

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: May 6, 2009

For the Period: 05/07/09 to 06/01/09 (09-127- 09-152)

DSN OPSCHIEF (1) 230-102

SCIENCE

FLIGHT TEAM (15) 600-100

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- Howard, S. (3)
- Ludwig, R. (2)
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- Matsumoto, S.
- Medina, E.
- Peralta, F.
- Poynter, R.
- Weeks, T.
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- 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 = 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

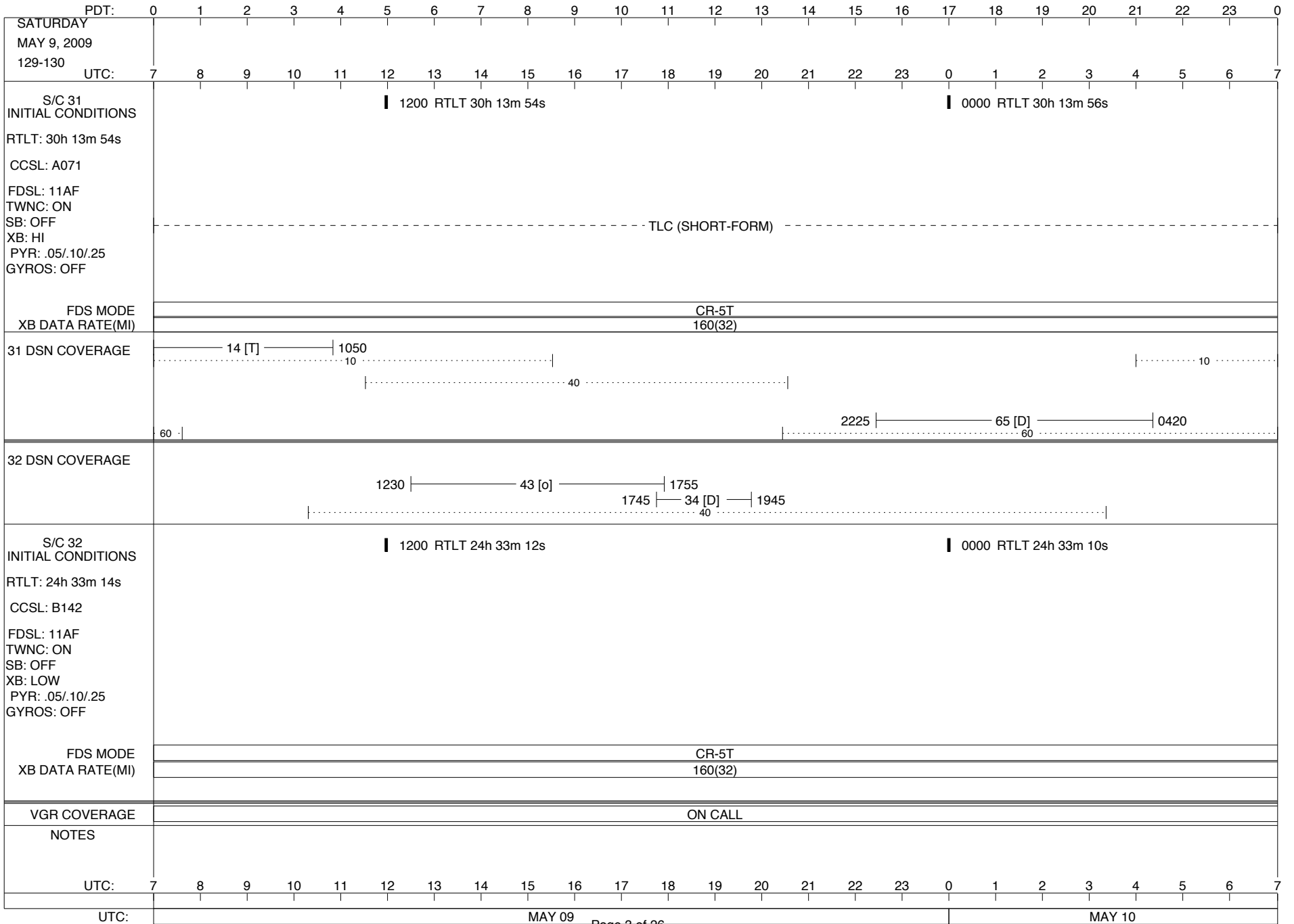
*Electronic Copy Only
(17 – Dist/N: Paper Copies)
04/02/09

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THURSDAY MAY 7, 2009 127-128																													
S/C 31 INITIAL CONDITIONS RTLT: 30h 13m 46s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 30h 13m 48s												0000 RTLT 30h 13m 50s																
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)																
31 DSN COVERAGE	15 [D] 0700 - 1135 1130 14 1445 10 40 60												0510 14 [D] 10 2350 65 [D] 0340 60																
32 DSN COVERAGE	1015 43 [D] 1340 1630 45 [D] 1835 40																												
S/C 32 INITIAL CONDITIONS RTLT: 24h 33m 22s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 24h 33m 20s												0000 RTLT 24h 33m 18s																
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)																
VGR COVERAGE	ON CALL												VGR												ON CALL				VGR
NOTES	[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0643-1252)																												
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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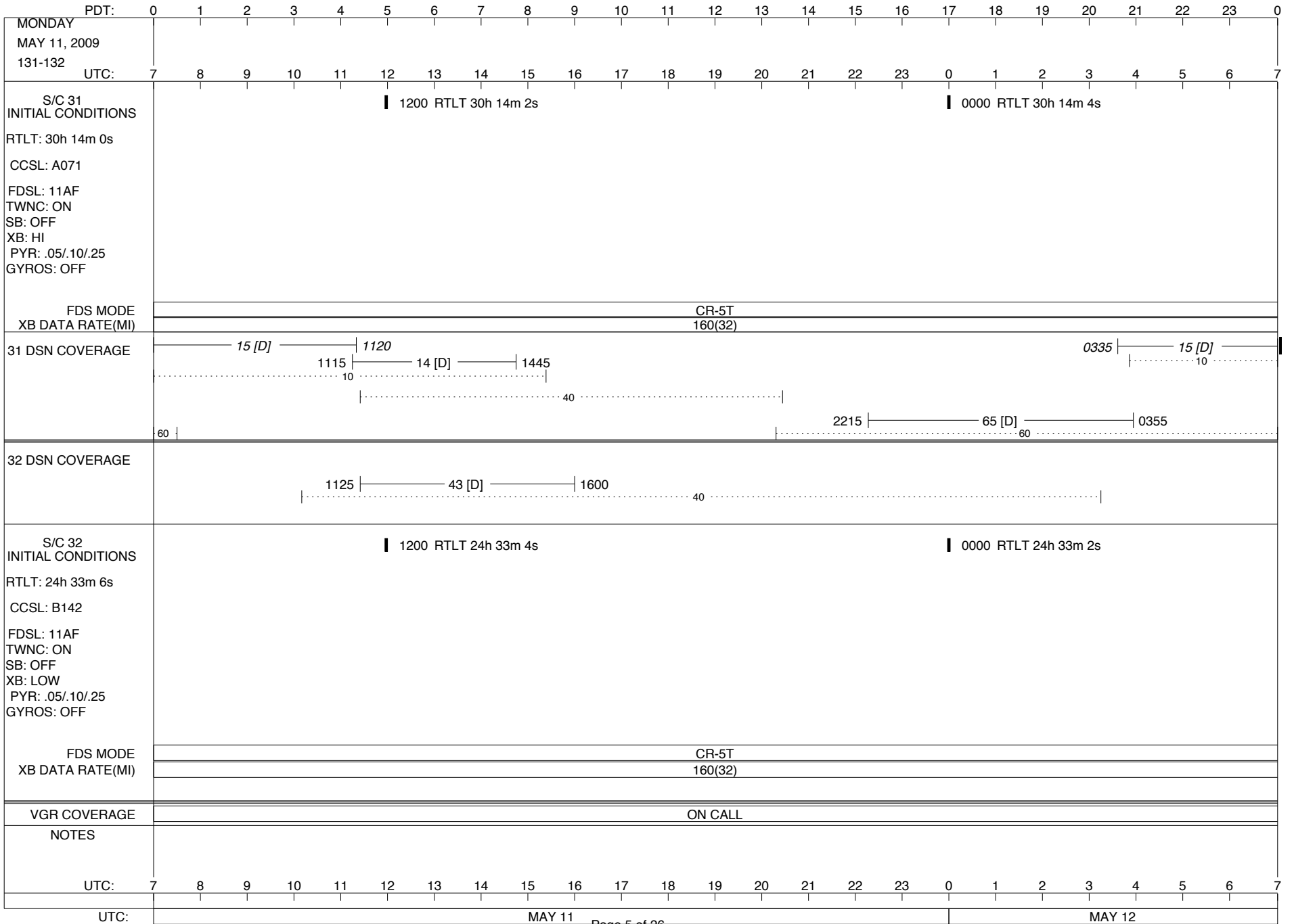
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S/C 31 INITIAL CONDITIONS RTLTL: 30h 13m 50s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 30h 13m 52s												0000 RTLT 30h 13m 54s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	14 [D] 1345												0345 14 [T]												
32 DSN COVERAGE	1330 43 [D] 1720												1710 45 [D] 2100												
S/C 32 INITIAL CONDITIONS RTLTL: 24h 33m 18s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 24h 33m 16s												0000 RTLT 24h 33m 14s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 2149 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 08												MAY 09												



