

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: May 15, 2013

For the Period: 05/16/13 to 06/03/13 (13-136 – 13-154)

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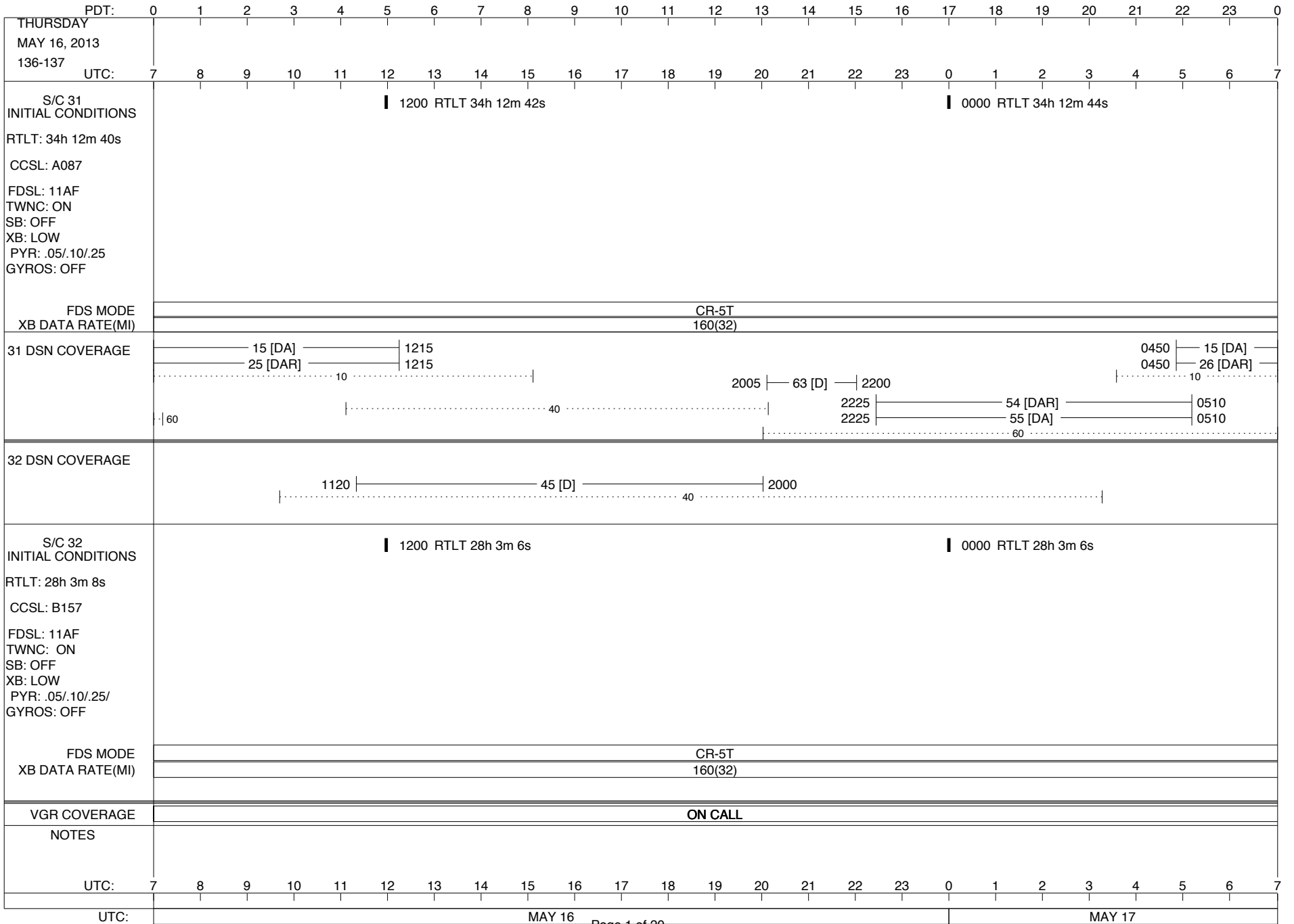
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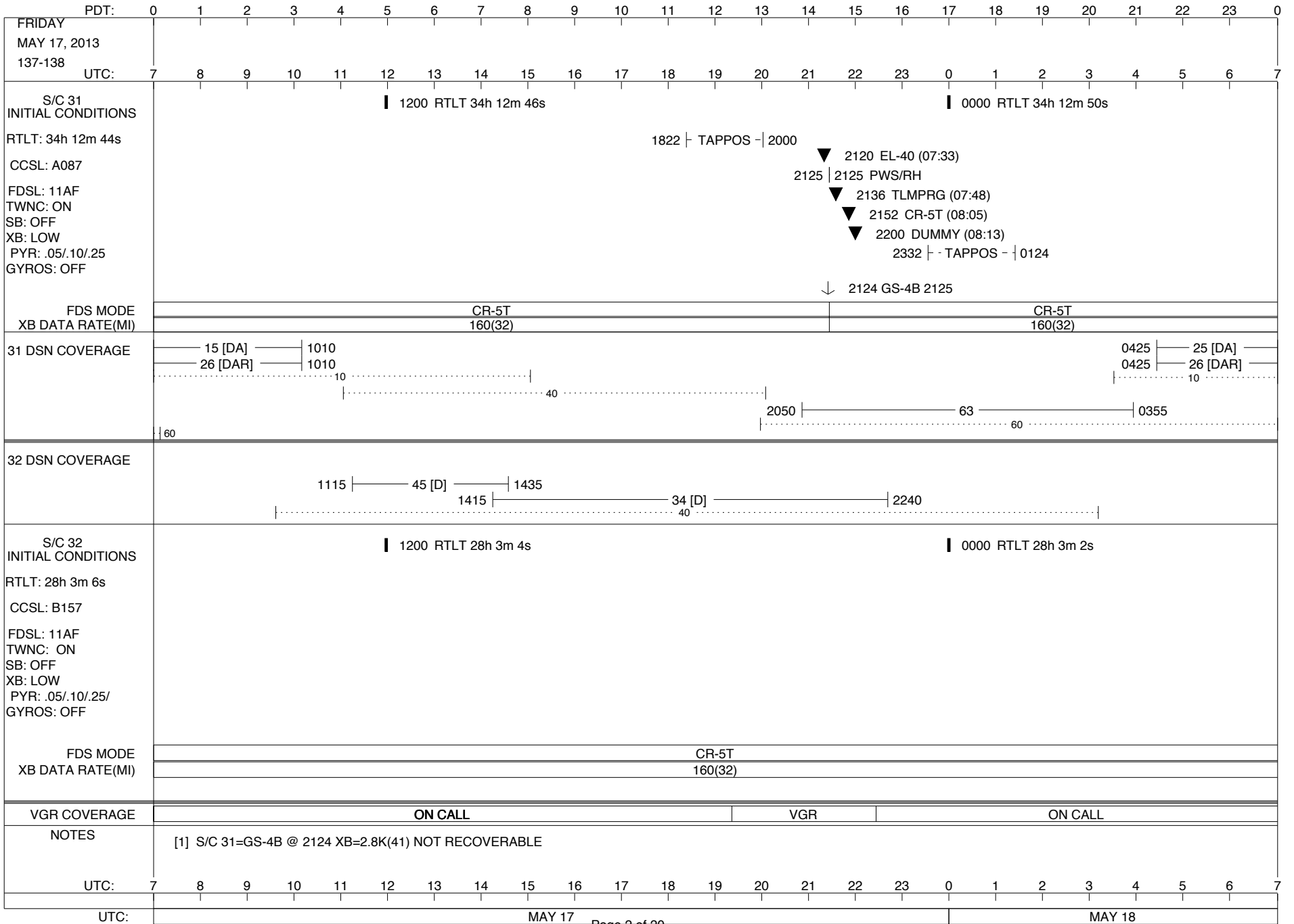
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LEGEND: ∇ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = 7-Point BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

