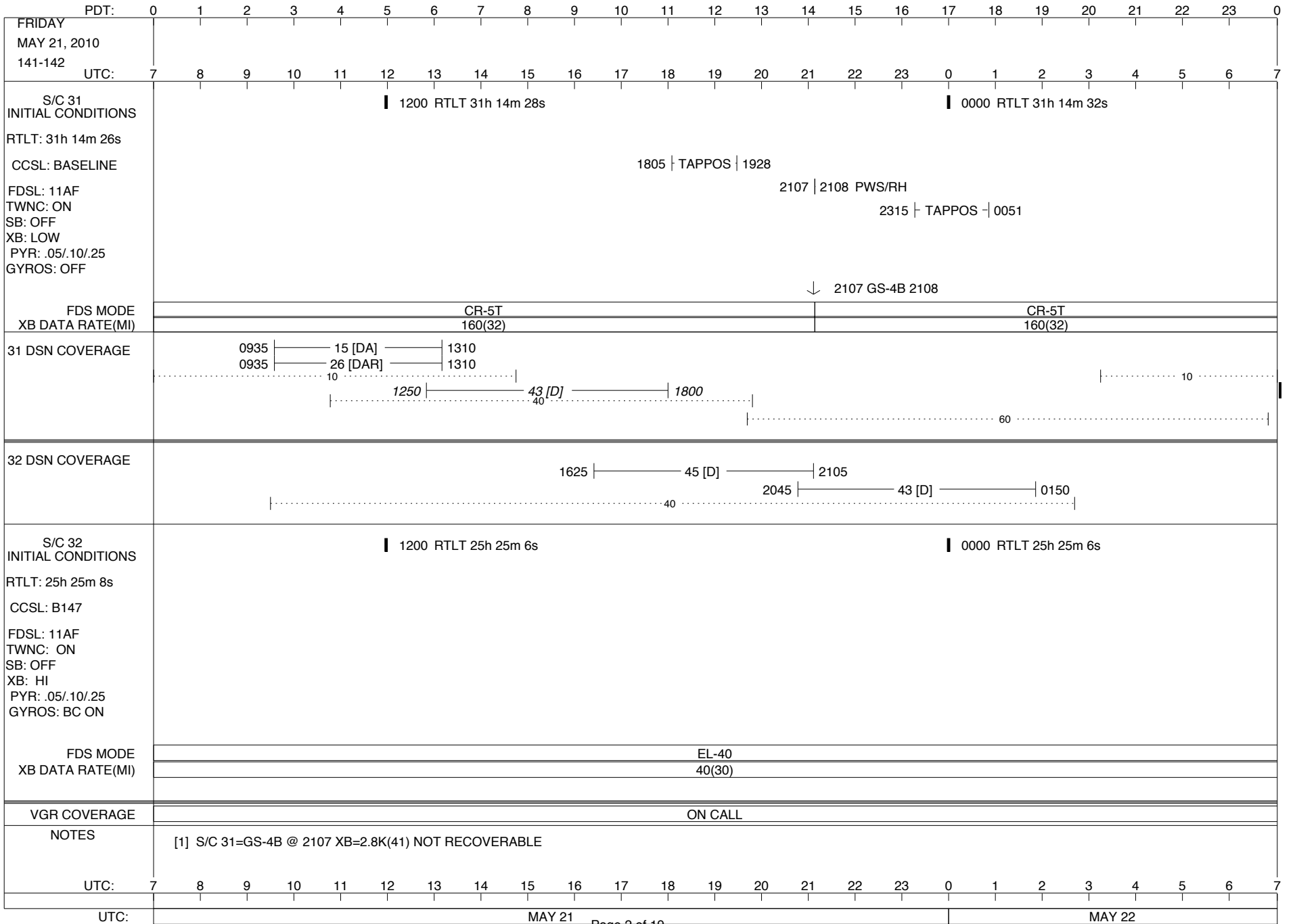
**LEGEND:**

∇ = 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

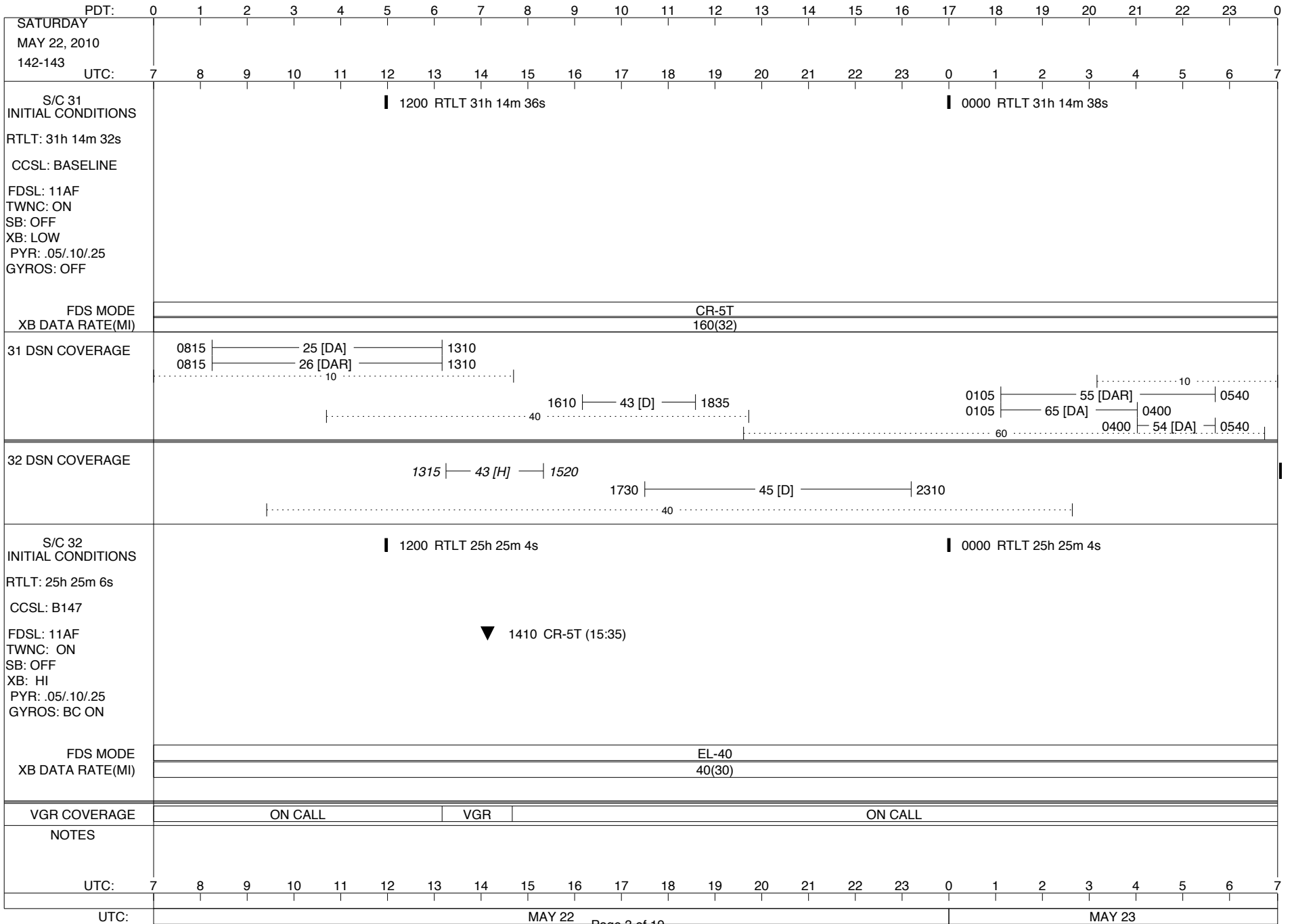
\*Electronic Copy Only  
 (17 – Dist/N: Paper Copies)  
 04/02/09

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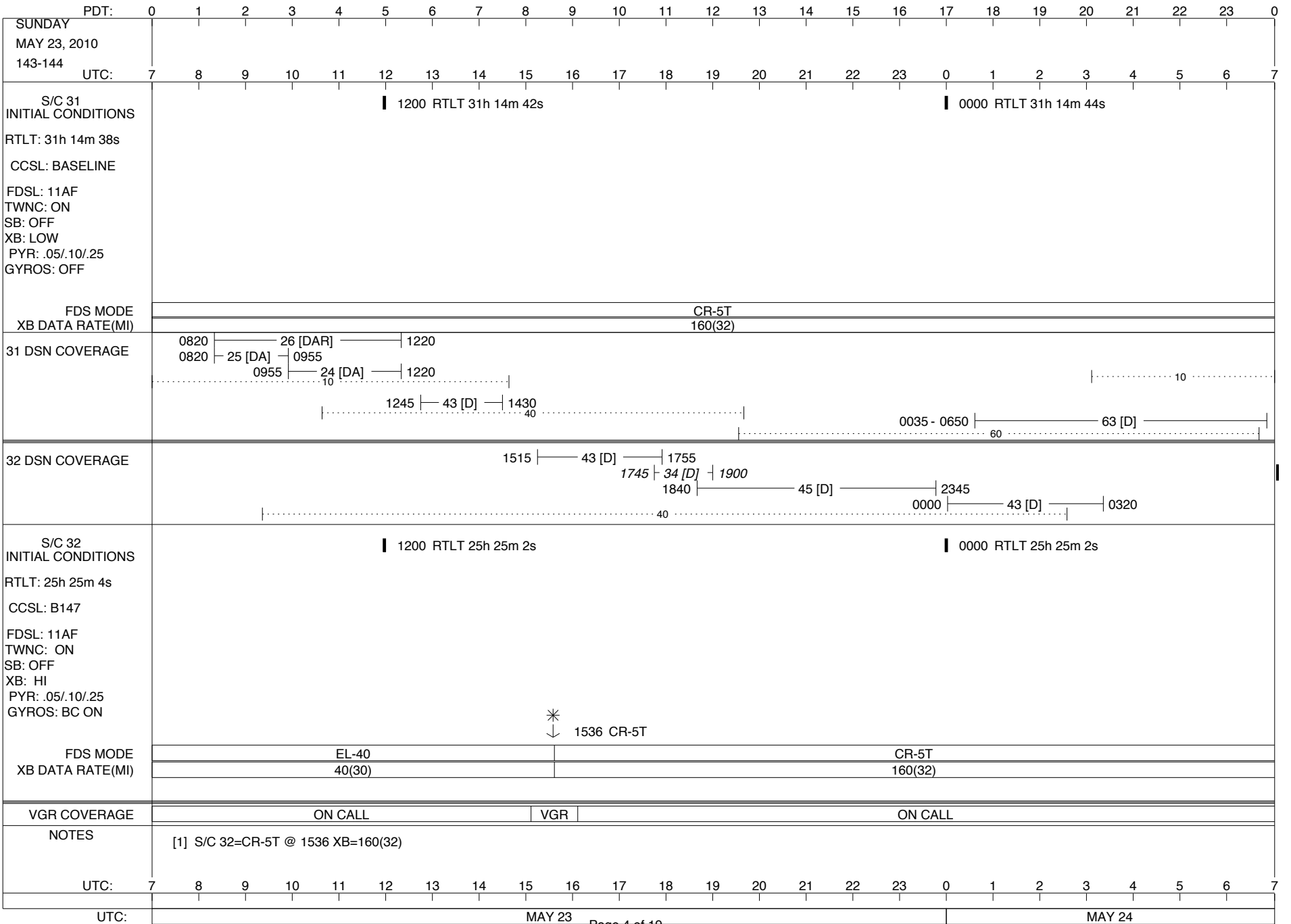
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S/C 31 INITIAL CONDITIONS RTLTL: 31h 14m 20s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 31h 14m 22s												0000 