

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: May 13, 2015

For the Period: 05/14/15 to 06/08/15 (15-134 – 15-152)

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 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina
 Peralta, F.
 Weeks, T.
 Wong, R.
 Yang, L.
 Zottarelli, L.
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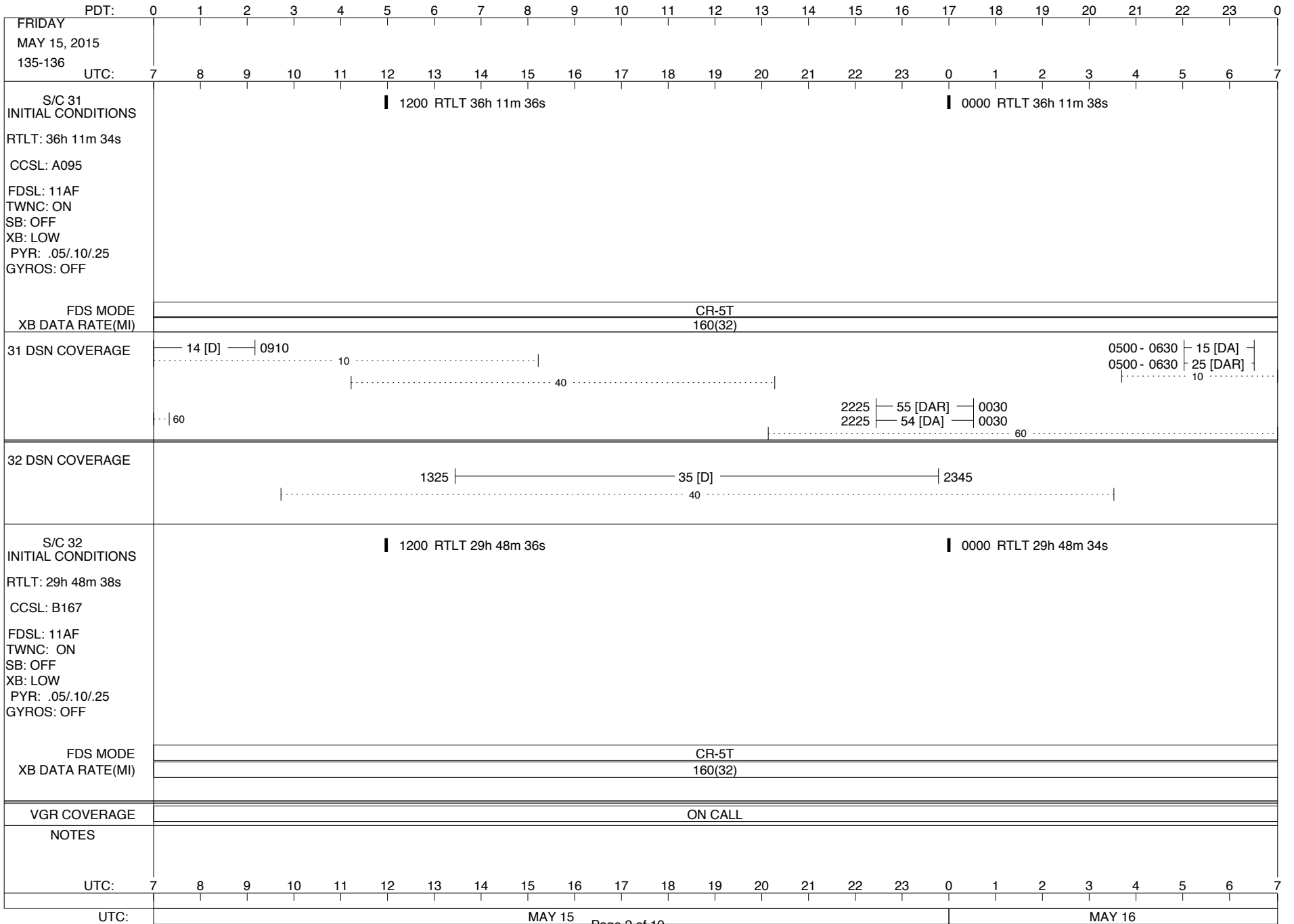
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

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

ISSUE DATE: 05/13/15 10:37

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 RTLT: 36h 11m 30s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 11m 32s TLC (SHORT-FORM) -----+ D/L - 1849 0701 YAW=.05 PLAYBACK ----- 0711 - 1329 1339 YAW=.10 1343 X/B LOW POWER 1347 BAY 1 HTR ON 1518 - 1537 TAPPOS 0711 1329												0000 RTLT 36h 11m 34s														
FDS MODE XB DATA RATE(MI)	PB-14 1.4K(39)												CR-5T 160(32)														
31 DSN COVERAGE	14 [DA] ----- 1445 24 [DAR] ----- 1330 25 [DA] ----- 1330 10 ----- 40 60 ----- 60												0445 ----- 14 [D] ----- ----- 10 -----														