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SUNDAY MAY 10, 2009 130-131	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: 30h 13m 56s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	1200 RTLTL 30h 13m 58s												0000 RTLTL 30h 14m 0s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	0900 ----- 15 [D] ----- 1540 ----- 10 ----- ----- 40 -----												0335 ----- 15 [D] ----- ----- 10 -----													
	60 ----- 2005 ----- 65 [D] ----- 0050 ----- 60 -----																									
32 DSN COVERAGE	1145 ----- 43 [o] ----- 1720 ----- 40 -----																									
S/C 32 INITIAL CONDITIONS RTLTL: 24h 33m 10s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 24h 33m 8s												0000 RTLTL 24h 33m 6s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
VGR COVERAGE													ON CALL													
NOTES																										
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UTC:	MAY 10														MAY 11											



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S/C 31 INITIAL CONDITIONS RTLTL: 30h 14m 4s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 14m 6s												0000 RTLT 30h 14m 8s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
31 DSN COVERAGE	15 [D] 1030 ----- ----- 40 -----												2215 65 [D] 0535 ----- 60 ----- 10															
32 DSN COVERAGE	1045 43 [H] 1720 ----- 40 -----																											
S/C 32 INITIAL CONDITIONS RTLTL: 24h 33m 2s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 33m 0s												0000 RTLT 24h 32m 58s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																											
VGR COVERAGE	ON CALL				VGR				ON CALL																			
NOTES	[1] S/C 31=GS-4B @ 1525 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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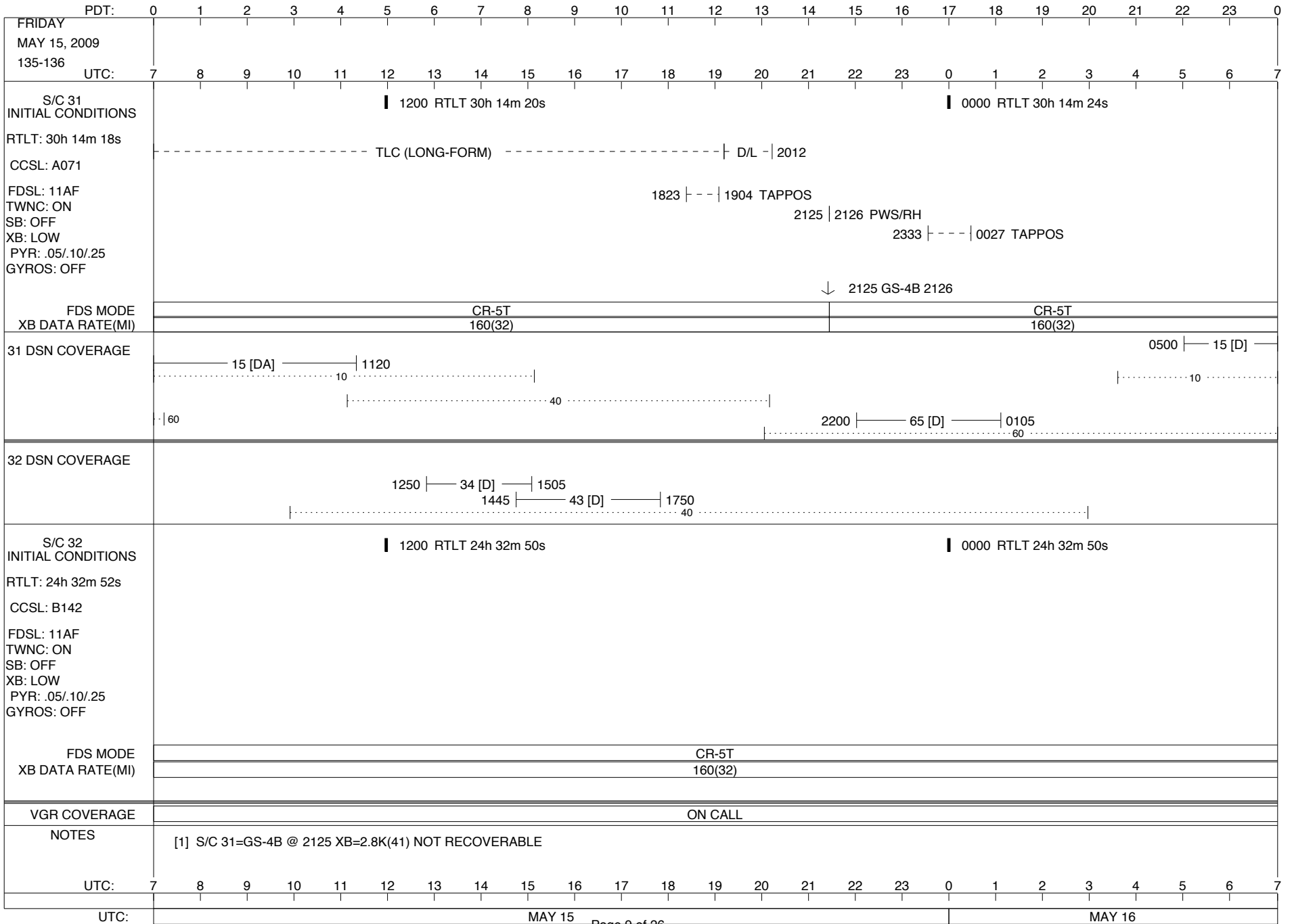
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WEDNESDAY MAY 13, 2009 133-134																									
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S/C 31 INITIAL CONDITIONS RTLTL: 30h 14m 8s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	1200 RTLTL 30h 14m 12s												0000 RTLTL 30h 14m 14s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	15 [D] 1215												0325 15 [D]												
	10												10												
	40												2210 54 [D] 0345												
	60												60												
32 DSN COVERAGE	1015 43 [D] 1725																								
	40																								
S/C 32 INITIAL CONDITIONS RTLTL: 24h 32m 58s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 24h 32m 58s												0000 RTLTL 24h 32m 56s												
	B144 CHKSUM 1402 1406																								
	ECR 108398 CLT=6 WEEKS - CCSA SID MRO 1429																								
	CCSB SID MRO 1434												1519 1529 CCS CLK CAL (COARSE)												
	EL-40 1337												1529 1539 CCS CLK CAL (FINE)												
	1437 CR-5T																								
FDS MODE	CR-5T						EL-40						CR-5T												
XB DATA RATE(MI)	160(32)						40(30)						160(32)												
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	[1] S/C 32=EL-40 XB=40(30) @ 1337 [2] S/C 32=CR-5T XB=160(32) @ 1437																								
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UTC:	MAY 13												MAY 14												

