

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: September 19, 2013

For the Period: 09/19/13 to 10/07/13 (13-262 – 13-280)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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 PLS *vgr@space.mit.edu
 PWS *wsk@space.physics.uiowa.edu
 *Leonard.F.Burlaga@nasa.gov
 *Donald-Gurnett@uiowa.edu

FLIGHT TEAM (14) 600-100

Dodd, S.
 Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina
 Peralta, F.
 Weeks, T.
 Wong, R.
 Yang, L.
 Zottarelli, L.
 *odivers@san.rr.com

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: 09/26/13 14:01

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

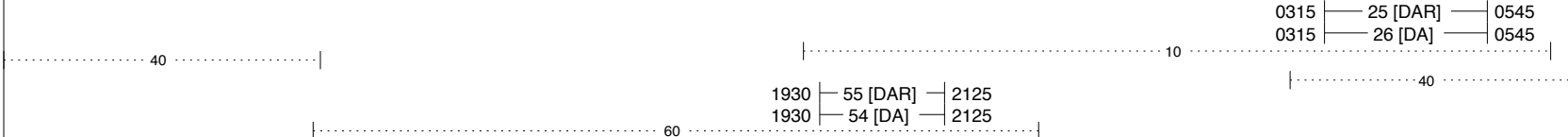
THURSDAY
SEPTEMBER 19, 2013
262-263
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

S/C 31
INITIAL CONDITIONS
RTLTL: 34h 48m 46s
CCSL: A088
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLTL 34h 48m 58s 0000 RTLTL 34h 49m 10s

FDS MODE CR-5T
XB DATA RATE(MI) 160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLTL: 28h 23m 52s
CCSL: B161
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25/
GYROS: OFF

1200 RTLTL 28h 24m 4s 0000 RTLTL 28h 24m 14s

FDS MODE CR-5T
XB DATA RATE(MI) 160(32)

VGR COVERAGE ON CALL

NOTES

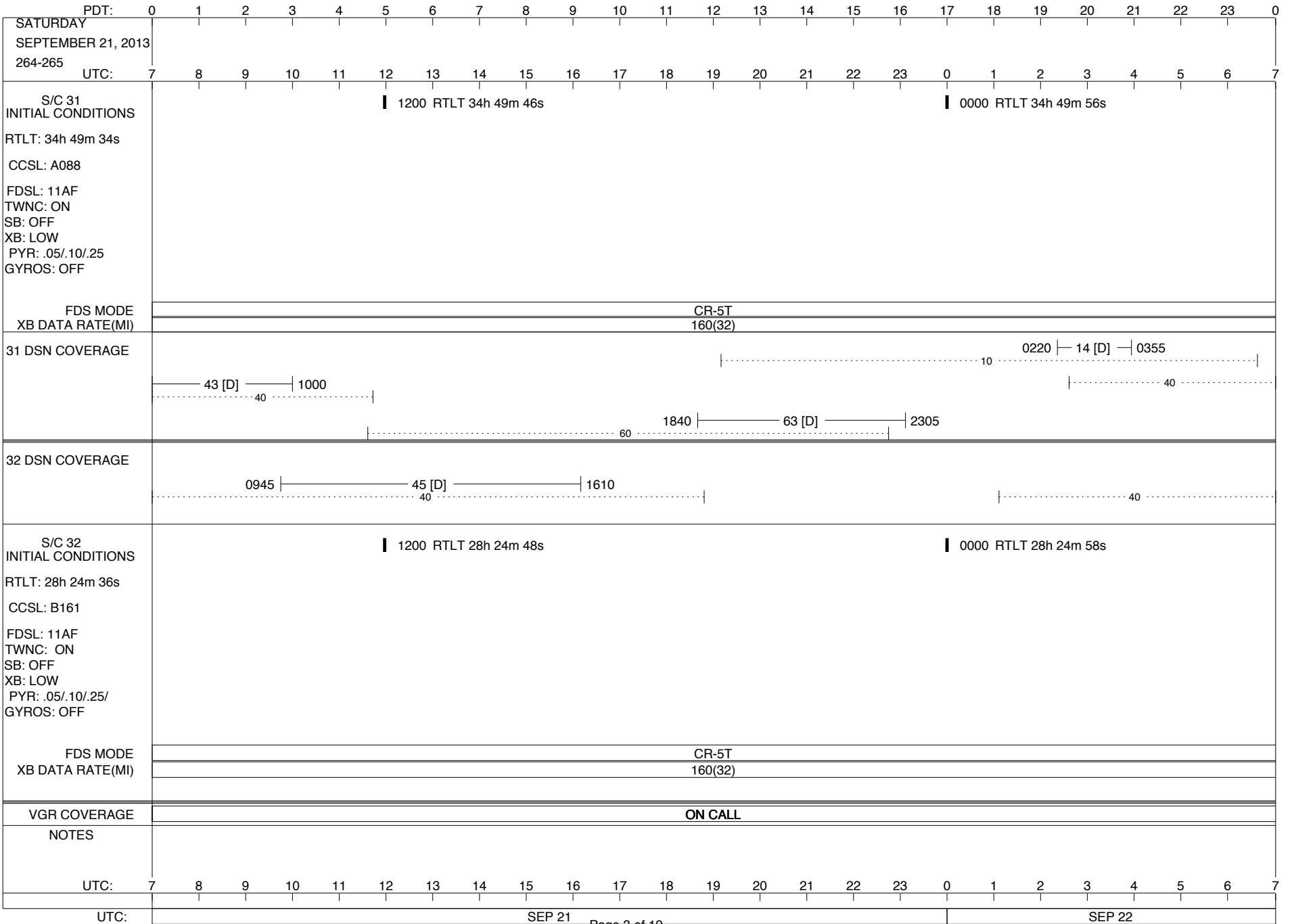
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UTC: SEP 19 Page 1 of 19 SEP 20

