

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: June 24, 2009

For the Period: 06/25/09 to 07/20/09 (09-176– 09-201)

DSN OPSCHIEF (1) 230-102

SCIENCE

FLIGHT TEAM (15) 600-100

DSOT (1) 230-102

*Zsarina.Bulchand@jpl.nasa.gov
 *gdyke@airmail.ftops.jpl.nasa.gov
 *John.M.Grant@jpl.nasa.gov
 *dmcclena@airmail.ftops.jpl.nasa.gov
 *pquach@airmail.ftops.jpl.nasa.gov
 *mrobles@airmail.ftops.jpl.nasa.gov
 *rwilliam@airmail.ftops.jpl.nasa.gov

CRS *bryant@mail630.gsfc.nasa.gov
 LECP *r.decker@jhupl.edu
 UVS *holberg@argus.lpl.arizona.edu
 MAG *u2mha@lepvox.gsfc.nasa.gov
 PLS *vgr@space.mit.edu
 PWS *wsk@space.physics.uiowa.edu
 *Leonard.F.Burlaga@nasa.gov
 *Donald-Gurnett@uiowa.edu

Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Massey, Ed
 Matsumoto, S.
 Medina, E.
 Peralta, F.
 Poynter, R.
 Weeks, T.
 Wong, R.
 Yang, L
 Zottarelli, L.

*odivers1@san.rr.com

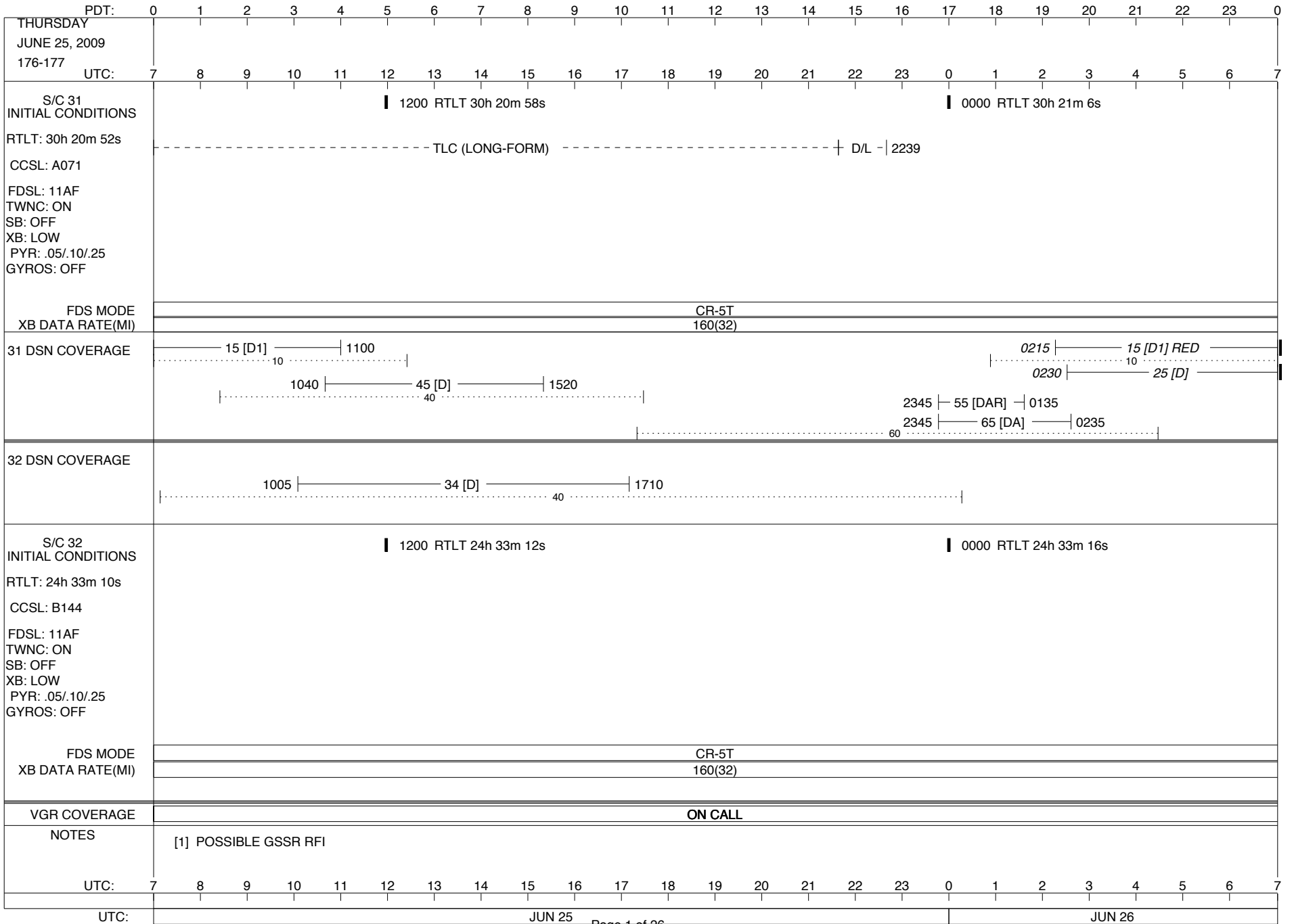
OTHER

* KMassey@jgld.gdscc.nasa.gov
 * Belinda.Arroyo@jpl.nasa.gov
 * DSN-MPSETA@jjpl.jpl.nasa.gov