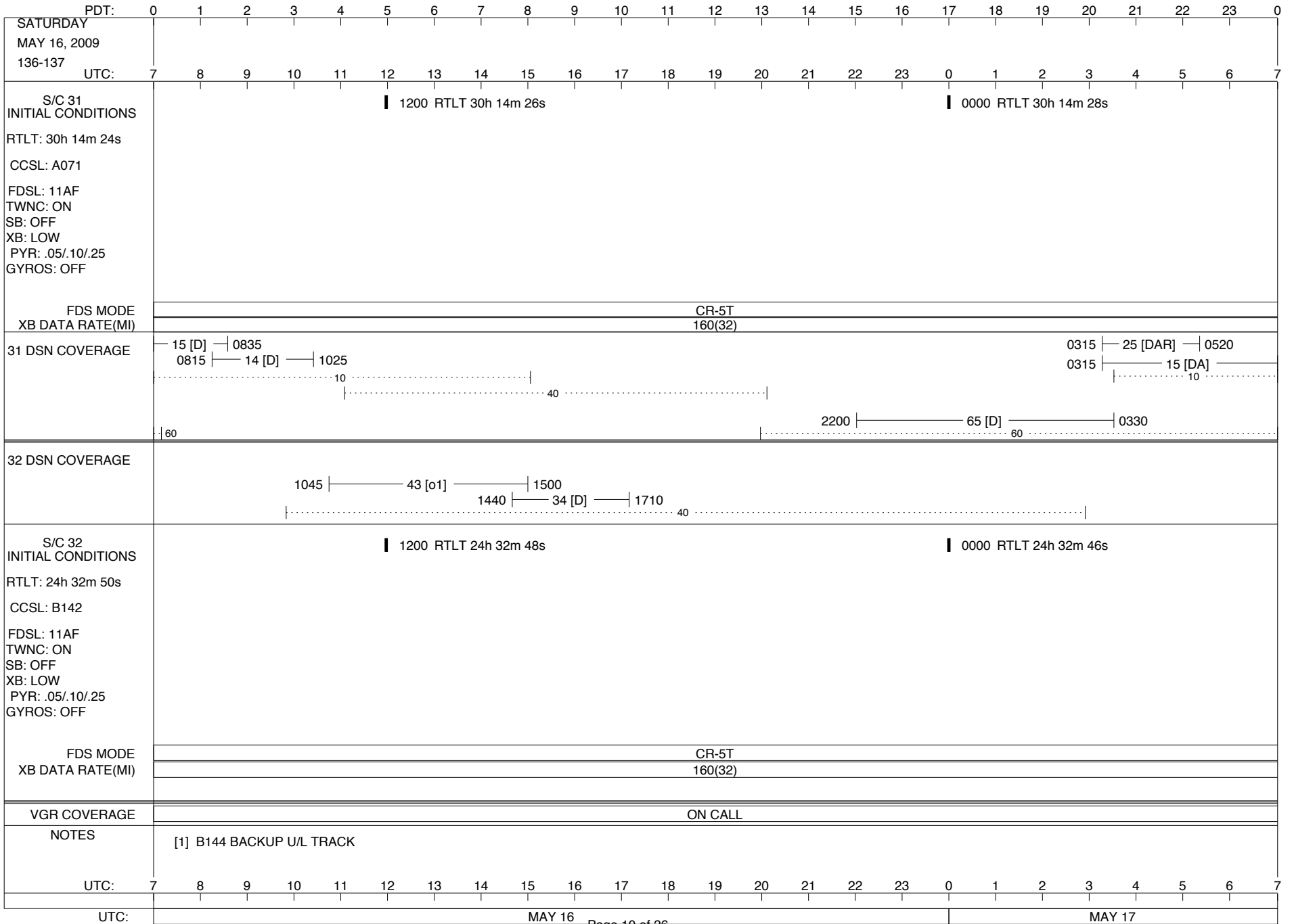
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S/C 31 INITIAL CONDITIONS RTLTL: 30h 14m 14s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF							1200																				0000		
FDS MODE XB DATA RATE(MI)																													
31 DSN COVERAGE			0730	15 [D]			14 [T]						0725 - 1445														0330	24 [DAR]	0530
																												0330	15 [DA]
32 DSN COVERAGE							1200						45 [D]																
S/C 32 INITIAL CONDITIONS RTLTL: 24h 32m 56s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF							1200																						0000
FDS MODE XB DATA RATE(MI)																													
VGR COVERAGE																													
NOTES																													
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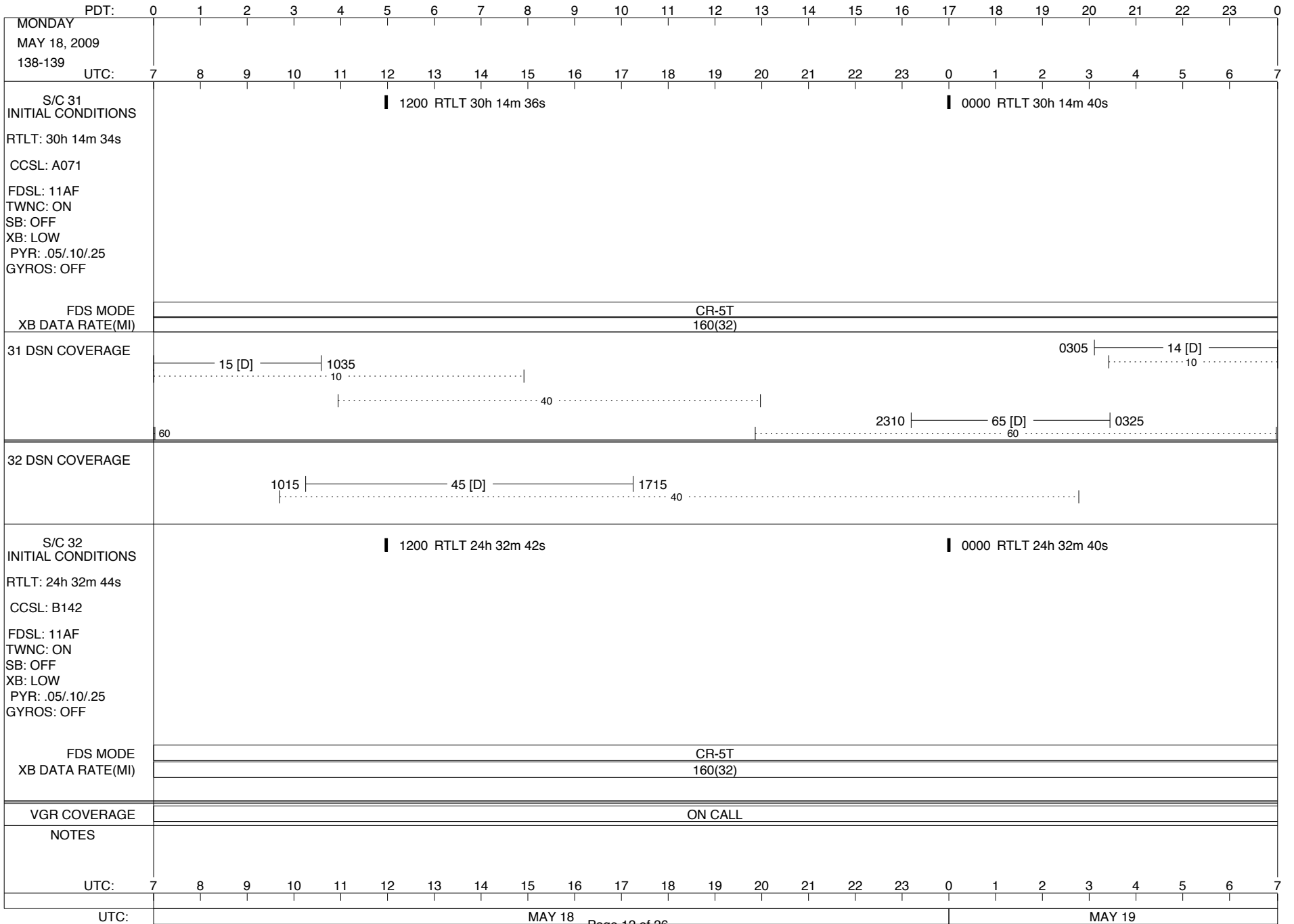