32 DSN COVERAGE	1515 ----- 34 [D] ----- 2140 ----- 40 -----																										
S/C 32 INITIAL CONDITIONS RTLT: 29h 48m 40s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 48m 38s 1707 * - 1725 B168 CHKSUM												0000 RTLT 29h 48m 38s														
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)														
VGR COVERAGE	ONCALL						ON CALL			VGR			ON CALL														
NOTES	[1] S/C 31=PB-14 @ 0711 XB=1.4K(39) [2] S/C 31=CR-5T @ 1329 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 14														MAY 15												

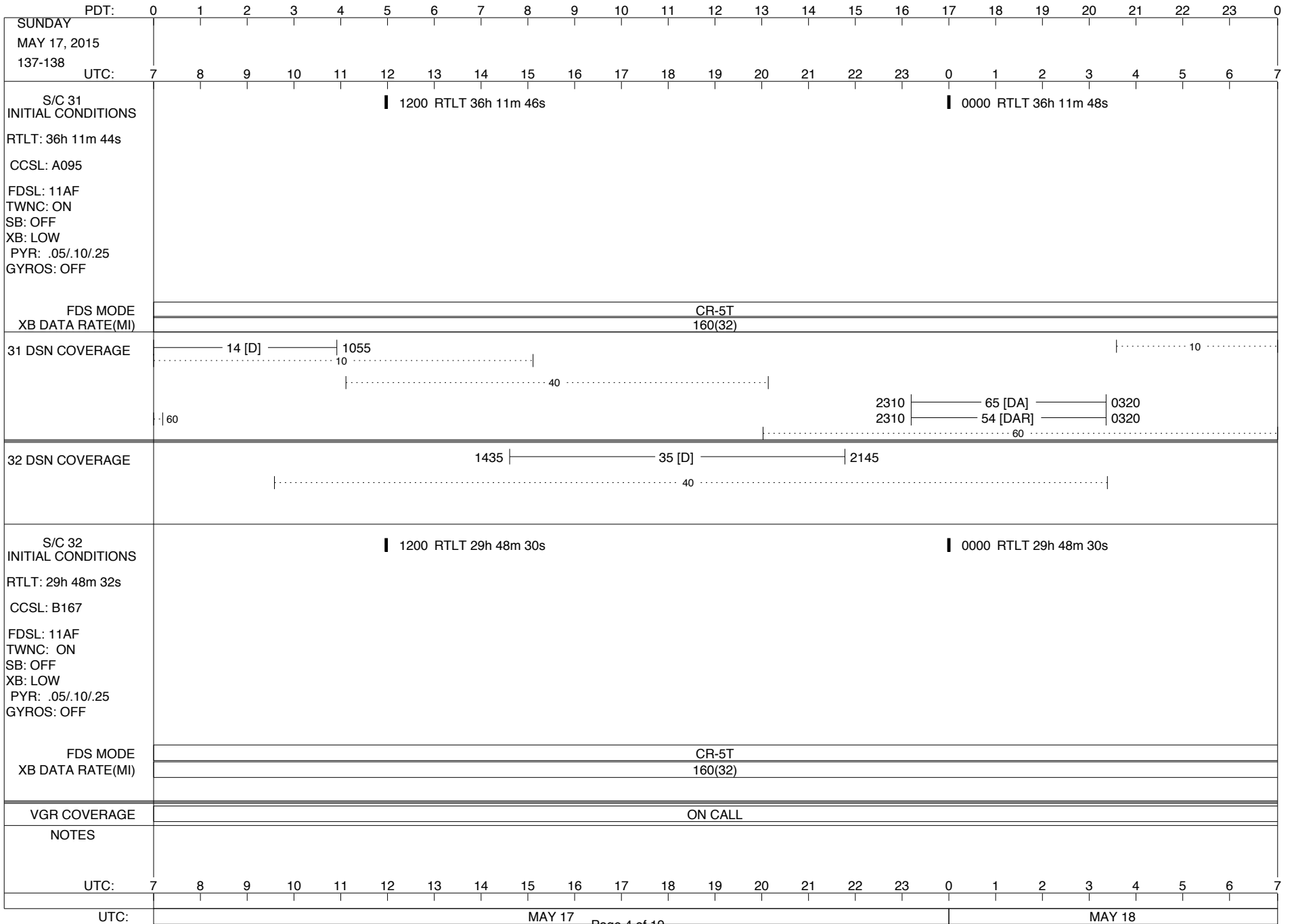
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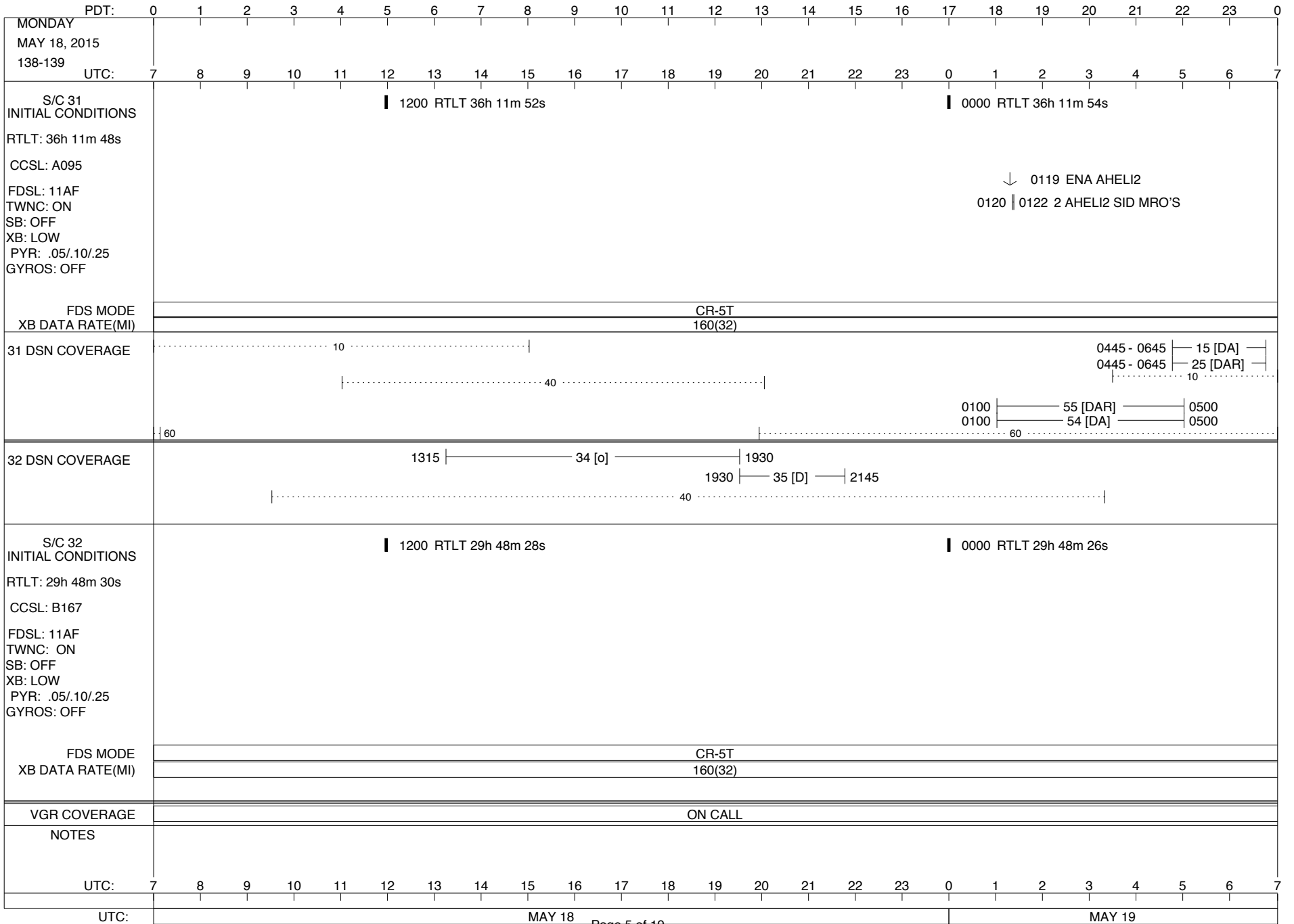
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SATURDAY MAY 16, 2015 136-137																																				
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S/C 31 INITIAL CONDITIONS RTLT: 36h 11m 38s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 11m 42s												0000 RTLT 36h 11m 44s																							
FDS MODE													CR-5T																							
XB DATA RATE(MI)													160(32)																							