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

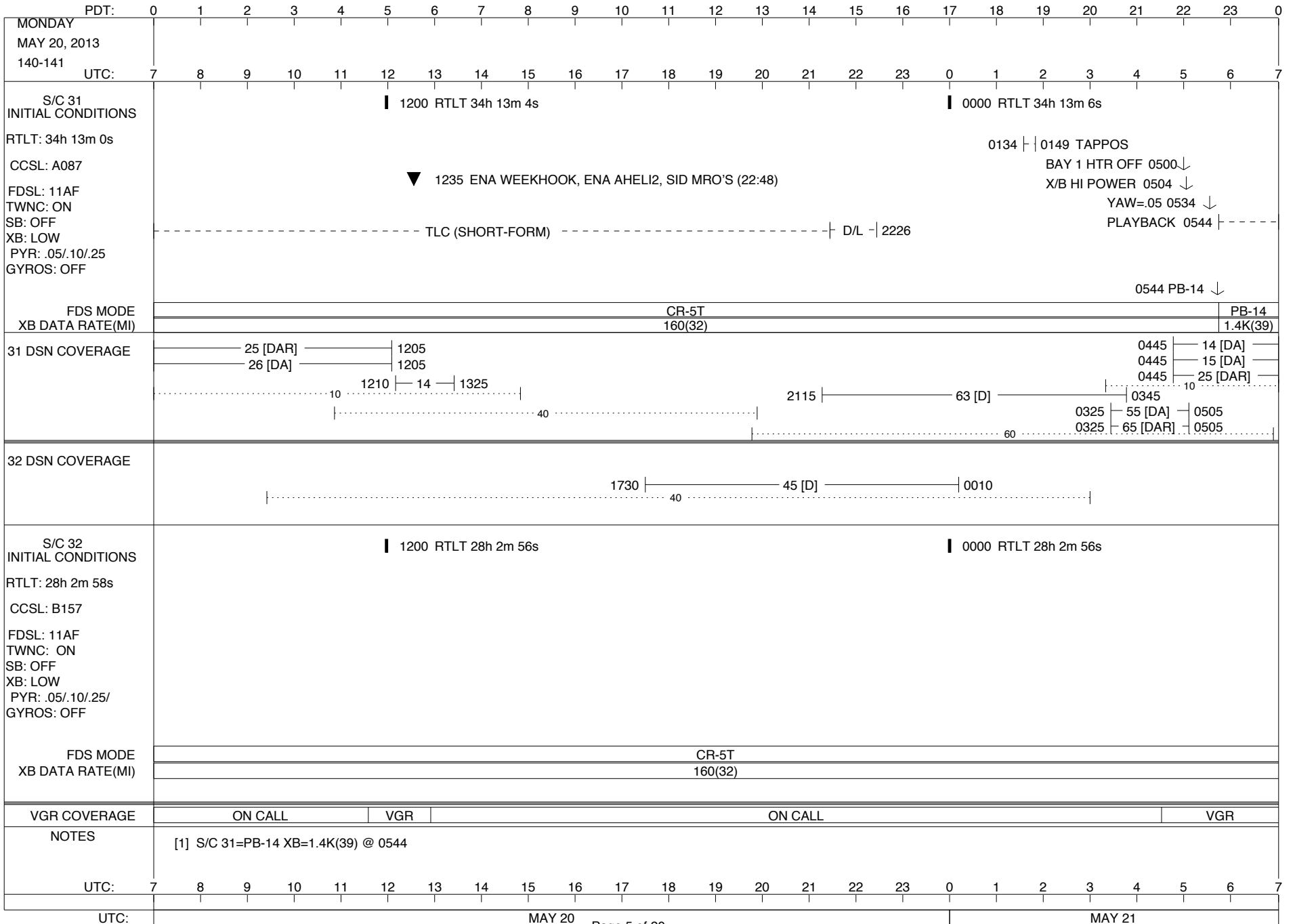
ISSUE DATE: 05/16/13 13:38





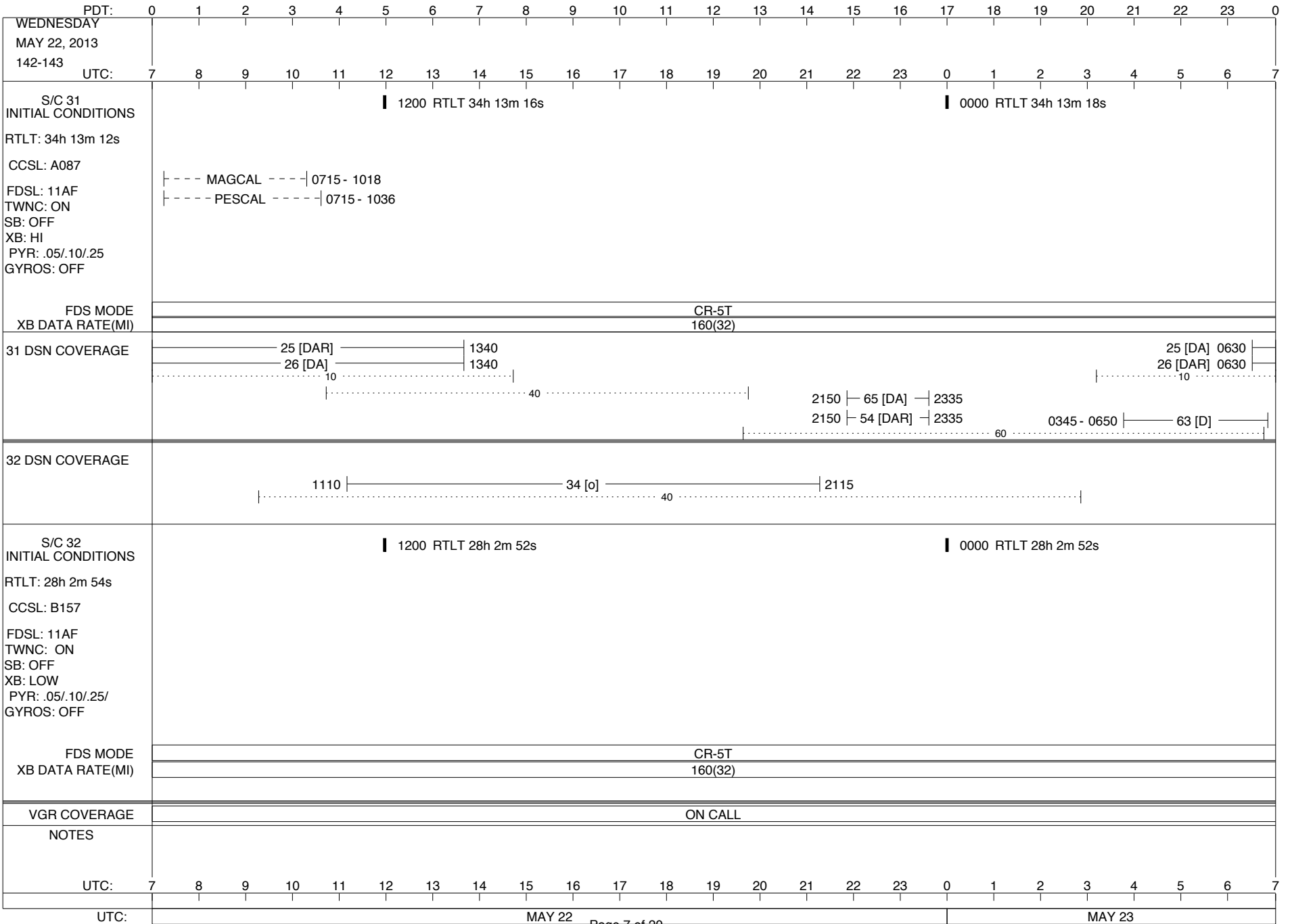
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S/C 31 INITIAL CONDITIONS RTLT: 34h 12m 50s CCSL: A087 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 12m 52s												0000 RTLT 34h 12m 54s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	25 [DA] ————— 1240 26 [DAR] ————— 1240 10 40 60												0330 ————— 14 [T1] ————— 10 2110 ————— 65 [DAR] ————— 2110 ————— 55 [DA] ————— 0350 60													
32 DSN COVERAGE 1110 ————— 34 [D] ————— 1855 40																									
S/C 32 INITIAL CONDITIONS RTLT: 28h 3m 2s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 3m 2s												0000 RTLT 28h 3m 0s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
VGR COVERAGE													ON CALL													
NOTES																										
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S/C 31 INITIAL CONDITIONS RTLTL: 34h 12m 54s CCSL: A087 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 12m 58s												0000 RTLT 34h 13m 0s												
0702 SID MRO'S * 0749 0759 TLMPRG U/L 1045 - - - - - - TLC (SHORT-FORM) - - - - - * ↓ 0734 EL-40 * ↓ 0801 CR-5T																									
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	14 [T1] 1320												0420 25 [DAR] 0420 26 [DA]												
	10 40												2110 65 [DAR] 2110 55 [DA]												
	60												10 0440 60 0440												
32 DSN COVERAGE	1110 45 [D] 1705												2035 34 [D] 2350												
	40																								
S/C 32 INITIAL CONDITIONS RTLTL: 28h 3m 0s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 2m 58s												0000 RTLT 28h 2m 58s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] TLMPRG BACKUP U/L TRACK [2] S/C 31=EL-40 XB=40(30) @ 0734 [3] S/C 31=CR-5T XB=160(32) @ 0801																								
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												

