

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: September 16, 2009

For the Period: 09/17/09 to 10/05/09 (09-260 – 09-278)

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

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

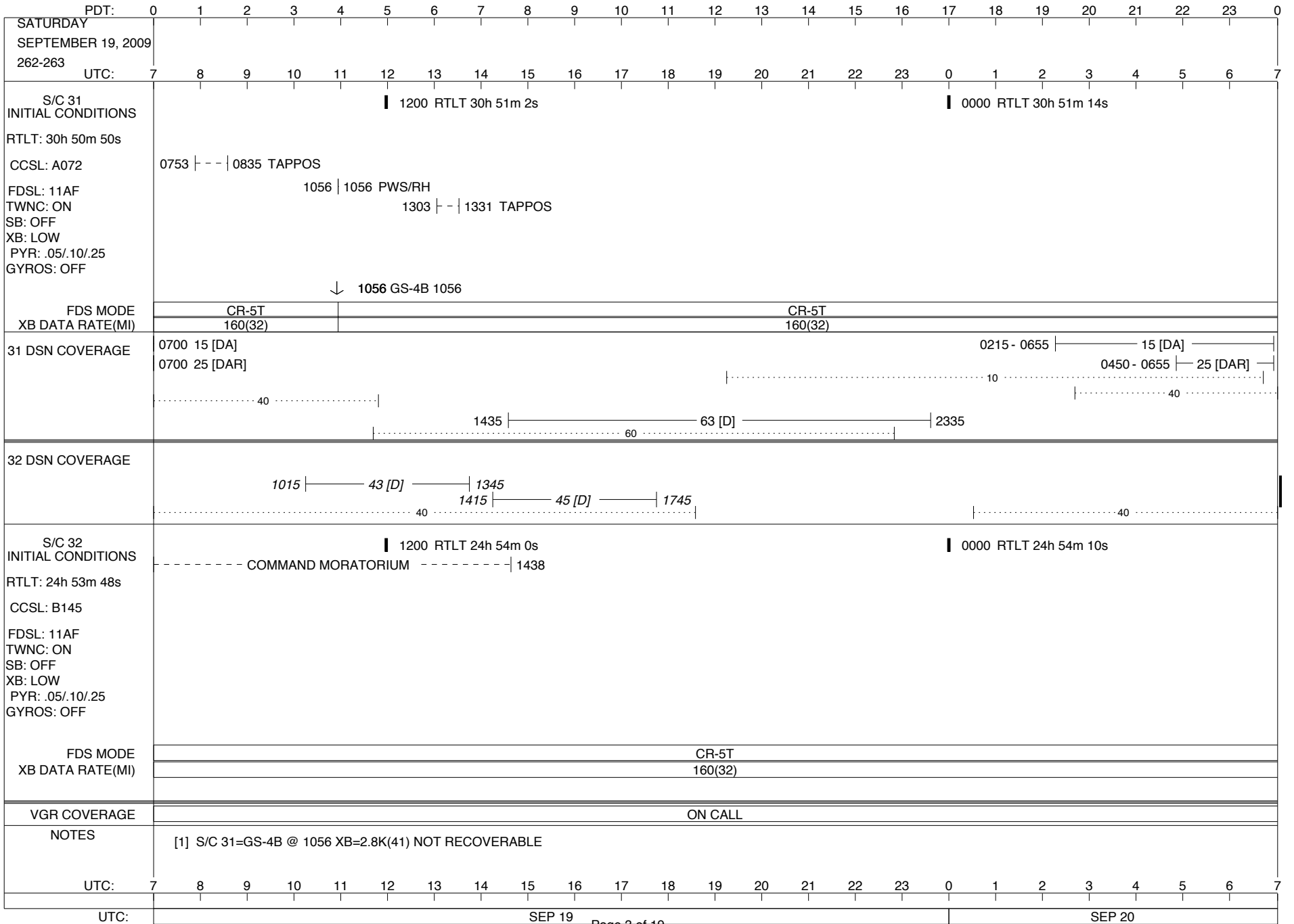
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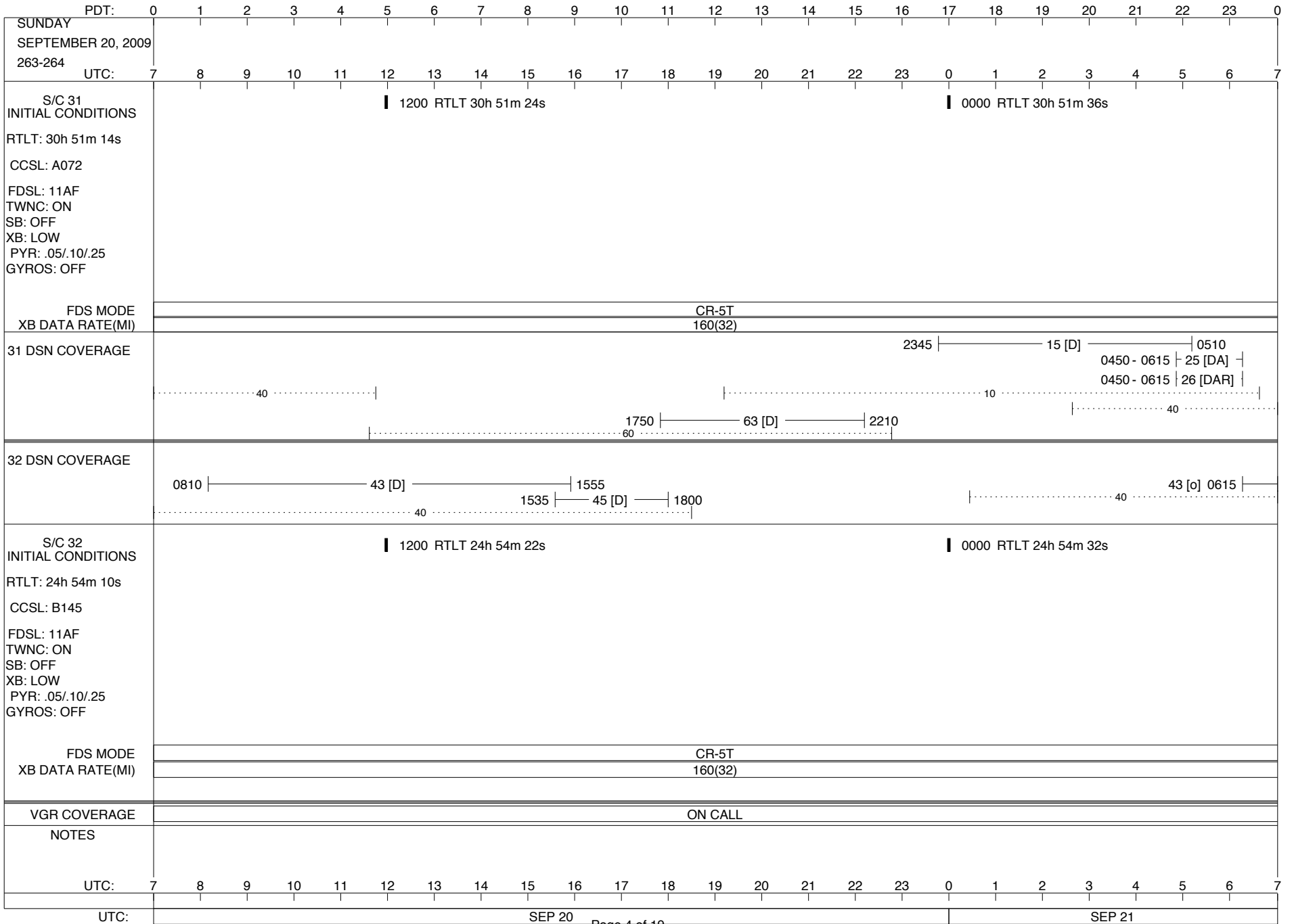
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S/C 31 INITIAL CONDITIONS	1200 RTLT 30h 50m 14s												0000 RTLT 30h 50m 26s												
RTLTL: 30h 50m 2s	----- TLC (LONG-FORM) ----- D/L - 0348																								
CCSL: A072																									
FDSL: 11AF																									
TWNC: ON																									
SB: OFF																									
XB: LOW																									
PYR: .05/.10/.25																									
GYROS: OFF																									
FDS MODE												CR-5T													
XB DATA RATE(MI)												160(32)													
31 DSN COVERAGE	0705 14 [D]												2330 ----- 15 [DA] ----- 0500 ----- 25 [DAR] ----- 40 10 40 2135 ----- 63 [D] ----- 2335												
32 DSN COVERAGE	43 [o] ----- 1210 40 40																								
S/C 32 INITIAL CONDITIONS	1200 RTLT 24h 53m 16s												0000 RTLT 24h 53m 26s												
RTLTL: 24h 53m 4s	1449 ----- COMMAND MORATORIUM -----																								
CCSL: B145																									
FDSL: 11AF																									
TWNC: ON																									
SB: OFF																									
XB: HI																									
PYR: .05/.10/.25																									
GYROS: BC ON																									
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:	SEP 17												SEP 18												