31 DSN COVERAGE	0800	----- 14 [D] -----										1200													0340	----- 14 [D] -----										0700
										10										40										60			
										60										60										60			
32 DSN COVERAGE													1345	----- 35 [D] -----										2145												
										40										40										40			
S/C 32 INITIAL CONDITIONS RTLT: 29h 48m 34s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 29h 48m 34s												0000 RTLT 29h 48m 32s																							
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											
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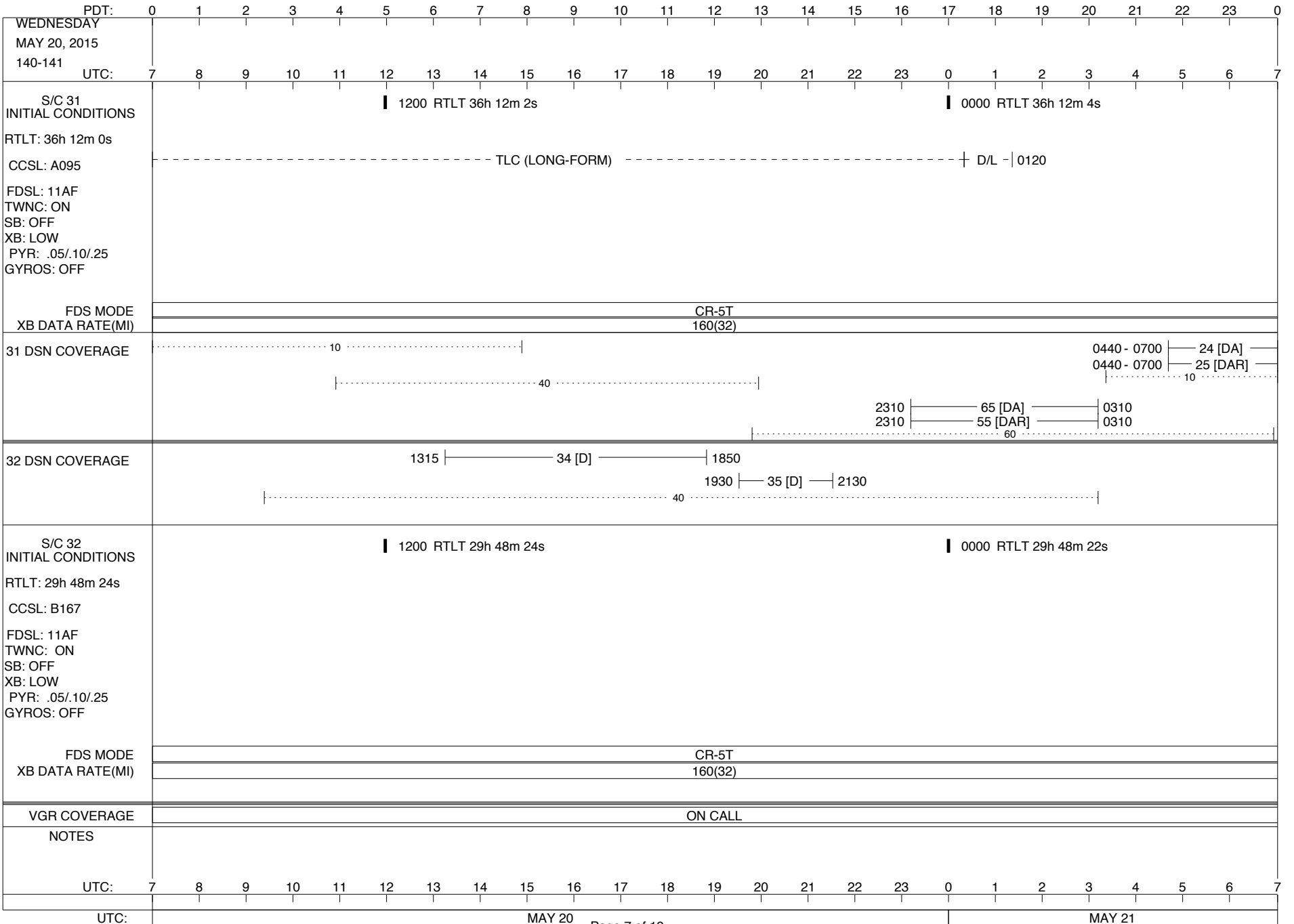
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S/C 31 INITIAL CONDITIONS RTLTL: 36h 11m 54s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 36h 11m 56s												0000 RTLTL 36h 12m 0s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
31 DSN COVERAGE	1100 43 [T] 1350												0050 55 [DA] 0455 0050 65 [DAR] 0605 0455 54 [DA] 0605															
32 DSN COVERAGE	1310 35 [D] 2230																											