RTLTL 31h 14m 26s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	0810   15 [DA]   1305 0810   26 [DAR]   1305											10   40   10											0230   63 [D]   0545		
32 DSN COVERAGE	1510   34 [o]   2110												40												
S/C 32 INITIAL CONDITIONS RTLTL: 25h 25m 10s CCSL: B147 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 25h 25m 8s												0000 RTLTL 25h 25m 8s												
FDS MODE XB DATA RATE(MI)													EL-40 40(30)												
VGR COVERAGE	ON CALL												VGR ON CALL												
NOTES																									
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UTC:	MAY 20												MAY 21												

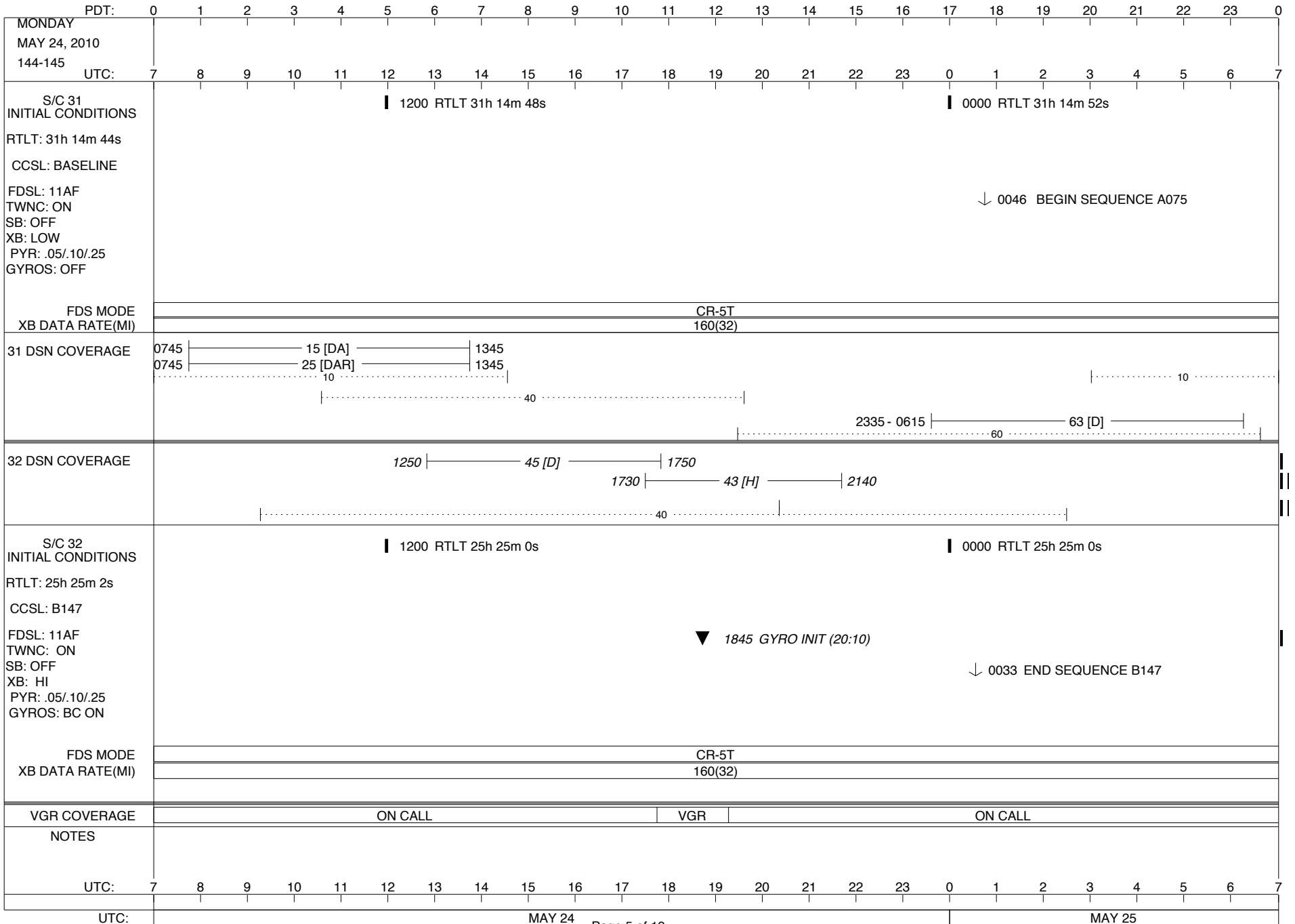


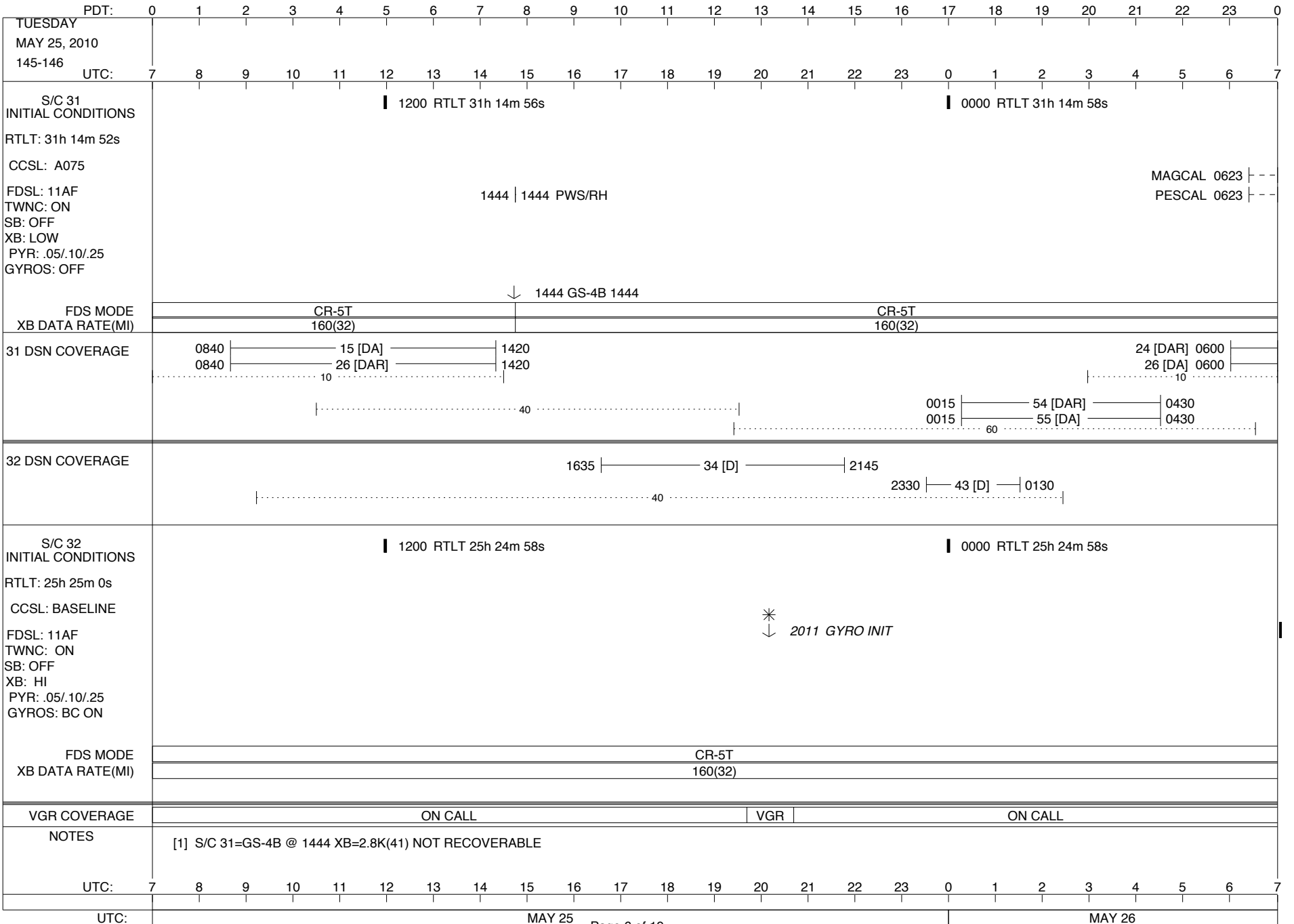
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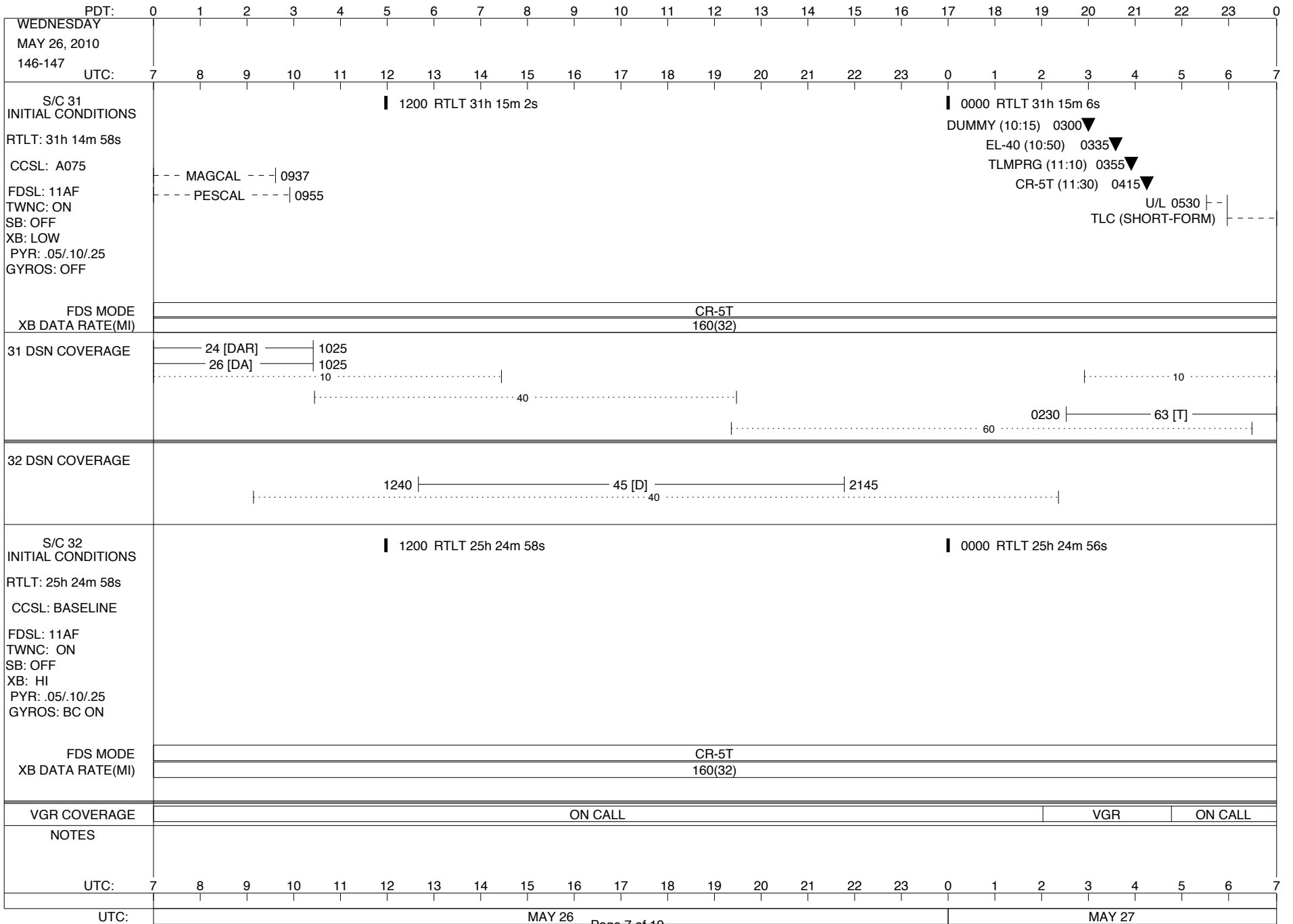
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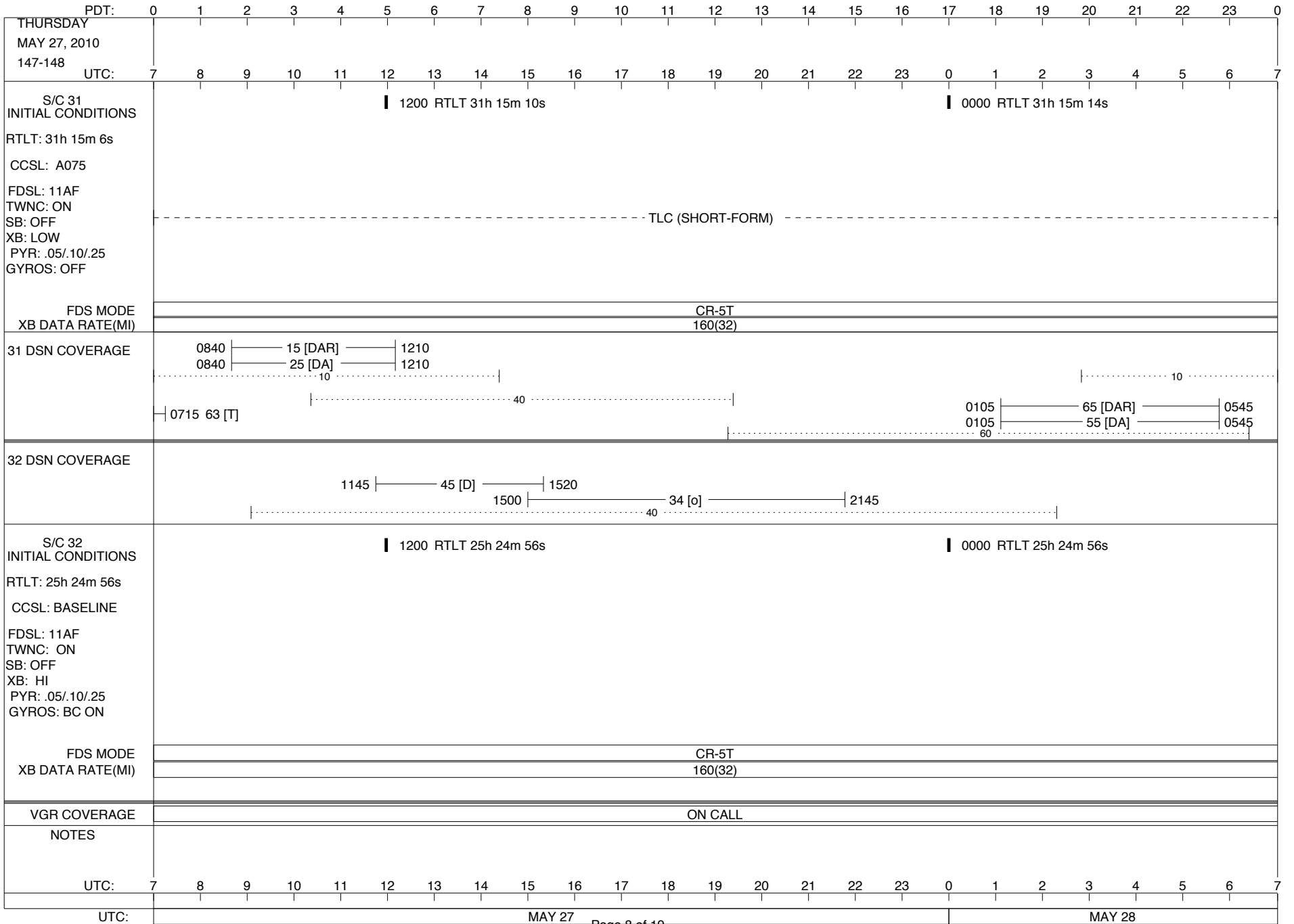




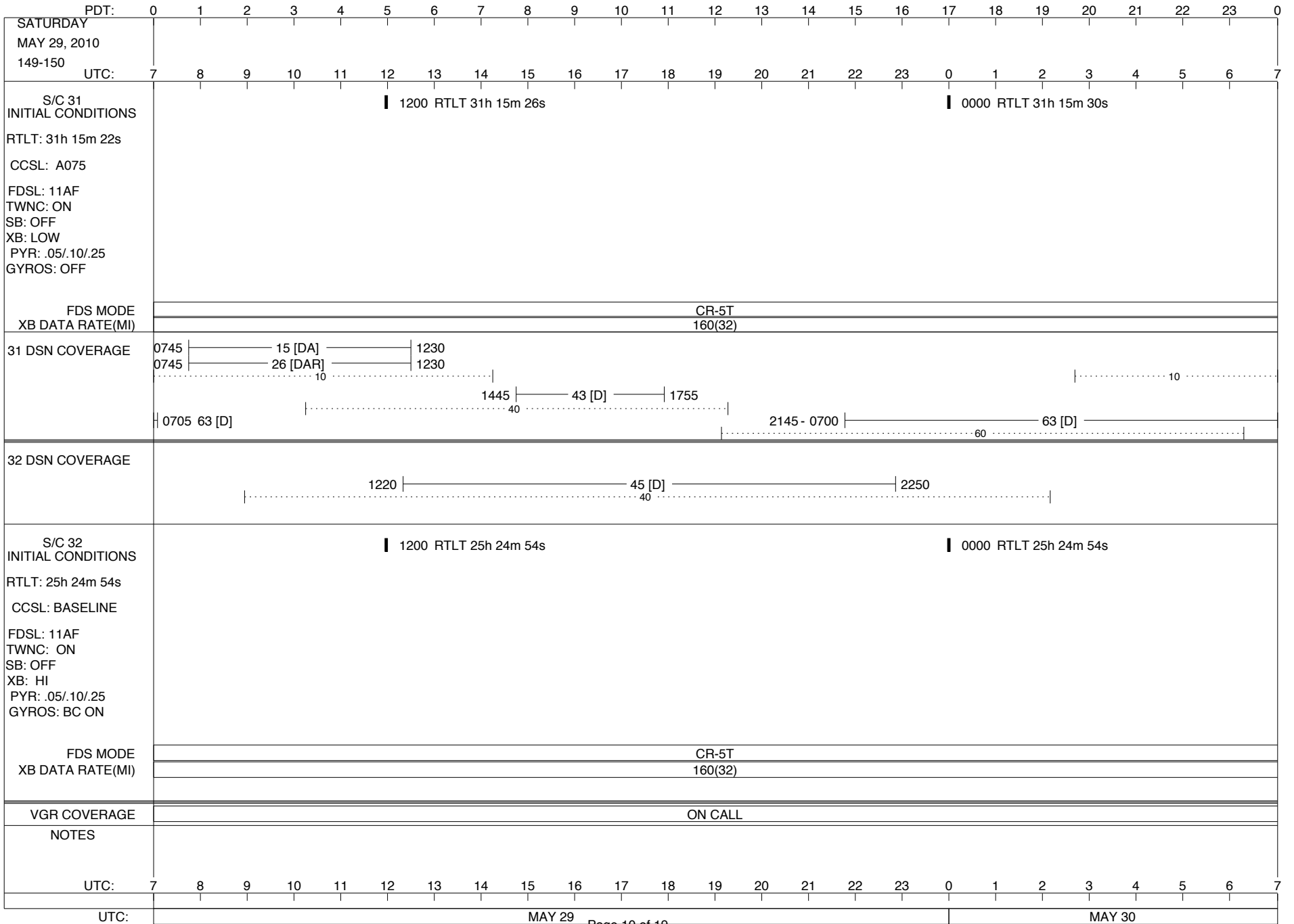
