

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: September 11, 2013

For the Period: 09/12/13 to 09/30/13 (13-255 – 13-273)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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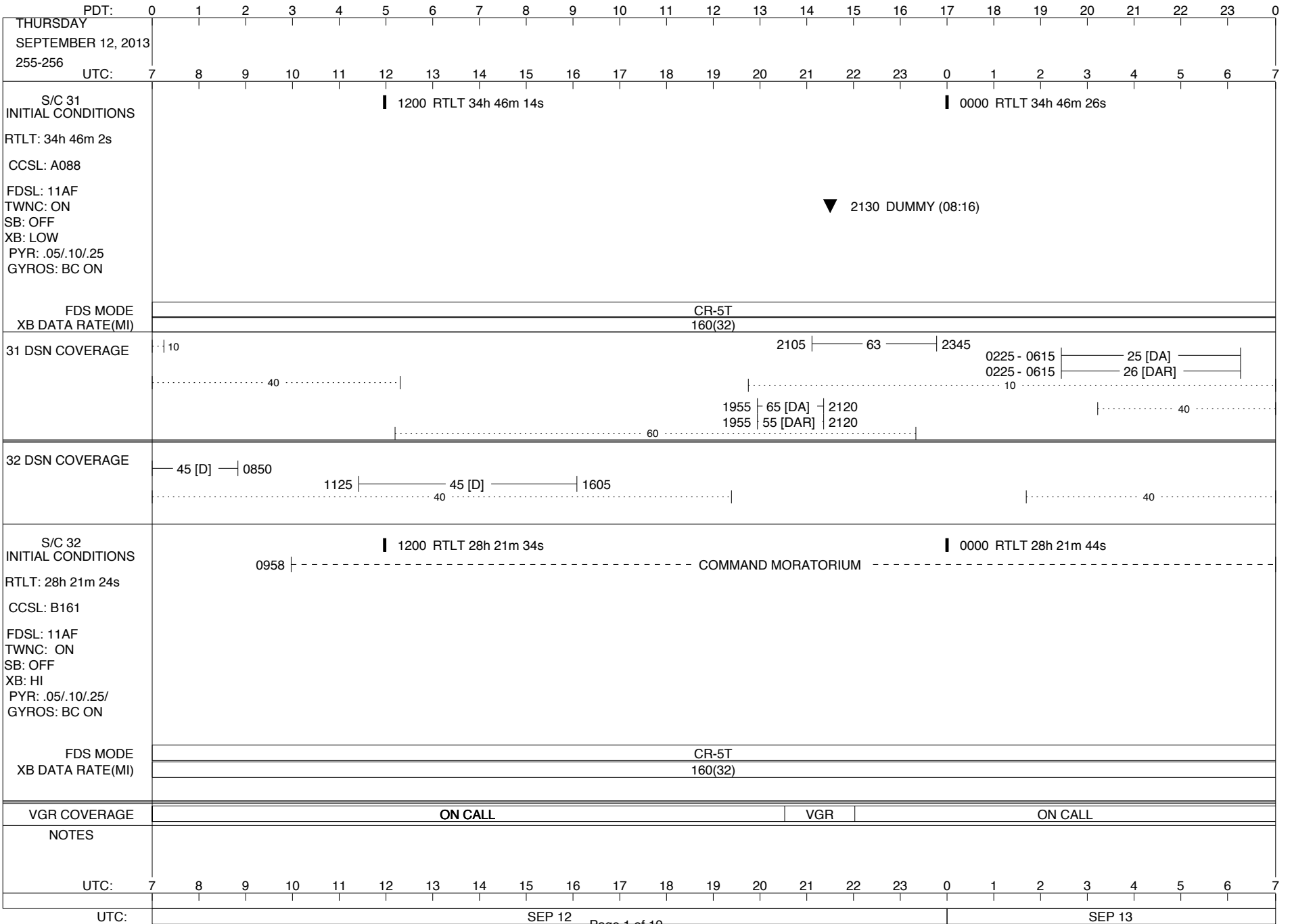
FLIGHT TEAM (14) 600-100

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

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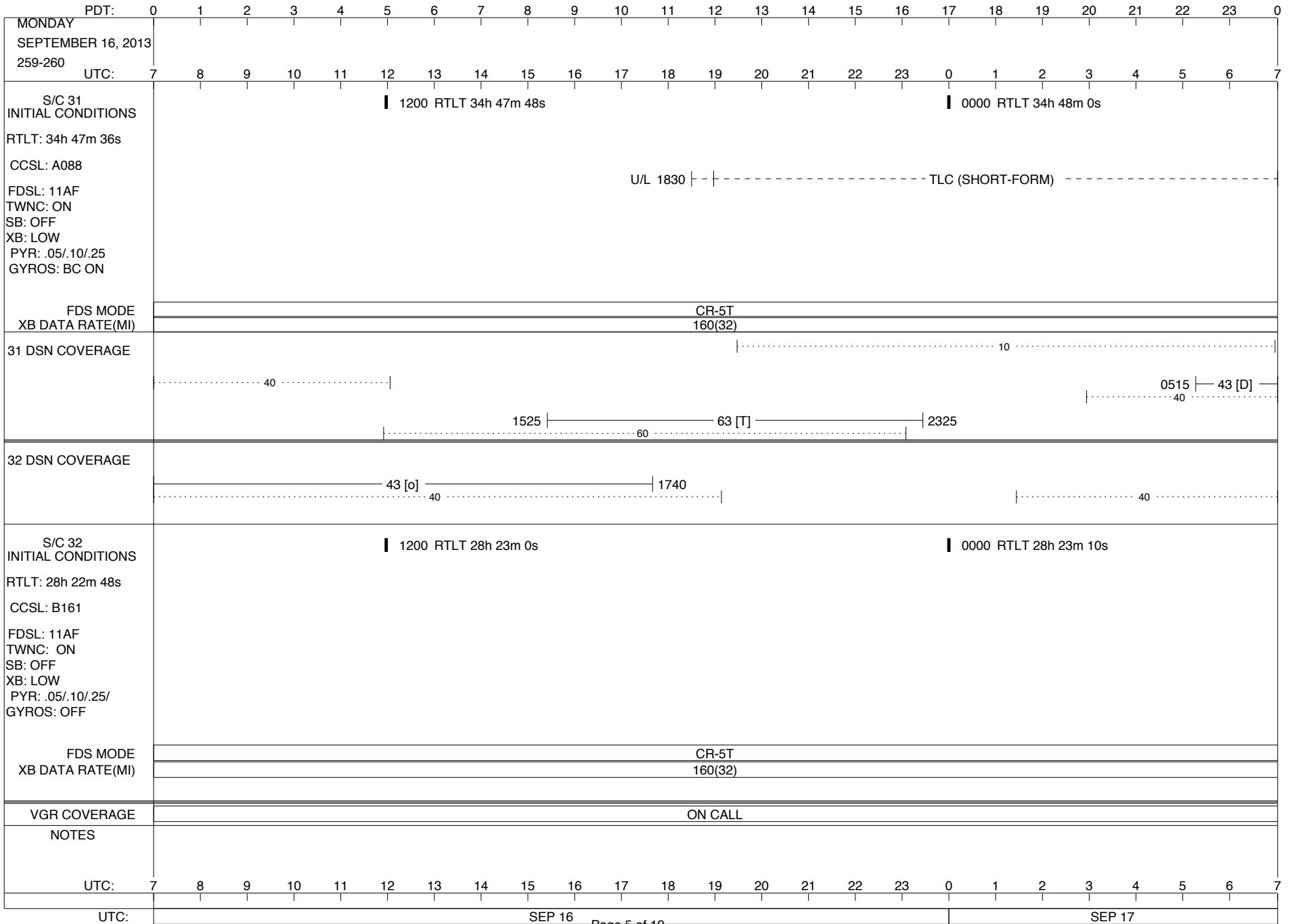
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S/C 31 INITIAL CONDITIONS RTLTL: 34h 46m 26s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 34h 46m 38s												0000 RTLTL 34h 46m 50s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	|10.....40												.....60 2045 |-----63 [D]-----| 2340.....10 0305 |-----14 [D]-----| .....40											
32 DSN COVERAGE	|-----43 [D]-----|0725 - 1745.....40												|-----40												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 21m 44s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25/ GYROS: BC ON	1200 RTLTL 28h 21m 56s												0000 RTLTL 28h 22m 6s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1130 XB=2.8K(41) NOT RECOVERABLE [2] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0754-1349)																								