S/C 32 INITIAL CONDITIONS RTLTL: 29h 48m 26s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 29h 48m 26s												0000 RTLTL 29h 48m 24s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																											
VGR COVERAGE	ON CALL						VGR						ON CALL															
NOTES	[1] S/C 31=GS-4B @ 1448 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 19														MAY 20													

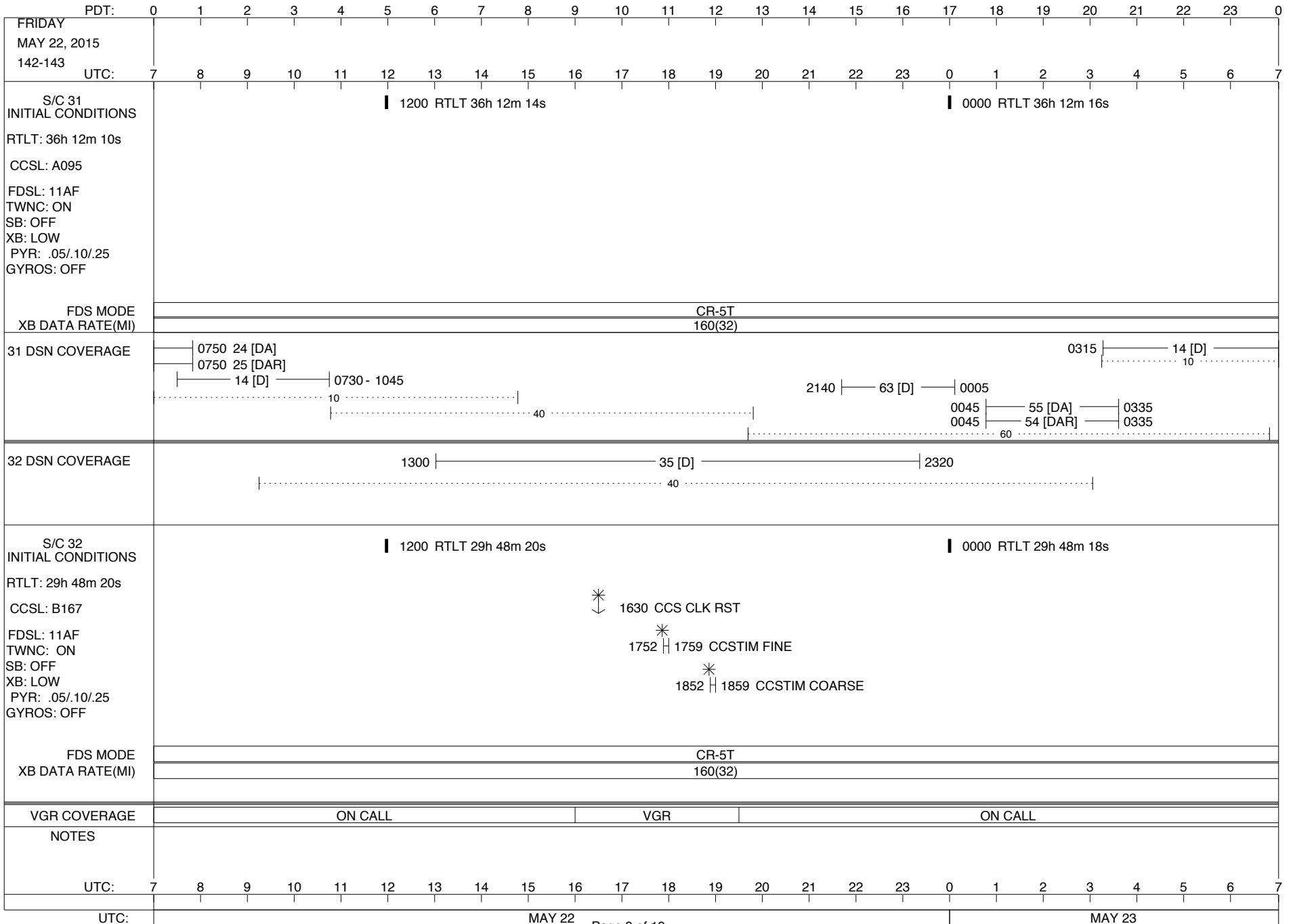
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THURSDAY MAY 21, 2015 141-142	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLT: 36h 12m 4s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 12m 8s												0000 RTLT 36h 12m 10s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
31 DSN COVERAGE	0700 24 [DA] 0700 25 [DAR]												0435 24 [DA] 0435 25 [DAR]															
32 DSN COVERAGE	0935 43 [H] 1300 1305 34 [D] 2145												0055 65 [DAR] 0300 0055 55 [DAR] 0300															
S/C 32 INITIAL CONDITIONS RTLT: 29h 48m 22s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 48m 20s												0000 RTLT 29h 48m 20s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																											
VGR COVERAGE	ON CALL				VGR				ON CALL																			