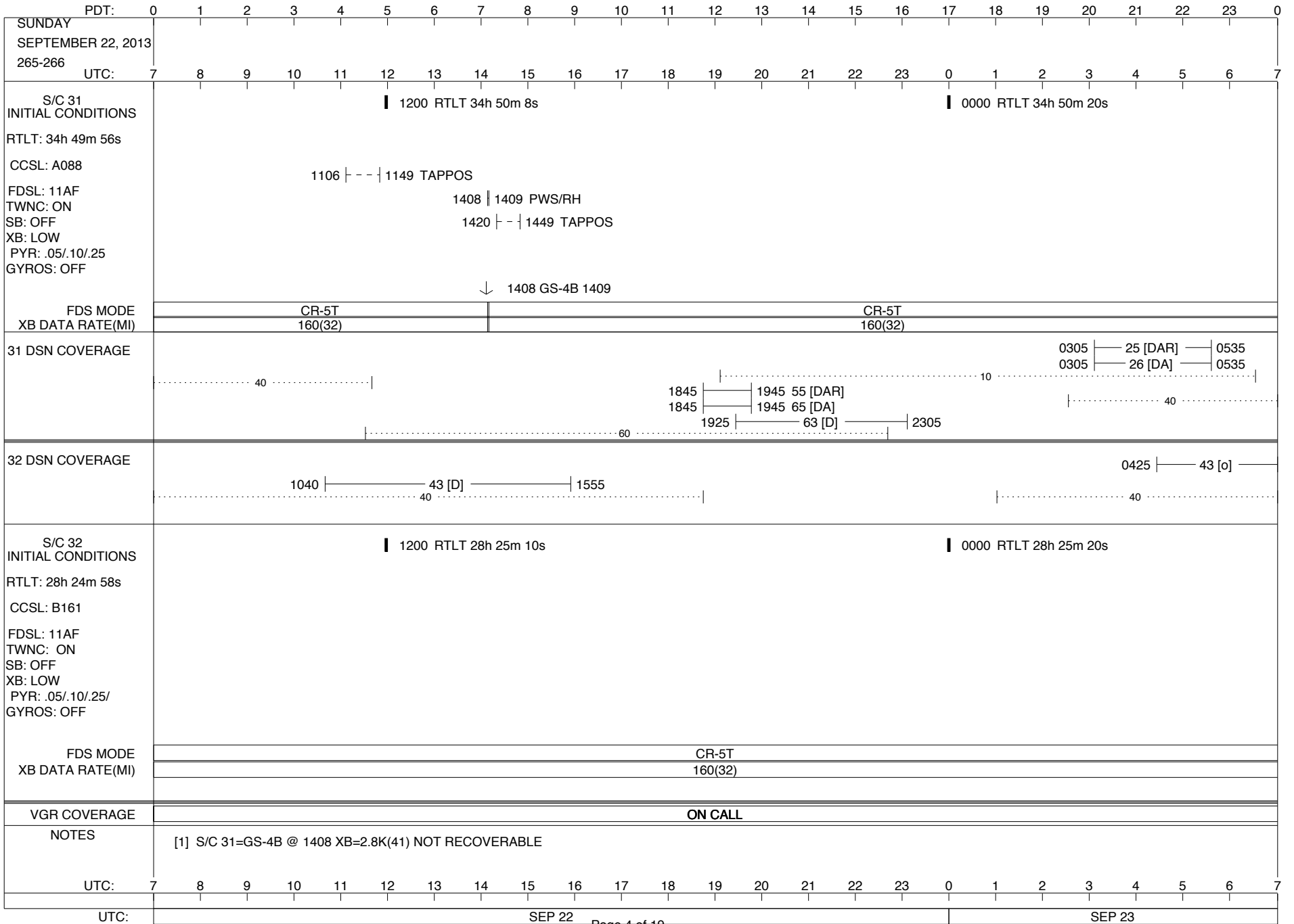
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FRIDAY SEPTEMBER 20, 2013 263-264	
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7	
S/C 31 INITIAL CONDITIONS RTLTL: 34h 49m 10s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLTL 34h 49m 22s</p> <p>0806 |----| 0903 TAPPOS</p> <p>1107 || 1109 PWS/RH</p> <p>1120 |--| 1202 TAPPOS</p> <p>↓ 1107 GS-4B 1109</p> <p>1200 RTLTL 34h 49m 22s</p> <p>0000 RTLTL 34h 49m 34s</p>
FDS MODE XB DATA RATE(MI)	<p>CR-5T 160(32)</p> <p>CR-5T 160(32)</p>
31 DSN COVERAGE	<p>0915 |--- 43 [D] ---| 1140</p> <p>1910 |--- 63 [D] ---| 2310</p> <p>0545 |--- 43 [D] ---|</p>
32 DSN COVERAGE	<p>1105 |--- 45 [D] ---| 1245</p> <p>1225 |--- 43 [D] ---| 1725</p>