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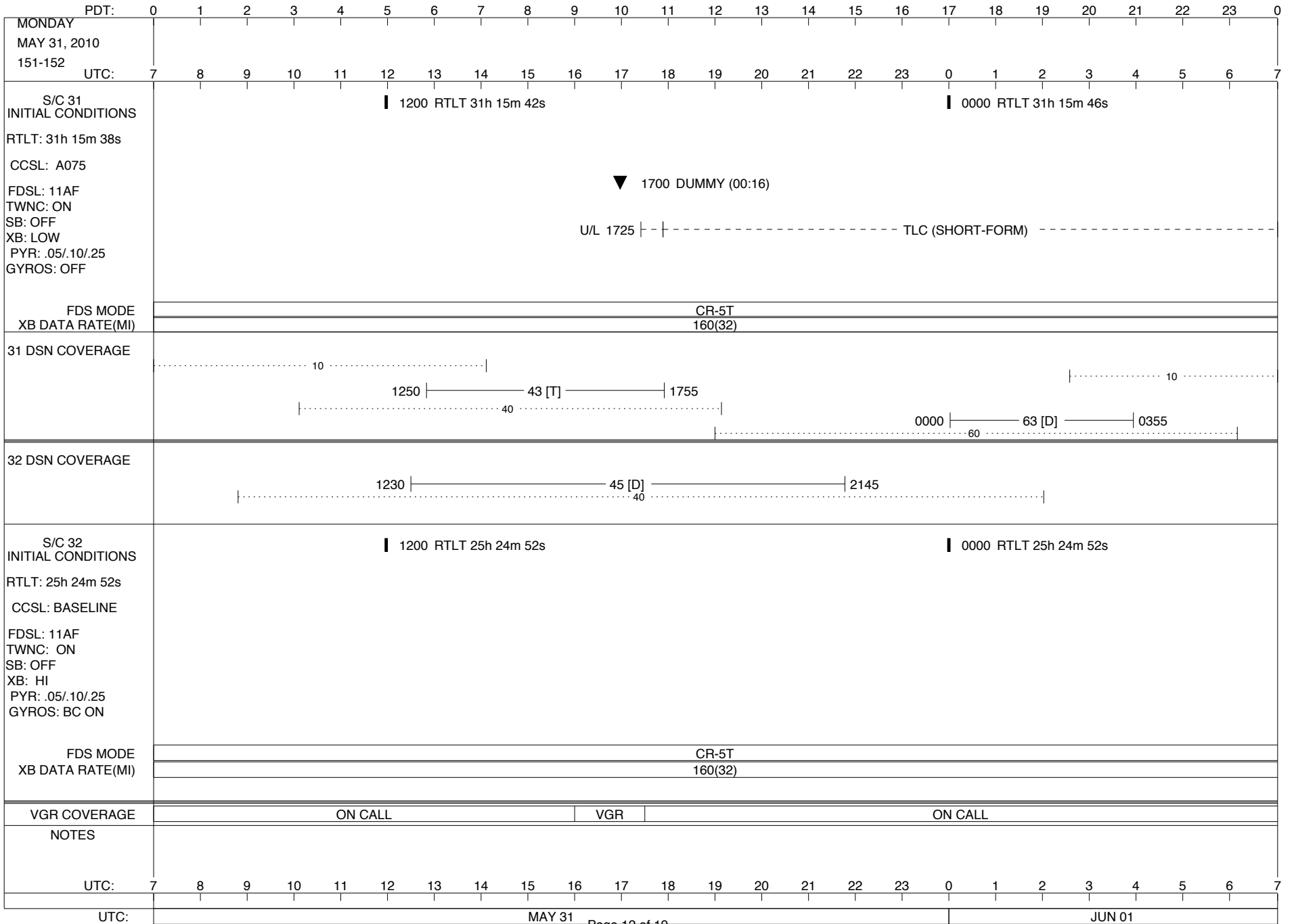
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FRIDAY MAY 28, 2010 148-149																												
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S/C 31 INITIAL CONDITIONS RTLT: 31h 15m 14s CCSL: A075 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 31h 15m 18s ↓ 1036 AAC SIN MEMUPD'S ECR 109261 ↓ 1041 PWRCHK MEMUPD'S ECR 109323 * 1110   1122 TLMPRG 1741   - TAPPOS -   1932 2044   2045 PWS/RH ----- TLC (SHORT-FORM) -----   D/L -   1413 2251   - TAPPOS - -   0055 1301   1309 SID MRO'S 1401   1409 SID MRO'S * * 1051 EL-40 ↓ ↓ 1131 CR-5T ↓ 2044 GS-4B 2045												0000 RTLT 31h 15m 22s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)				CR-5T 160(32)				CR-5T 160(32)				CR-5T 160(32)															
31 DSN COVERAGE	0800  ----- 25 [DAR] -----  1415 0800  ----- 26 [DA] -----  1415 ..... 10 .....  ----- 40 .....  ..... 60 .....												0155  ----- 63 [D] -----  ..... 60 .....															