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 13												SEP 14												

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S/C 31 INITIAL CONDITIONS RTLT: 34h 46m 50s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 34h 47m 0s												0000 RTLT 34h 47m 12s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	0705 14 [D] 10												2350 25 [DAR] 0605 2350 26 [DA] 0605												
32 DSN COVERAGE	0855 45 [D] 1735												0425 43 [o]												
S/C 32 INITIAL CONDITIONS RTLT: 28h 22m 6s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 22m 16s												0000 RTLT 28h 22m 28s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	0934 COMMAND MORATORIUM																								
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 14												SEP 15												

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SUNDAY SEPTEMBER 15, 2013 258-259	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 47m 12s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 34h 47m 24s												0000 RTLT 34h 47m 36s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	| 10 40 ..... |												0305- 0655 | 14 [D] ..... | | ..... 60 1915 | 63 [D] ..... | 2330												
32 DSN COVERAGE	43 [o] | 0900 1245 | 34 [D] ..... | 1730												| ..... 40 43 [o] 0635 |												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 22m 28s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 22m 38s												0000 RTLT 28h 22m 48s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 1430 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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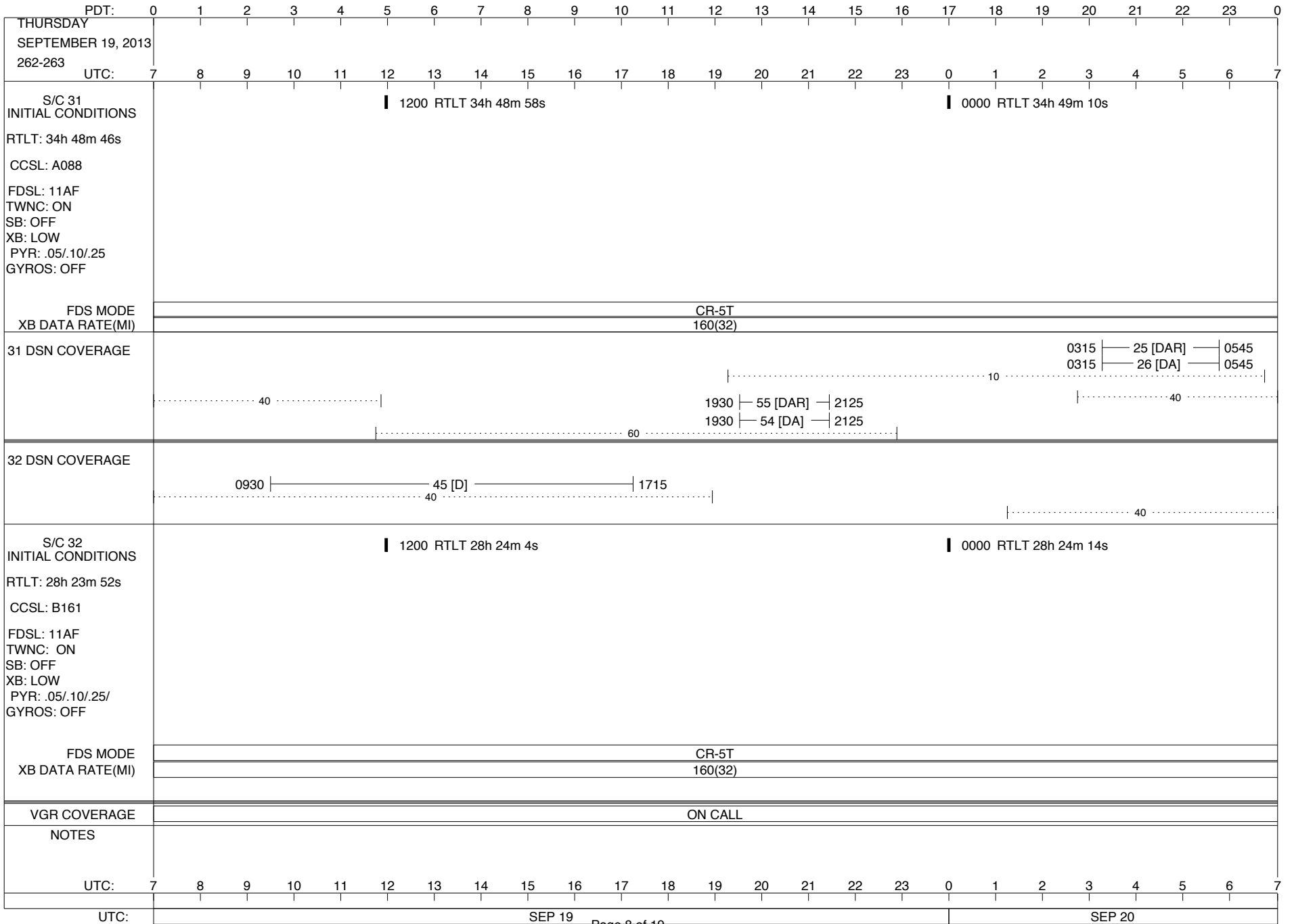
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TUESDAY																													
SEPTEMBER 17, 2013																													
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S/C 31 INITIAL CONDITIONS RTLT: 34h 48m 0s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 34h 48m 12s																							0000 RTLT 34h 48m 24s					
	----- TLC (SHORT-FORM) -----																												
																		↓ 2103 GYRO INIT											0454 | 0455 PWS/RH
																							0454 GS-4B 0455 ↓						
FDS MODE	CR-5T																	CR-5T											
XB DATA RATE(MI)	160(32)																	160(32)											
31 DSN COVERAGE																													