NOTES	[1] S/C 31=GS-4B @ 2101 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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ISSUE DATE: 05/13/15 10:37

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 23, 2015 143-144	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: 36h 12m 16s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 12m 20s												0000 RTLT 36h 12m 24s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	14 [D] 1115										0310 14 [D] 0600														
	10 40										15 [DA] 0540 - 0700														
	25 [DAR] 0540 - 0700										10														
	1940 63 [D] 0000												60												
32 DSN COVERAGE	1320 35 [D] 2140												2120 45 [D] 2250												
	40																								
S/C 32 INITIAL CONDITIONS RTLTL: 29h 48m 18s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 29h 48m 18s												0000 RTLT 29h 48m 16s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0001 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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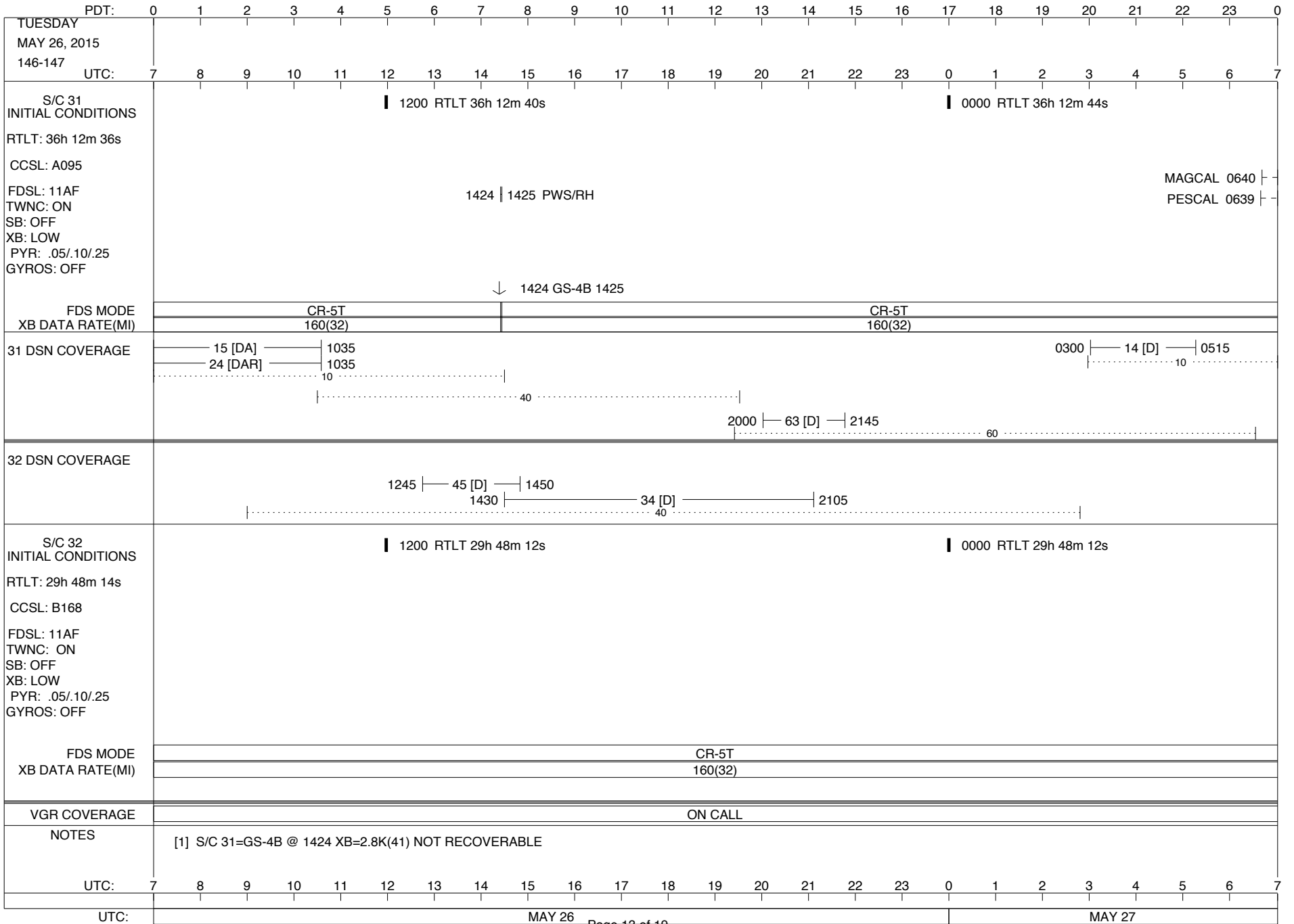