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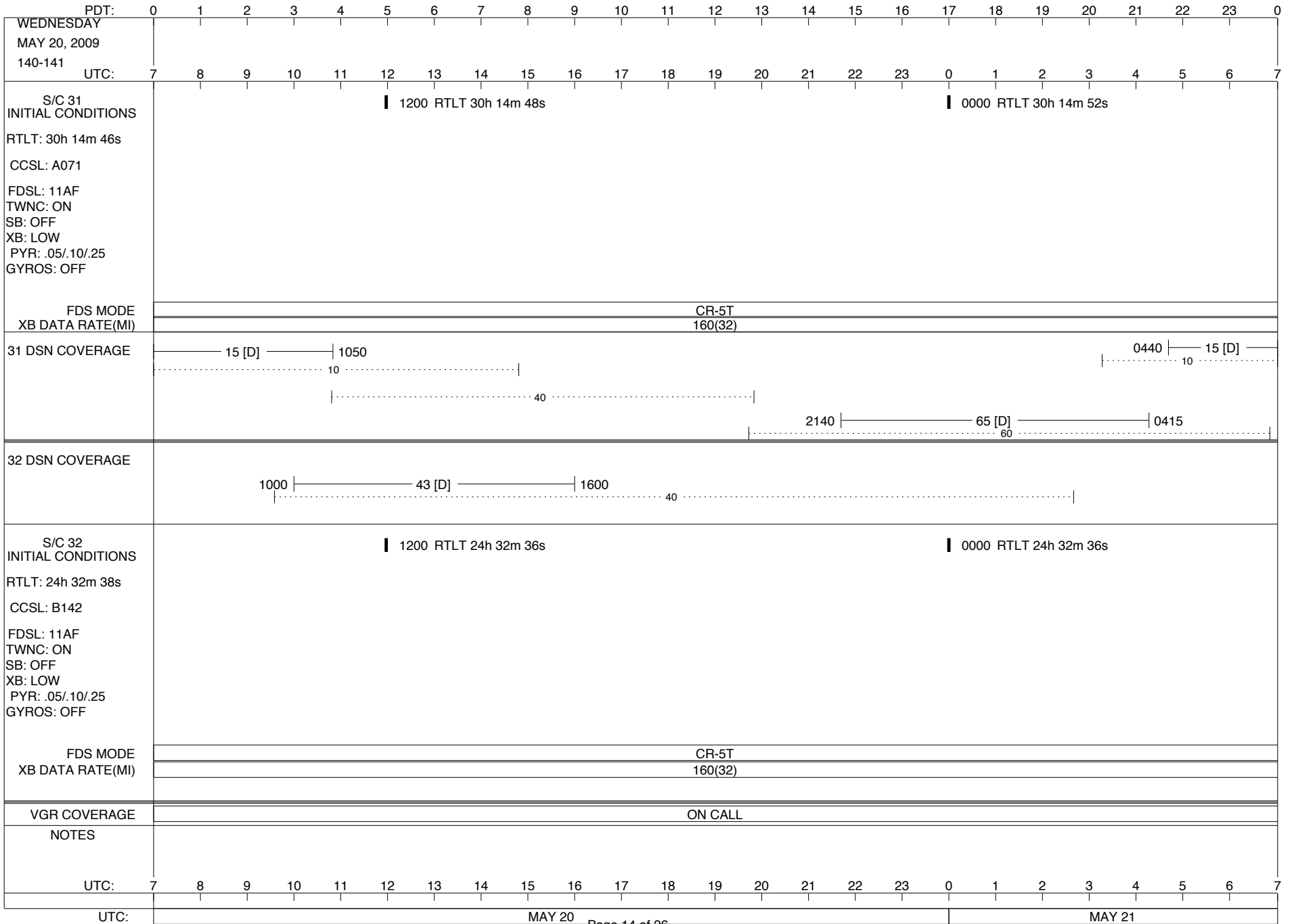
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S/C 31 INITIAL CONDITIONS RTLT: 30h 14m 28s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 14m 30s												0000 RTLT 30h 14m 34s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	15 [DA] 10 1330 40												0310 24 [DAR] 0515 0310 15 [D] 10													
	60												2155 65 [D] 0210 60													
32 DSN COVERAGE	1020 45 [D] 1550												1930 45 [D] 0210 40													
S/C 32 INITIAL CONDITIONS RTLT: 24h 32m 46s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 32m 44s												0000 RTLT 24h 32m 44s													
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 17												MAY 18													

ISSUE DATE: 05/12/09 16:15



		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																													
MAY 19, 2009																													
139-140		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: 30h 14m 40s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		<div style="display: flex; justify-content: space-between;"> █ 1200 RTLT 30h 14m 42s █ 0000 RTLT 30h 14m 46s </div> <p style="text-align: center;">1501 █ 1502 PWS/RH</p> <p style="text-align: center;">↓ 1501 GS-4B 1502</p>																											
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)														CR-5T 160(32)													
31 DSN COVERAGE		<div style="display: flex; justify-content: space-between;"> 14 [D] 1045 0500 15 [D] </div> <hr style="border-top: 1px dashed black;"/> <div style="display: flex; justify-content: space-between;"> 10 40 60 </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> 2150 65 [D] 0520 </div>																											
32 DSN COVERAGE		<div style="display: flex; justify-content: space-between;"> 1035 43 [D] 1515 </div> <hr style="border-top: 1px dashed black;"/> <div style="display: flex; justify-content: space-between;"> 1535 34 [D] 1845 </div> <hr style="border-top: 1px dashed black;"/> <div style="display: flex; justify-content: space-between;"> 40 </div>																											
S/C 32 INITIAL CONDITIONS RTLT: 24h 32m 40s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		<div style="display: flex; justify-content: space-between;"> █ 1200 RTLT 24h 32m 40s █ 0000 RTLT 24h 32m 38s </div>																											
FDS MODE XB DATA RATE(MI)																CR-5T 160(32)													
VGR COVERAGE		ON CALL																											
NOTES		[1] S/C 31=GS-4B @ 1501 XB=2.8K(41) NOT RECOVERABLE																											
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		UTC:	MAY 19														MAY 20												