32 DSN COVERAGE	1400  ----- 45 [D] -----  2130 ..... 40 ..... 2235  ----- 43 [D] -----  0120 ..... 40 .....																											
S/C 32 INITIAL CONDITIONS RTLT: 25h 24m 56s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 25h 24m 54s												0000 RTLT 25h 24m 54s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																											
VGR COVERAGE	ON CALL				VGR				ON CALL																			
NOTES	[1] S/C 31=EL40 @ 1051 XB=40(30) [2] S/C 31=CR-5T @ 1131 XB=160(32) [3] S/C 31=GS-4B @ 2044 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:	MAY 28														MAY 29													



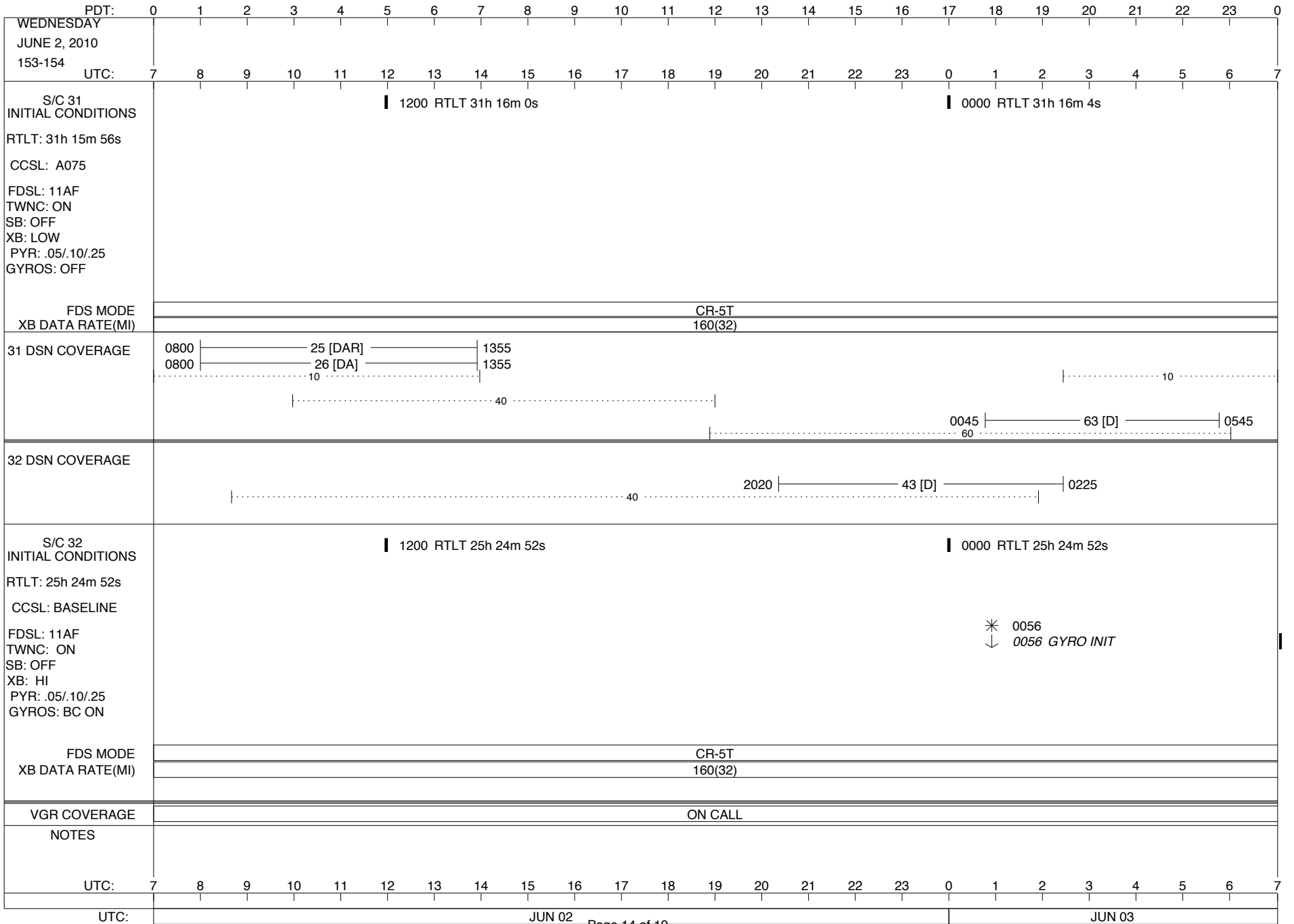
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SUNDAY MAY 30, 2010 150-151	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 31h 15m 30s CCSL: A075 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 31h 15m 34s												0000 RTLTL 31h 15m 38s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	0745  ----- 25 [DAR] -----  1320 0745  ----- 26 [DA] -----  1320  ----- 10 -----   ----- 40 -----  0700 63 [D]													----- 10 -----  0015  ----- 55 [DA] -----  0545 0015  ----- 65 [DAR] -----  0545  ----- 60 -----											
32 DSN COVERAGE	1355  ----- 45 [D] -----  2100  ----- 40 -----  2040  ----- 43 [D] -----  0005																								
S/C 32 INITIAL CONDITIONS RTLTL: 25h 24m 54s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 25h 24m 52s												0000 RTLTL 25h 24m 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:	MAY 30												MAY 31												

ISSUE DATE: 05/24/10 21:52