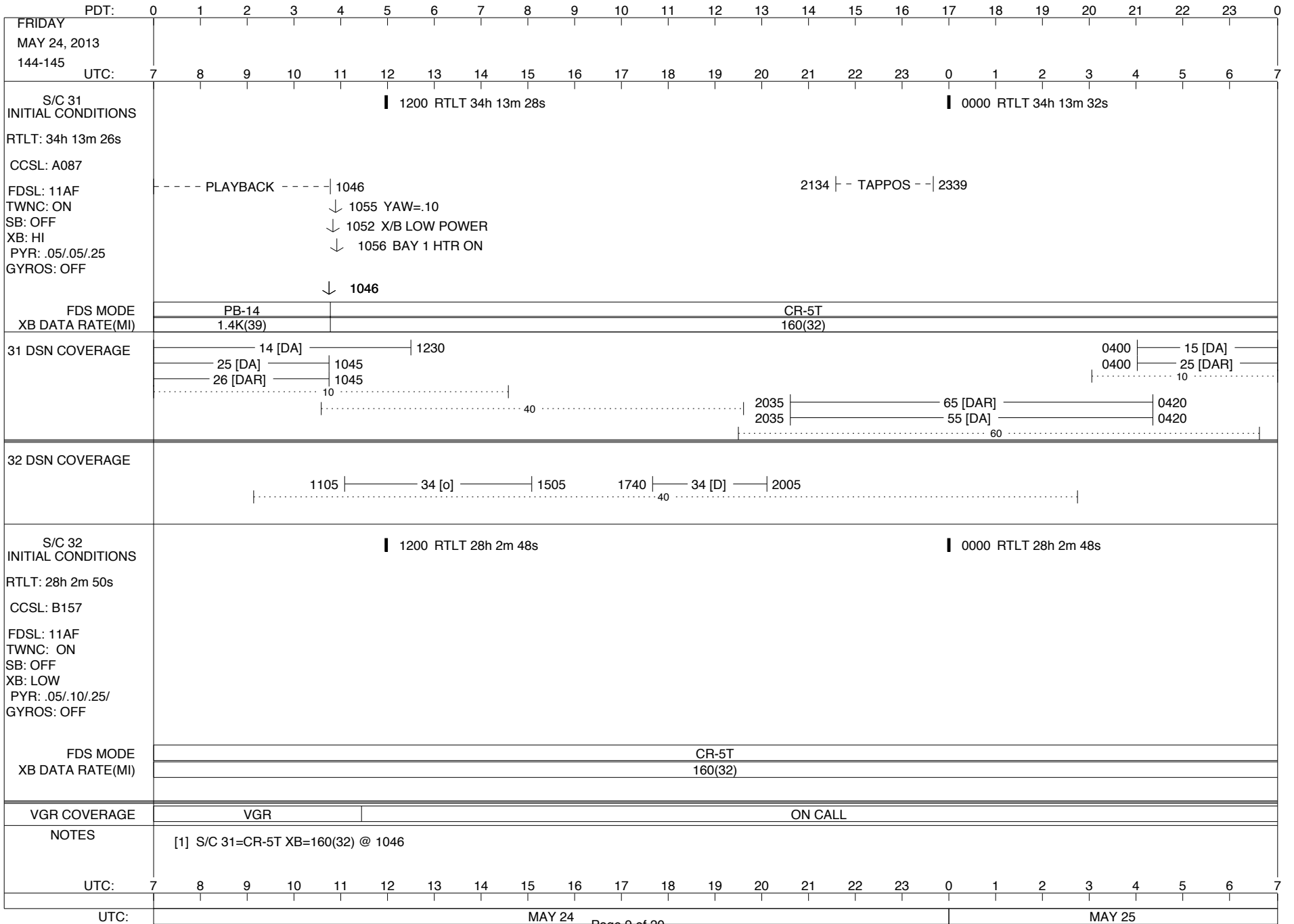


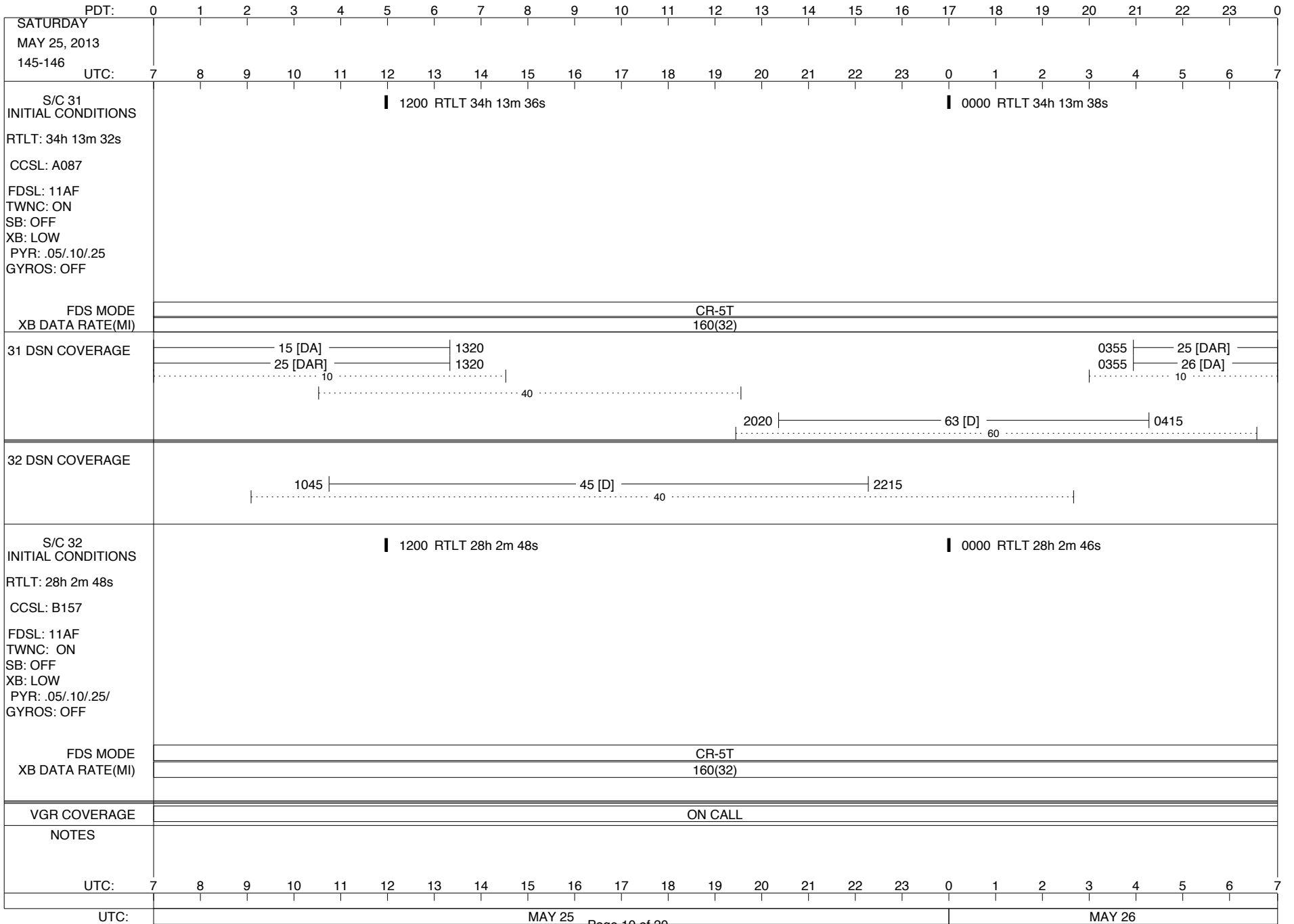
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TUESDAY MAY 21, 2013 141-142																												
S/C 31 INITIAL CONDITIONS RTLTL: 34h 13m 6s CCSL: A087 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.05/.25 GYROS: OFF	1200 RTLTL 34h 13m 10s														0000 RTLTL 34h 13m 12s													
FDS MODE	PB-14							CR-5T							CR-5T													
XB DATA RATE(MI)	1.4K(39)							160(32)							160(32)													
31 DSN COVERAGE	<p>14 [DA] 1345</p> <p>15 [DA] 0945</p> <p>25 [DAR] 0945</p> <p>10 1930 63 [D] 2225</p> <p>40 2205 65 [DAR] 0405</p> <p>2205 55 [DA] 0405</p> <p>60</p> <p>0410 25 [DAR]</p> <p>0410 26 [DA]</p> <p>10</p>																											
32 DSN COVERAGE	<p>1105 45 [D] 1530</p> <p>40 1935 34 [D] 2145</p>																											
S/C 32 INITIAL CONDITIONS RTLTL: 28h 2m 56s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 28h 2m 54s														0000 RTLTL 28h 2m 54s													
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	VGR							ON CALL							VGR							ON CALL						
NOTES	<p>[1] S/C 31=CR-5T @ 0946 XB=160(32)</p> <p>[2] S/C 31=GS-4B @ 1500 XB=2.8K(41) NOT RECOVERABLE</p>																											
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													

