

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: May 18, 2016

For the Period: 05/19/16 to 06/05/16 (16-140 – 16-157)

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

**DSOT (1) 230-102**

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 \*John.M.Grant@jpl.nasa.gov  
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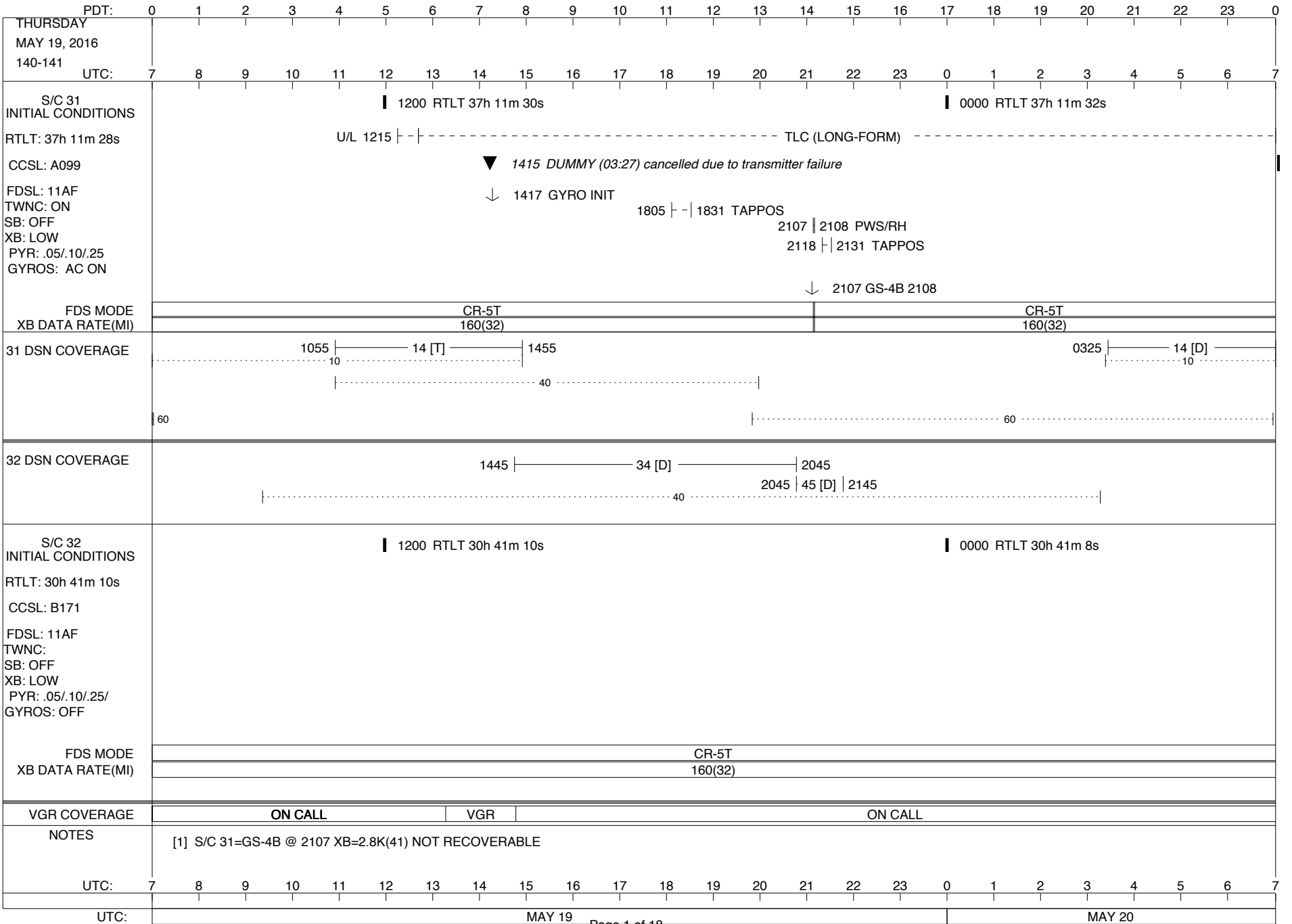
**FLIGHT TEAM (14) 600-100**

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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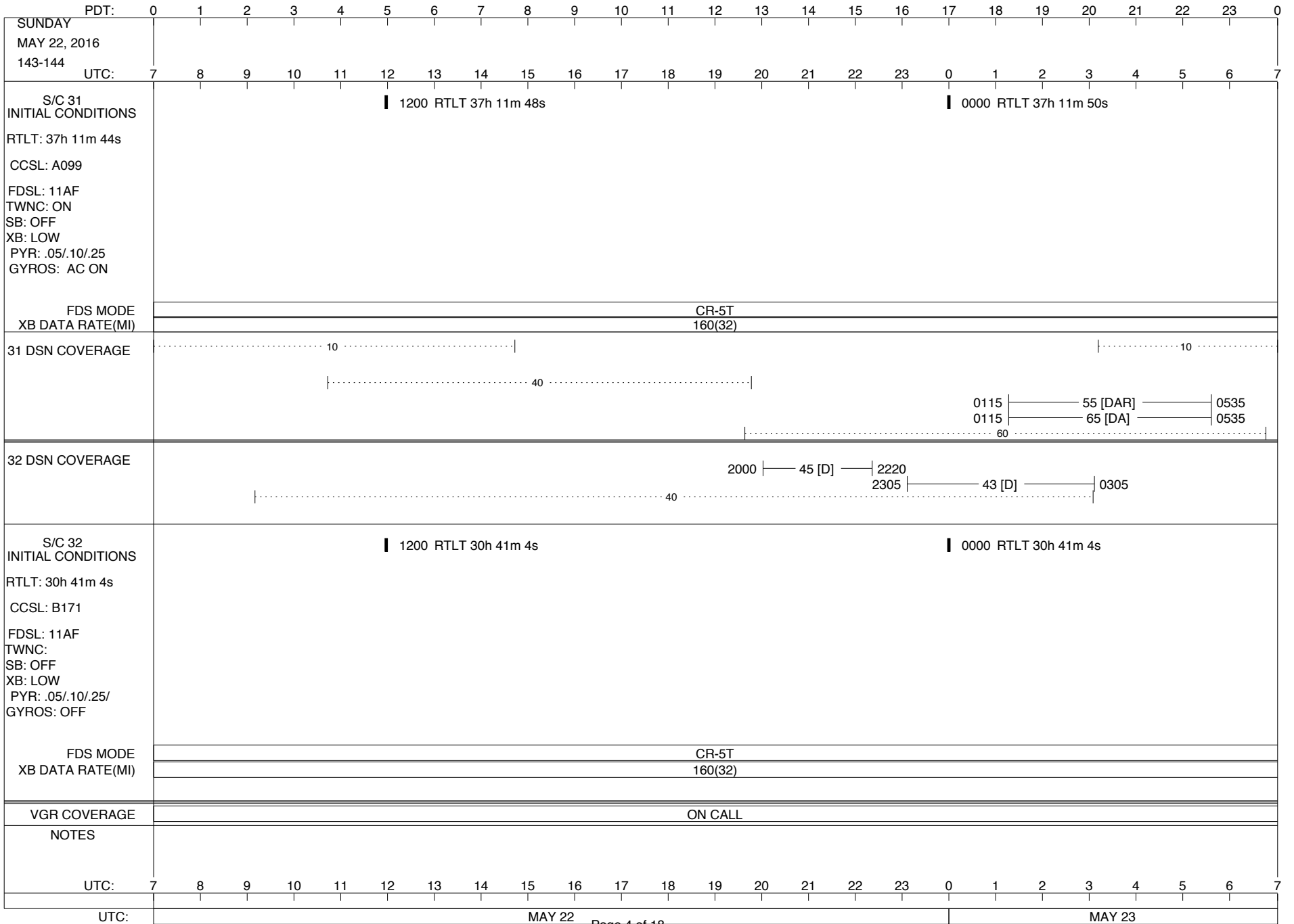


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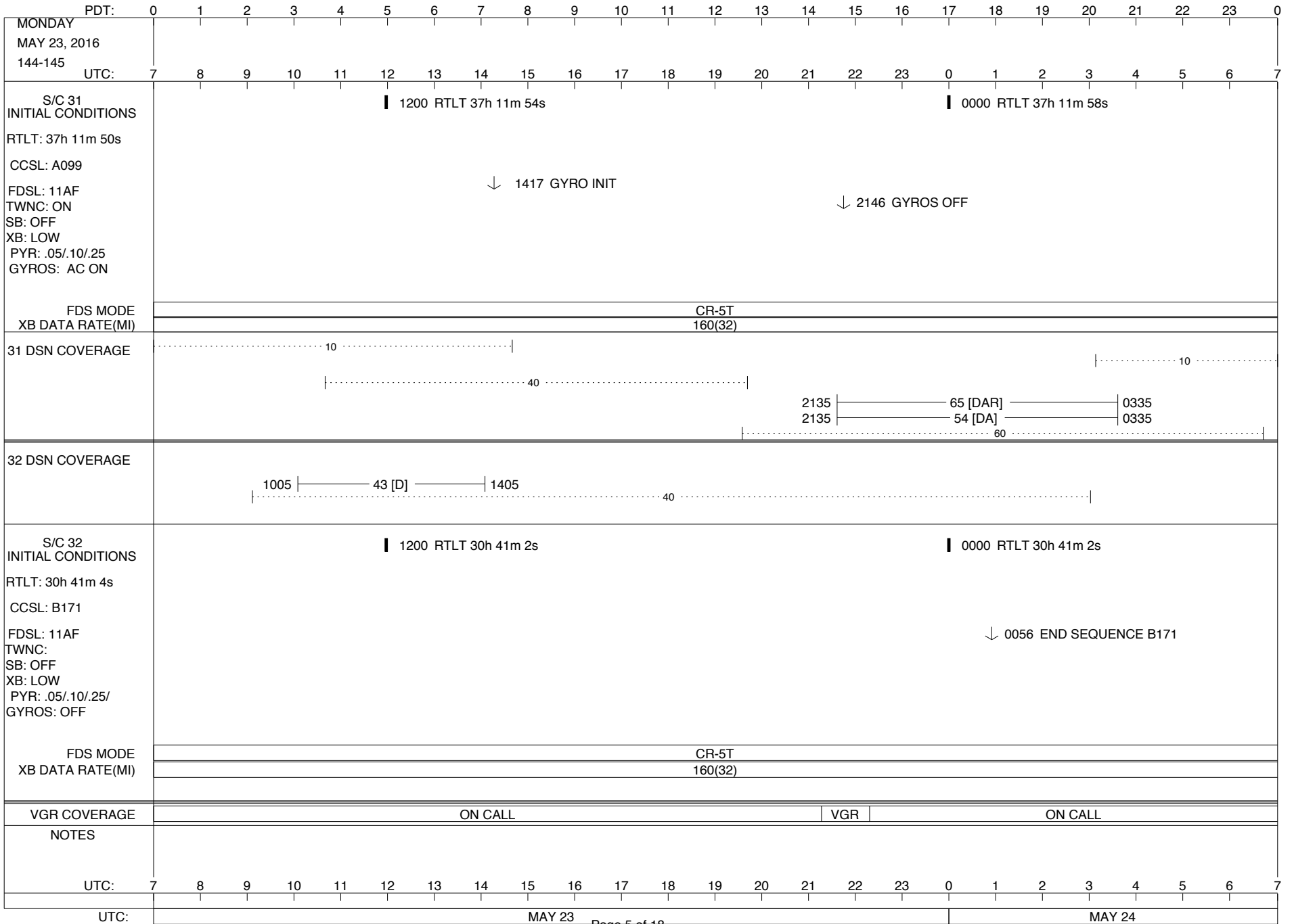
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FRIDAY MAY 20, 2016 141-142																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 37h 11m 32s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	1200 RTLT 37h 11m 36s												0000 RTLT 37h 11m 38s													
TLC (LONG-FORM)												D/L -   0255														
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	0725 14 [D]										..... 10															
	..... 10										..... 40															
	..... 40										..... 60															
	..... 60										..... 0010															
	..... 0010										..... 65 [DAR]															
	..... 65 [DAR]										..... 0545															
	..... 0545										..... 55 [DA]															
	..... 55 [DA]										..... 0545															
32 DSN COVERAGE	..... 1505										..... 34 [o]															
	..... 1505										..... 40															
	..... 40										..... 2230															
S/C 32 INITIAL CONDITIONS RTLTL: 30h 41m 8s CCSL: B171 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 41m 8s												0000 RTLT 30h 41m 6s													
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 20													MAY 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
SATURDAY MAY 21, 2016 142-143	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: 37h 11m 38s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	1200 RTLT 37h 11m 42s												0000 RTLT 37h 11m 44s												
	↓ 1417 GYRO INIT												2105   2117 TAPPOS												
													0006   0008 PWS/RH 0018   0020 TAPPOS												
													↓ 0006 GS-4B 0008												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	.....  10 .....										.....  10 .....														