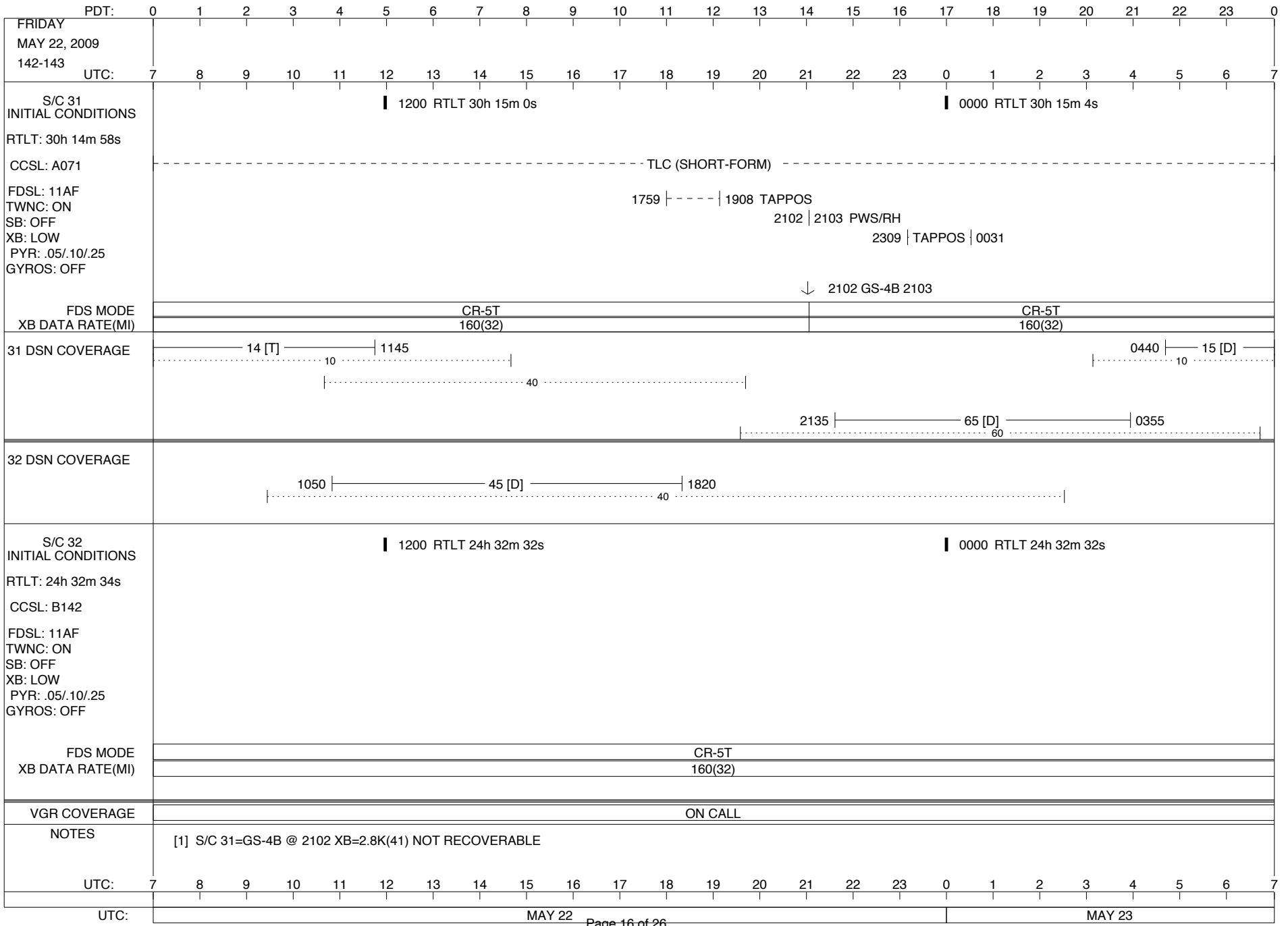
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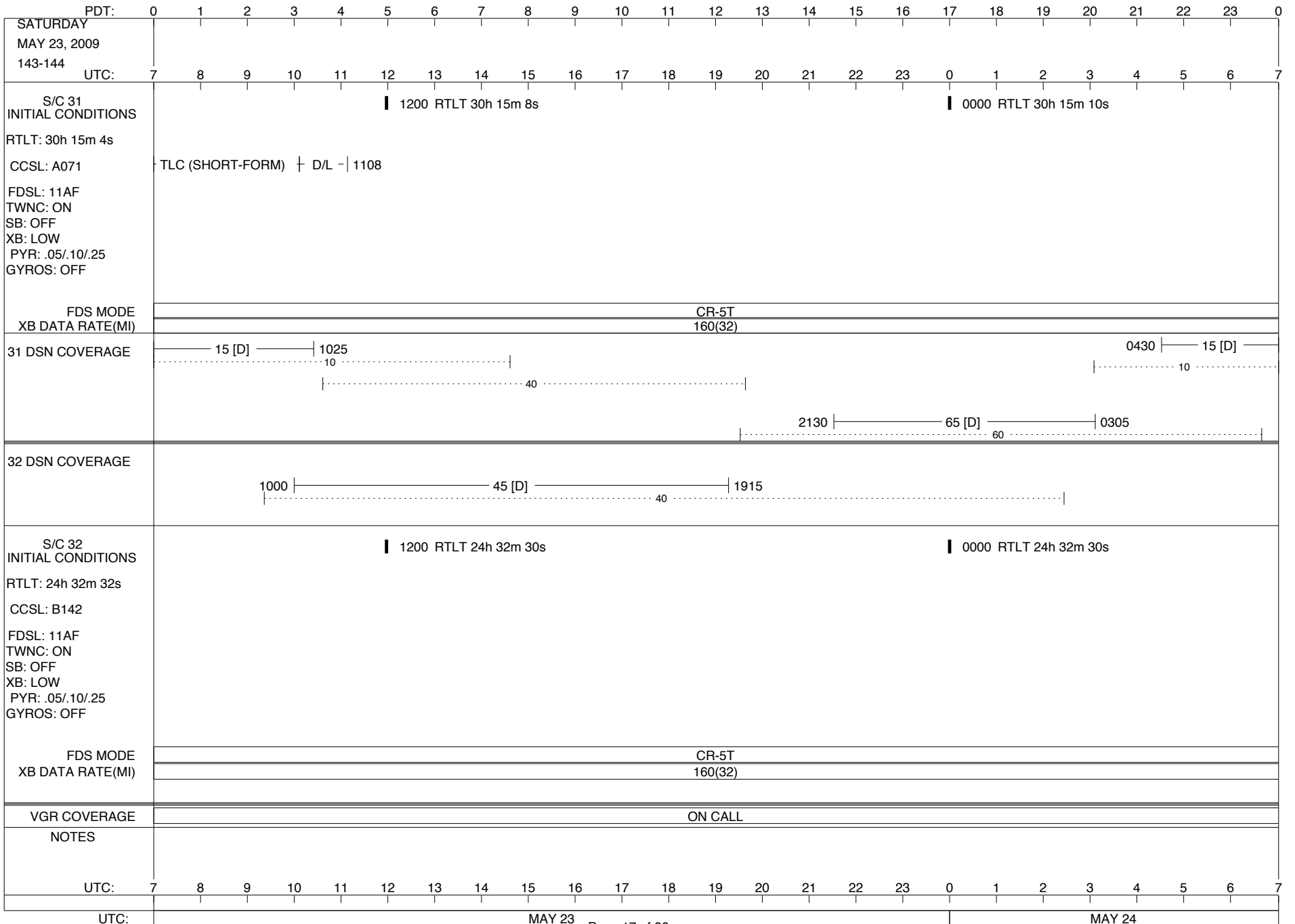