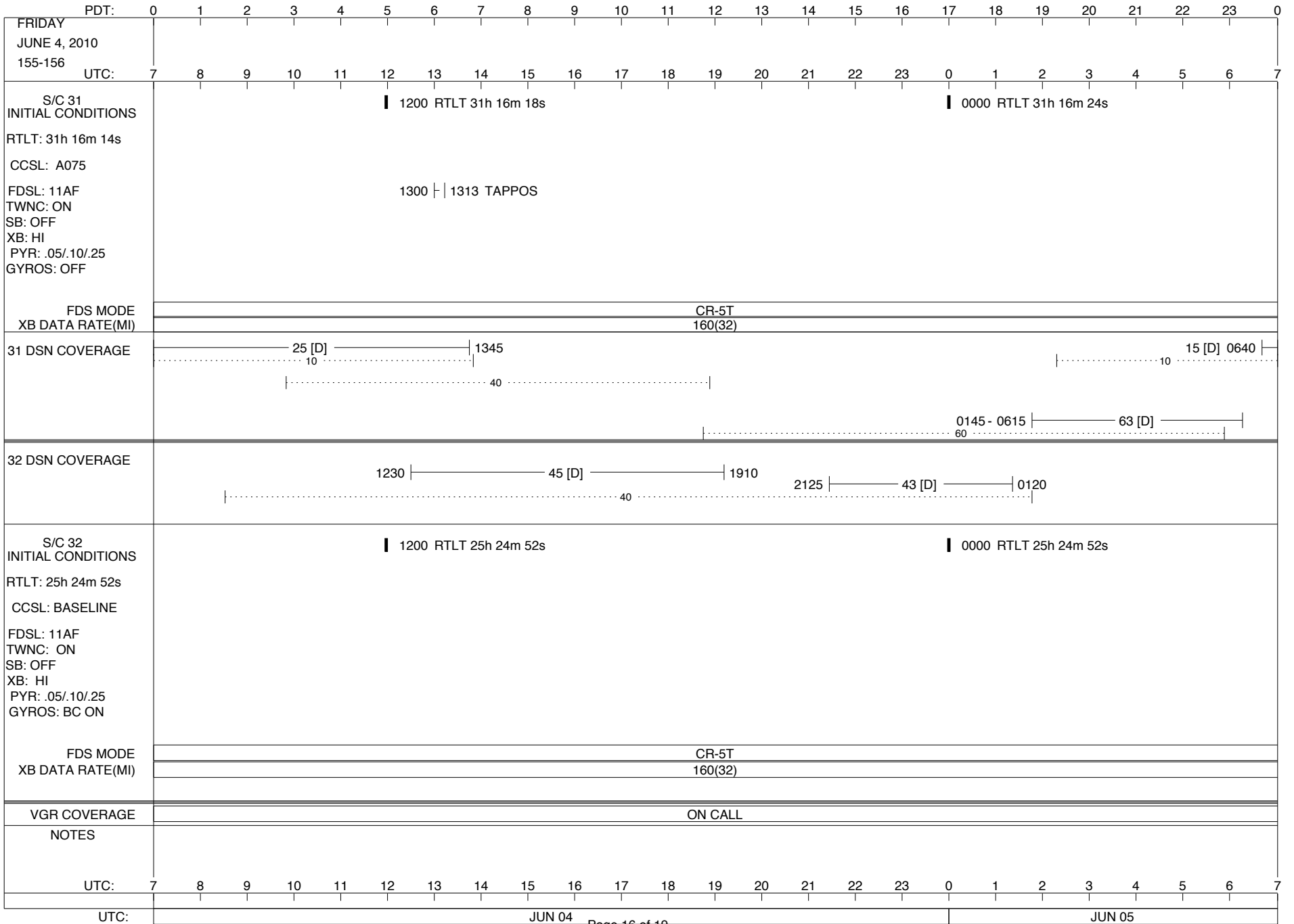
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S/C 31 INITIAL CONDITIONS RTLT: 31h 15m 46s CCSL: A075 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p>1200 RTLT 31h 15m 50s</p> <p>0000 RTLT 31h 15m 56s</p> <p>1420   1421 PWS/RH</p> <p>1432  ----- DTR MAINT -----  1956</p> <p>2000  --- TAPPOS ---  2235</p> <p>----- TLC (SHORT-FORM) -----  D/L -  0209</p> <p>↓ 1420 GS-4B 1421</p>																								
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)											CR-5T 160(32)													
31 DSN COVERAGE	<p>0800  ----- 15 [DAR] -----  1220</p> <p>0800  ----- 24 [DA] -----  1220</p> <p>----- 10 ----- </p> <p>----- 40 ----- </p> <p>0010  ----- 55 [DAR] -----  0305</p> <p>0010  ----- 65 [DA] -----  0305</p> <p>----- 60 -----  0245 -----  63 [D] -----  0545</p>																								
32 DSN COVERAGE	<p>1240  ----- 45 [D] -----  1955</p> <p>----- 40 ----- </p> <p>2235  ----- 43 [H] -----  0210</p>																								
S/C 32 INITIAL CONDITIONS RTLT: 25h 24m 52s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	<p>1200 RTLT 25h 24m 52s</p> <p>0000 RTLT 25h 24m 52s</p> <p>1812   PLSCAL -  1954</p> <p>1812  --- MAGCAL ---  2114</p> <p>1812  --- PESCAL ---  2132</p> <p>▼ 2315 DUMMY (00:40)</p> <p>▼ 2320 GYRO INIT (00:55)</p>																								
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL											VGR		ON CALL											
NOTES	[1] S/C 31=GS-4B @ 1420 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:	JUN 01											JUN 02													

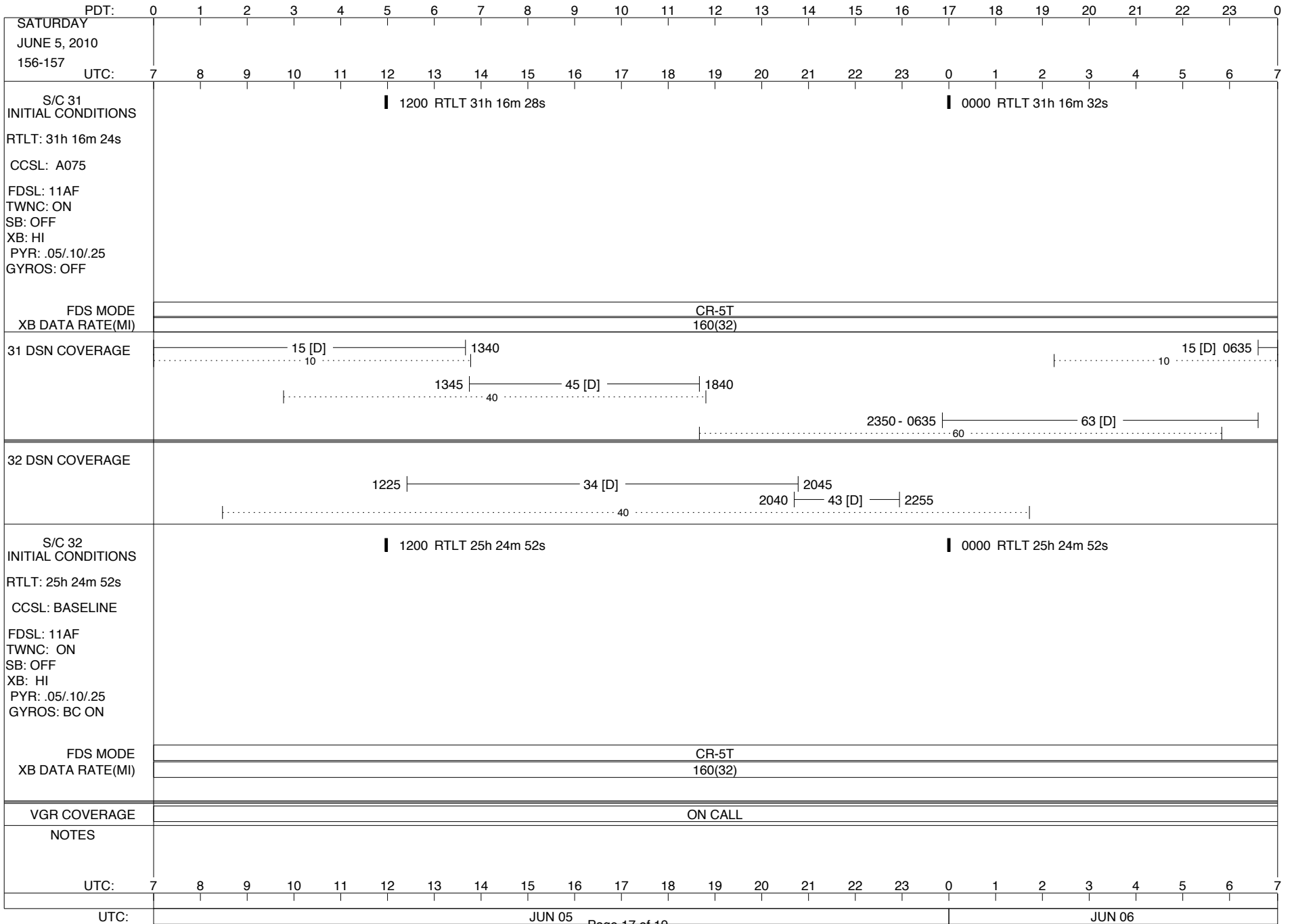