ISSUE DATE: 09/24/09 14:32

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FRIDAY SEPTEMBER 18, 2009 261-262																																				
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 50m 26s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 50m 38s												0000 RTLT 30h 50m 50s																							
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)																							
31 DSN COVERAGE	0705 15 [DA] 0705 25 [DAR]												0200 - 0700 15 [DA] 0500 - 0700 25 [DAR]																							
32 DSN COVERAGE	0800 43 [D] 1615												1955 63 [D] 2335																							
S/C 32 INITIAL CONDITIONS RTLT: 24h 53m 26s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 24h 53m 38s												0000 RTLT 24h 53m 48s																							
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)																							
VGR COVERAGE	ON CALL												VGR												ON CALL											
NOTES	[1] S/C 32=D/L AGC VARIATIONS EXPECTED DURING MAGROL (0917-1513)																																			
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:	SEP 18												SEP 19																							

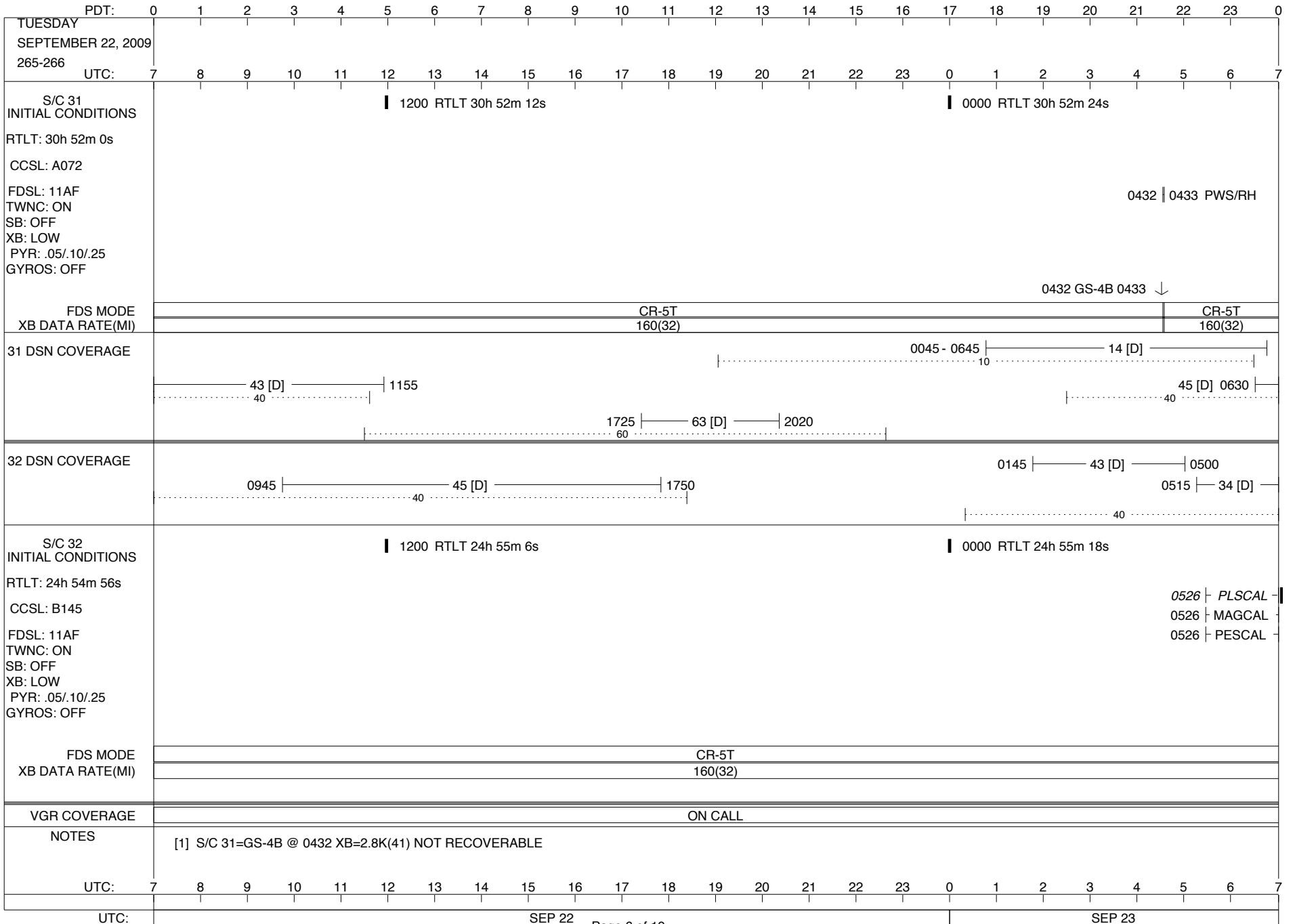
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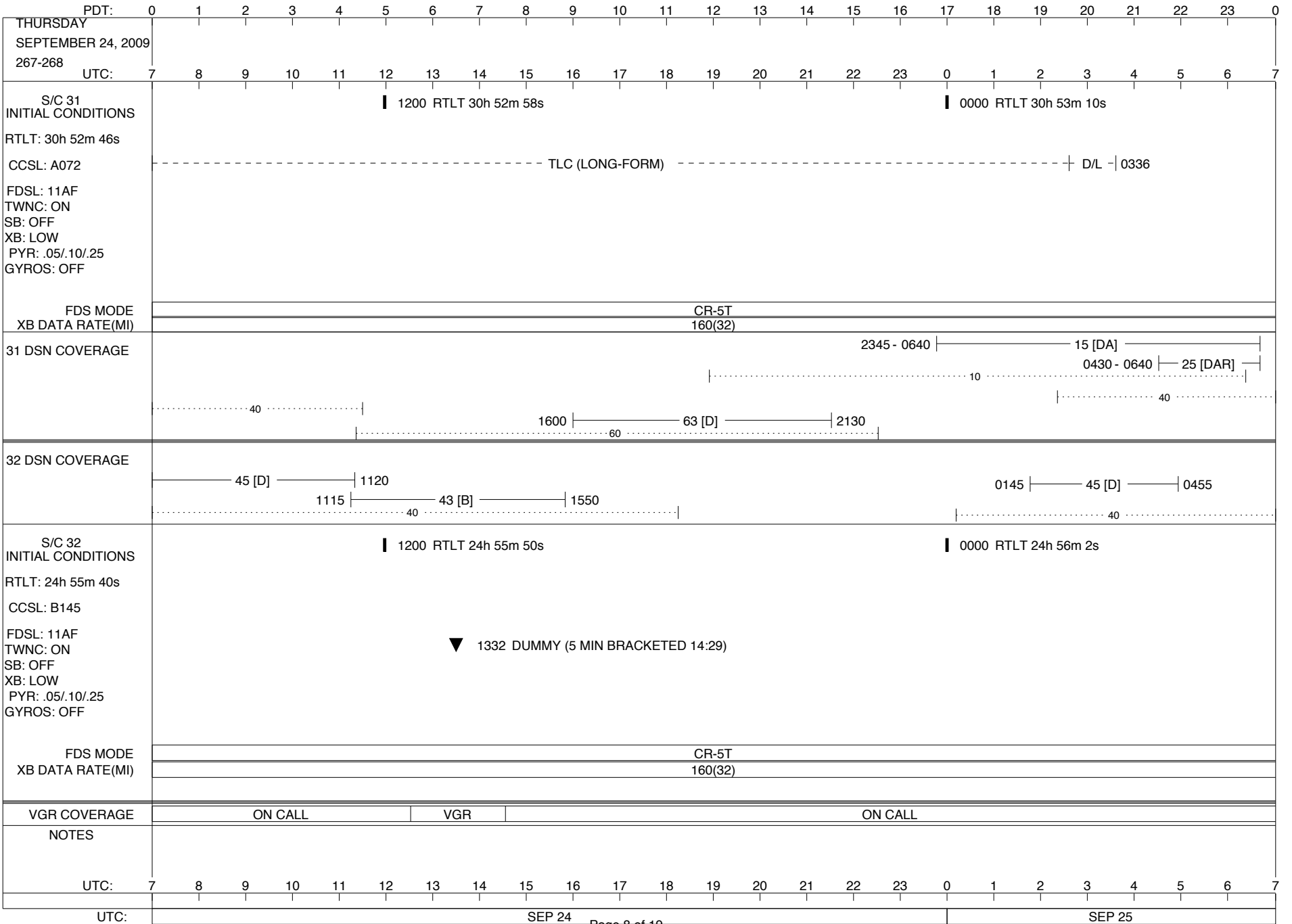
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MONDAY SEPTEMBER 21, 2009 264-265																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 30h 51m 36s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200																			
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLTL: 24h 54m 32s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200																			
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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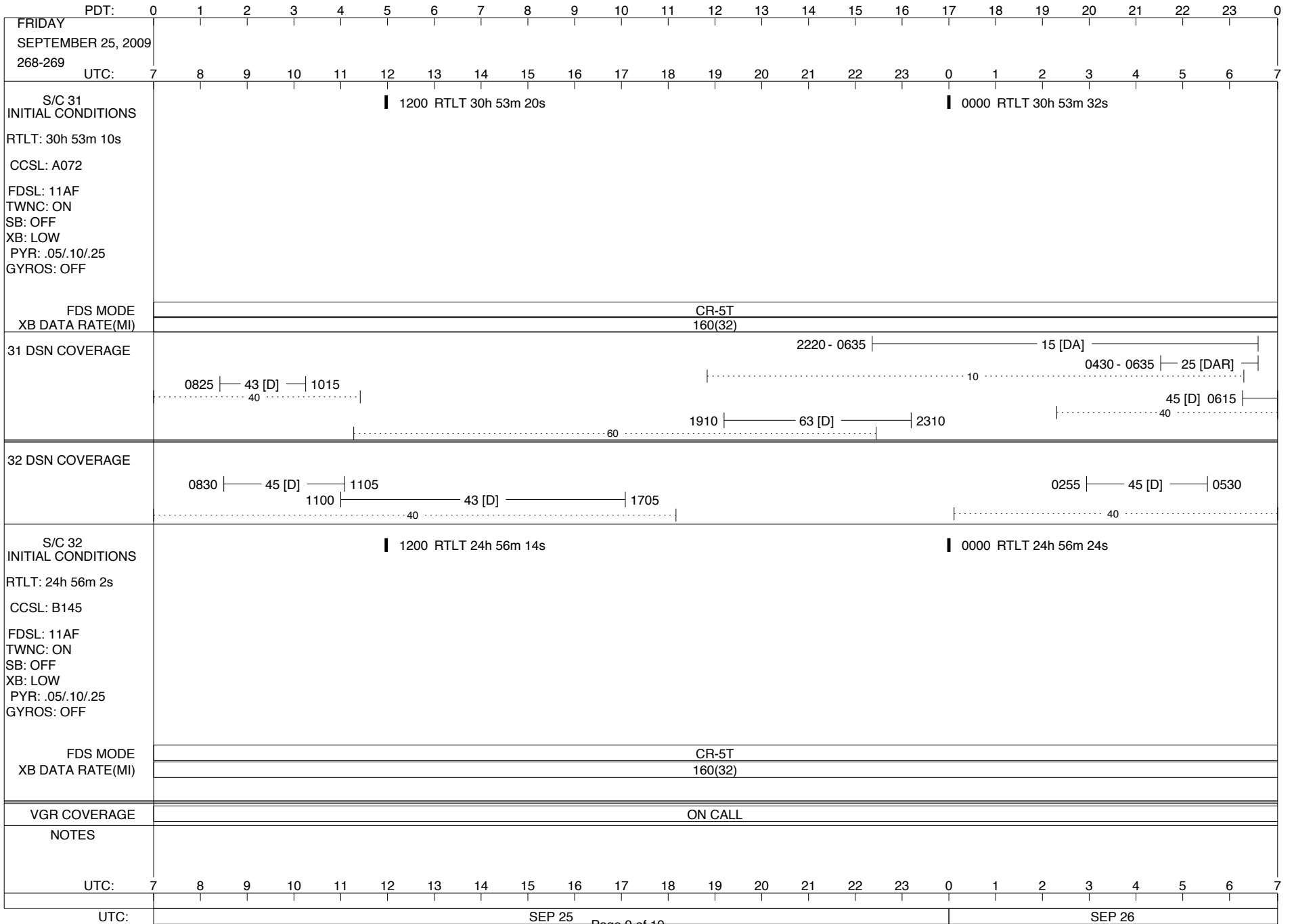