	..... 40 .....										..... 60 .....														
											0025   65 [DAR]   0540 0025   54 [DA]   0540														
32 DSN COVERAGE	1400   ..... 40 .....										34 [DA] ..... 2225   35 [DAR] ..... 0145 0145														
S/C 32 INITIAL CONDITIONS RTLT: 30h 41m 6s CCSL: B171 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 41m 6s												0000 RTLT 30h 41m 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 @ 0006 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 21												MAY 22												

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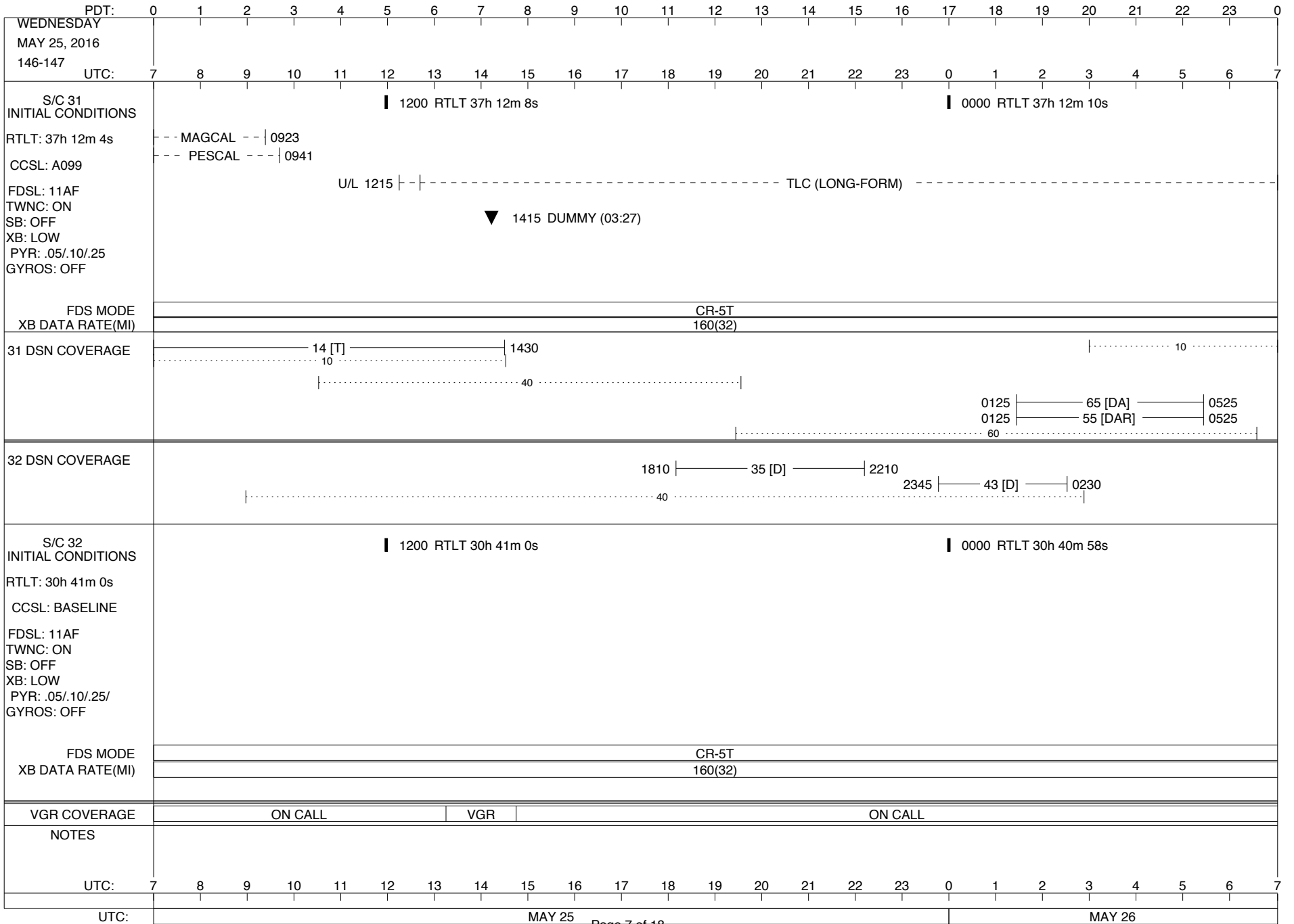


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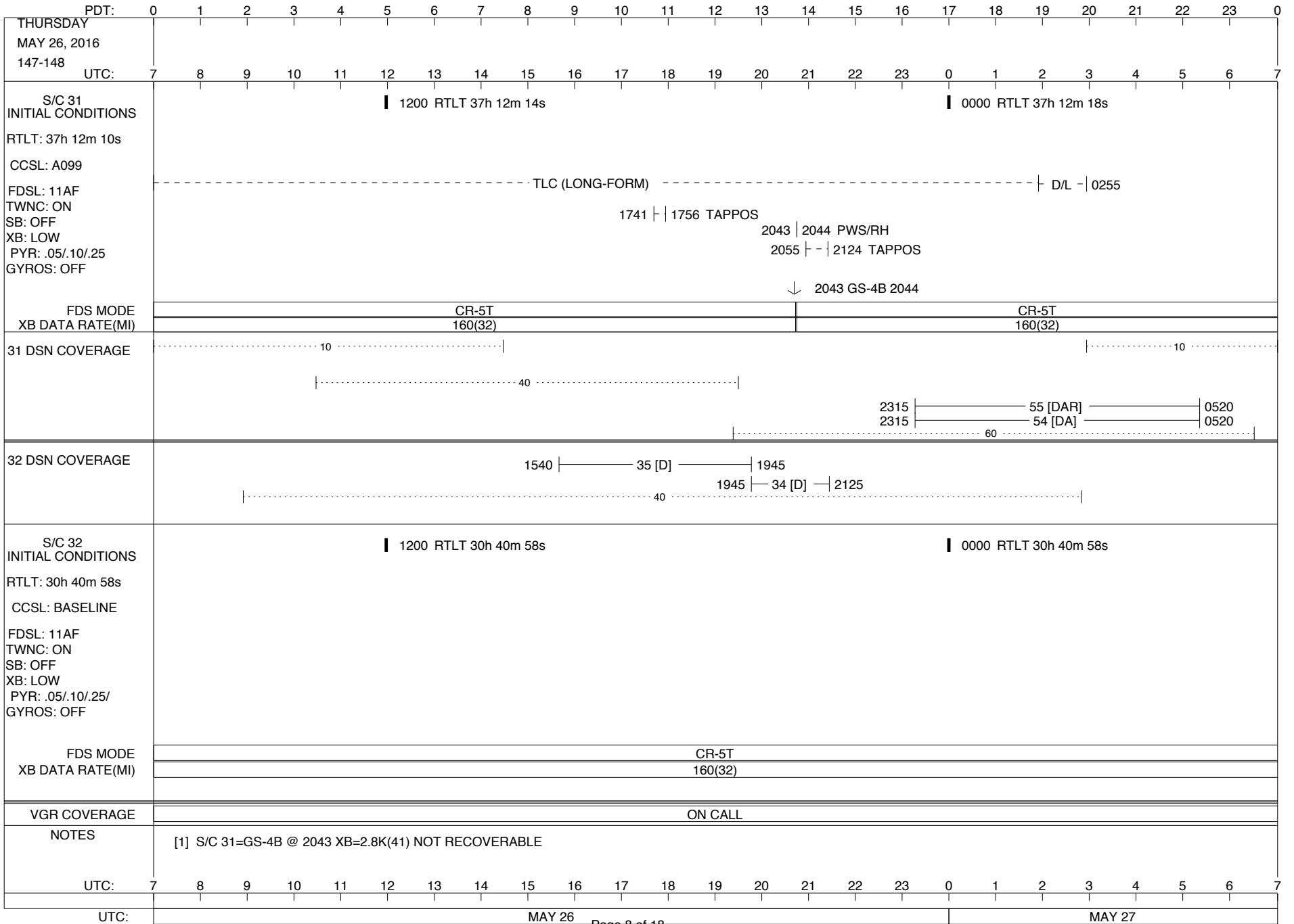