32 DSN COVERAGE																													
S/C 32 INITIAL CONDITIONS RTLT: 28h 23m 10s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 23m 20s																							0000 RTLT 28h 23m 32s					
	▼ 1752 DUMMY (5 MIN BRACKETED 22:16)																												
																		PLSCAL 0551 |----- MAGCAL 0551 |----- PESCAL 0551 |-----											
	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 @ 0454 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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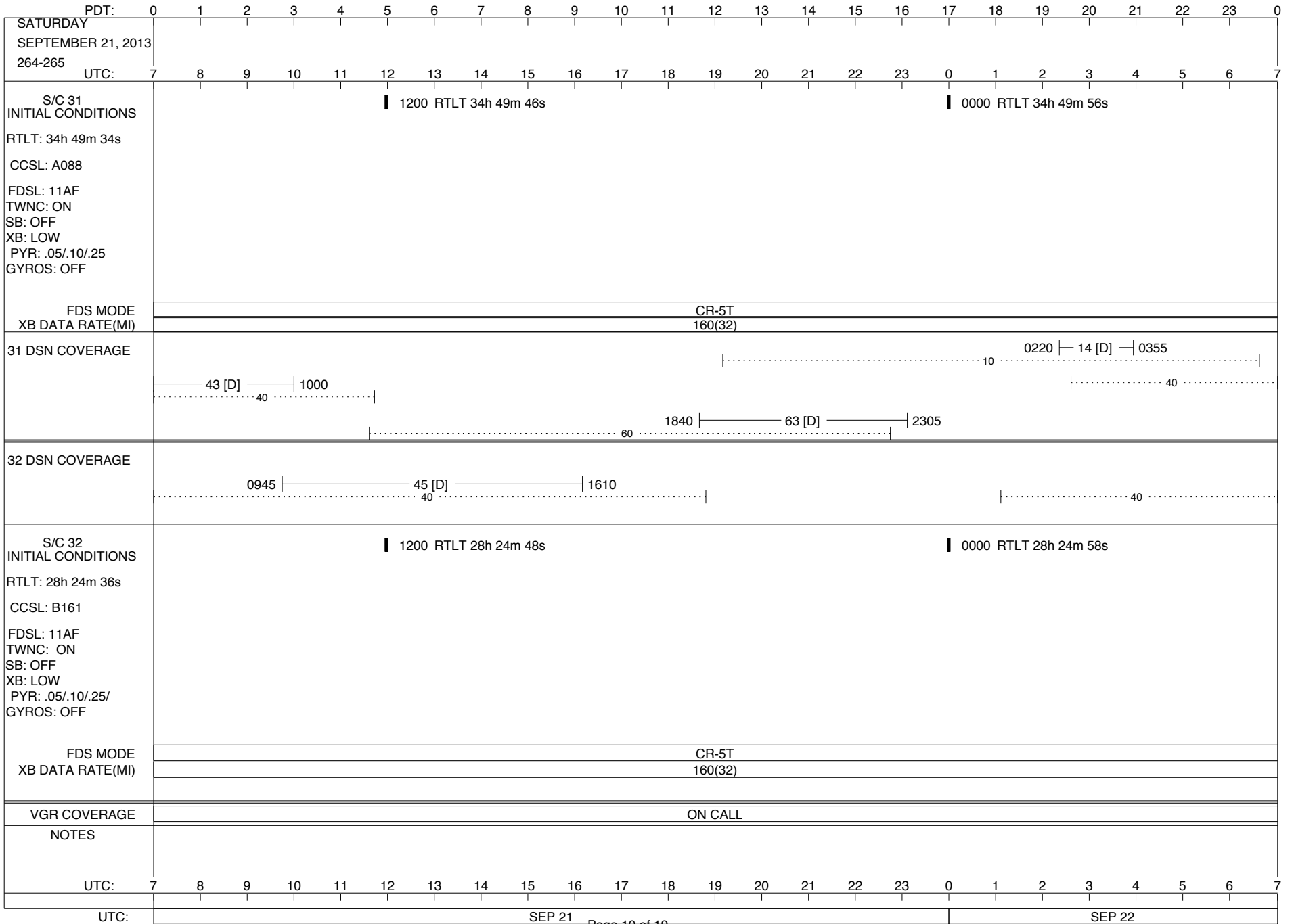
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WEDNESDAY SEPTEMBER 18, 2013 261-262																													
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S/C 31 INITIAL CONDITIONS RTLT: 34h 48m 24s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON		1200 RTLT 34h 48m 36s														0000 RTLT 34h 48m 46s													
FDS MODE XB DATA RATE(MI)																CR-5T 160(32)													
31 DSN COVERAGE		<p>Timeline for S/C 31 DSN COVERAGE:</p> <ul style="list-style-type: none"> 2100 |----- 25 [DAR] -----| 0350 2100 |----- 14 [DA] -----| 0550 40 |-----| 1845 |----- 63 [D] -----| 2015 60 |-----| 40 |-----|																											