S/C 32 INITIAL CONDITIONS RTLTL: 28h 24m 14s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<p>1200 RTLTL 28h 24m 26s</p> <p>0000 RTLTL 28h 24m 36s</p>
FDS MODE XB DATA RATE(MI)	<p>CR-5T 160(32)</p>
VGR COVERAGE	ON CALL
NOTES	[1] S/C 31=GS-4B @ 1107 XB=2.8K(41) NOT RECOVERABLE
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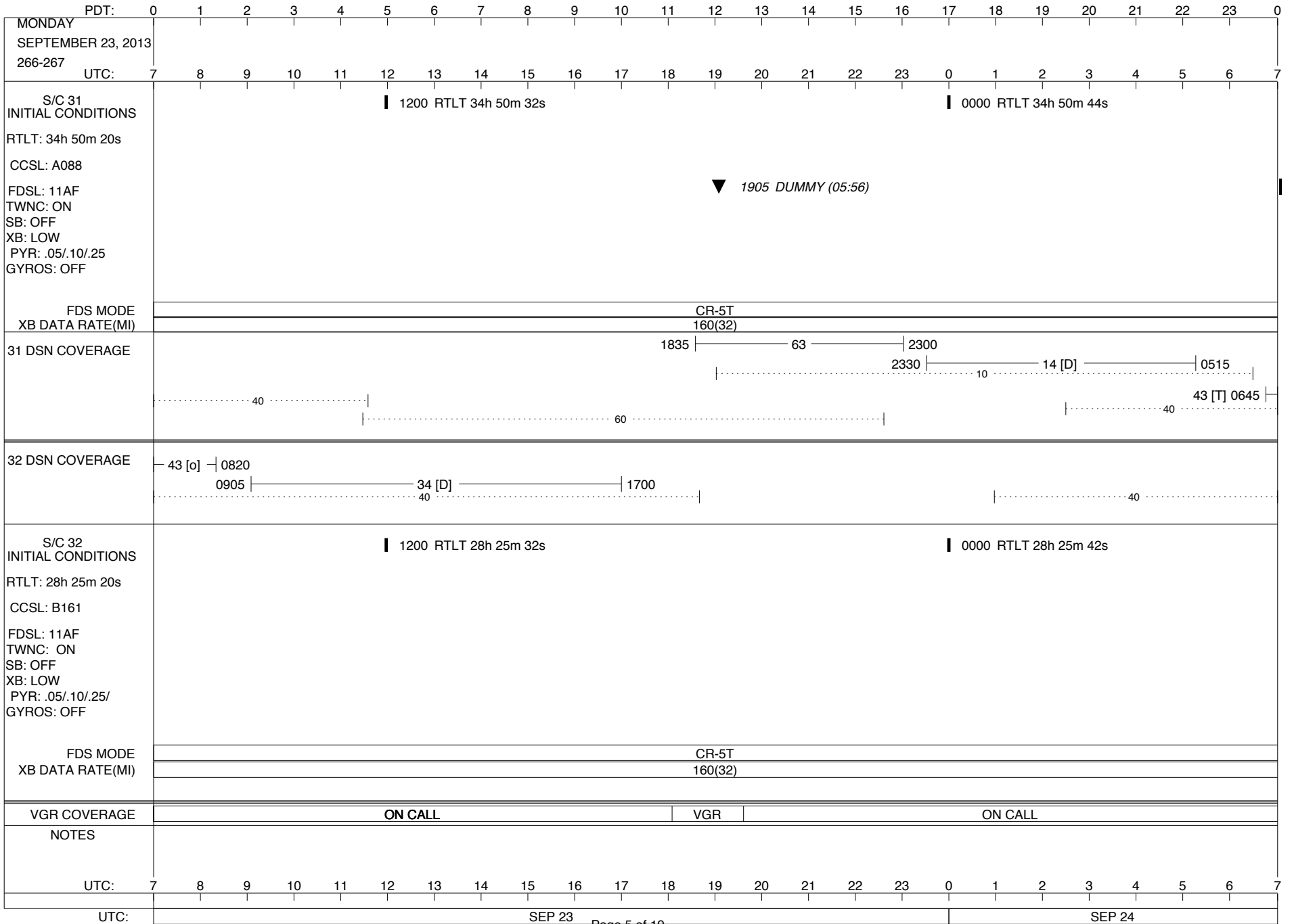
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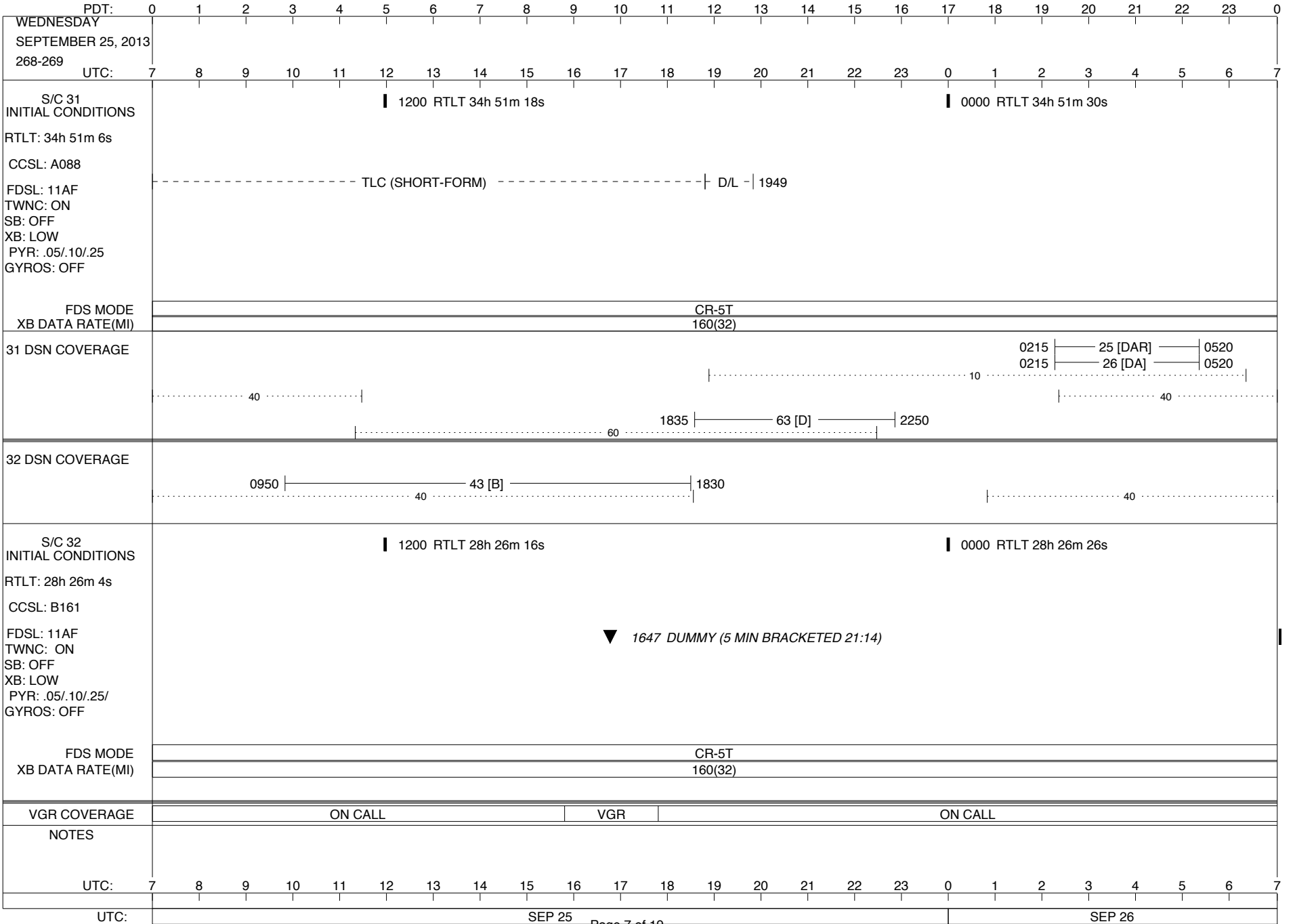
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S/C 31 INITIAL CONDITIONS RTLTL: 34h 50m 44s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 50m 54s												0000 RTLT 34h 51m 6s													
U/L - 0730 -	----- TLC (SHORT-FORM) -----																									
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>43 [T] 1045</p> <p>40</p> </div> <div style="width: 45%;"> <p>1905 63 [D] 2255</p> <p>60</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <p>0315 24 [DAR] 0525</p> <p>0315 25 [DA] 0525</p> <p>10</p> </div> <div style="width: 45%;"> <p>40</p> </div> </div>																									
32 DSN COVERAGE	<p>1010 34 [D] 1655</p> <p>40</p> <p>40</p>																									
S/C 32 INITIAL CONDITIONS RTLTL: 28h 25m 42s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 25m 54s												0000 RTLT 28h 26m 4s													
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 @ 0431 XB=2.8K(41) NOT RECOVERABLE																									
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ISSUE DATE: 09/26/13 14:01