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S/C 31 INITIAL CONDITIONS RTLTL: 36h 12m 24s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 12m 26s												0000 RTLT 36h 12m 30s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	0700 15 [DA] 0700 25 [DAR]												0305 14 [D] 0515												
	1410 35 [DAR] 1810 1410 34 [DAR] 1810												2035 63 [D] 0305												
32 DSN COVERAGE	1430 45 [D] 2130																								
S/C 32 INITIAL CONDITIONS RTLTL: 29h 48m 16s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 29h 48m 16s												0000 RTLT 29h 48m 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:	MAY 24												MAY 25												

ISSUE DATE: 05/13/15 10:37

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
MONDAY MAY 25, 2015 145-146																									
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: 36h 12m 30s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 36h 12m 34s												0000 RTLTL 36h 12m 36s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE 10 1105 43 [D] 1315 40										1945 63 [D] 2200 60										0550 15 [DA] 24 [DAR] 0550 10				
32 DSN COVERAGE	1250 45 [D] 1725 40												1715 43 [D] 2050 40												
S/C 32 INITIAL CONDITIONS RTLTL: 29h 48m 14s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF													↓ 0031 BEGIN SEQUENCE B168												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	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
UTC:	MAY 25												MAY 26												

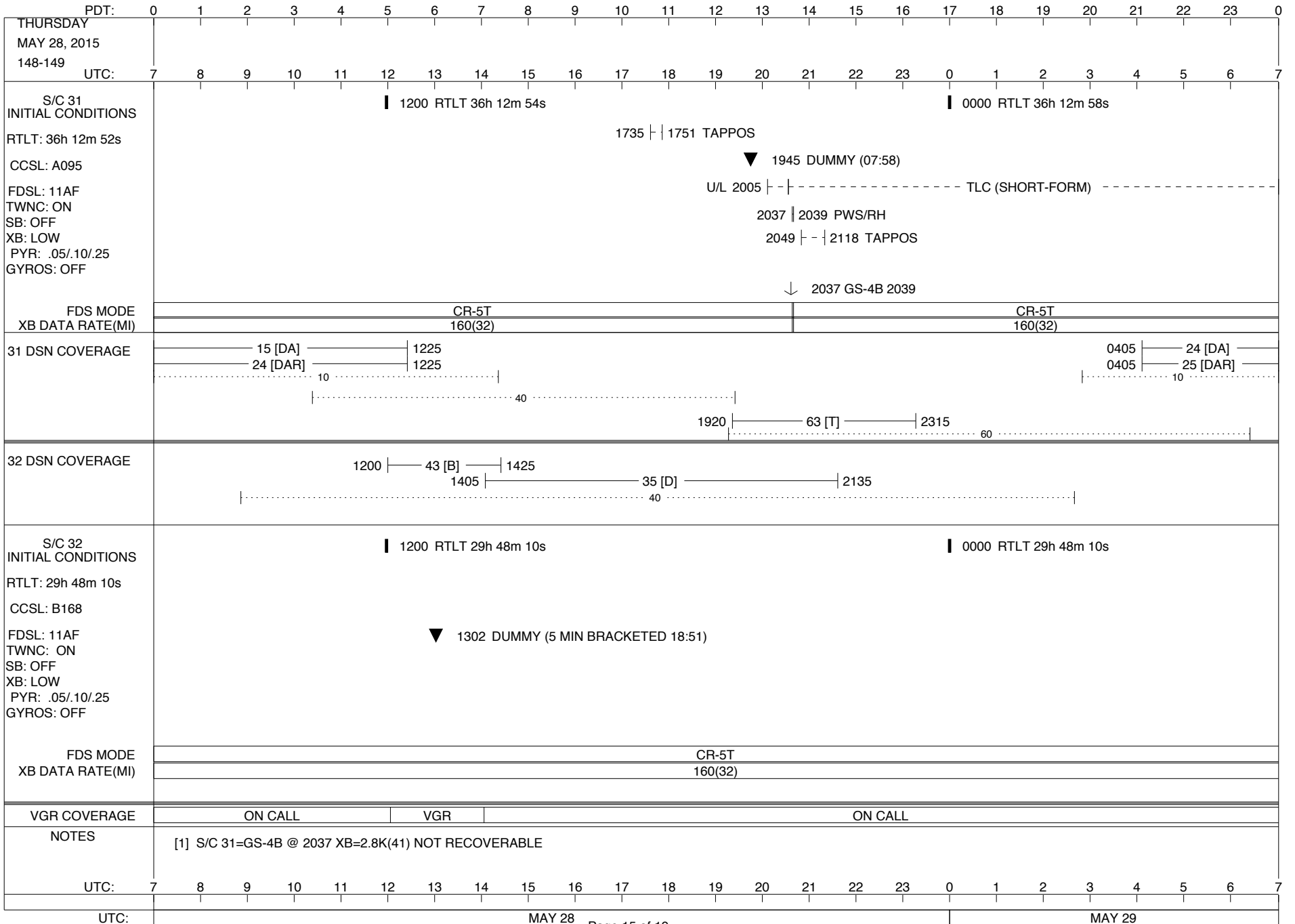
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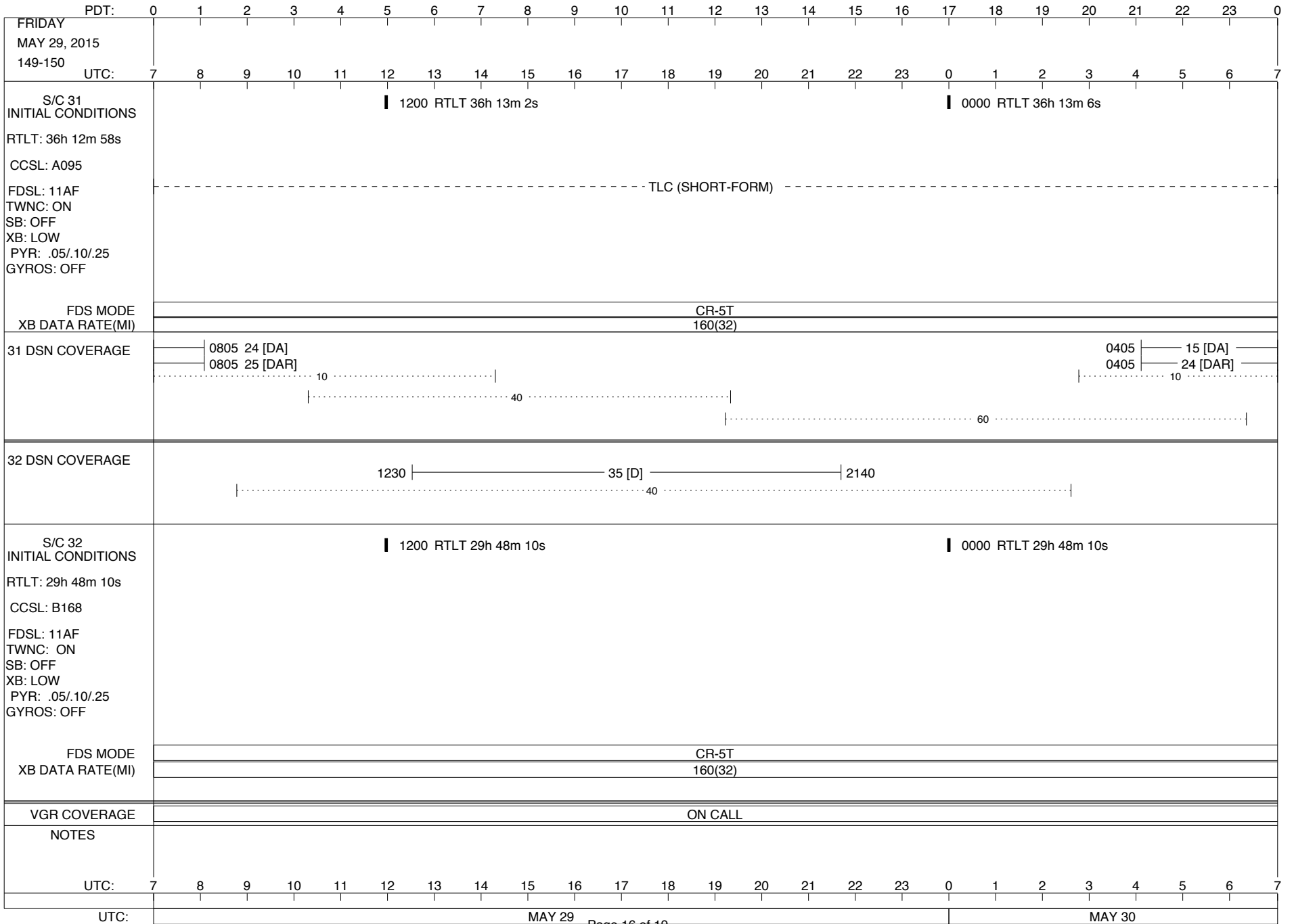
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WEDNESDAY MAY 27, 2015 147-148	
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7	
S/C 31 INITIAL CONDITIONS RTLT: 36h 12m 44s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p>1200 RTLT 36h 12m 48s</p> <p>0000 RTLT 36h 12m 52s</p> <p>--- MAGCAL --- 0942</p> <p>--- PESCAL --- 0959</p>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
31 DSN COVERAGE	<p>15 [DA] 0655</p> <p>24 [DA] 0655</p> <p>10</p> <p>1155 35 [DAR] 1755</p> <p>1155 34 [D] 1755</p> <p>40</p> <p>60</p>
32 DSN COVERAGE	<p>1405 45 [D] 1900</p> <p>1900 43 [D] 2140</p> <p>40</p>