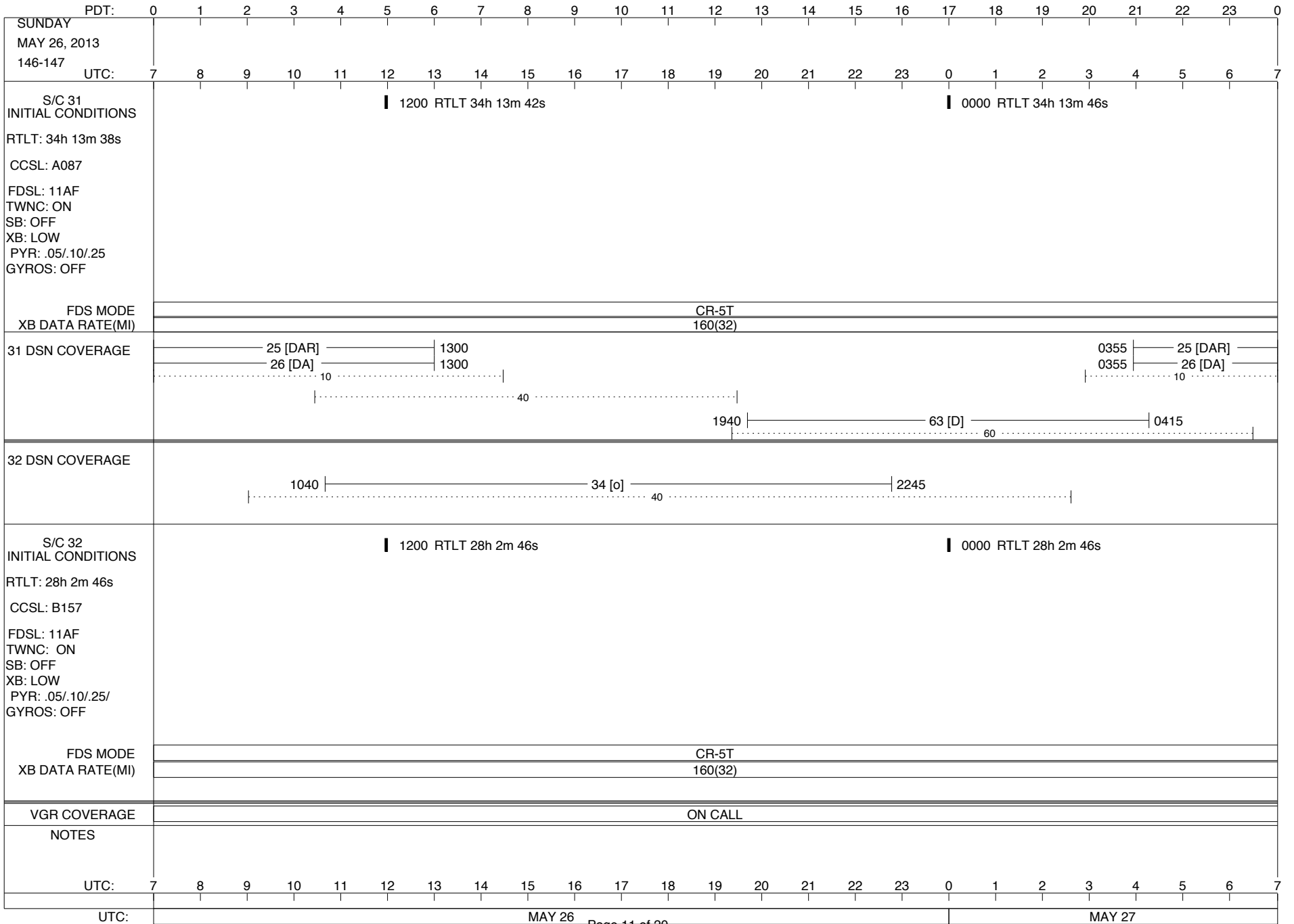
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THURSDAY MAY 23, 2013 143-144																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 34h 13m 18s CCSL: A087 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 13m 22s												0000 RTLTL 34h 13m 26s													
FDS MODE	CR-5T												PB-14													
XB DATA RATE(MI)	160(32)												1.4K(39)													
31 DSN COVERAGE	25 [DA] ————— 1140 26 [DAR] ————— 1140 10 40 1935 63 [D] 0355 60												0445 — 14 [DA] — 0445 — 25 [DA] — 0445 — 26 [DAR] — 10													
32 DSN COVERAGE 1055 34 [D] 2045 40																									
S/C 32 INITIAL CONDITIONS RTLTL: 28h 2m 52s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 28h 2m 50s												0000 RTLTL 28h 2m 50s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
VGR COVERAGE	ON CALL												VGR													
NOTES	[1] S/C 31=PB-14 @ 0544 XB=1.4K(39)																									
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 23														MAY 24											