ISSUE DATE: 09/26/13 14:01

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S/C 31 INITIAL CONDITIONS RTLTL: 34h 51m 30s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 51m 42s													0000 RTLTL 34h 51m 52s													
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE 40 40													
 60 40													
32 DSN COVERAGE	0835 ----- 43 [D] ----- 1430																										
 40 40													
S/C 32 INITIAL CONDITIONS RTLTL: 28h 26m 26s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 28h 26m 38s													0000 RTLTL 28h 26m 48s													
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		
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ISSUE DATE: 09/26/13 14:01

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FRIDAY SEPTEMBER 27, 2013 270-271																									
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S/C 31 INITIAL CONDITIONS RTLTL: 34h 51m 52s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 34h 52m 4s												█ 0000 RTLTL 34h 52m 16s												
	| - - | 0743 - 0826 TAPPOS																								
	1045 | 1046 PWS/RH																								
	1057 | - | 1126 TAPPOS																								
	↓ 1045 GS-4B 1046																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	.....40.....|												0300 | 25 [DA] | 0505 0300 | 26 [DAR] | 0505 0445 | 14 [D] | 0610 |.....40.....|												
	|.....60.....|												1905 | 63 [D] | 2245											
32 DSN COVERAGE	0930 | 45 [D] | 1640.....40.....|												|.....40.....|												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 26m 48s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLTL 28h 27m 0s												█ 0000 RTLTL 28h 27m 12s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1045 XB=2.8K(41) NOT RECOVERABLE																								
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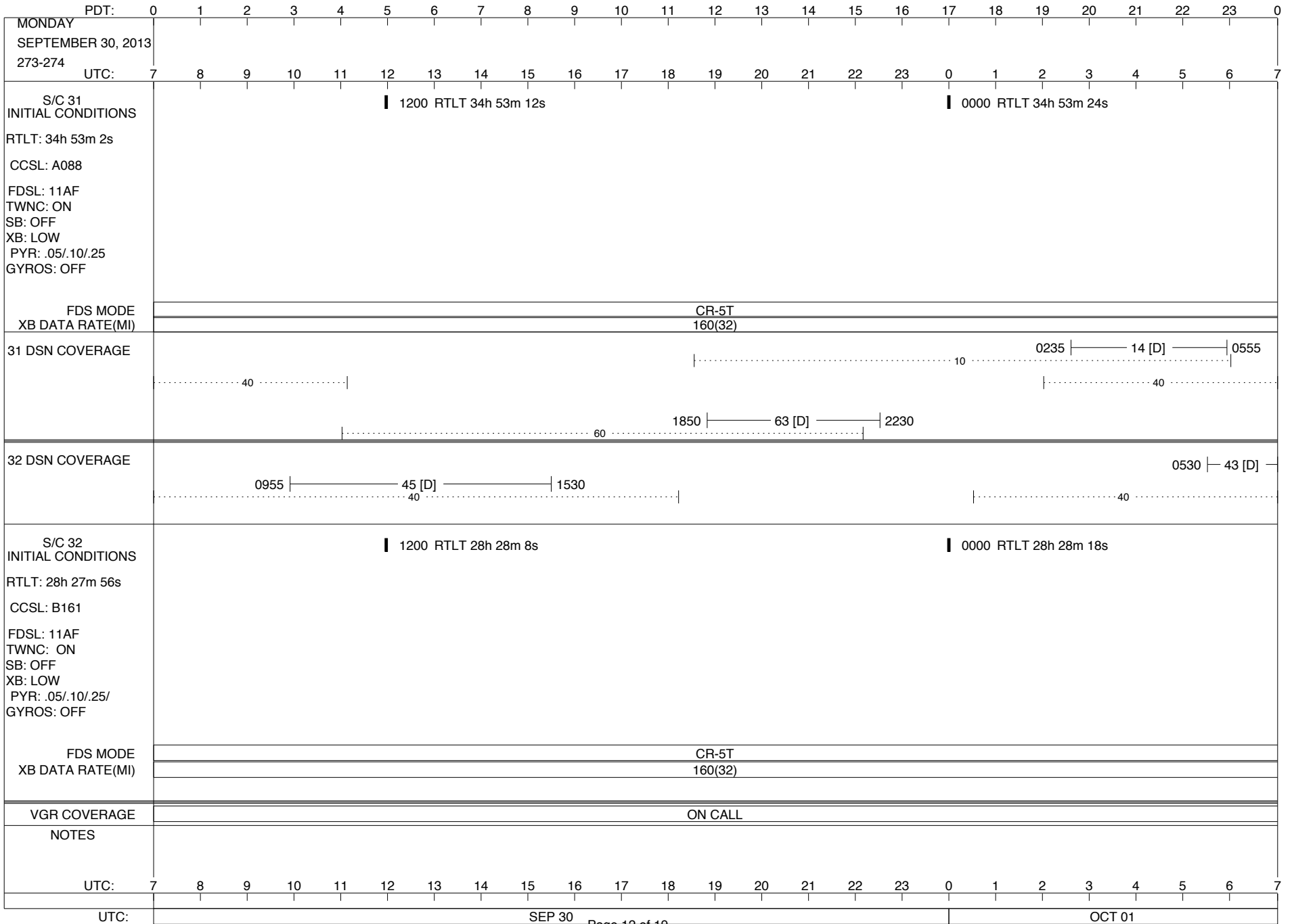
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S/C 31 INITIAL CONDITIONS RTLTL: 34h 52m 16s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 52m 26s												0000 RTLTL 34h 52m 38s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE40.....											10.....												
1840.....											40.....												
60.....											2240.....												
32 DSN COVERAGE0915.....											40.....												
43 [D].....											1715.....												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 27m 12s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 28h 27m 22s												0000 RTLTL 28h 27m 34s												
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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ISSUE DATE: 09/26/13 14:01