32 DSN COVERAGE		<p>Timeline for S/C 32 DSN COVERAGE:</p> <ul style="list-style-type: none"> 45 [D] -----| 1720 40 |-----| 40 |-----|																											
S/C 32 INITIAL CONDITIONS RTLT: 28h 23m 32s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF		| 1200 RTLT 28h 23m 42s														| 0000 RTLT 28h 23m 52s													
FDS MODE XB DATA RATE(MI)																CR-5T 160(32)													
VGR COVERAGE		ON CALL														VGR							ON CALL						
NOTES		[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (2144-0340)																											
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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FRIDAY SEPTEMBER 20, 2013 263-264																										
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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>0000 RTLTL 34h 49m 34s</p>													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)													
31 DSN COVERAGE	<p>0915 | — 43 [D] — | 1140</p> <p>40</p>												<p>1910 | — 63 [D] — | 2310</p> <p>60</p>													
32 DSN COVERAGE	<p>1105 | — 45 [D] — | 1245</p> <p>1225 | — 43 [D] — | 1725</p> <p>40</p>												<p>0545 | — 43 [D] —</p> <p>40</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)	CR-5T 160(32)												CR-5T 160(32)													
VGR COVERAGE	ON CALL												ON CALL													
NOTES	[1] S/C 31=GS-4B @ 1107 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 20													SEP 21												

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S/C 31 INITIAL CONDITIONS RTLTL: 34h 49m 56s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 50m 8s												0000 RTLTL 34h 50m 20s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	40												1845 1945 55 [DAR] 1845 1945 65 [DA] 1925 63 [D] 2305 10 0305 25 [DAR] 0535 0305 26 [DA] 0535 40													
32 DSN COVERAGE	1040 43 [D] 1555 40												0410 43 [D] 40													
S/C 32 INITIAL CONDITIONS RTLTL: 28h 24m 58s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 28h 25m 10s												0000 RTLTL 28h 25m 20s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
VGR COVERAGE													ON CALL													
NOTES	[1] S/C 31=GS-4B @ 1408 XB=2.8K(41) NOT RECOVERABLE																									
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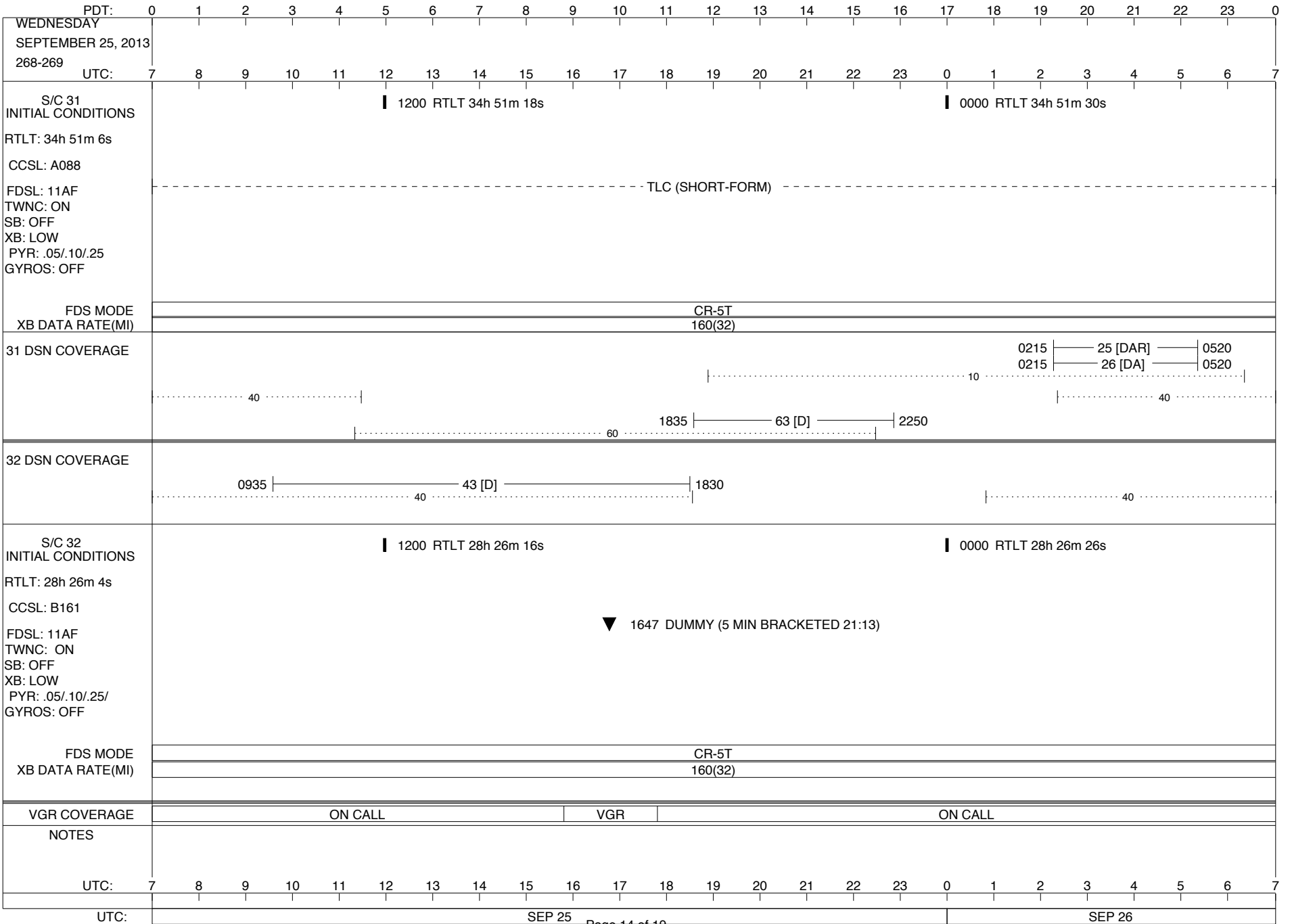