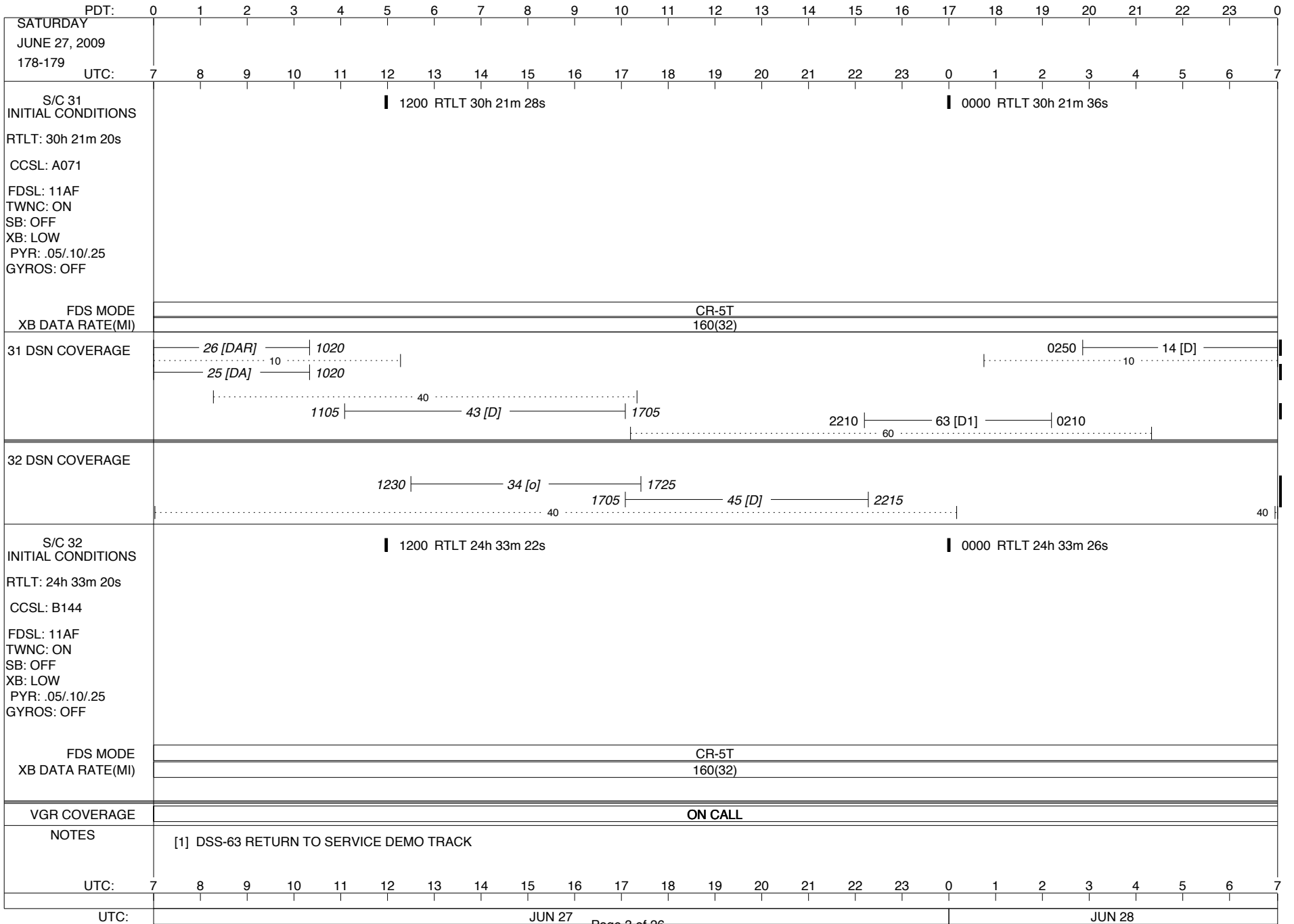
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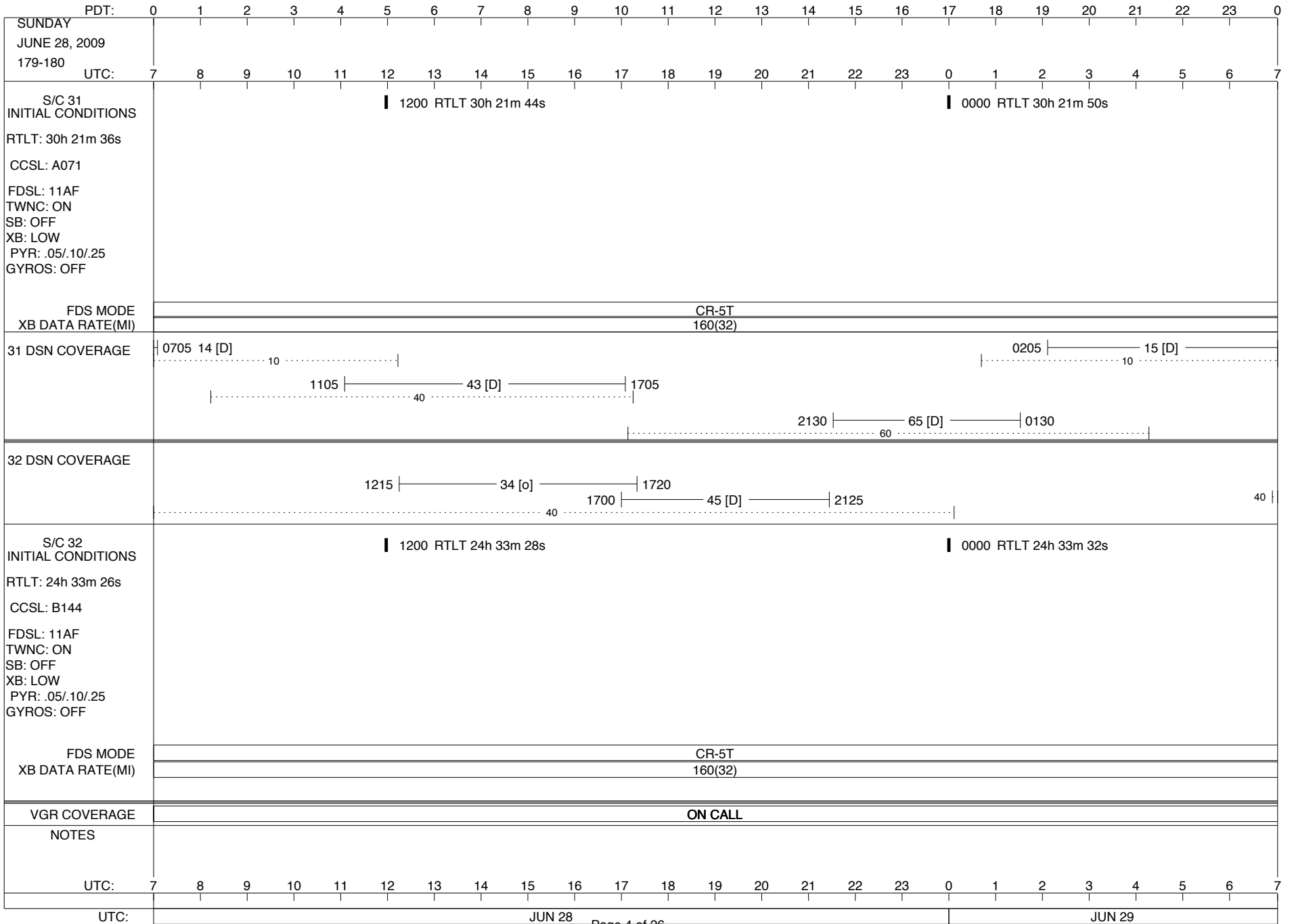
∇ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = 7-Point BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink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

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



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: 30h 21m 6s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 21m 14s												0000 RTLT 30h 21m 20s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	15 [D1] RED 0925 25 [D] 0910 1040 45 [D] 1435 1415 43 [D] 1700 40 2030 65 [D] 0250 60												0530 26 [DAR] 0530 25 [DA]													
32 DSN COVERAGE	1100 34 [o] 2025 40																									
S/C 32 INITIAL CONDITIONS RTLT: 24h 33m 16s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 33m 18s												0000 RTLT 24h 33m 20s													
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 @ 1905 XB=2.8K(41) NOT RECOVERABLE [2] POSSIBLE GSSR RFI																									
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UTC:	JUN 26												JUN 27													