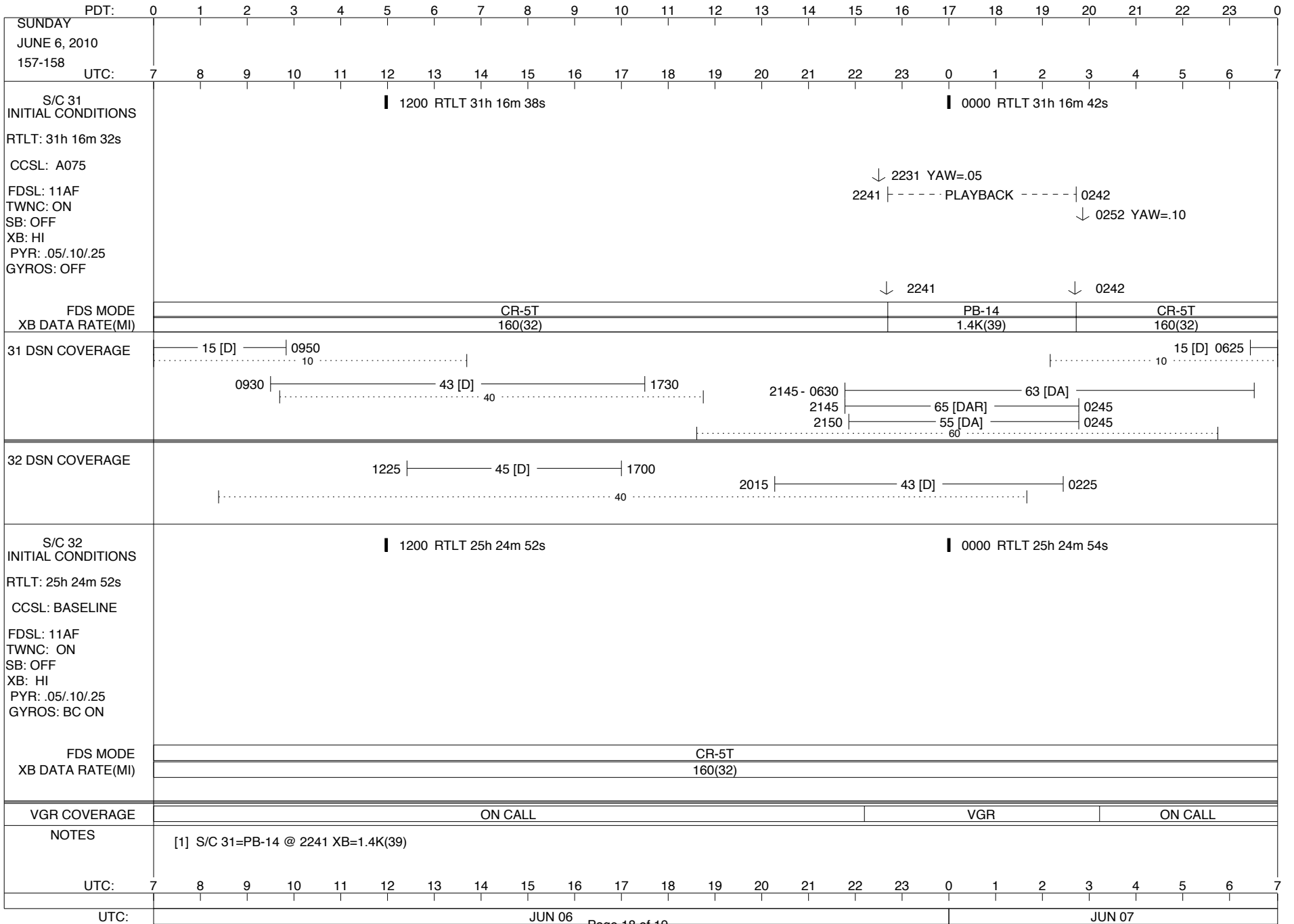
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THURSDAY JUNE 3, 2010 154-155																												
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLTL: 31h 16m 4s CCSL: A075 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 31h 16m 8s												█ 0000 RTLTL 31h 16m 14s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	25 [DA] ————— 0735 - 1350 26 [DAR] ————— 0735 - 1350 10 .....												25 [D] 0615   10 .....															
	.....  40 .....												.....  60 .....  0205   63 [D]   0545															
32 DSN COVERAGE	.....  1635   45 [D]   2315												.....  40 .....															
S/C 32 INITIAL CONDITIONS RTLTL: 25h 24m 52s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	█ 1200 RTLTL 25h 24m 52s												█ 0000 RTLTL 25h 24m 52s															
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:	JUN 03														JUN 04													



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S/C 31 INITIAL CONDITIONS RTLT: 31h 16m 42s CCSL: A075 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	<p>1200 RTLT 31h 16m 48s</p> <p>1001   TAPPOS   1125</p>																								
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	<p>15 [D] 1205</p> <p>10</p> <p>40</p>																								
32 DSN COVERAGE	<p>1155   34 [D]   1930</p>																								
S/C 32 INITIAL CONDITIONS RTLT: 25h 24m 54s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	<p>1200 RTLT 25h 24m 54s</p>																								
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:	JUN 07														JUN 08										