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TUESDAY MAY 24, 2016 145-146	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLTL: 37h 11m 58s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 12m 0s												0000 RTLT 37h 12m 4s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
31 DSN COVERAGE	1235   14 [D]   1435												0605   14 [T]															
32 DSN COVERAGE	0900   43 [B]   1400												2350   43 [D]   0255															
S/C 32 INITIAL CONDITIONS RTLTL: 30h 41m 2s CCSL: BASELINE FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 41m 0s												0000 RTLT 30h 41m 0s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																											
VGR COVERAGE	ON CALL				VGR				ON CALL																			
NOTES	[1] S/C 31=GS-4B @ 1430 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 24														MAY 25													

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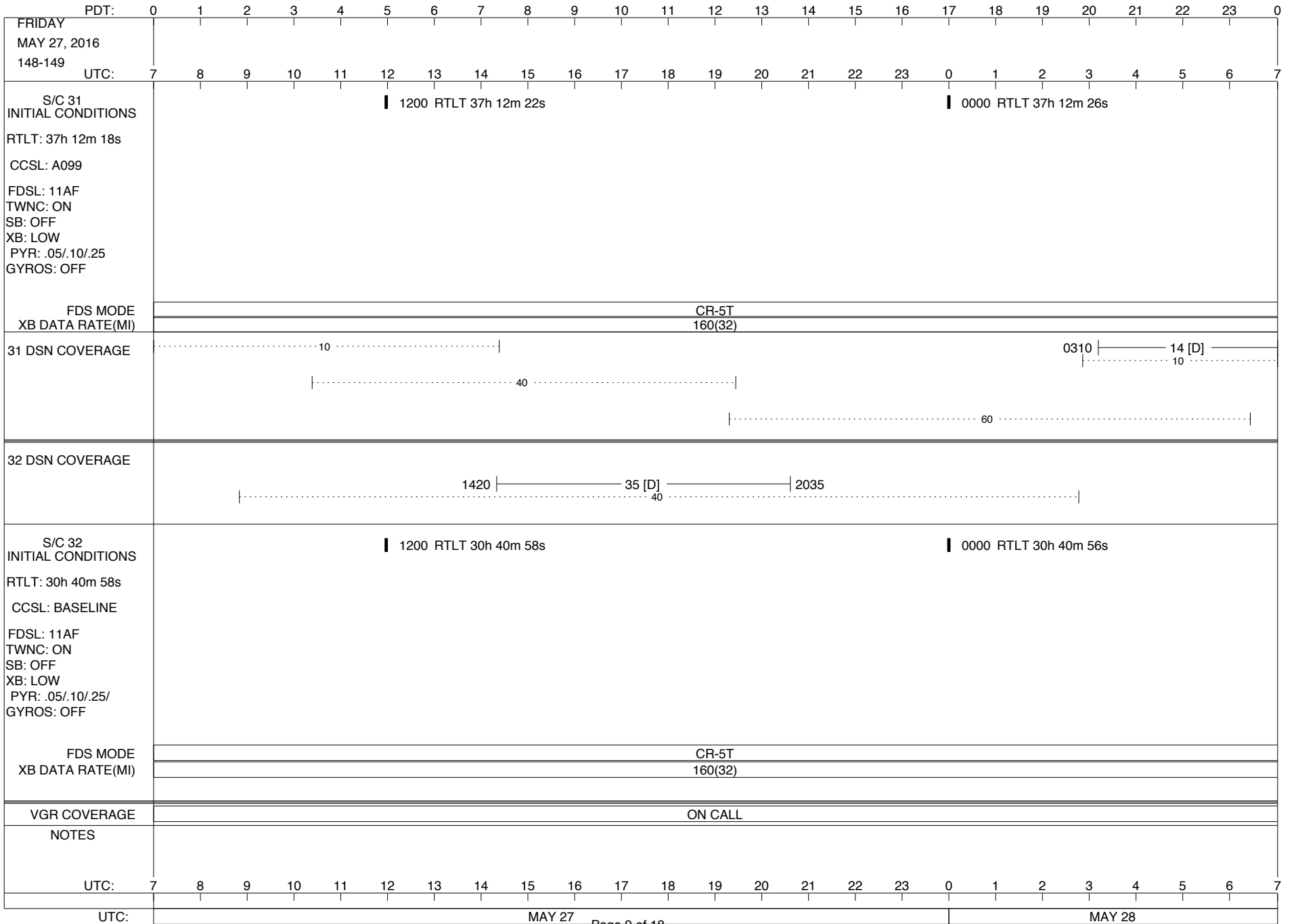




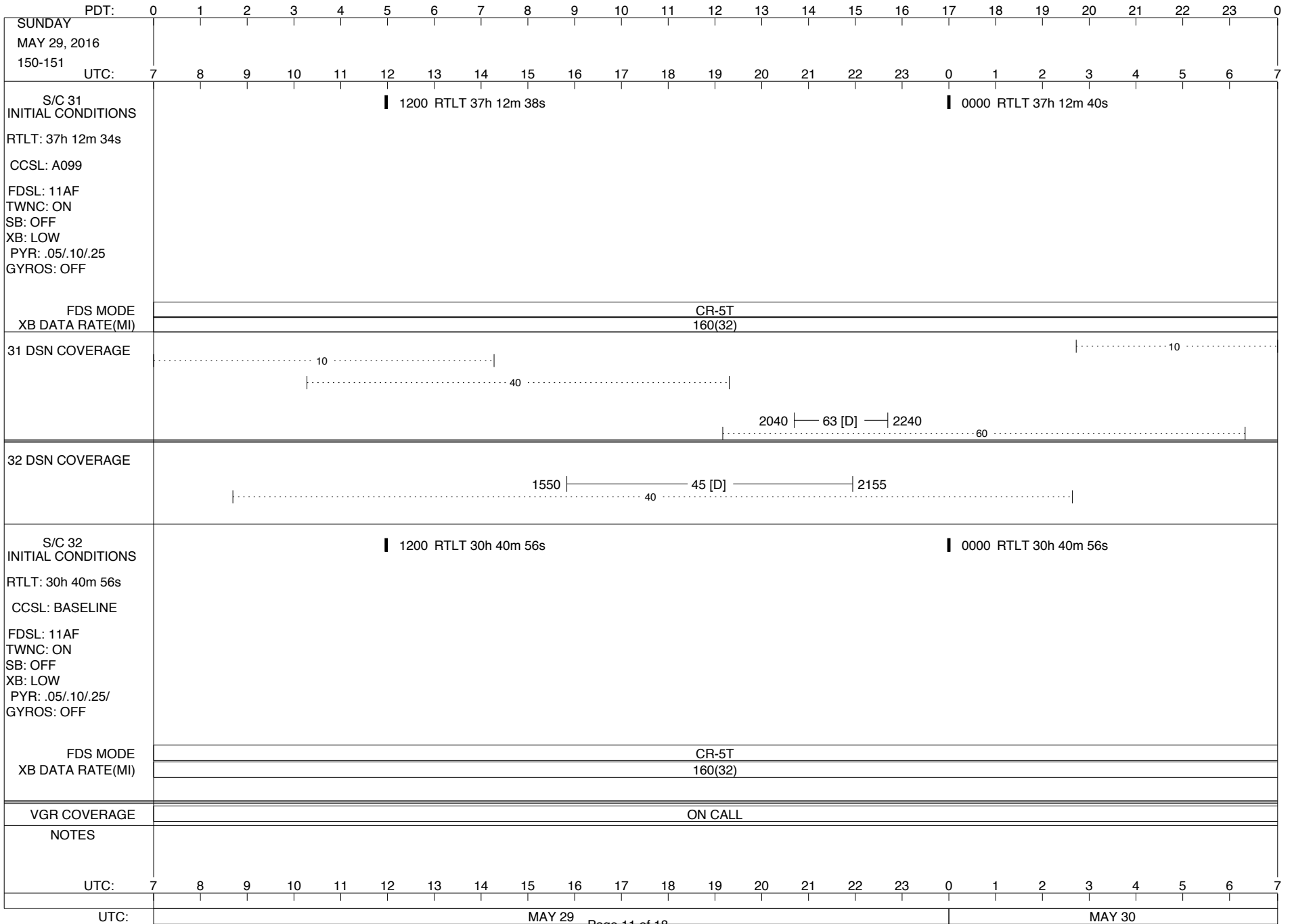
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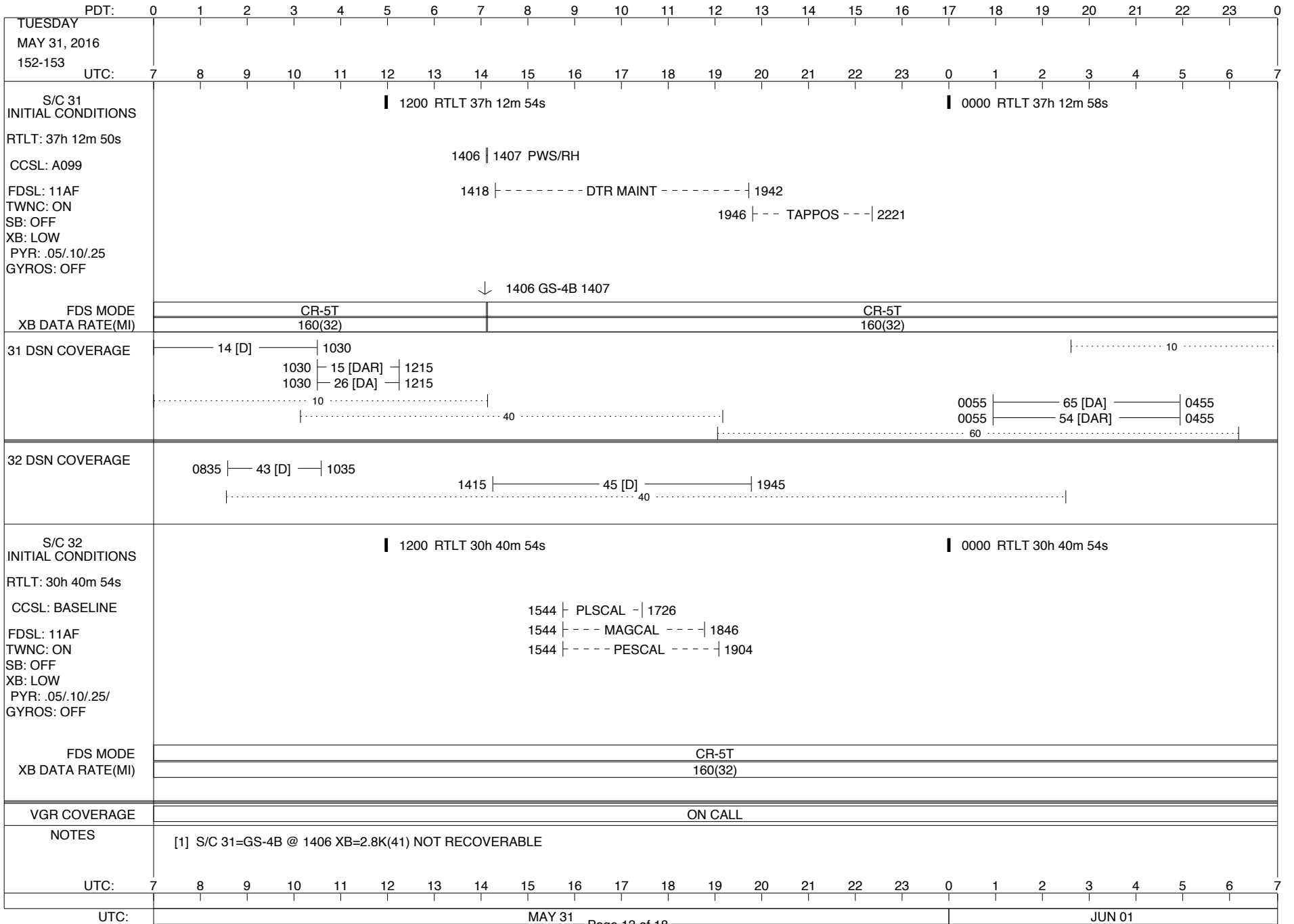
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SATURDAY MAY 28, 2016 149-150																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 37h 12m 26s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 12m 30s												0000 RTLT 37h 12m 34s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0710 14 [D] .....   .....40 .....												0250 - 0650  .....14 [D] .....   .....60 .....												
32 DSN COVERAGE	0845  .....43 [o] .....  1310  .....40 .....												1810  .....45 [D] .....  2200  .....40 .....												
S/C 32 INITIAL CONDITIONS RTLT: 30h 40m 56s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 40m 56s												0000 RTLT 30h 40m 56s												
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 @ 2343 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												



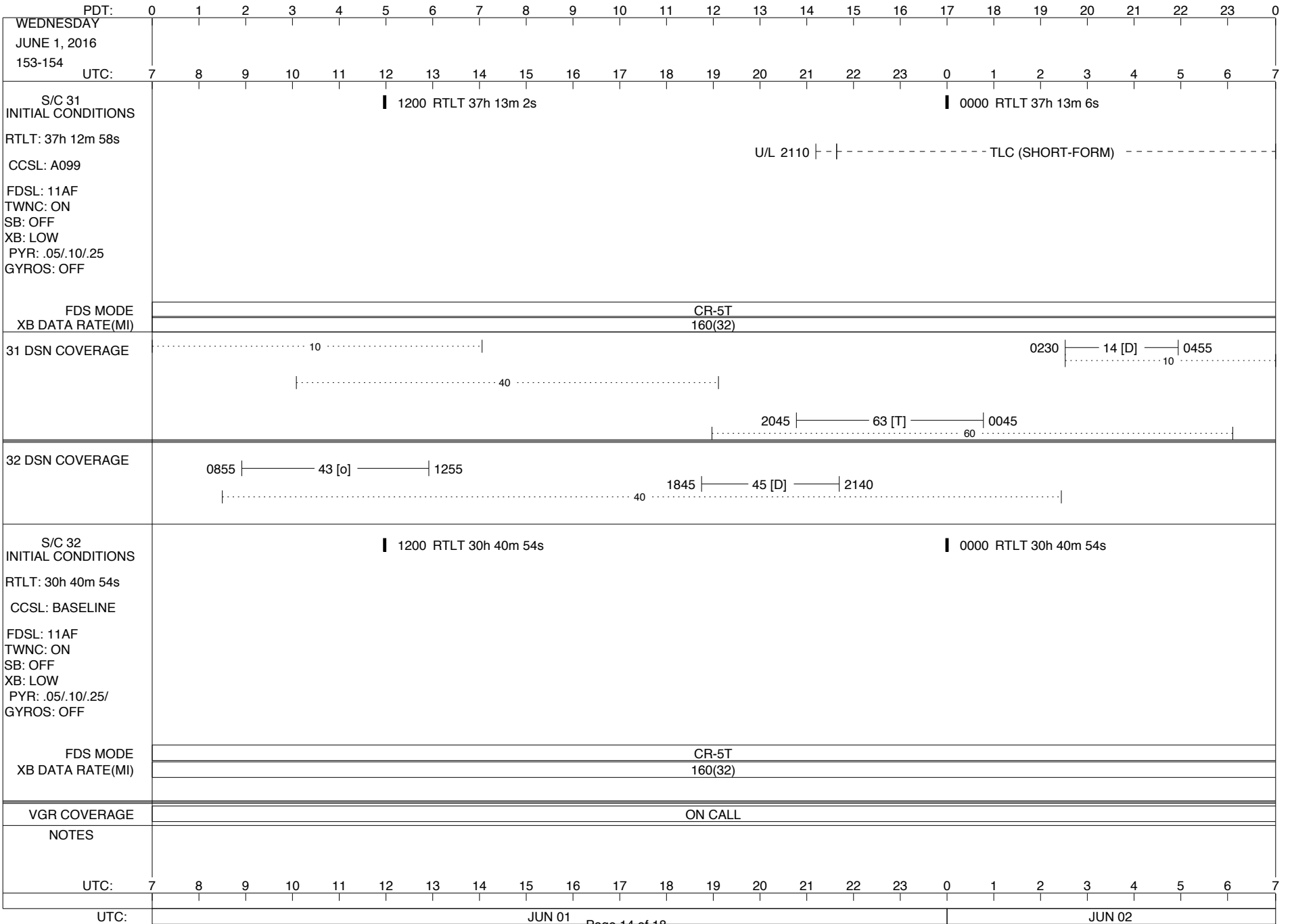
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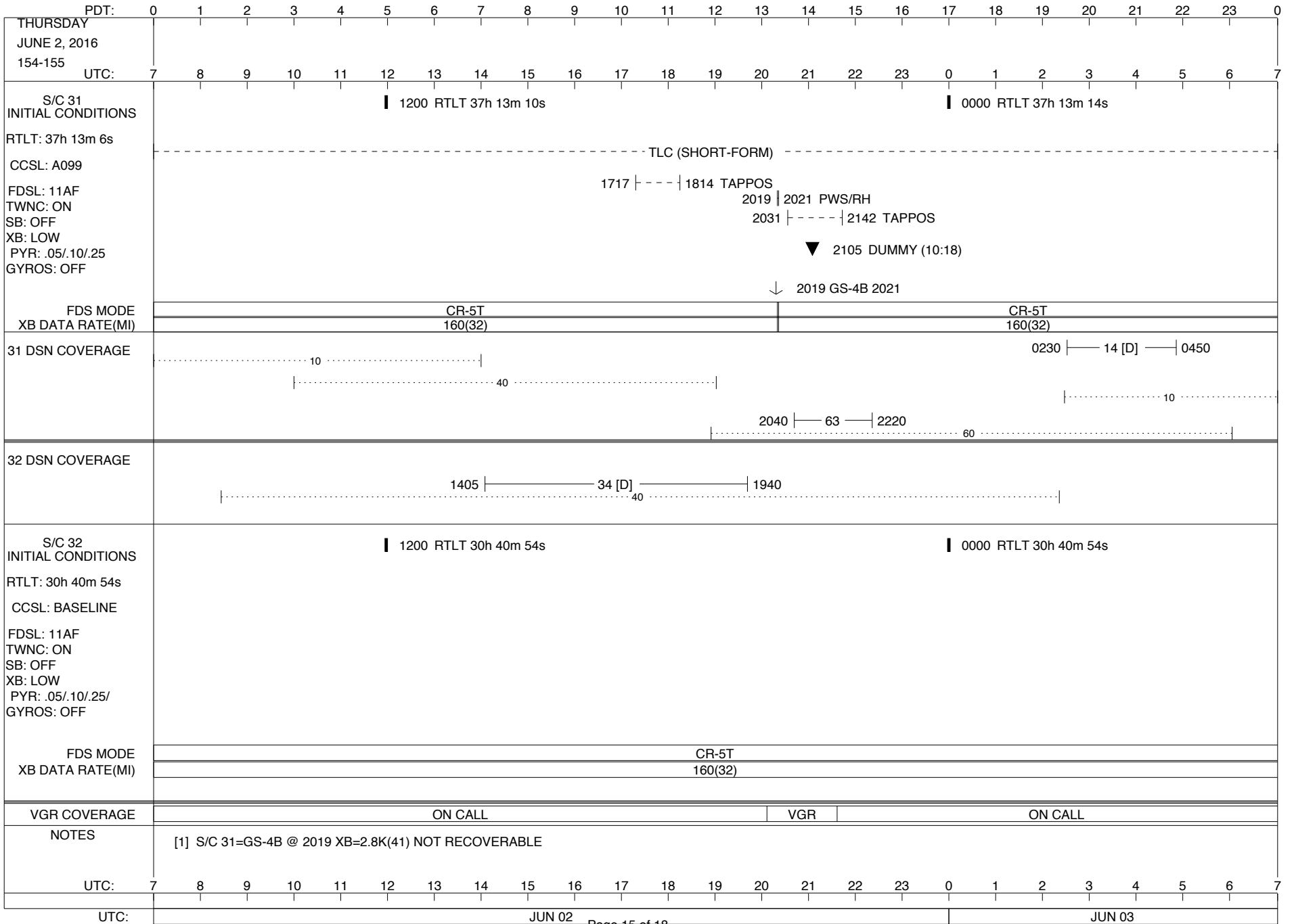
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MONDAY MAY 30, 2016 151-152	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 37h 12m 40s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 12m 44s												0000 RTLT 37h 12m 50s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	1015  -----  43 [D]  -----  1415										14 [D] 0630  -----														
32 DSN COVERAGE	1635  -----  34 [D]  -----  2150																								
S/C 32 INITIAL CONDITIONS RTLT: 30h 40m 56s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 40m 56s												0000 RTLT 30h 40m 54s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	JPL HOLIDAY!																								