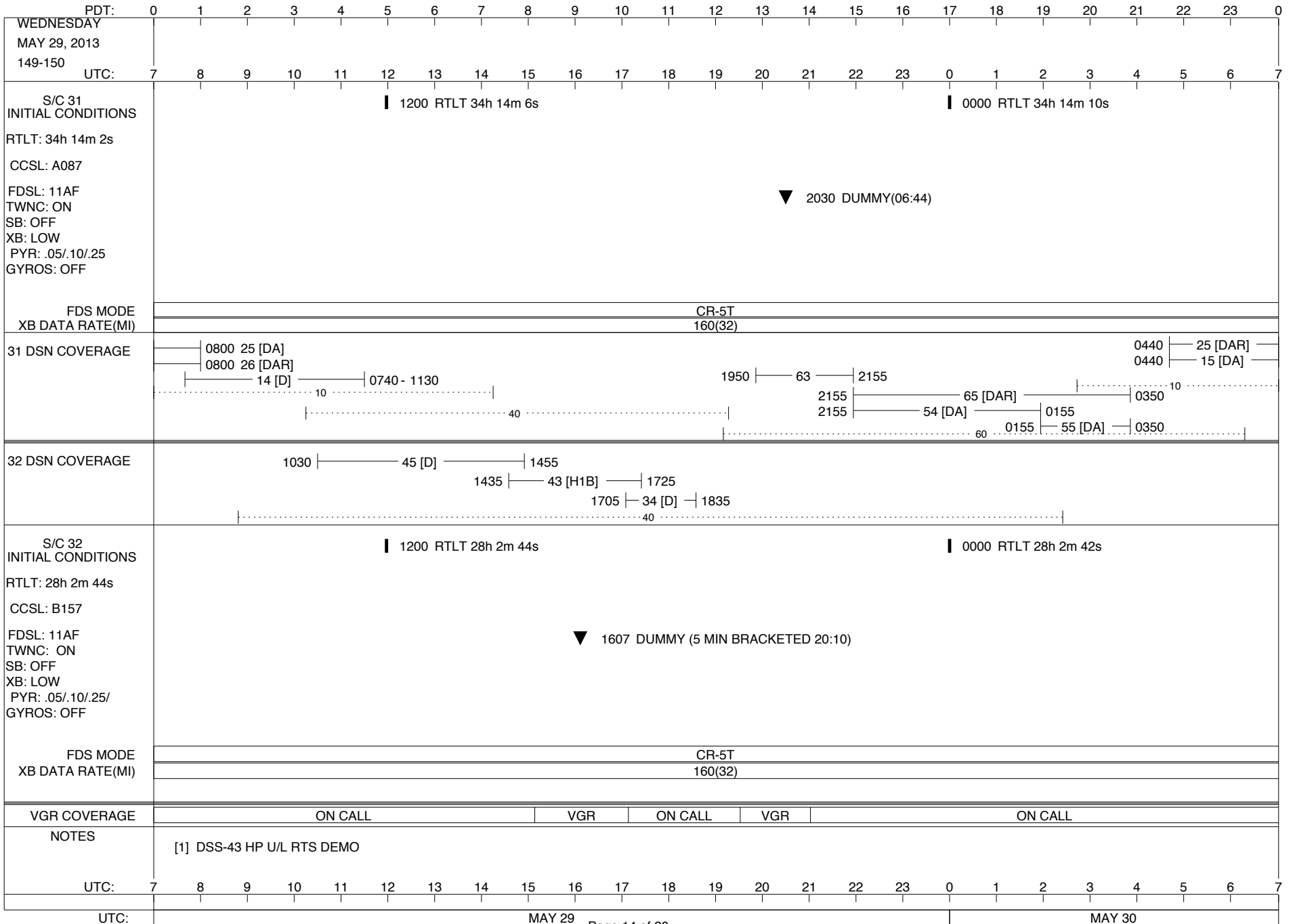


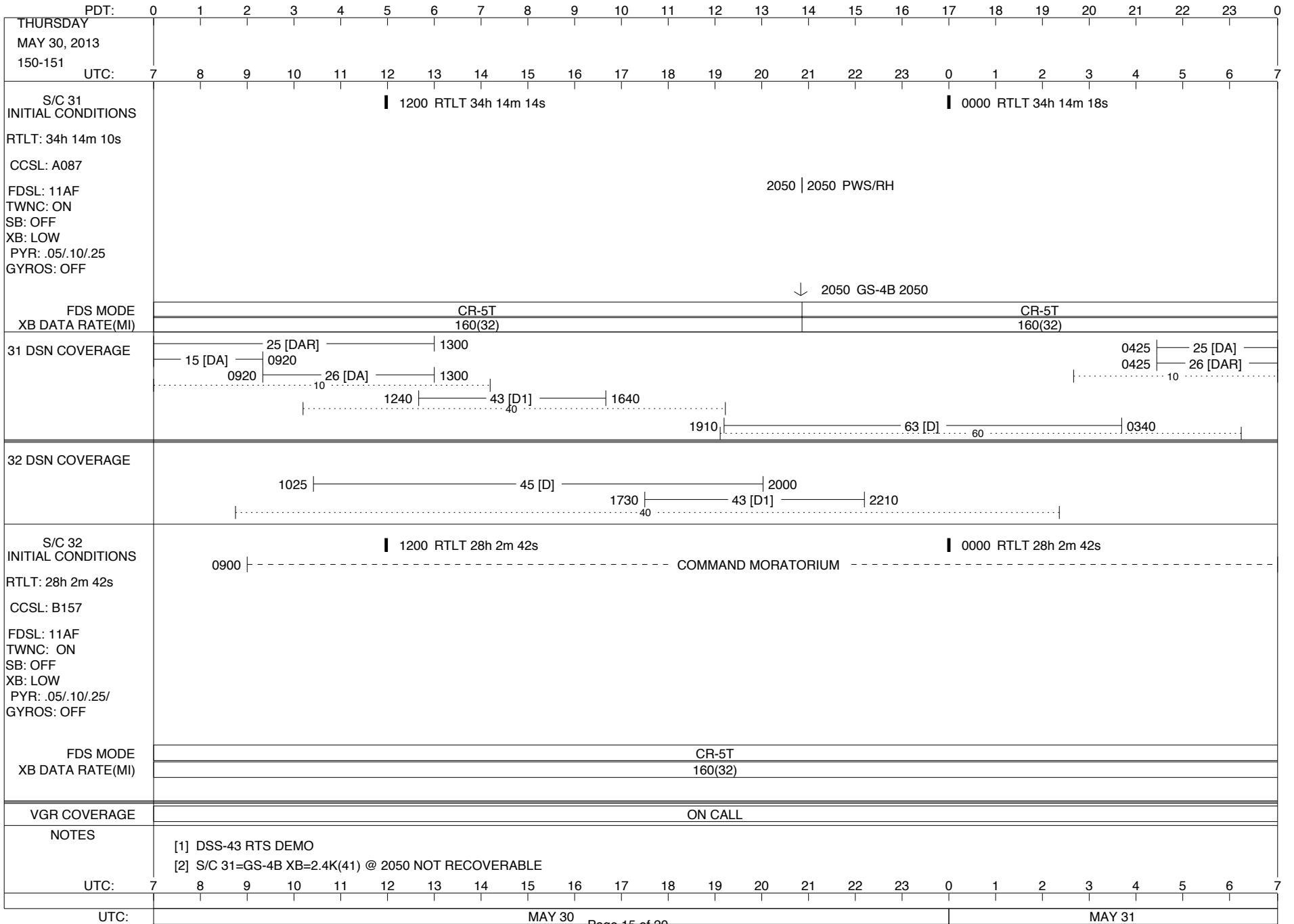


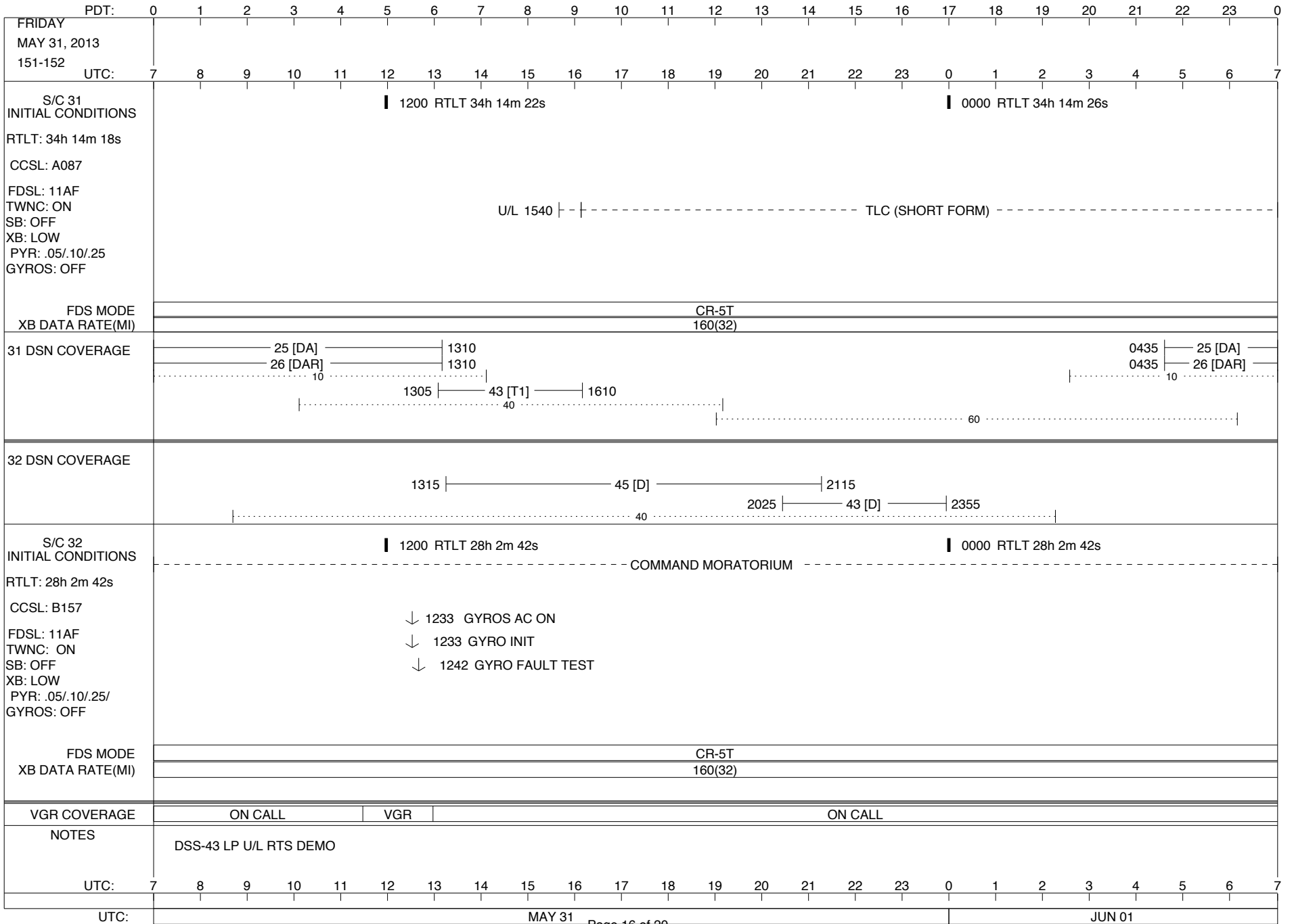


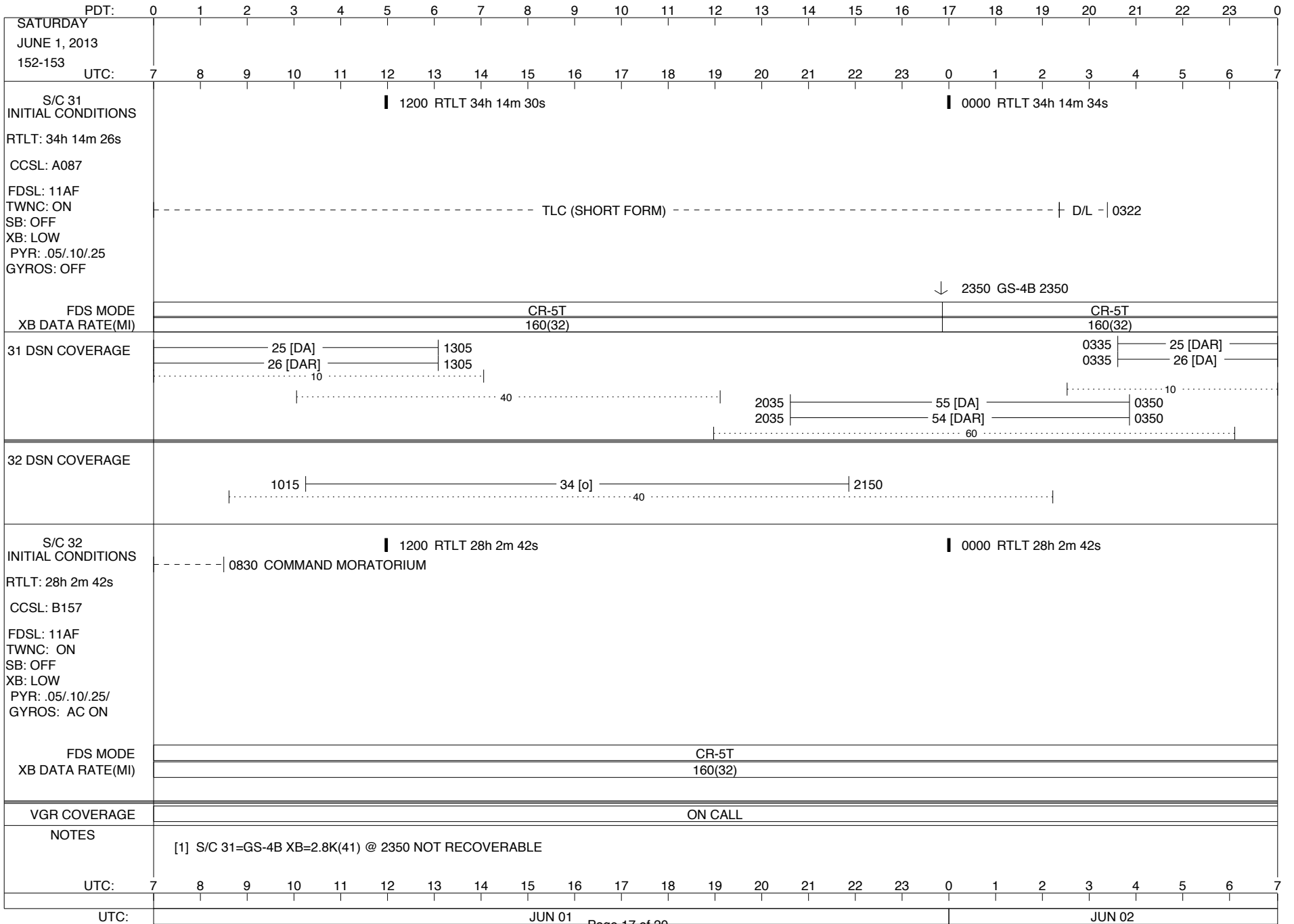
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S/C 31 INITIAL CONDITIONS RTLTL: 34h 13m 46s CCSL: A087 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 13m 50s												0000 RTLTL 34h 13m 54s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	25 [DAR] 1325 26 [DA] 132510												25 [DA] 0555 26 [DAR] 0555 10													
40 2020 2020 55 [DAR] 035560 54 [DA] 0355																									