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SUNDAY SEPTEMBER 29, 2013 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: 34h 52m 38s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 34h 52m 50s												| 0000 RTLTL 34h 53m 2s													
	1044 | - | 1113 TAPPOS												1345 | 1347 PWS/RH													
													1357 | | 1413 TAPPOS													
													↓ 1345 GS-4B 1347													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	.....40.....|												.....1805 |-----63 [D]-----| 2235											
													.....0250 |-----14 [D]-----| 0605												
													.....40.....|													
32 DSN COVERAGE	.....0940 |-----43 [D]-----| 1710												.....40.....|													
S/C 32 INITIAL CONDITIONS RTLTL: 28h 27m 34s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLTL 28h 27m 44s												| 0000 RTLTL 28h 27m 56s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE													ON CALL													
NOTES	[1] S/C 31=GS-4B @ 1345 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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ISSUE DATE: 09/26/13 14:01



ISSUE DATE: 09/26/13 14:01

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S/C 31 INITIAL CONDITIONS RTLT: 34h 53m 24s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 53m 36s												0000 RTLT 34h 53m 46s												
													▼ 1526 EL-40 (02:20) ▼ 1548 CCSL A089 (02:41) ▼ 1648 MEMUPD ECR 112872 (03:41) ▼ 1656 TLMPRG (03:49) ▼ 1721 ECR 112872 MROS, AHELI2 MRO'S, CR-5T (04:15)												
													0409 | 0410 PWS/RH												
													0409 GS-4B 0400												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	.....40 .....| .....| .....10 .....| .....0210 | .....14 [D] .....| .....0550 .....| .....1415 | .....63 .....| .....2230 .....| .....60 .....| .....												.....40 .....| .....| .....40											
32 DSN COVERAGE	| .....0710 43 [D] .....0915 | .....45 [D] .....| .....1525 .....| .....40 .....| .....												.....| .....40											
S/C 32 INITIAL CONDITIONS RTLT: 28h 28m 18s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLT 28h 28m 30s												| 0000 RTLT 28h 28m 42s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0409 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 01												OCT 02												

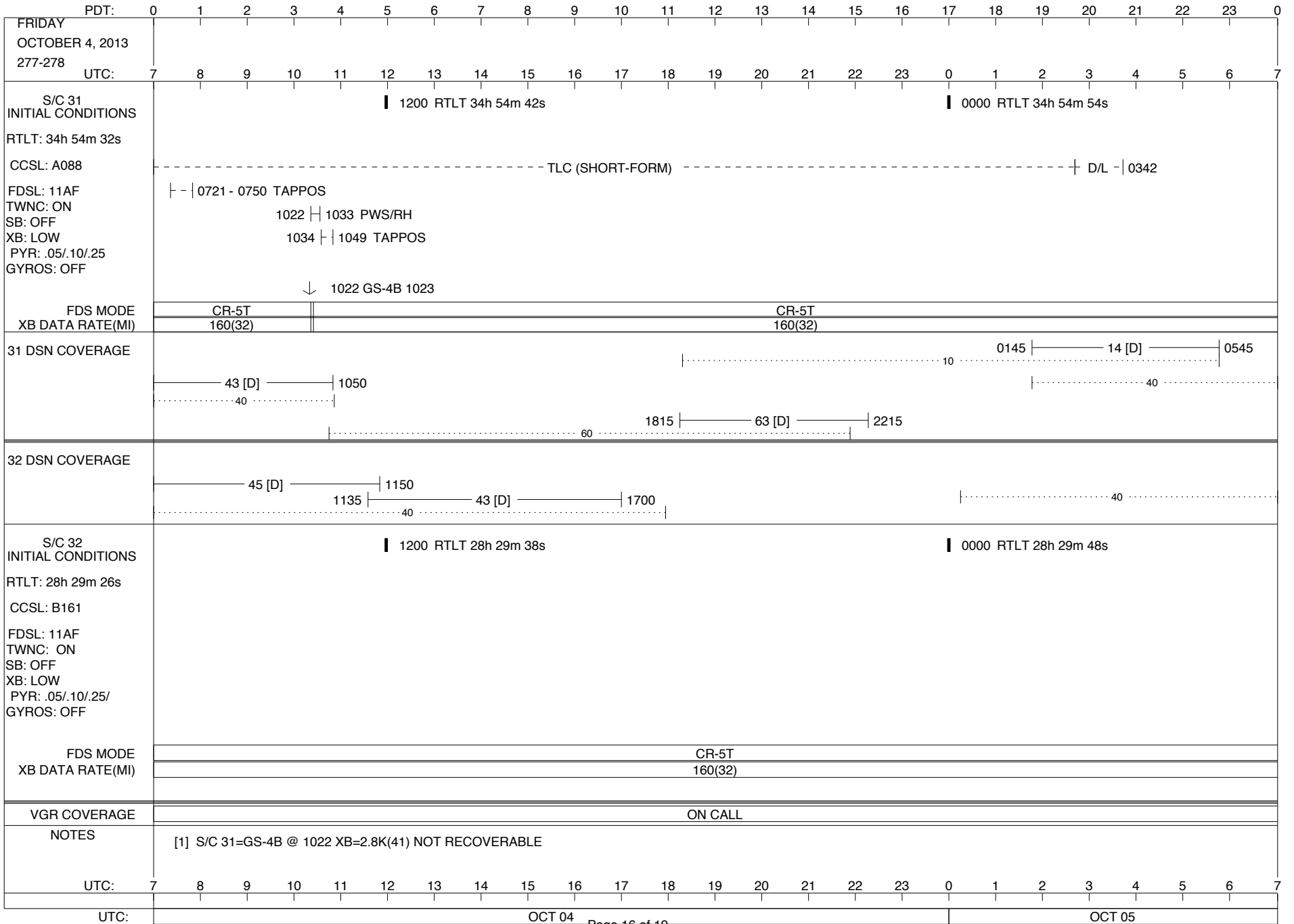
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S/C 31 INITIAL CONDITIONS RTLT: 34h 53m 46s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 53m 58s												0000 RTLT 34h 54m 8s												
FDS MODE	CR-5T												EL-40												
XB DATA RATE(MI)	160(32)												40(30)												
31 DSN COVERAGE 40 40												
 1825 ----- 63 [D] ----- 2225											 0050 ----- 14 [D] ----- 0550												
32 DSN COVERAGE 0930 ----- 43 [D] ----- 1705											 40												
S/C 32 INITIAL CONDITIONS RTLT: 28h 28m 42s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 28m 52s												0000 RTLT 28h 29m 4s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL												VGR ON CALL												
NOTES	[1] S/C 31=EL-40 XB=40(30) @ 0221 [2] S/C 31=CR-5T XB=160(32) @ 0426																								
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UTC:	OCT 02												OCT 03												