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MONDAY JUNE 29, 2009 180-181	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 21m 50s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 21m 58s												0000 RTLT 30h 22m 6s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	15 [D] 0920 10												0200 15 [D1] 10													
	1000 43 [T] 1705 40												2355 63 [D] 0200 60													
32 DSN COVERAGE	1040 34 [D] 2055 40												40													
S/C 32 INITIAL CONDITIONS RTLT: 24h 33m 32s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 33m 34s												0000 RTLT 24h 33m 38s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
VGR COVERAGE													ON CALL													
NOTES	[1] POSSIBLE GSSR RFI																									
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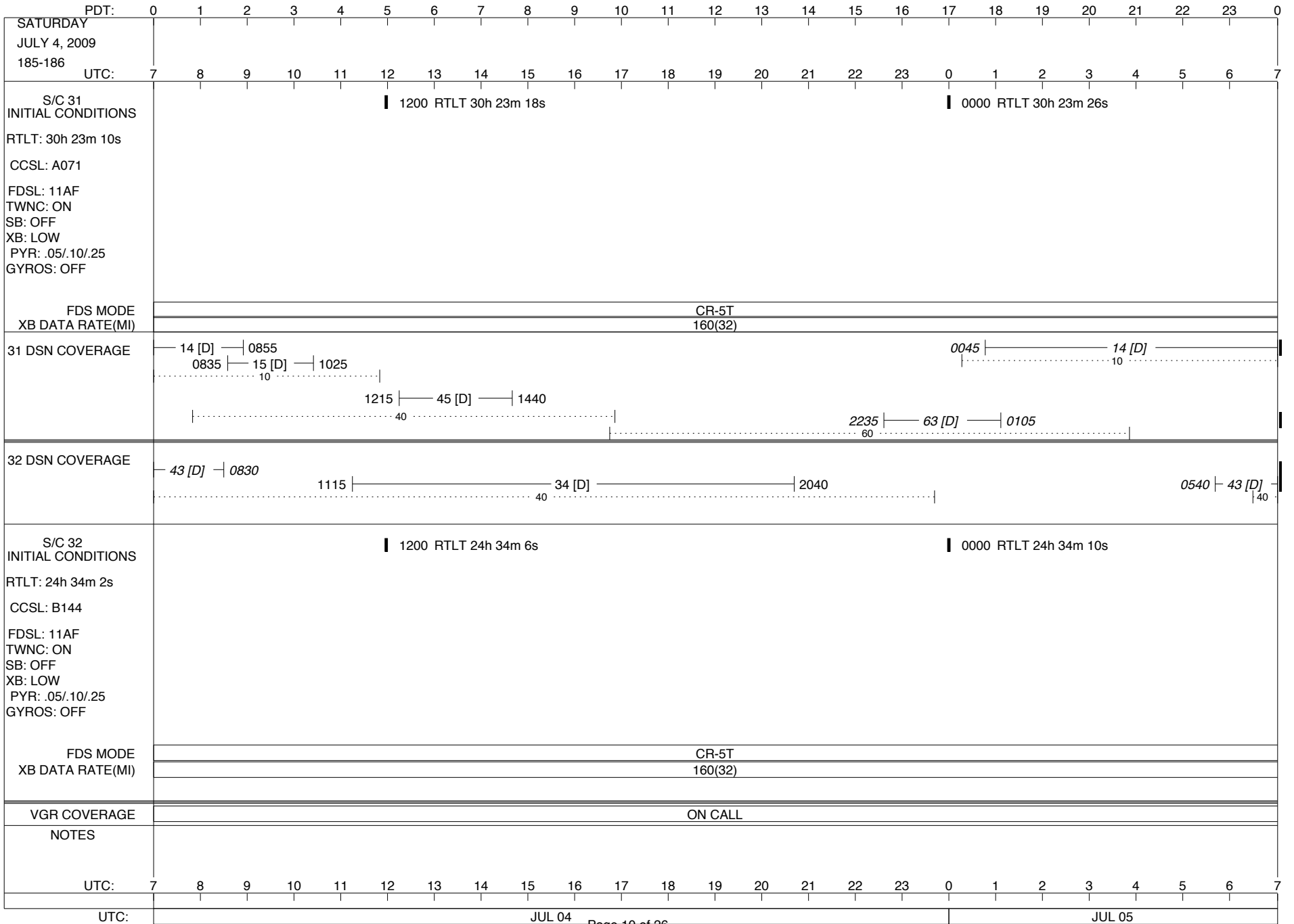
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TUESDAY JUNE 30, 2009 181-182																												
S/C 31 INITIAL CONDITIONS RTLTL: 30h 22m 6s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 30h 22m 14s												0000 RTLTL 30h 22m 22s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
31 DSN COVERAGE	<p>15 [D1] 0915 0205 15 [D3]</p> <p>1045 45 [D] 1500 10</p> <p>2105 63 [D2] 0225 60</p>																											
32 DSN COVERAGE	<p>1205 43 [H] 2255 40</p> <p>0555 43 [D]</p>																											
S/C 32 INITIAL CONDITIONS RTLTL: 24h 33m 38s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 24h 33m 40s												0000 RTLTL 24h 33m 44s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
VGR COVERAGE	ON CALL												ON CALL															
NOTES	<p>[1] S/C 31=GS-4B @ 1241 XB=2.8K(41) NOT RECOVERABLE</p> <p>[2] DSS-63 MON-0161 DEMO TRACK</p> <p>[3] POSSIBLE GSSR RFI</p>																											
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UTC:	JUN 30														JUL 01													

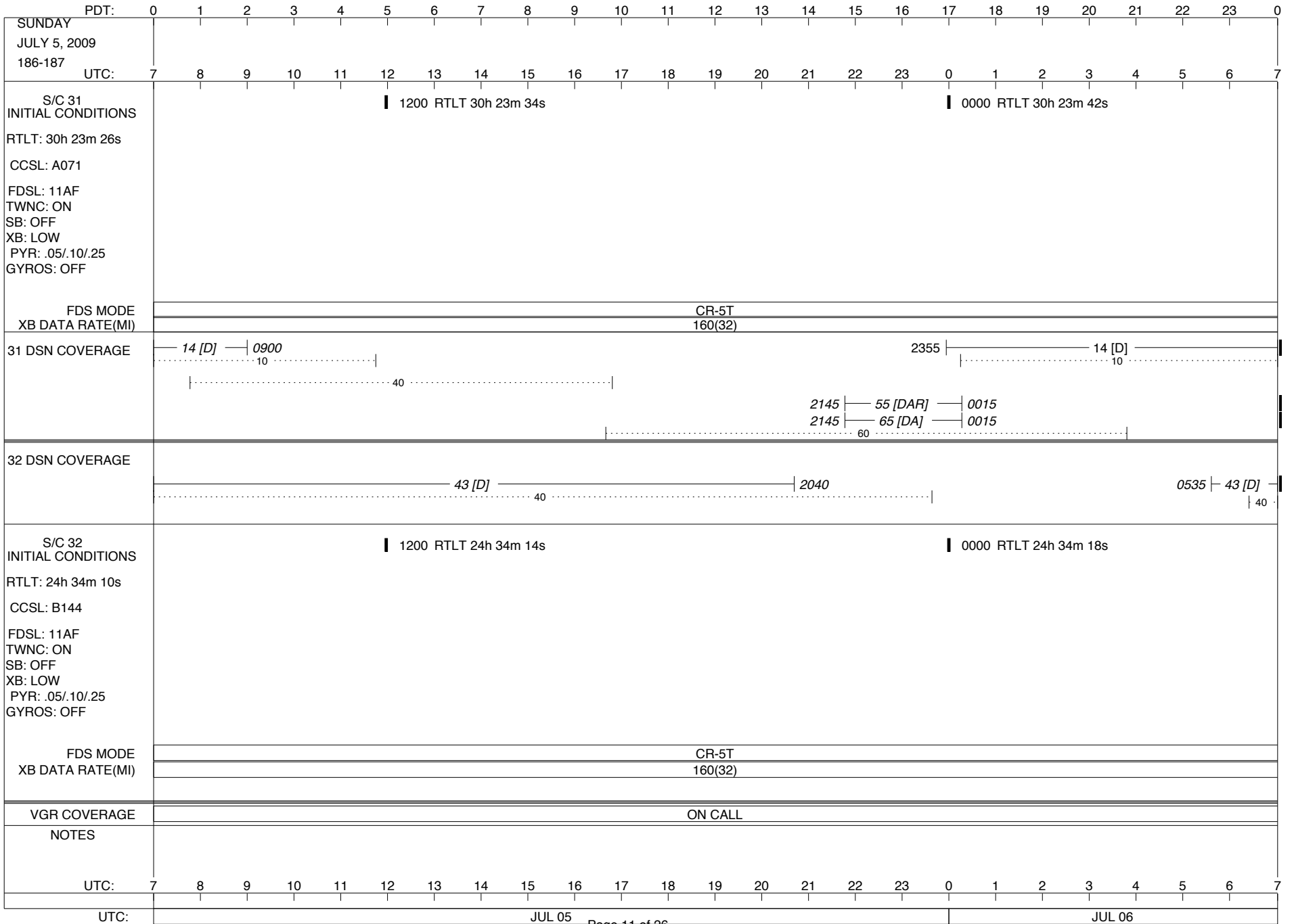
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WEDNESDAY JULY 1, 2009 182-183	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 30h 22m 22s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 30h 22m 30s												0000 RTLT 30h 22m 38s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	15 [D3] 0915 0855 24 [DAR] 1105 0855 25 [DA] 1105 40												0300 10 15 [D] 2150 60 63 [D] 0305												
32 DSN COVERAGE	43 [D] 40 1705												0555 43 [D] 40												
S/C 32 INITIAL CONDITIONS RTLT: 24h 33m 44s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 24h 33m 46s												0000 RTLT 24h 33m 50s												
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:	JUL 01												JUL 02												