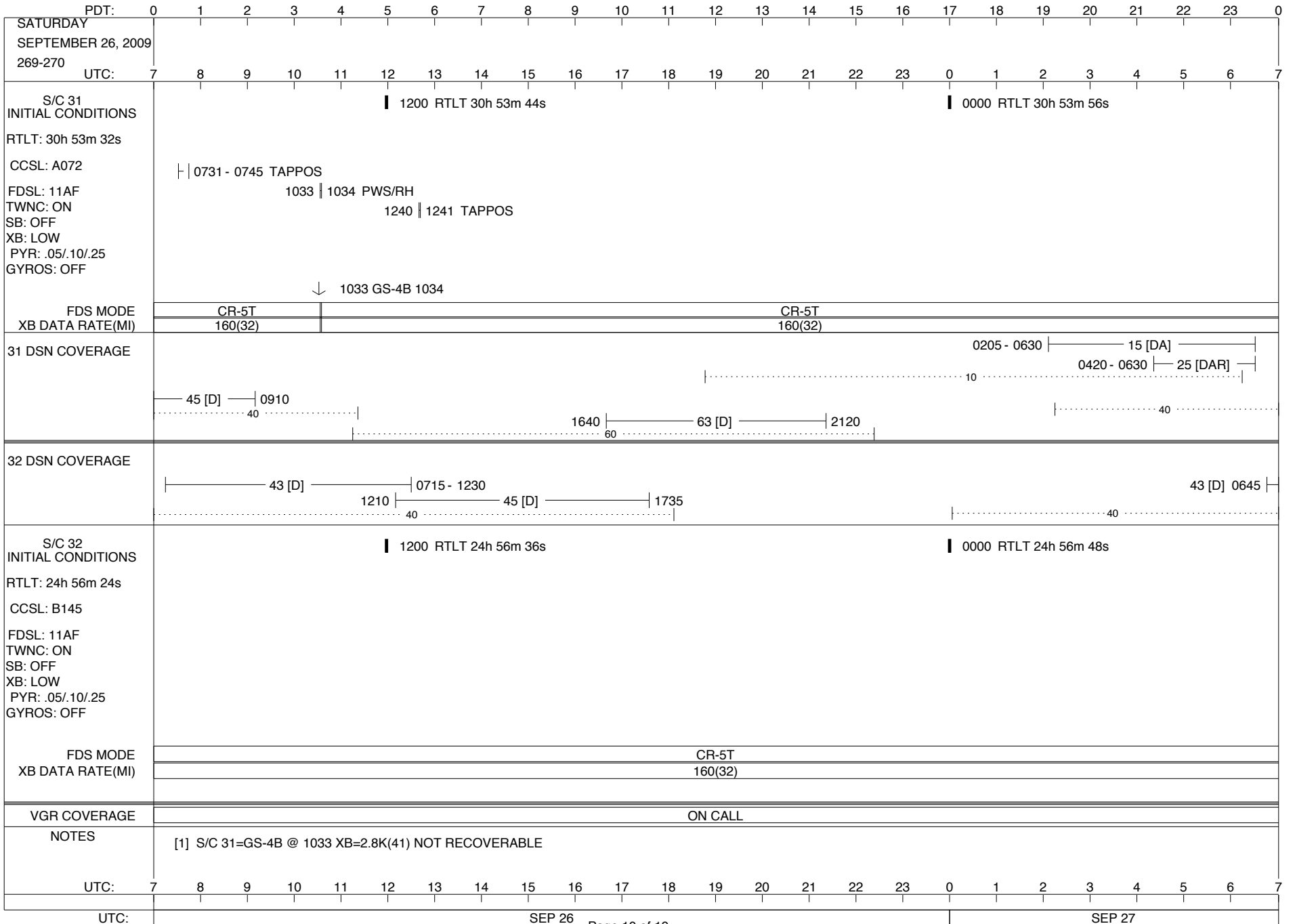
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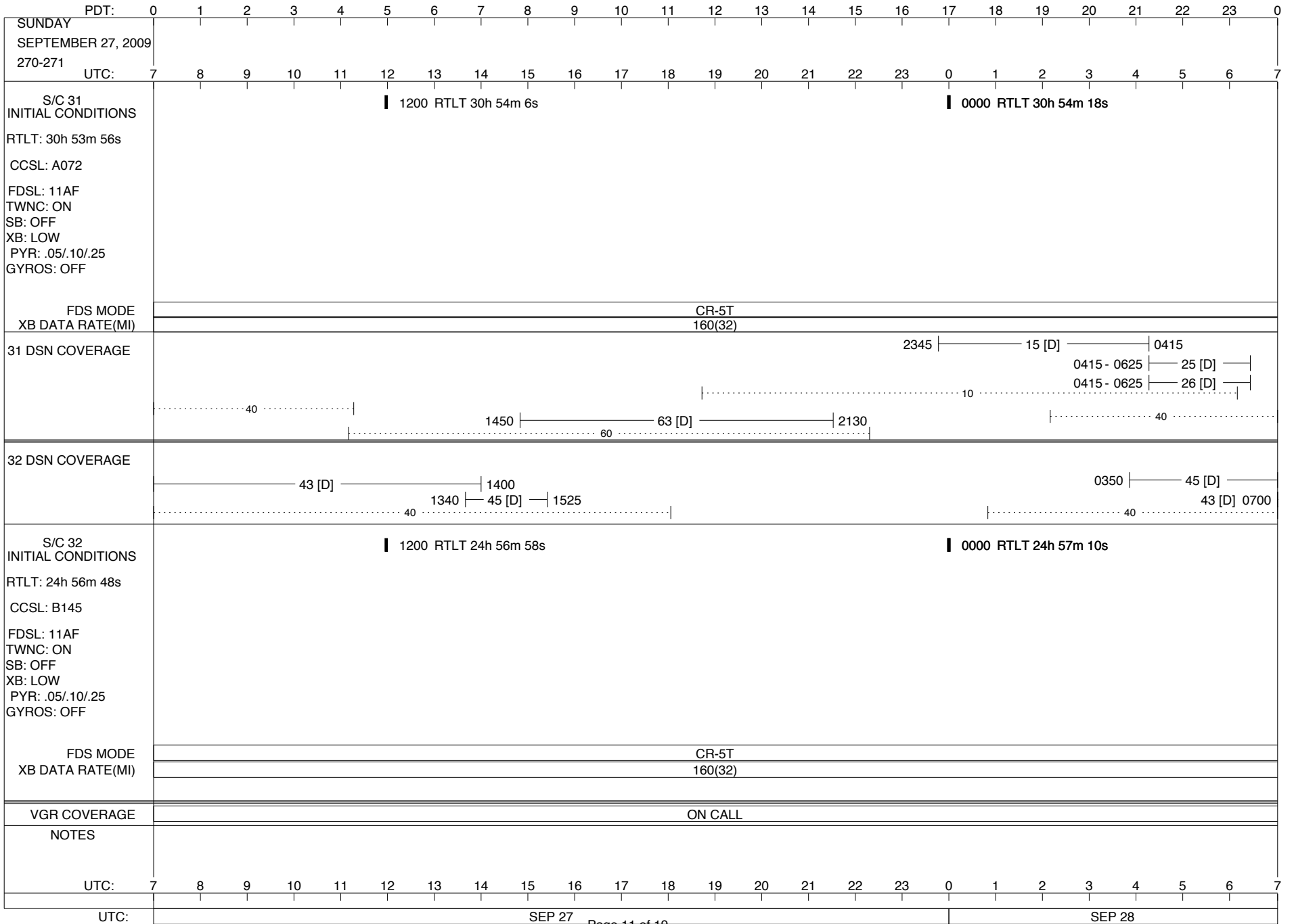
PDT: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0	
WEDNESDAY SEPTEMBER 23, 2009 266-267	
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7	
S/C 31 INITIAL CONDITIONS RTLT: 30h 52m 24s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 52m 34s 0000 RTLT 30h 52m 46s U/L 1915 - - - - - - TLC (LONG-FORM) ▼ 2115 DUMMY (04:08)
FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)
31 DSN COVERAGE	0105 ----- 15 [D] ----- 0535 45 [D] ----- 0910 0515 - 0645 25 [DA] 0515 - 0645 26 [DAR] 1445 ----- 63 [T] ----- 2315 40 60 40
32 DSN COVERAGE	34 [D] ----- 1135 1420 ----- 45 [D] ----- 1745 45 [D] 0630 ----- 40 40
S/C 32 INITIAL CONDITIONS RTLT: 24h 55m 18s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 55m 28s 0000 RTLT 24h 55m 40s 0718 PLSCAL MAGCAL 0841 PESCAL - 0858
FDS MODE	CR-5T
XB DATA RATE(MI)	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: SEP 23 Page 7 of 19 SEP 24	