32 DSN COVERAGE	1035 34 [o] 194540																									
S/C 32 INITIAL CONDITIONS RTLTL: 28h 2m 46s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 28h 2m 44s												0000 RTLTL 28h 2m 44s													
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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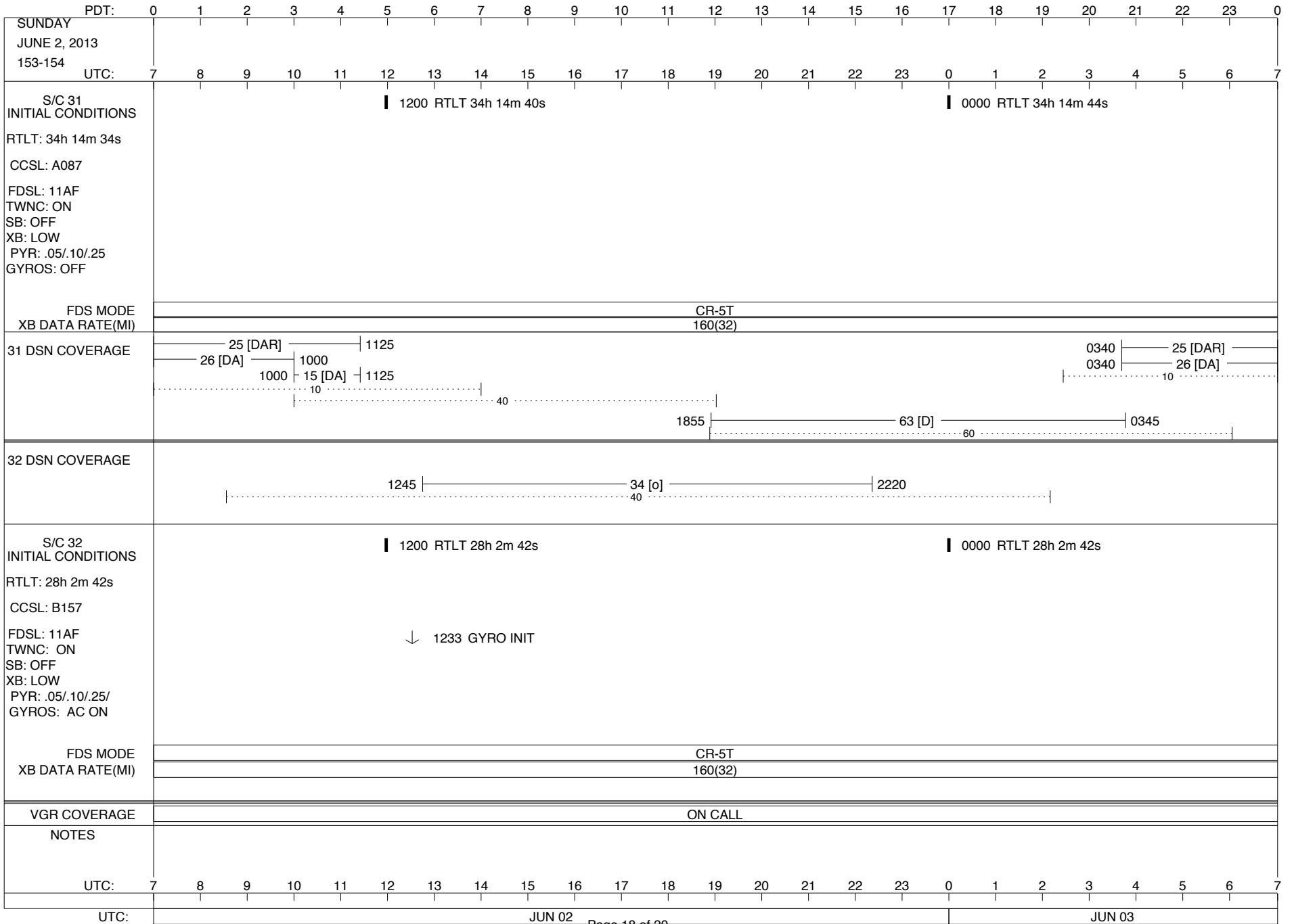
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S/C 31 INITIAL CONDITIONS RTLTL: 34h 13m 54s CCSL: A087 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 13m 58s												0000 RTLT 34h 14m 2s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	25 [DA] 1245 26 [DAR] 1245												25 [DA] 0630 26 [DAR] 0630												
32 DSN COVERAGE	1035 34 [D] 1950												1915 63 [D] 0335												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 2m 44s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 2m 44s												0000 RTLT 28h 2m 44s												
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 @ 1437 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												