ISSUE DATE: 07/08/09 18:38

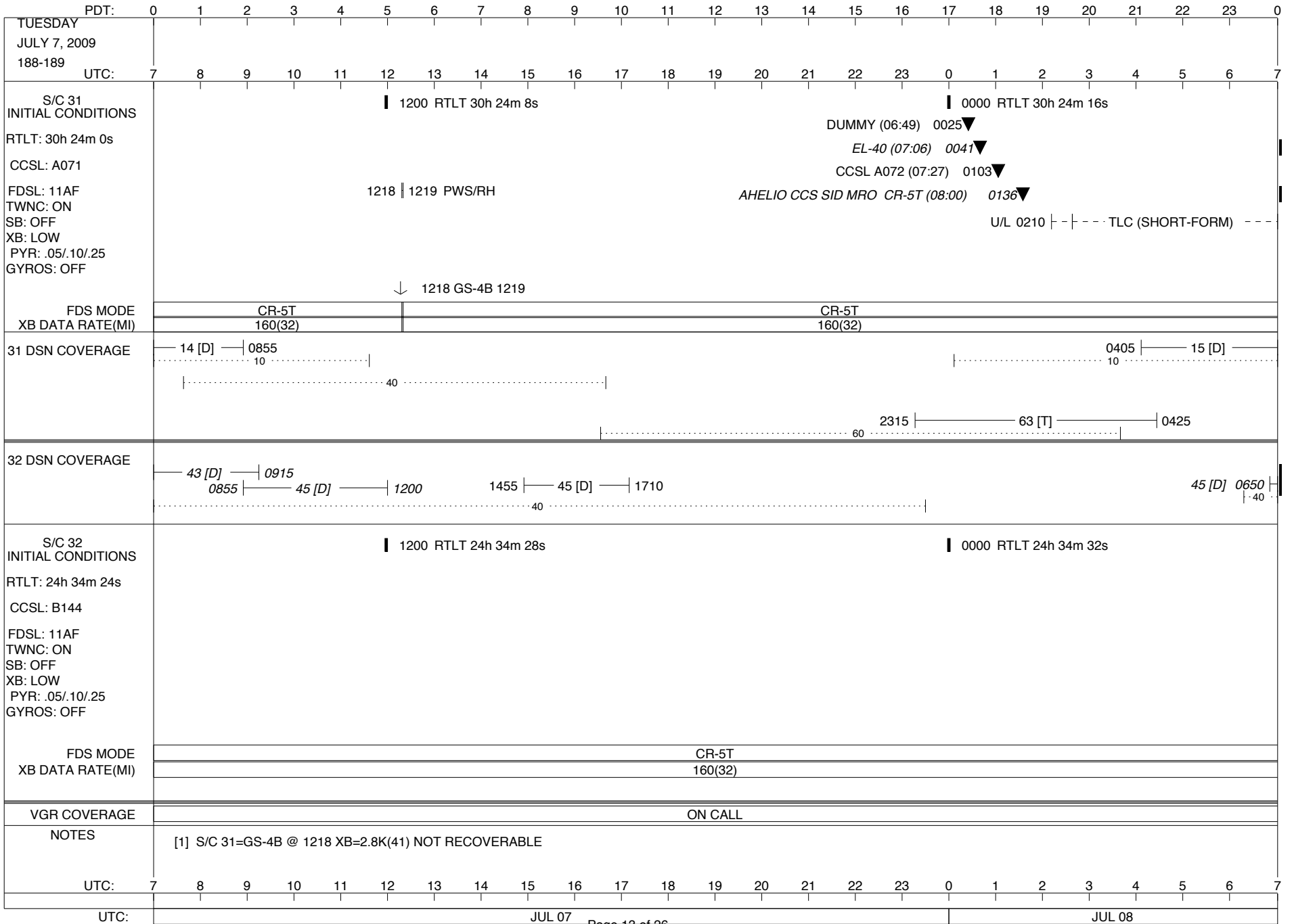
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S/C 31 INITIAL CONDITIONS RTLTL: 30h 22m 38s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 30h 22m 46s												0000 RTLTL 30h 22m 54s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	15 [D] 1030										0150 15 [D]															
	10										10															
	40										60															
32 DSN COVERAGE	43 [D] 1150										0550 43 [D]															
	1130 34 [D] 1735										40															
S/C 32 INITIAL CONDITIONS RTLTL: 24h 33m 50s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 24h 33m 52s												0000 RTLTL 24h 33m 56s													
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	
UTC:	JUL 02													JUL 03												