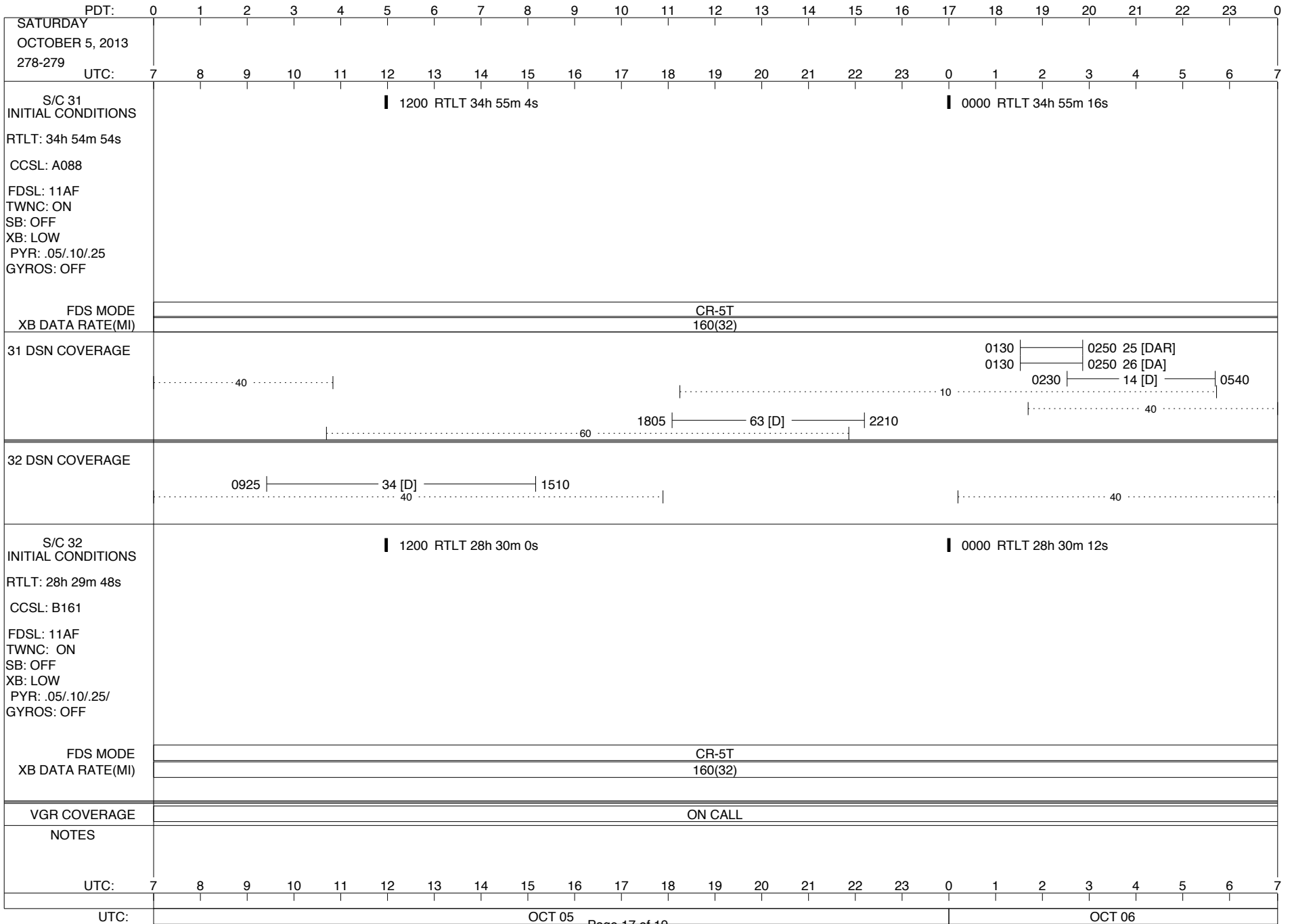
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S/C 31 INITIAL CONDITIONS RTLTL: 34h 54m 8s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 54m 20s												0000 RTLT 34h 54m 32s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	40												0200 14 [D] 0415 0400 43 [D] 1445 63 [T1] 2220 60															
32 DSN COVERAGE	0820 45 [D] 1150 1145 43 [B] 1730 40												45 [D] 0630 40															
S/C 32 INITIAL CONDITIONS RTLTL: 28h 29m 4s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 29m 14s												0000 RTLT 28h 29m 26s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
VGR COVERAGE	ON CALL						VGR						ON CALL															
NOTES	[1] A089 BACKUP U/L SUPPORT																											
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UTC:	OCT 03														OCT 04													