ISSUE DATE: 09/24/09 14:32







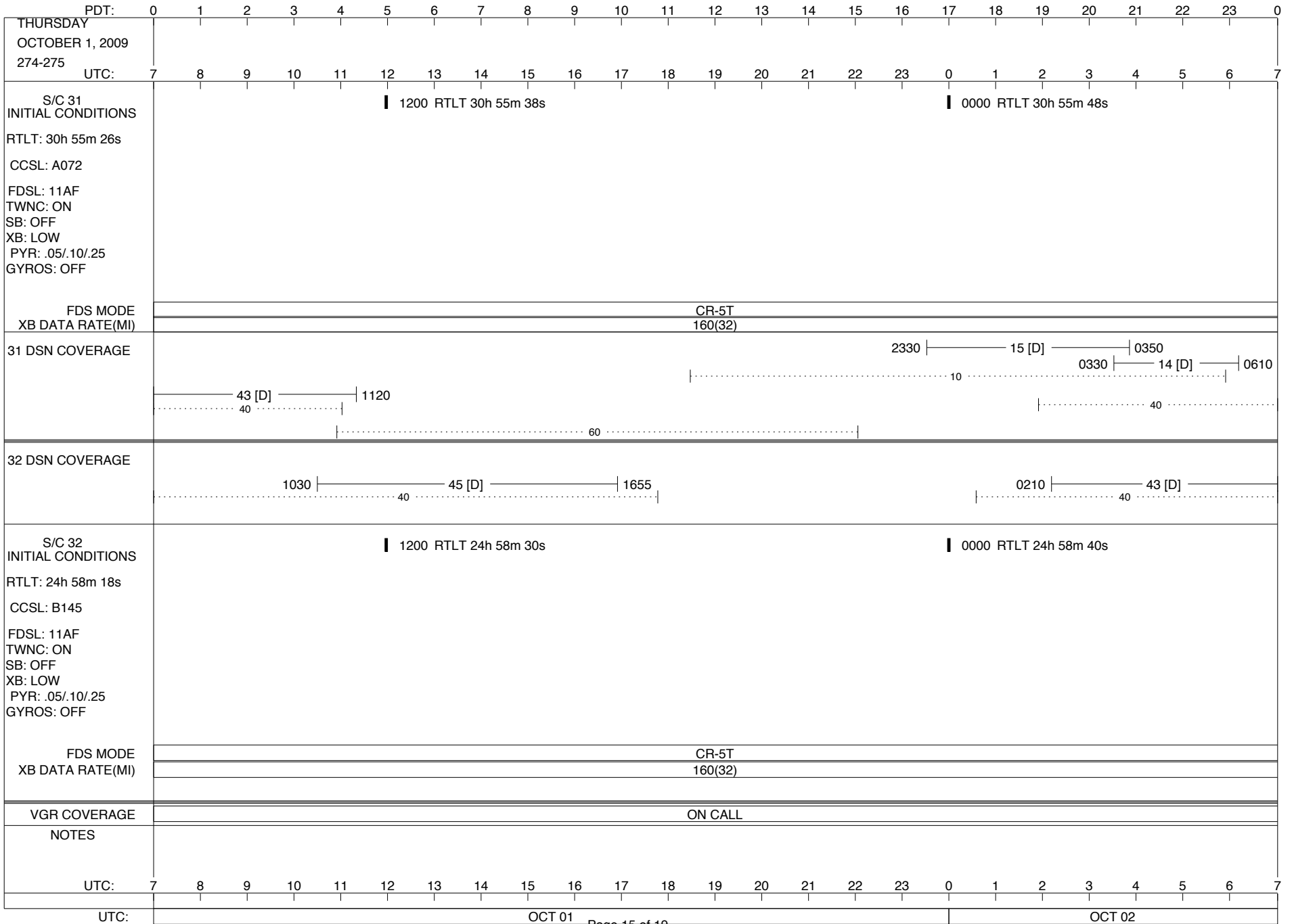


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MONDAY SEPTEMBER 28, 2009 271-272																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLTL: 30h 54m 18s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 30h 54m 30s												0000 RTLTL 30h 54m 40s														
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)														
31 DSN COVERAGE																											
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLTL: 24h 57m 10s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 24h 57m 22s												0000 RTLTL 24h 57m 32s														
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:	SEP 28												Page 12 of 19			SEP 29											

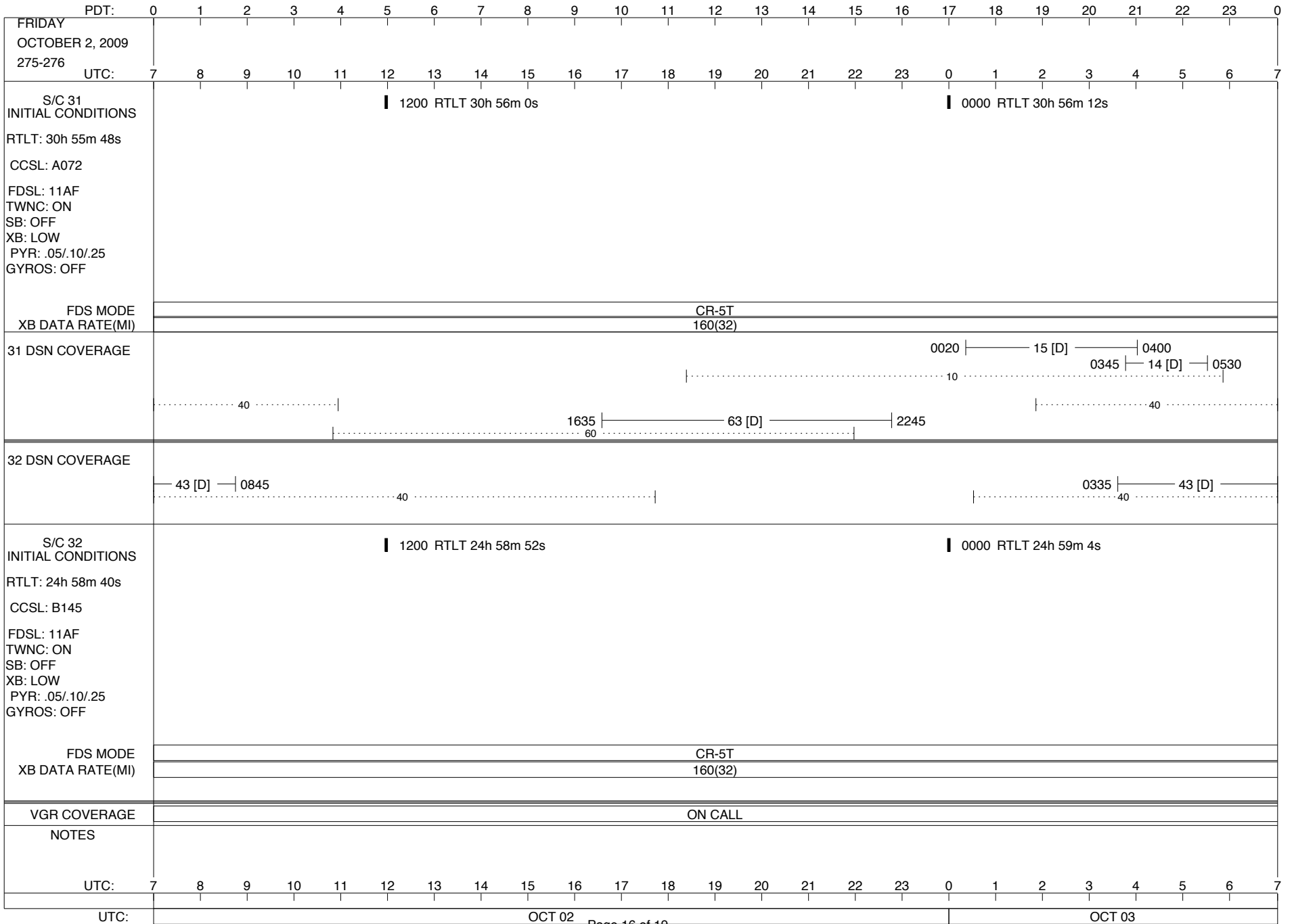
ISSUE DATE: 09/24/09 14:32

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 SEPTEMBER 29, 2009 272-273																									
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 54m 40s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 30h 54m 52s												█ 0000 RTLTL 30h 55m 4s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	40												0055 15 [D] 0410 0355 - 0620 14 [D]												
	1700 63 [D] 2120												40												
32 DSN COVERAGE	1050 34 [D] 1420												0505 45 [D]												
S/C 32 INITIAL CONDITIONS RTLTL: 24h 57m 32s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 24h 57m 44s												█ 0000 RTLTL 24h 57m 56s												
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 @ 0410 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:	SEP 29												SEP 30												