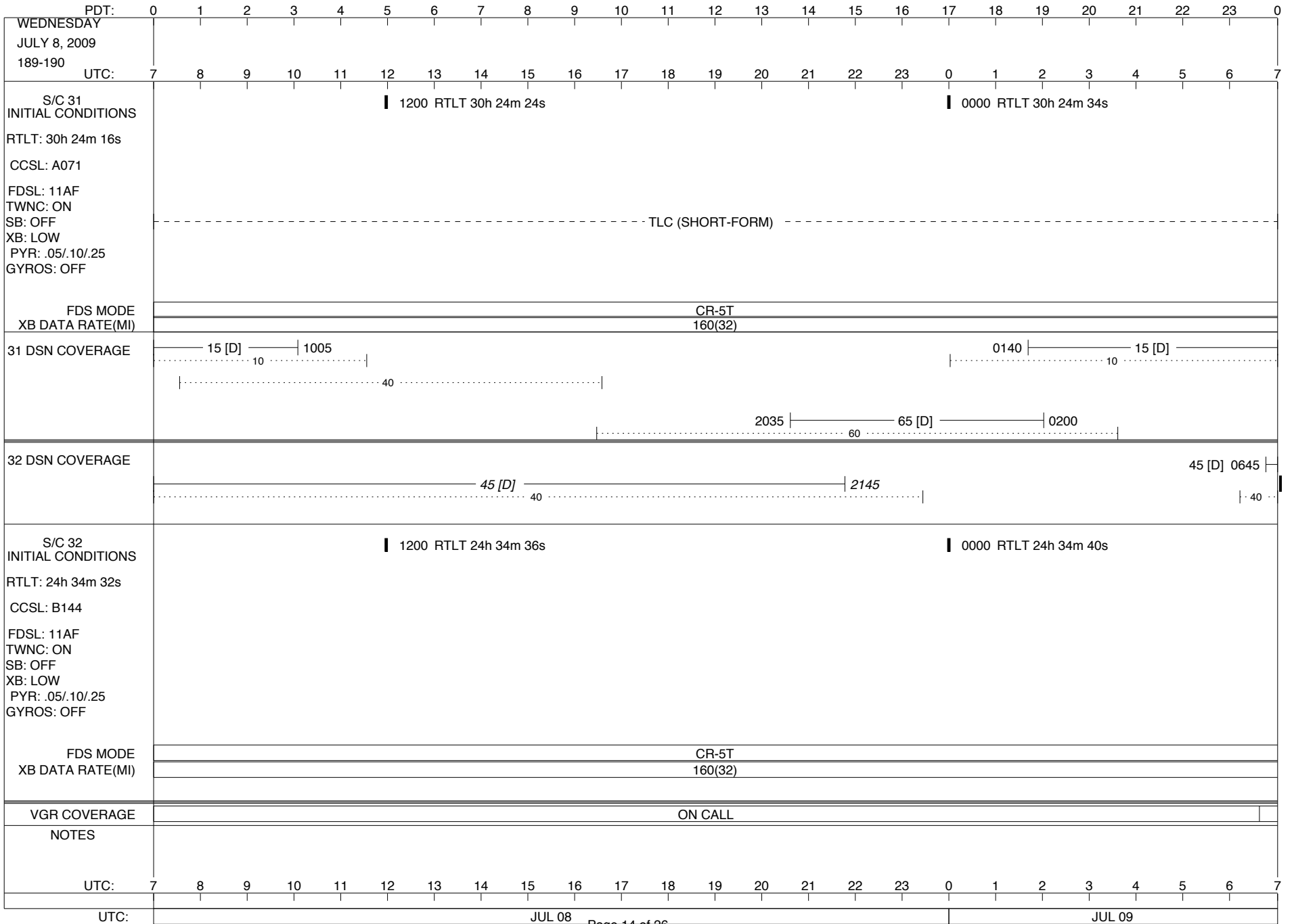
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FRIDAY JULY 3, 2009 184-185																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 30h 22m 54s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 23m 2s												0000 RTLT 30h 23m 10s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	15 [D] 1020 10												0000 14 [D] 10 10												
	40												60												
32 DSN COVERAGE	0800 43 [D] 0935 34 [D] 1335 40												0550 43 [D] 40												
S/C 32 INITIAL CONDITIONS RTLT: 24h 33m 56s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 34m 0s												0000 RTLT 24h 34m 2s												
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 @ 1842 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:	JUL 03												JUL 04												





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 JULY 6, 2009 187-188	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 23m 42s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 23m 50s												0000 RTLT 30h 24m 0s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	14 [D] 0855 10 40												2350 14 [D] 10 60												
32 DSN COVERAGE	0750 43 [D] 1100 34 [D] 1215 40												1445 43 [B1] 2145 43 [D] 0630 40												
S/C 32 INITIAL CONDITIONS RTLT: 24h 34m 18s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 34m 20s												0000 RTLT 24h 34m 24s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	[1] DSS-43 MON-0161 DEMO TRACK																								
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UTC:	JUL 06												JUL 07												