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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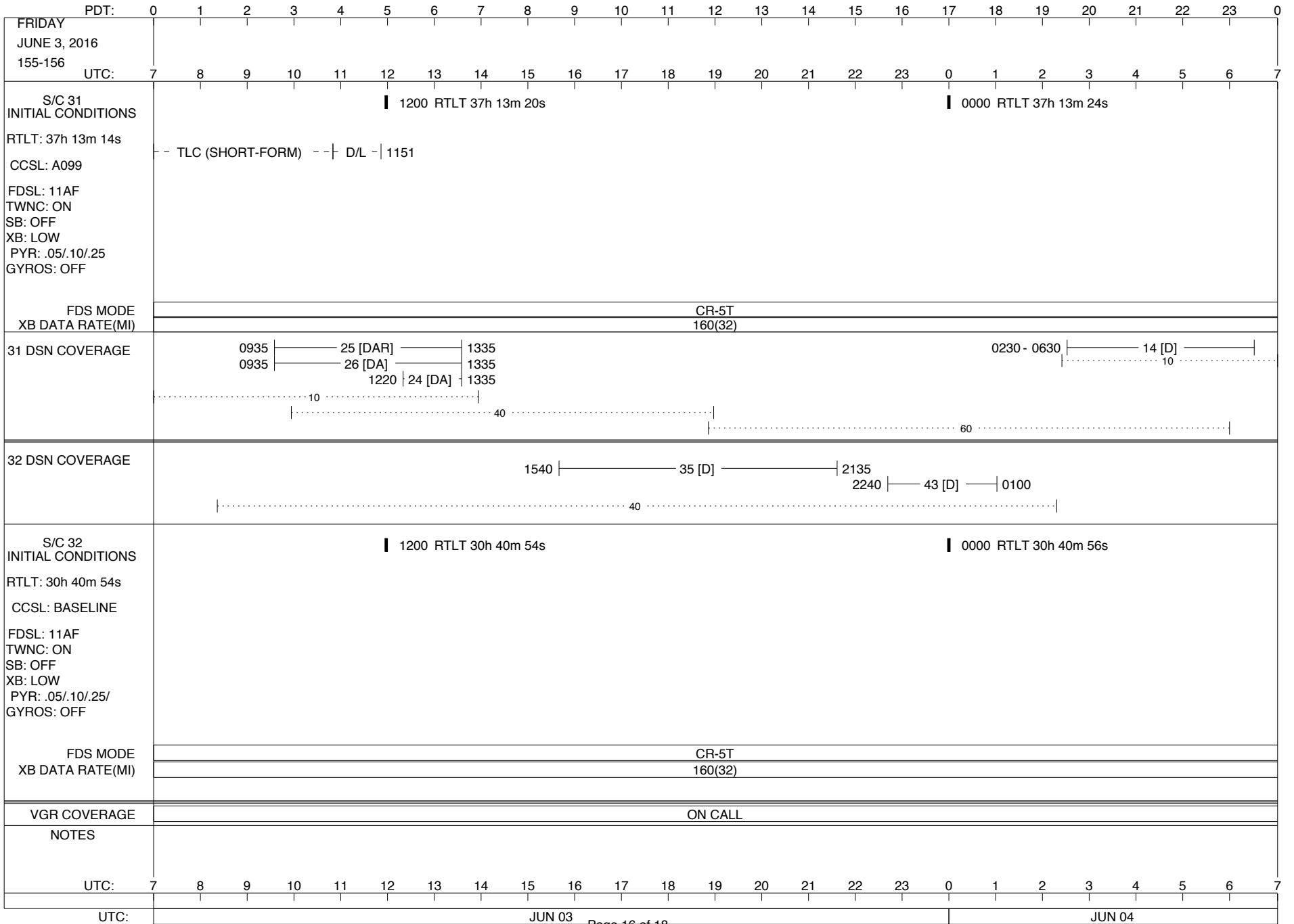


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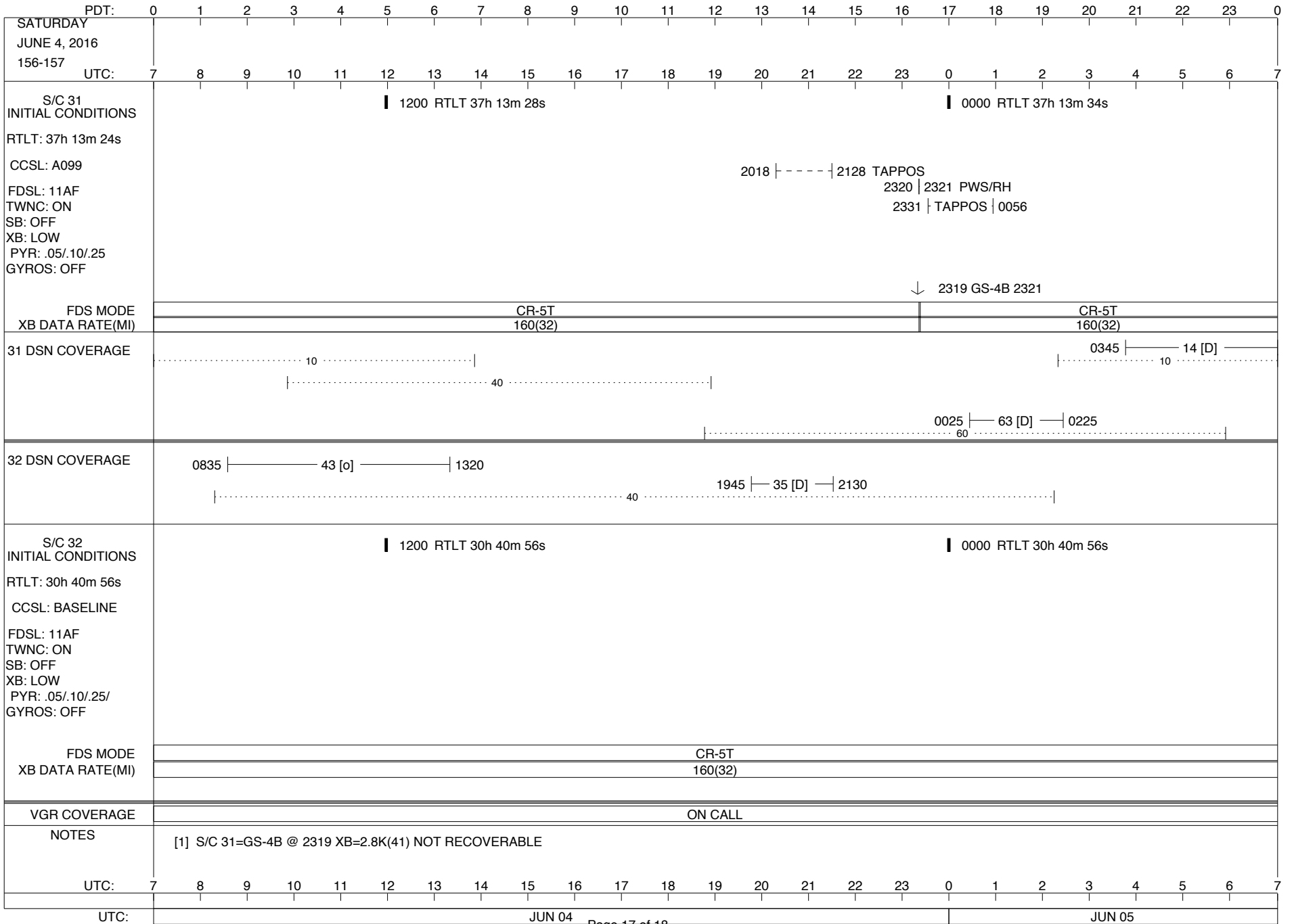








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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0		
SUNDAY JUNE 5, 2016 157-158																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 37h 13m 34s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 13m 38s																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	0745 14 [D] .....    .....10 .....    .....40 .....																										
32 DSN COVERAGE	1600   ..... 34 [D] .....   2120																										
S/C 32 INITIAL CONDITIONS RTLT: 30h 40m 56s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 40m 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:	JUN 05													JUN 06													