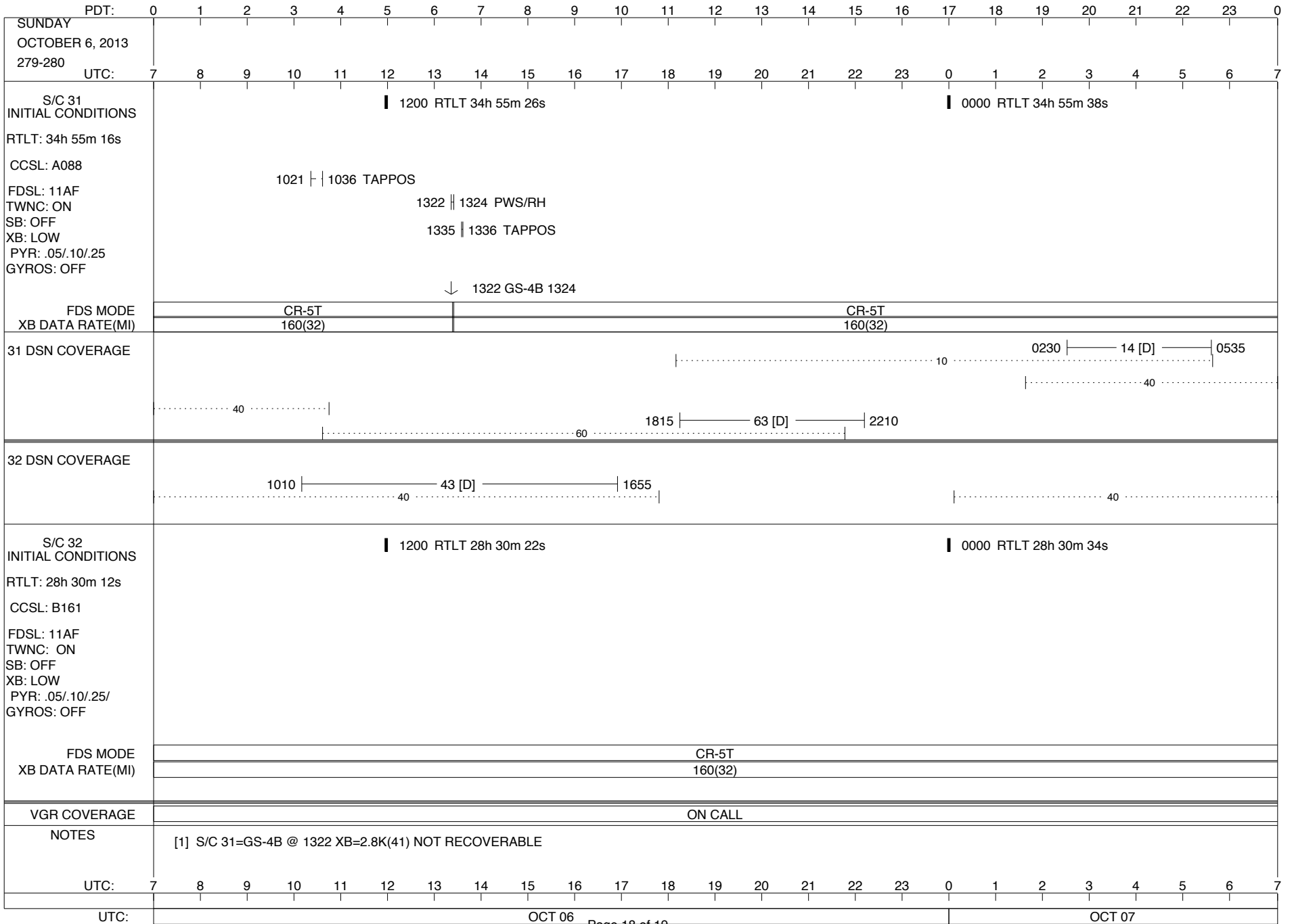
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ISSUE DATE: 09/26/13 14:01

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MONDAY OCTOBER 7, 2013 280-281																											
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S/C 31 INITIAL CONDITIONS RTLT: 34h 55m 38s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 55m 48s																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<p>.....40</p> <p>1510 |-----63 [D]-----| 2205</p> <p>.....60</p>																										
32 DSN COVERAGE	<p>0850 |-----45 [D]-----| 1415</p> <p>.....40</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 28h 30m 34s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLT 28h 30m 46s																										
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:	OCT 07													OCT 08													