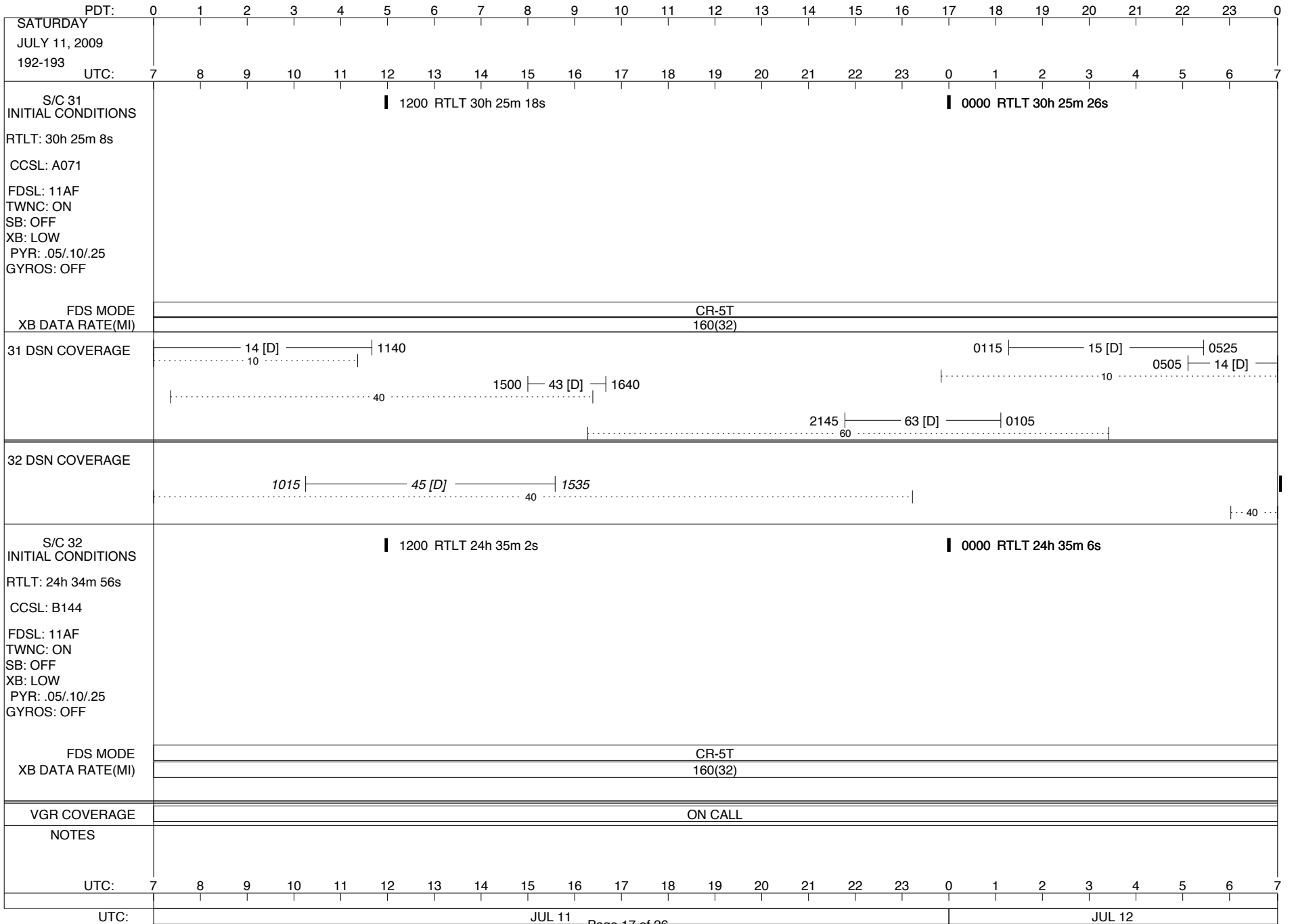


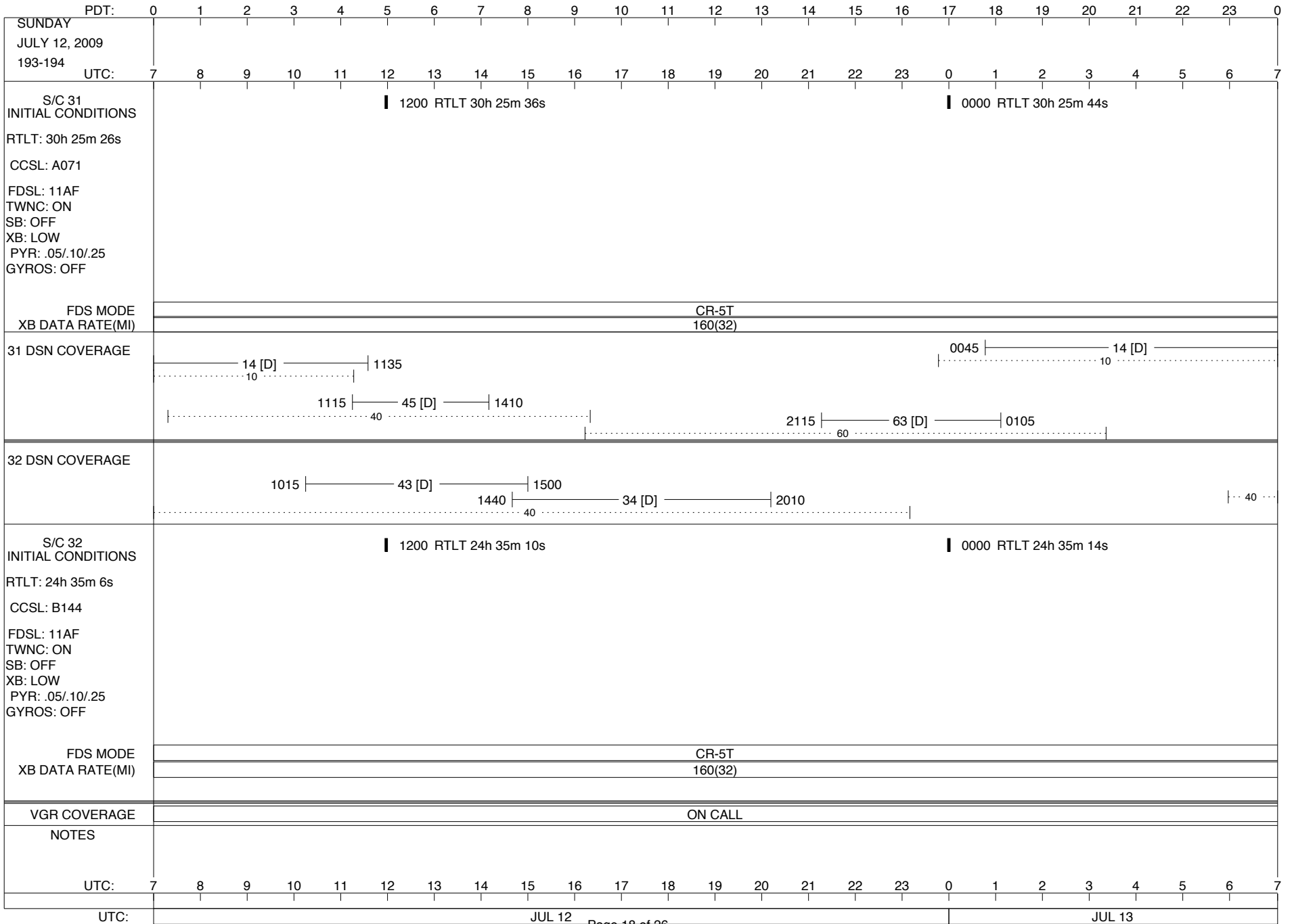
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THURSDAY JULY 9, 2009 190-191																									
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S/C 31 INITIAL CONDITIONS RTLTL: 30h 24m 34s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 24m 42s												0000 RTLT 30h 24m 50s												
0804 0804 2 AHELIO SID MRO'S 0732 - 0736 A072 CHKSUM ----- TLC (SHORT-FORM) D/L - 1012 * ↓ 0706 EL-40 * ↓ 0806 CR-5T																									
FDS MODE XB DATA RATE(MI)	EL-40 40(30)												CR-5T 160(32)												
31 DSN COVERAGE	15 [D] 100040												0140 15 [D] 10												
													2045 65 [D] 020060												
32 DSN COVERAGE	45 [D] 1305												1540 34 [D] 194040												
S/C 32 INITIAL CONDITIONS RTLTL: 24h 34m 40s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 34m 44s												0000 RTLT 24h 34m 48s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] SC 31=EL-40 XB=40(30) @ 0706 [2] SC 31=CR-5T XB=160(32) @ 0806																								
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ISSUE DATE: 07/08/09 18:38

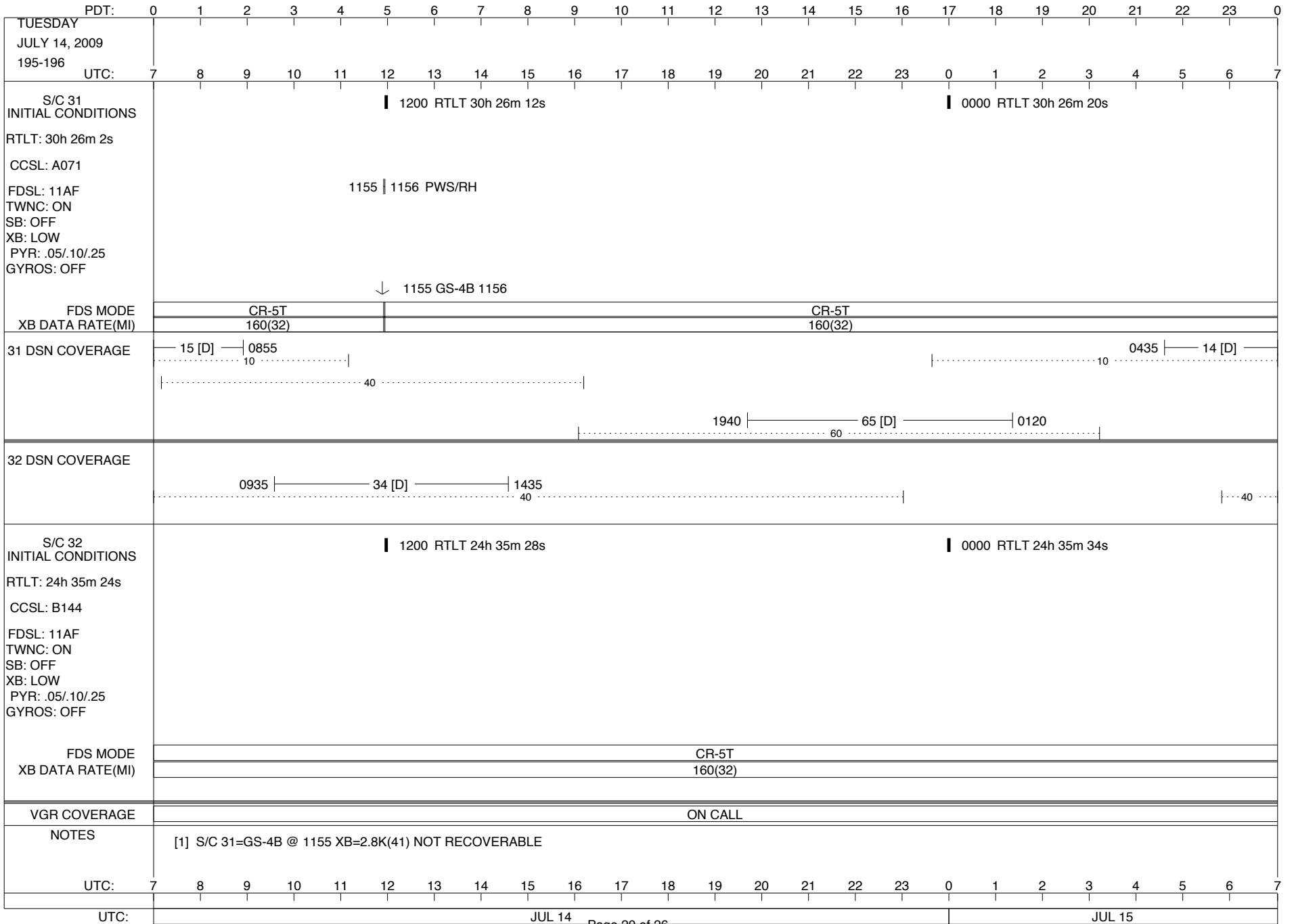
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S/C 31 INITIAL CONDITIONS RTLT: 30h 24m 50s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 25m 0s												0000 RTLT 30h 25m 8s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	15 [D] 083540												0430 14 [D]60													
32 DSN COVERAGE	0905 45 [D] 134040												2045 63 [D] 010060													
S/C 32 INITIAL CONDITIONS RTLT: 24h 34m 48s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 34m 52s												0000 RTLT 24h 34m 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 @ 1819 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:	JUL 10													JUL 11												