S/C 32 INITIAL CONDITIONS RTLT: 29h 48m 12s CCSL: B168 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p>1200 RTLT 29h 48m 12s</p> <p>0000 RTLT 29h 48m 10s</p>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
VGR COVERAGE	ON CALL
NOTES	
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UTC: MAY 27 MAY 28	

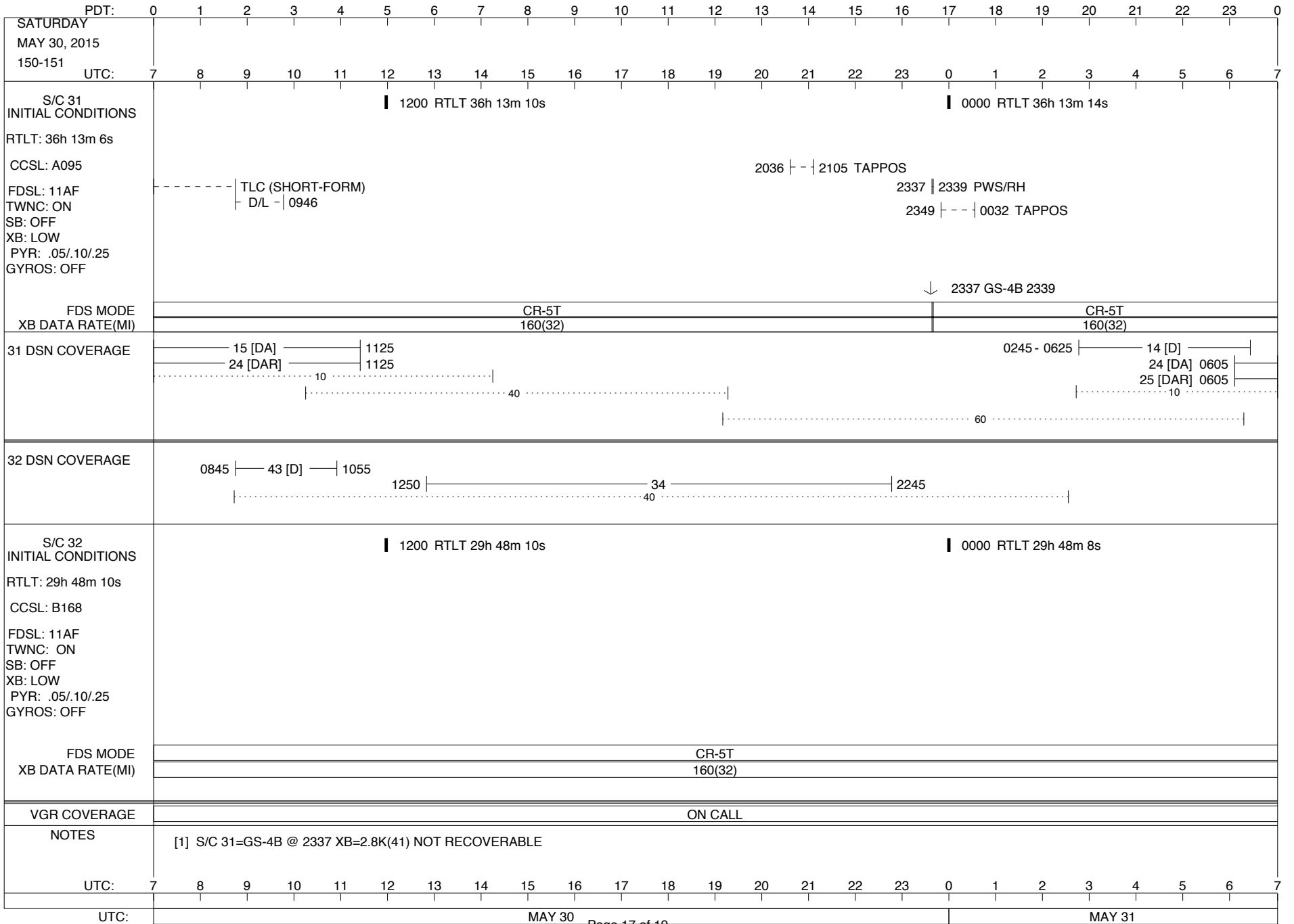
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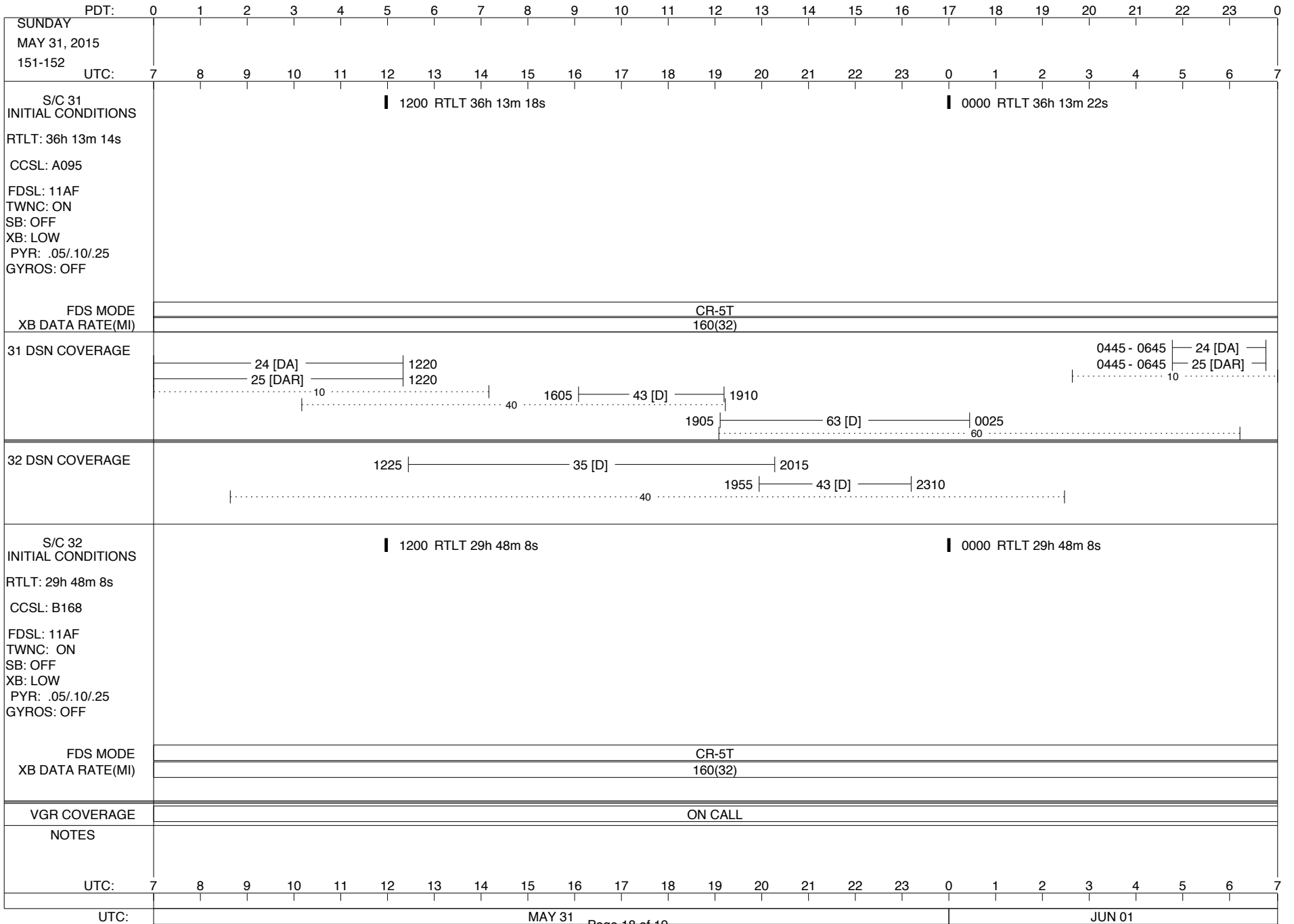
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S/C 31 INITIAL CONDITIONS RTLT: 36h 13m 22s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 36h 13m 26s</p> <p>↓ 2023 GYROS BC ON ↓ 2023 GYRO INIT ↓ 2033 GYRO FAULT TEST</p> </div>																								
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	<div style="text-align: center;"> <p>..... 10</p> <p>..... 40</p> <p>1900 ----- 63 [D] ----- 2240</p> </div>																								
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 29h 48m 8s CCSL: B168 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 29h 48m 8s</p> </div>																								
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 01												JUN 02												