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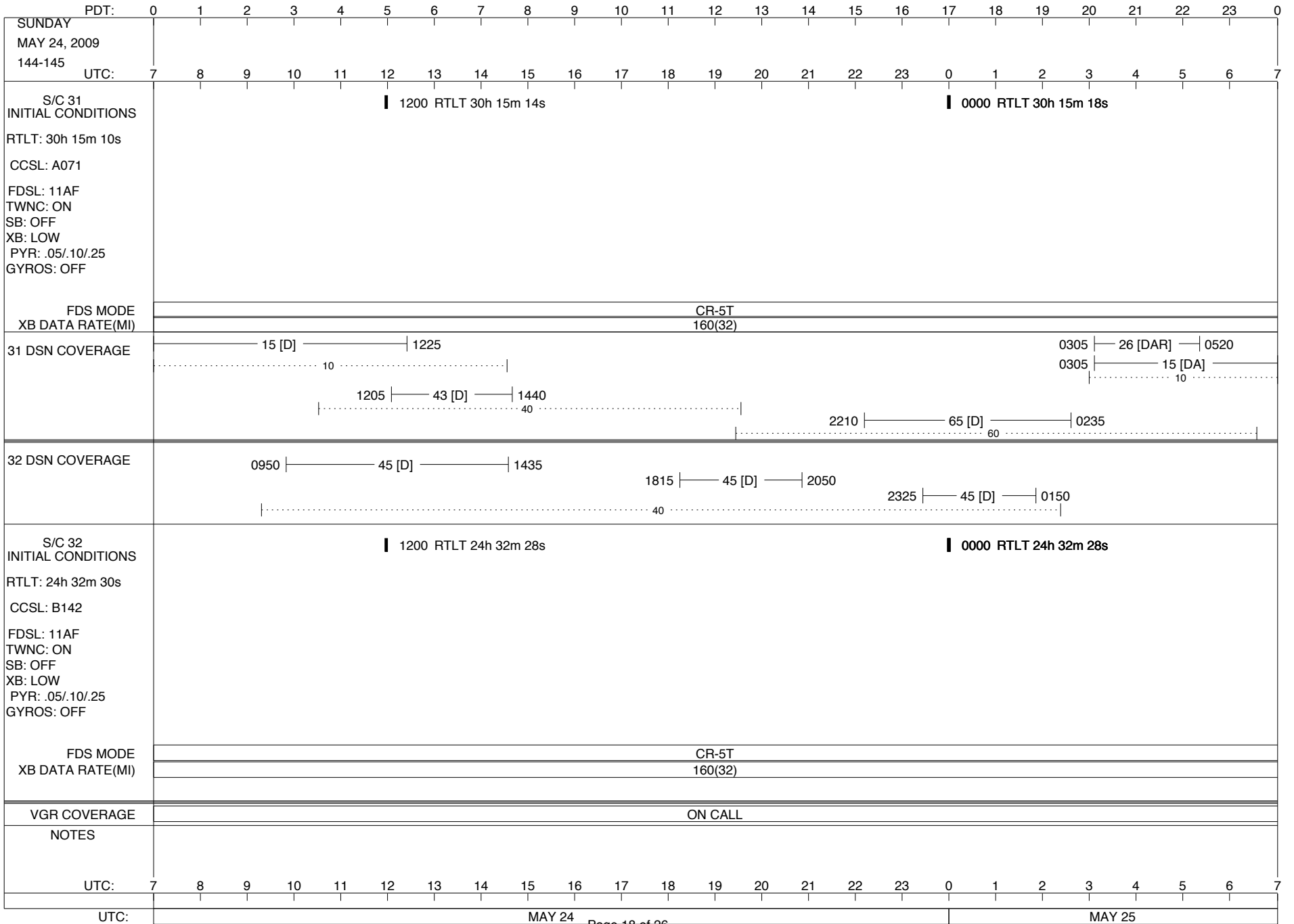
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S/C 31 INITIAL CONDITIONS RTLT: 30h 14m 52s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 30h 14m 54s												█ 0000 RTLT 30h 14m 58s							
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 24h 32m 36s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 24h 32m 34s												█ 0000 RTLT 24h 32m 34s							
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
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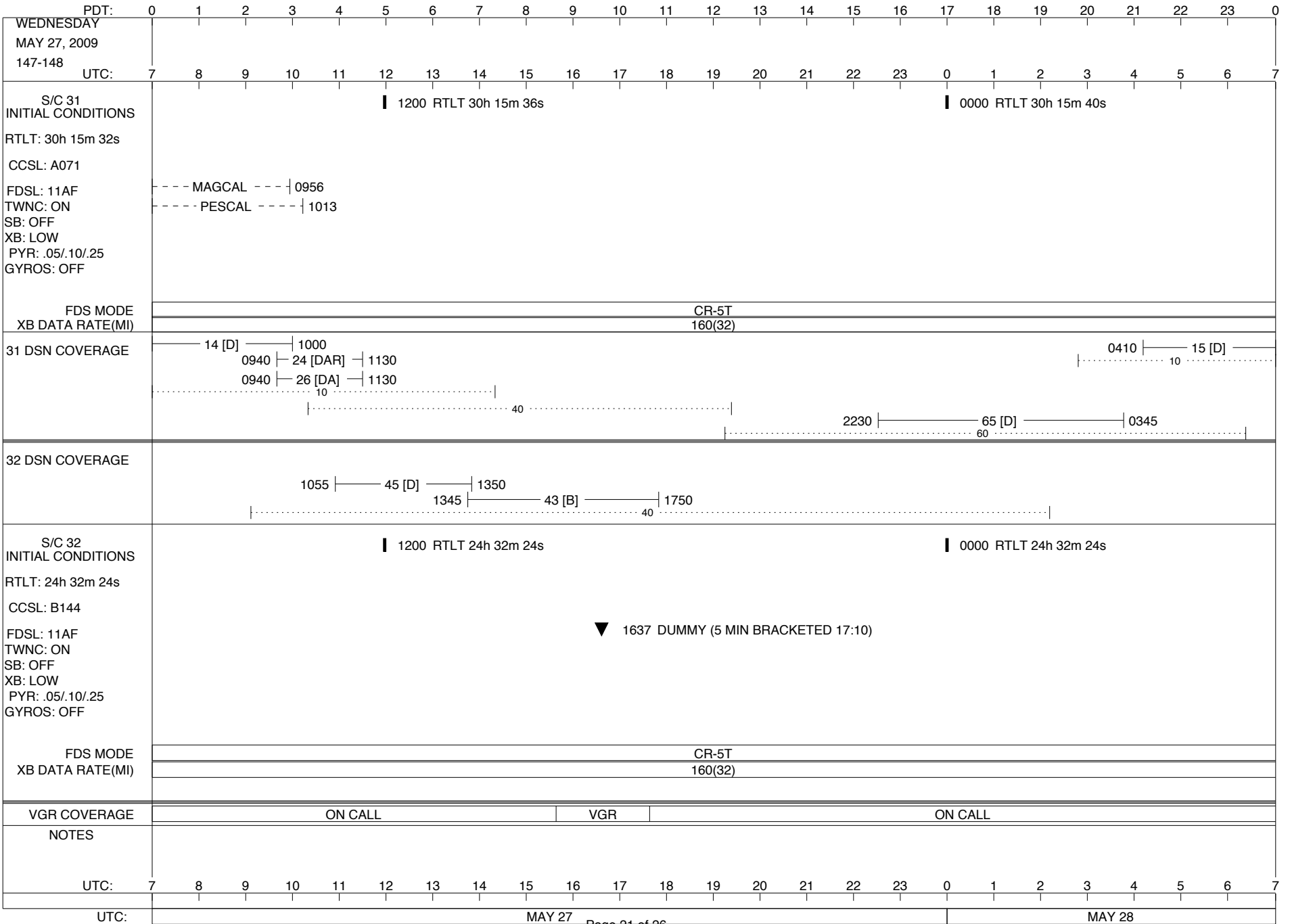