ISSUE DATE: 07/08/09 18:38





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S/C 31 INITIAL CONDITIONS RTLT: 30h 25m 44s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 25m 54s												0000 RTLT 30h 26m 2s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	14 [D] 084540												0345 15 [D] 2045 63 [D] 0105													
32 DSN COVERAGE	0855 34 [D] 141540											40													
S/C 32 INITIAL CONDITIONS RTLT: 24h 35m 14s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 35m 20s												0000 RTLT 24h 35m 24s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
VGR COVERAGE	ON CALL																									
NOTES																										
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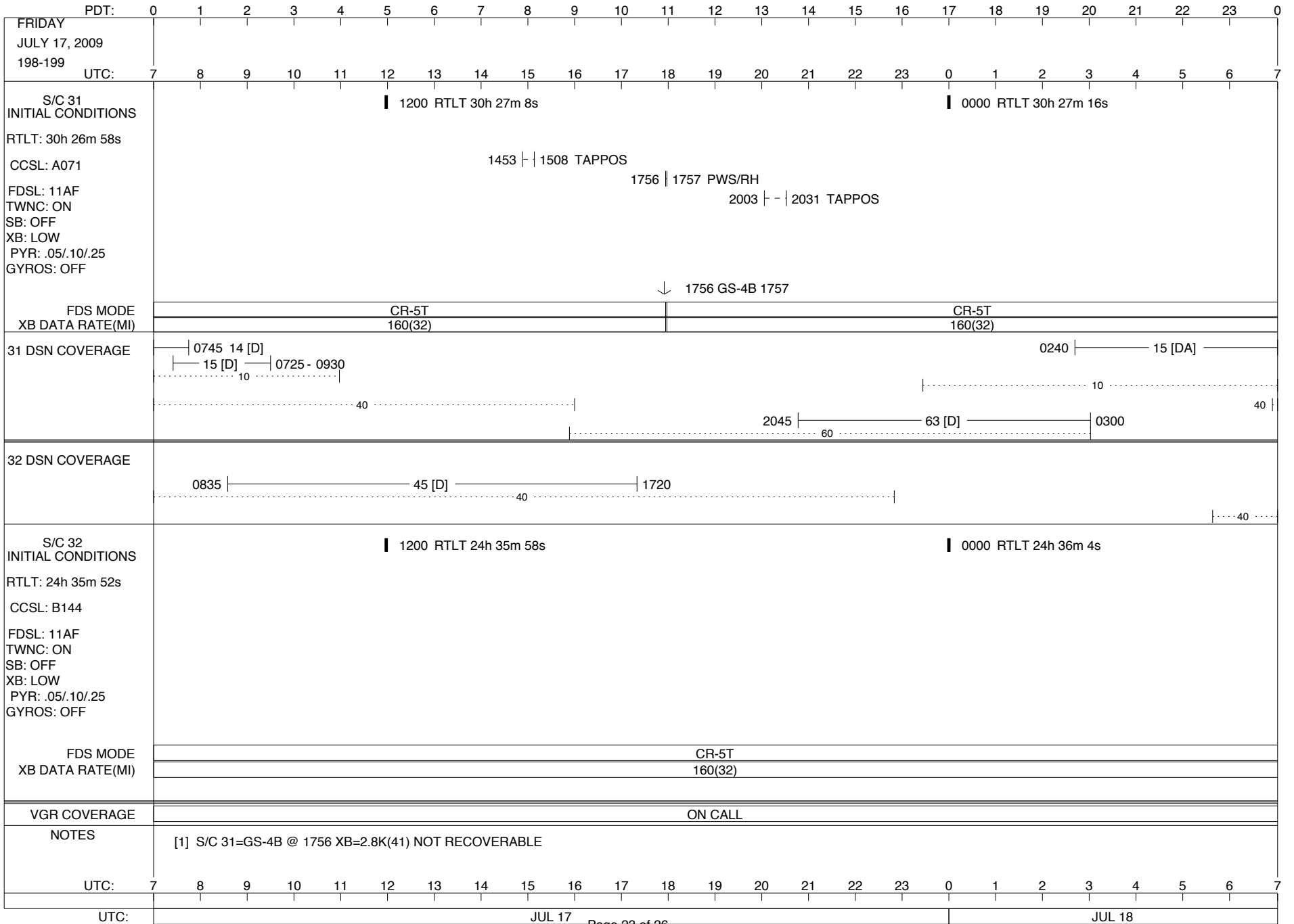