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
WEDNESDAY SEPTEMBER 30, 2009 273-274																									
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 55m 4s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 30h 55m 14s												0000 RTLTL 30h 55m 26s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	40 1645 ----- 63 [D] ----- 2140 60												2325 ----- 15 [D] ----- 0350 10 0330 - 0615 ----- 14 [D] ----- 40 43 [D] 0645												
32 DSN COVERAGE 45 [D] ----- 1315 40 1310 ----- 43 [B] ----- 1835 40												
S/C 32 INITIAL CONDITIONS RTLTL: 24h 57m 56s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 24h 58m 6s												0000 RTLTL 24h 58m 18s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	▼ 1527 DUMMY (5 MIN BRACKETED 16:26)																								
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:	SEP 30												OCT 01												

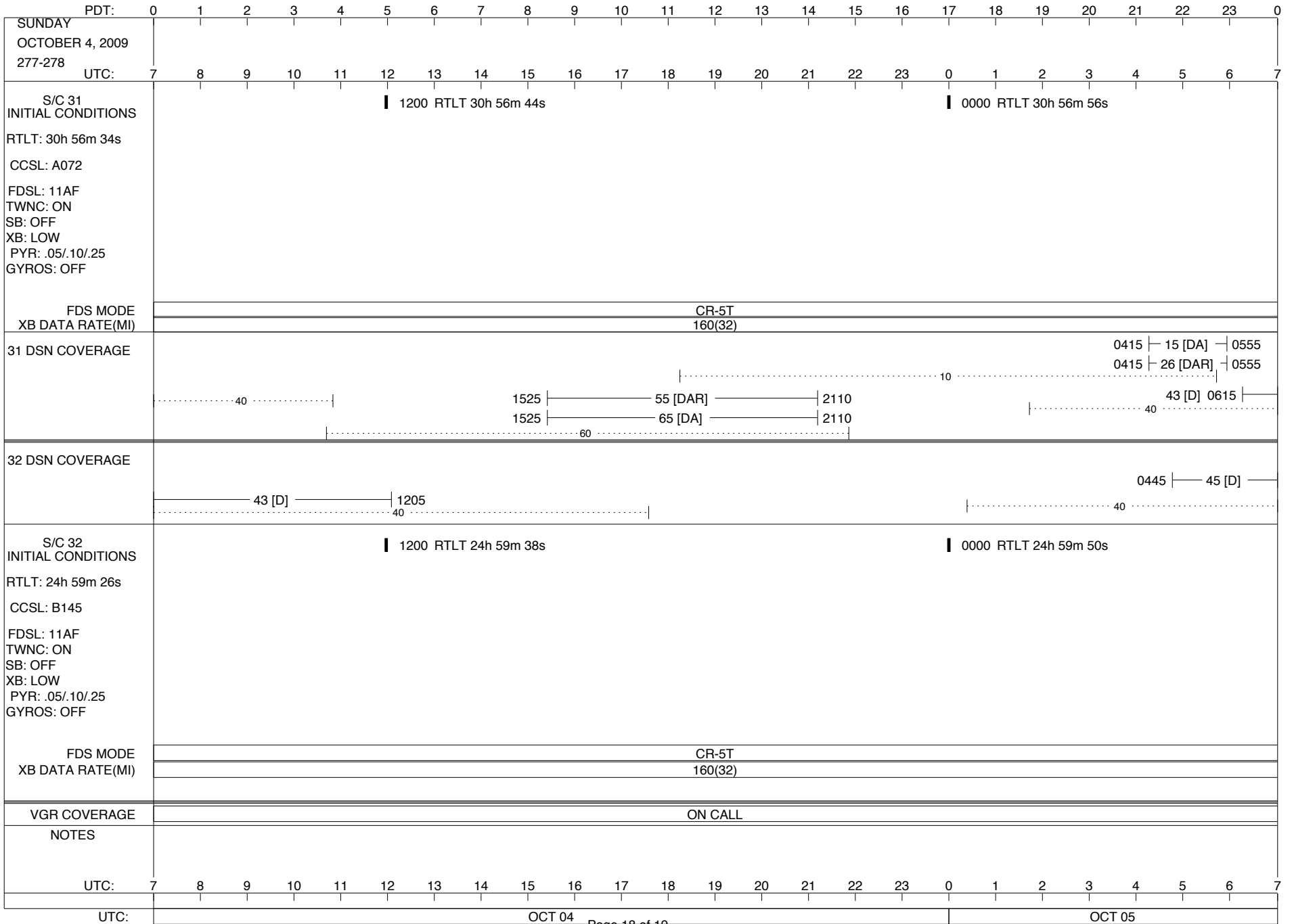


ISSUE DATE: 09/24/09 14:32



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SATURDAY OCTOBER 3, 2009 276-277	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 56m 12s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 56m 22s												0000 RTLT 30h 56m 34s												
	0708 - 0721 TAPPOS																								
	1010 1011 PWS/RH																								
	1218 - 1245 TAPPOS																								
	↓ 1010 GS-4B 1011																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	40												0335 15 [DA] 0605 0420 25 [DAR] 0605 1415 55 [DAR] 2230 1415 65 [DA] 2230 60												
32 DSN COVERAGE	43 [D] 1535												0145 - 0635 45 [D] 43 [D] 0615												
S/C 32 INITIAL CONDITIONS RTLTL: 24h 59m 4s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 59m 16s												0000 RTLT 24h 59m 26s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1010 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:	OCT 03												OCT 04												

ISSUE DATE: 09/24/09 14:32



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 OCTOBER 5, 2009 278-279																											
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 56m 56s CCSL: A072 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 30h 57m 6s</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE																											
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLT: 24h 59m 50s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 25h 0m 2s</p>																										
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:	OCT 05													OCT 06													