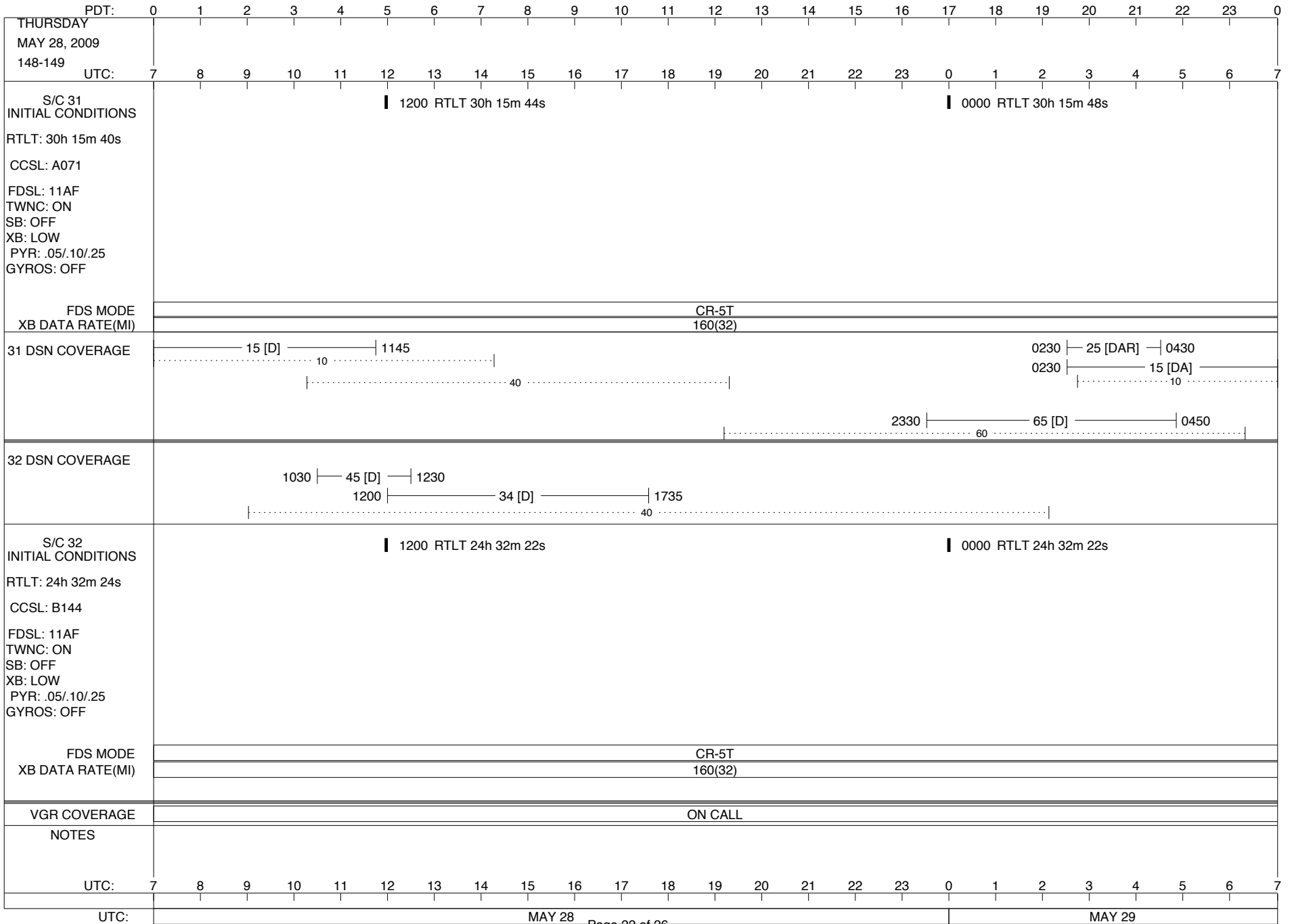
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MONDAY MAY 25, 2009 145-146																										
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S/C 31 INITIAL CONDITIONS RTLT: 30h 15m 18s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 30h 15m 22s												0000 RTLT 30h 15m 26s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	15 [DA] 1035 40												0235 14 [D] 10													
32 DSN COVERAGE	1015 45 [D] 1350 1330 43 [D] 1715 40																									
S/C 32 INITIAL CONDITIONS RTLT: 24h 32m 28s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 24h 32m 26s												0000 RTLT 24h 32m 26s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
VGR COVERAGE													ON CALL													
NOTES	JPL HOLIDAY!																									
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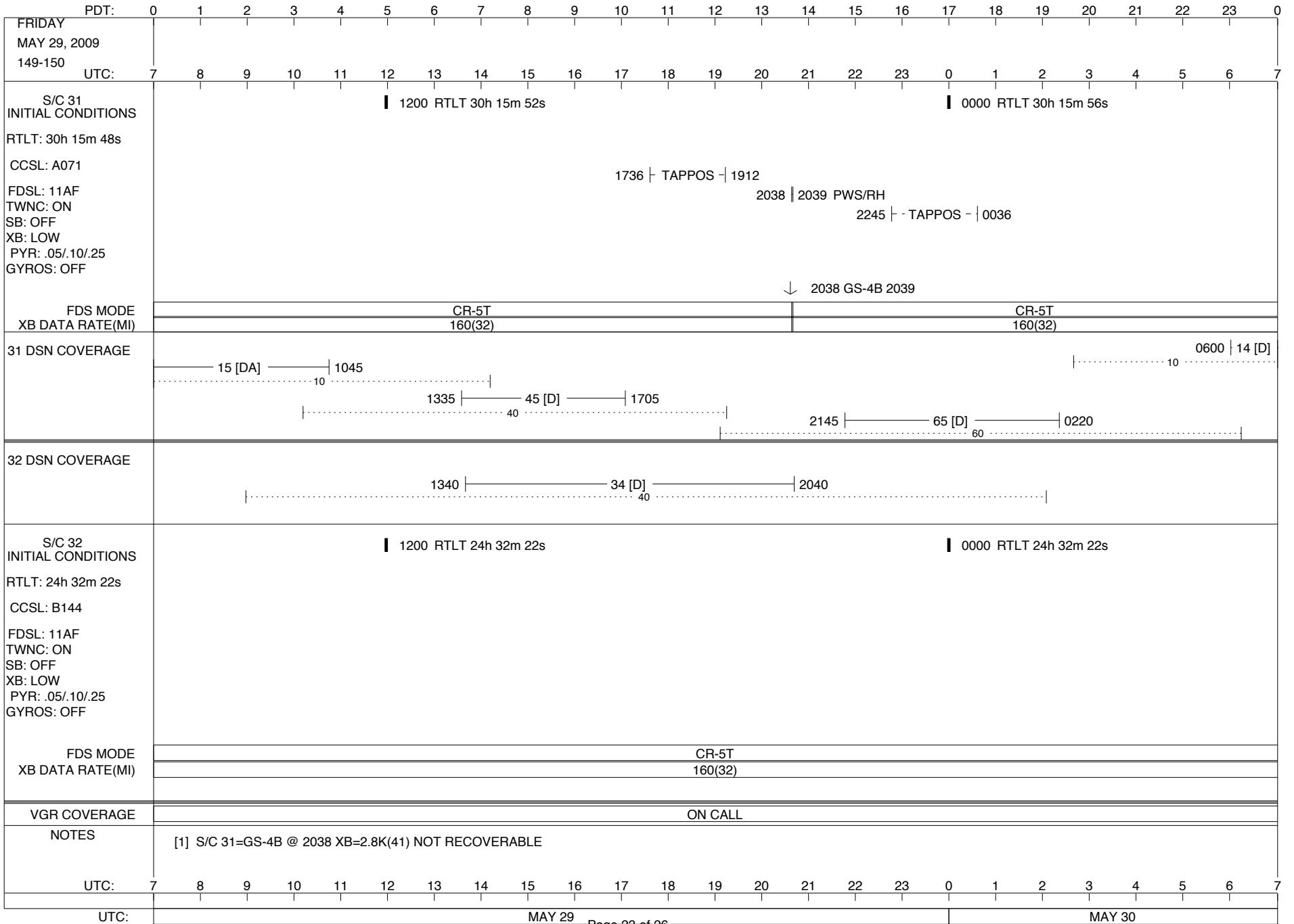
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TUESDAY MAY 26, 2009 146-147																												
S/C 31 INITIAL CONDITIONS RTLTL: 30h 15m 26s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 15m 28s												0000 RTLT 30h 15m 32s															
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
31 DSN COVERAGE	<p>14 [D] 0805 0505 14 [D] </p> <p>0745 15 [D] 1020</p> <p>1110 43 1455</p> <p>2115 65 [D] 0240</p>																											
32 DSN COVERAGE	<p>1235 45 [D] 1455</p> <p>1830 45 [D] 2145</p>																											
S/C 32 INITIAL CONDITIONS RTLTL: 24h 32m 26s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 32m 26s												0000 RTLT 24h 32m 24s															
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 @ 1438 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 26														MAY 27													