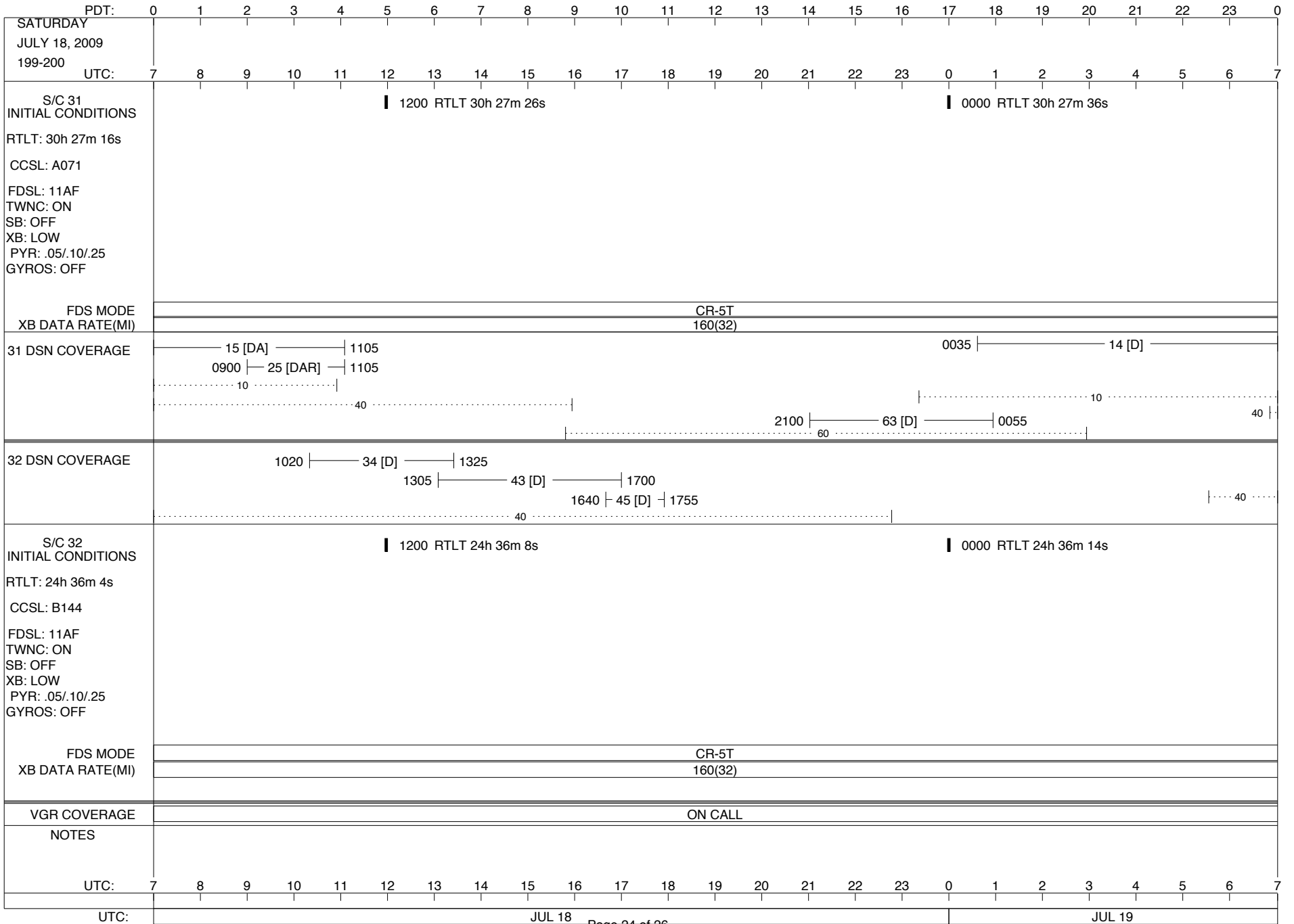
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WEDNESDAY JULY 15, 2009 196-197																												
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FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	<p>0715 14 [D] ----- 0305 ----- 15 [D] ----- </p> <p>0920 ----- 45 [D] ----- 1320 ----- </p> <p>2100 ----- 63 [T] ----- 0325</p>																											
32 DSN COVERAGE	<p>1405 ----- 45 [D] ----- 2145 ----- </p> <p>45 [D] 0630 ----- </p>																											
S/C 32 INITIAL CONDITIONS RTLT: 24h 35m 34s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 35m 38s												0000 RTLT 24h 35m 42s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
VGR COVERAGE	ON CALL												VGR				ON CALL											
NOTES																												
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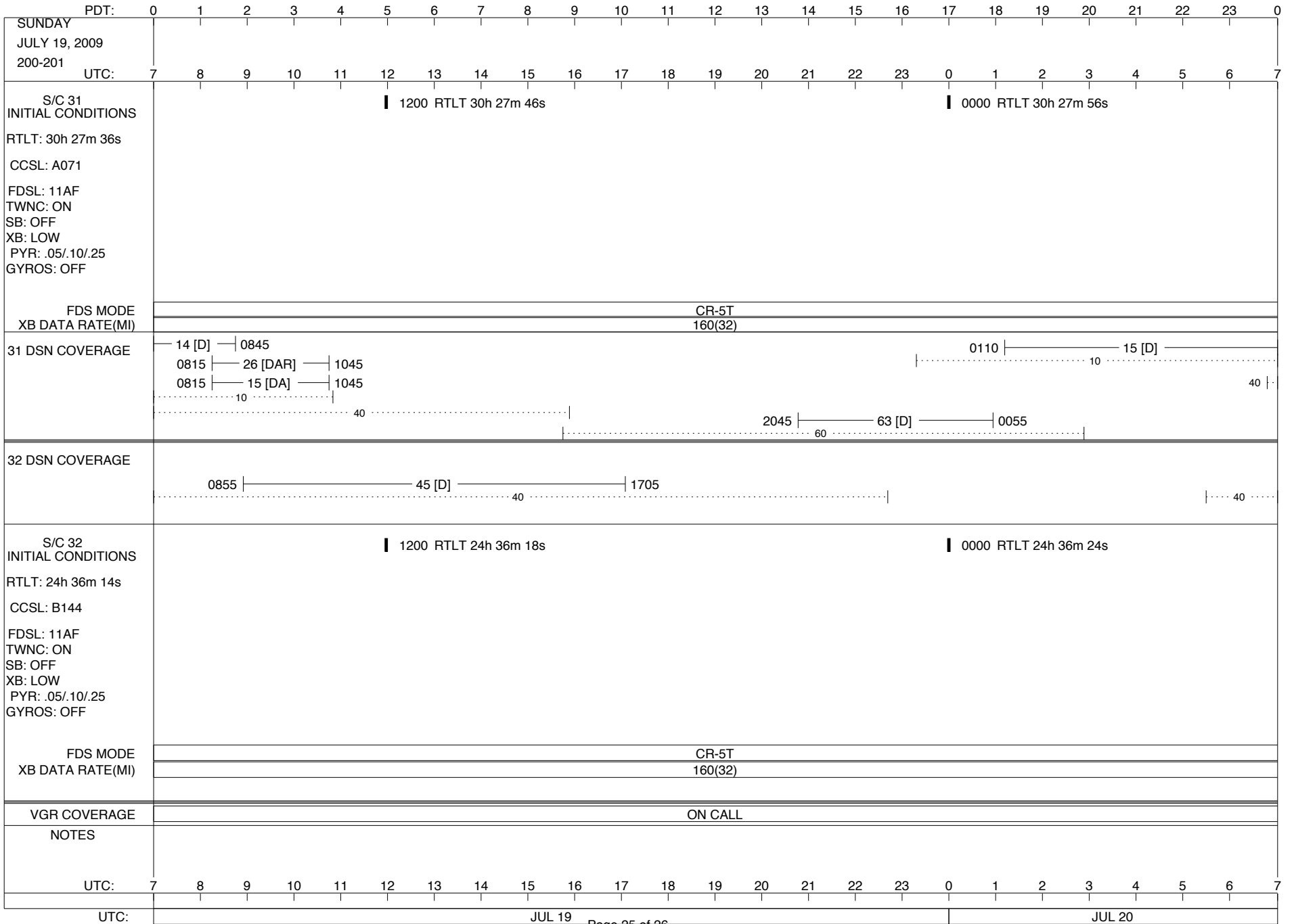
ISSUE DATE: 07/08/09 18:38

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THURSDAY JULY 16, 2009 197-198																									
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 26m 40s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 26m 48s												0000 RTLT 30h 26m 58s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	15 [D] 0935 10 1005 45 [D] 1155 40 2050 63 [D] 0100 60 40												0040 14 [D] 10 40												
32 DSN COVERAGE	45 [D] 0920 0900 43 [D] 1300 1240 45 [D] 1715 40 40												40												
S/C 32 INITIAL CONDITIONS RTLTL: 24h 35m 42s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 35m 48s												0000 RTLT 24h 35m 52s												
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:	JUL 16												JUL 17												

ISSUE DATE: 07/08/09 18:38







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 JULY 20, 2009 201-202																											
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 27m 56s CCSL: A071 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 30h 28m 4s</p> </div>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<div style="text-align: center;"> <p>15 [D] 0850</p> </div>																										
32 DSN COVERAGE	<div style="text-align: center;"> <p>0905 45 [D] 1700</p> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 24h 36m 24s CCSL: B144 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 24h 36m 30s</p> </div>																										
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:	JUL 20													JUL 21													