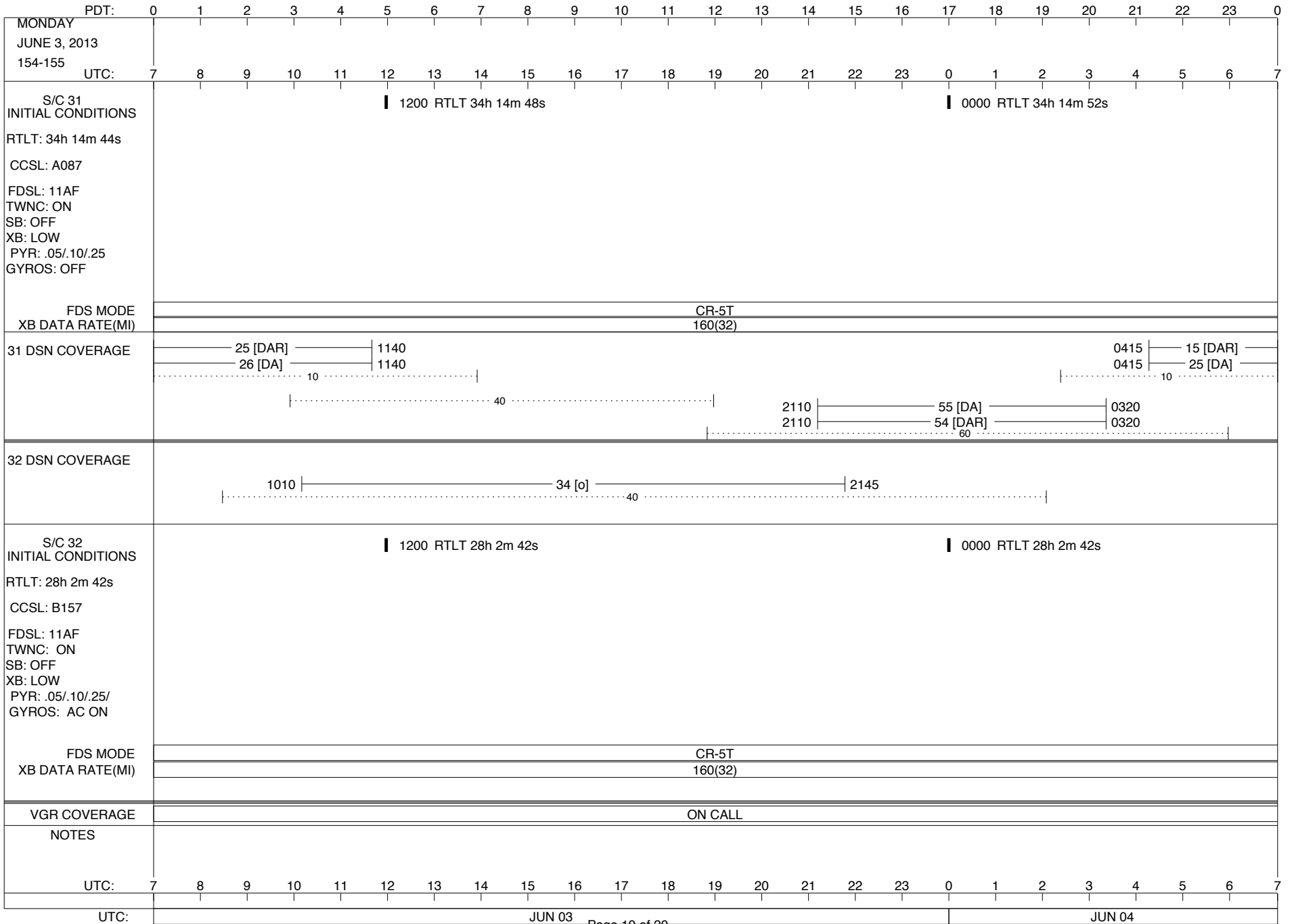












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S/C 31 INITIAL CONDITIONS RTLT: 34h 14m 52s CCSL: A087 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 34h 14m 58s</p> <p>1414 1414 PWS/RH</p> <p>↓ 1413 GS-4B 1414</p>																										
FDS MODE	CR-5T													CR-5T													
XB DATA RATE(MI)	160(32)													160(32)													
31 DSN COVERAGE	<p>15 [DAR] 1005</p> <p>25 [DA] 1005</p> <p>10</p> <p>40</p> <p>2015 63 [D] 2155</p>																										
32 DSN COVERAGE	<p>1020 34 [o] 1950</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 28h 2m 42s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: AC ON	<p>1200 RTLT 28h 2m 42s</p> <p>↓ 1233 GYRO INIT</p>																										
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 @ 1413 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 04													JUN 05													