ISSUE DATE: 05/12/09 16:15

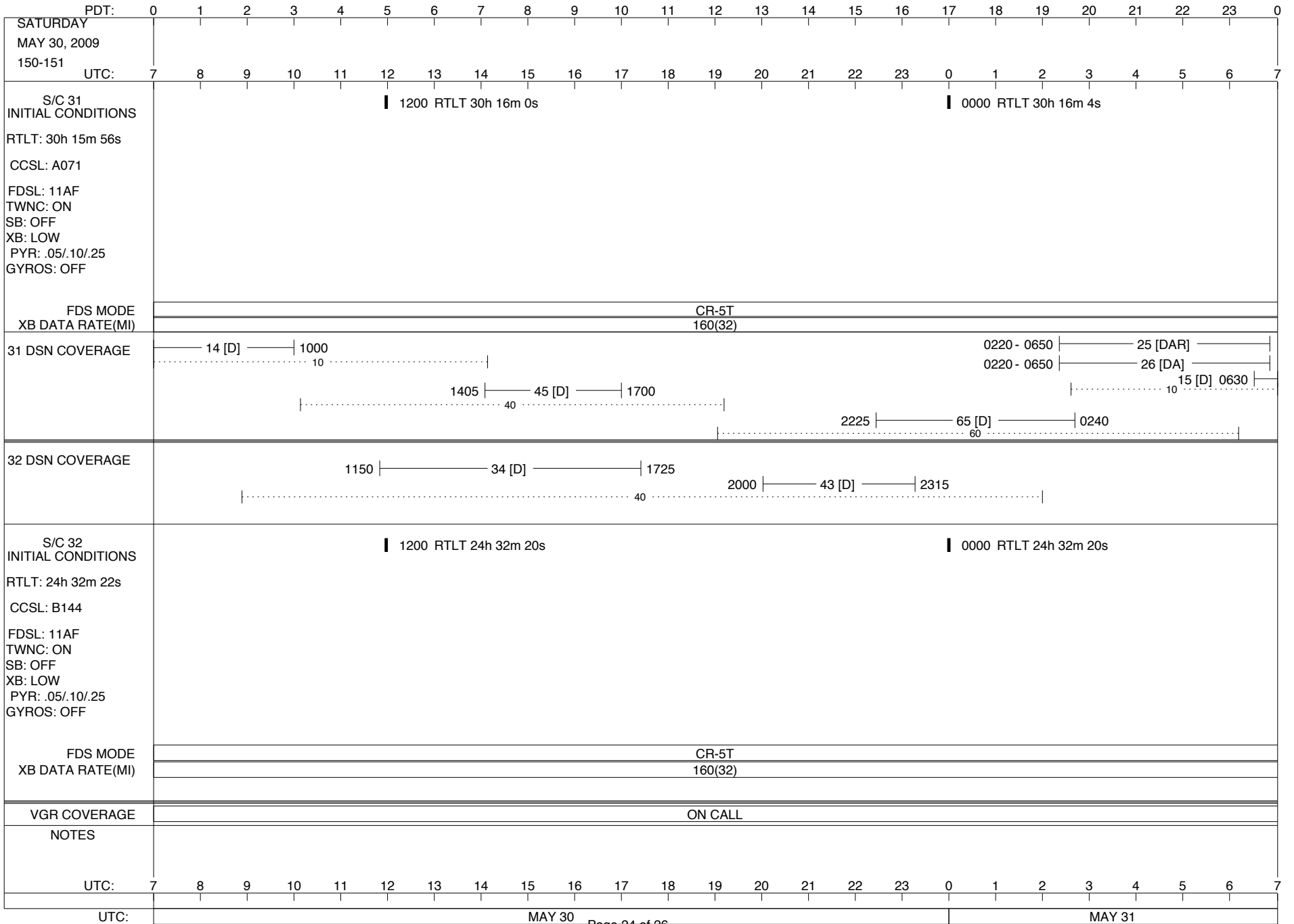




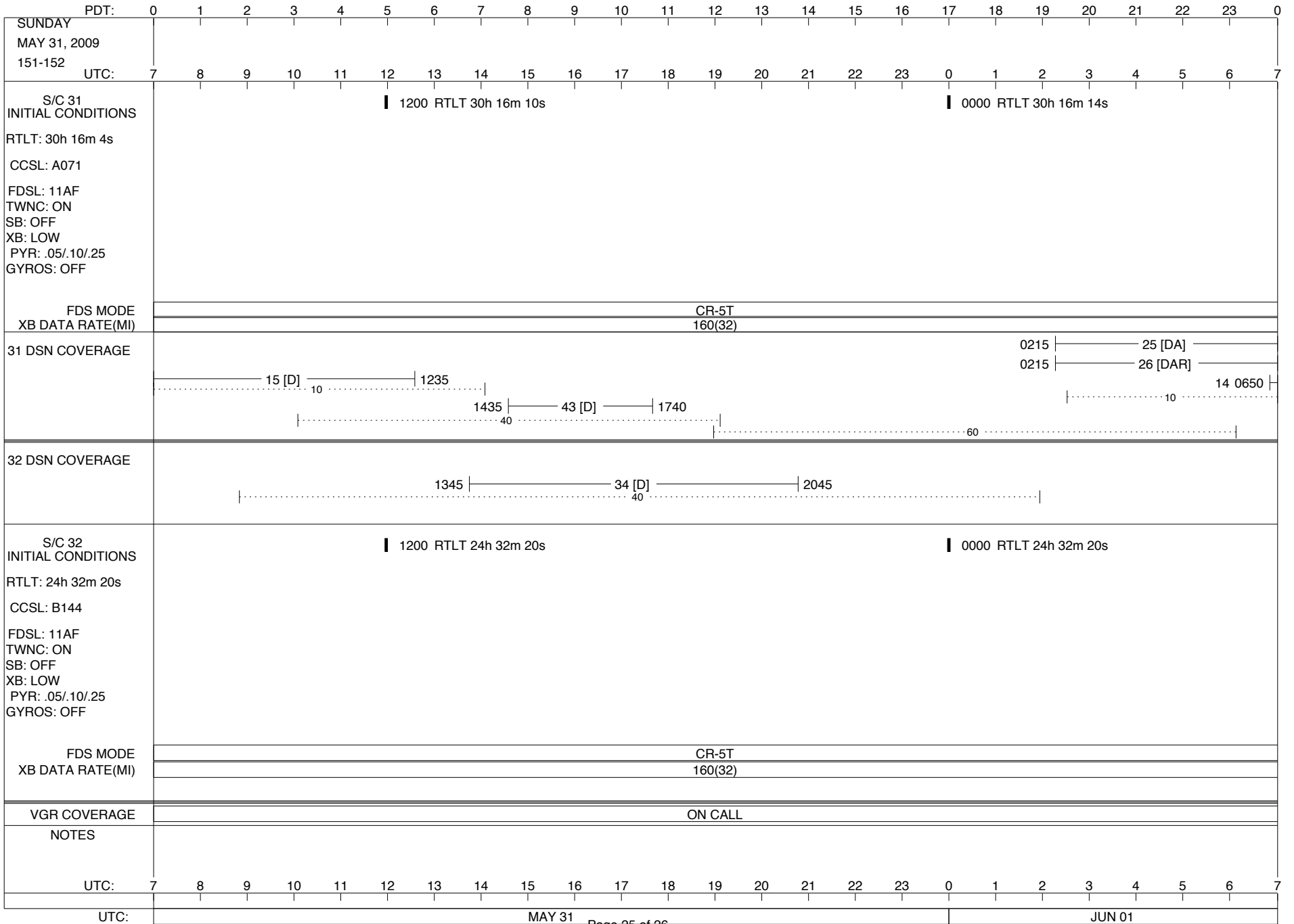
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0		
MONDAY JUNE 1, 2009 152-153																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 30h 16m 14s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 30h 16m 18s																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<p>Timeline for 31 DSN COVERAGE:</p> <ul style="list-style-type: none"> 0710 25 [DA] to 1305 0710 26 [DAR] to 1305 1305 to 1715 (43 [D]) 1305 to 1715 (40 [D]) 																										
32 DSN COVERAGE	<p>Timeline for 32 DSN COVERAGE:</p> <ul style="list-style-type: none"> 1145 to 1715 (34 [D]) 1655 to 1825 (45 [D]) 																										
S/C 32 INITIAL CONDITIONS RTLT: 24h 32m 20s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 24h 32m 20s																										
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:	JUN 01													JUN 02													