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MONDAY SEPTEMBER 23, 2013 266-267	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 34h 50m 20s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 34h 50m 32s												█ 0000 RTLT 34h 50m 44s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	.....40.....|												.....2330|-----14 [D]-----|0515| .....1835|-----63-----|2300| .....43 [T] 0645|												
32 DSN COVERAGE	-43 [D] -|0820 0905|-----34 [D]-----|1700.....40.....|												.....40.....|												
S/C 32 INITIAL CONDITIONS RTLT: 28h 25m 20s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLT 28h 25m 32s												█ 0000 RTLT 28h 25m 42s												
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
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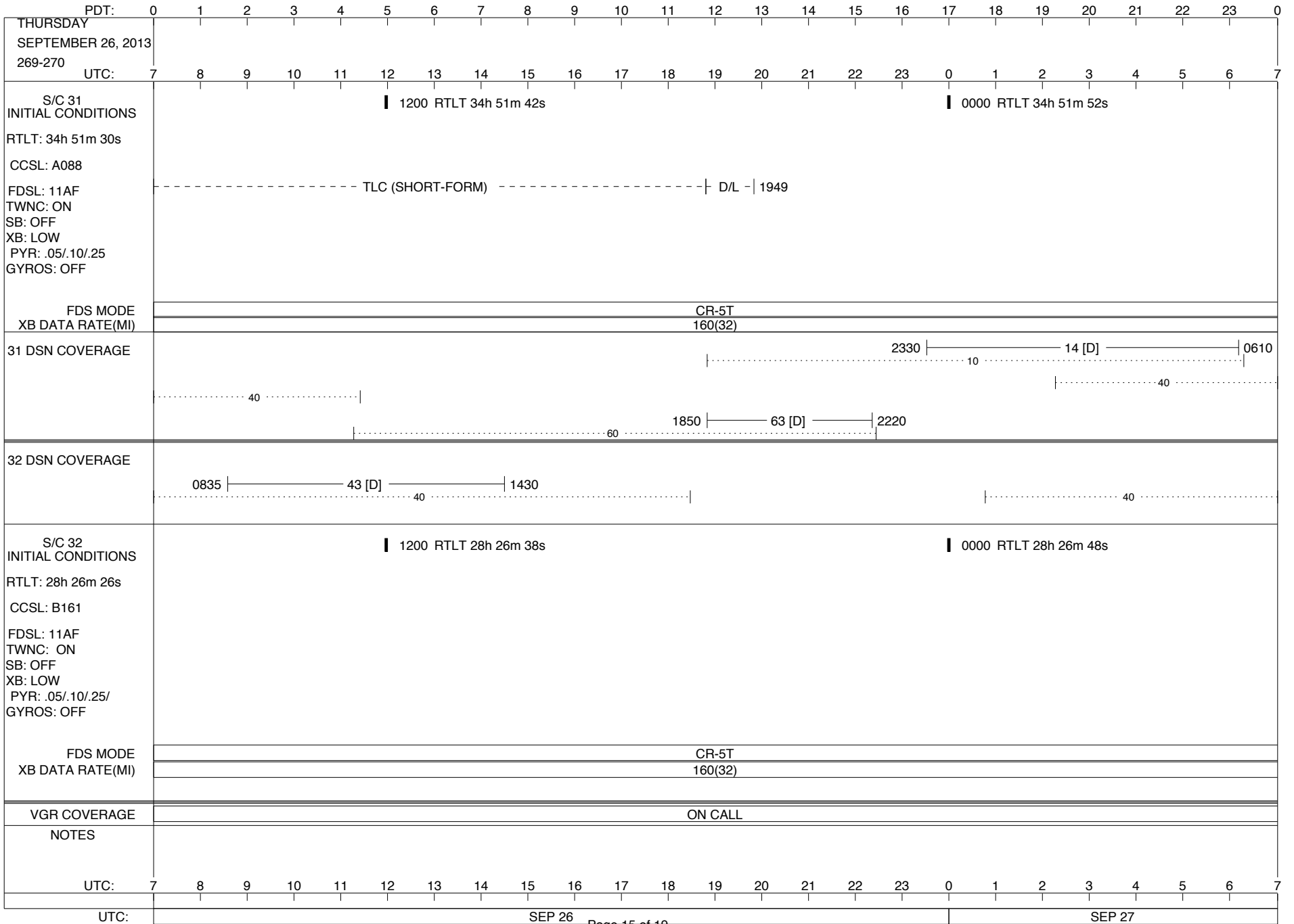
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TUESDAY SEPTEMBER 24, 2013 267-268																									
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S/C 31 INITIAL CONDITIONS RTLTL: 34h 50m 44s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 50m 54s												0000 RTLT 34h 51m 6s												
U/L | - | 0730 -	----- TLC (SHORT-FORM) -----																								
	0431 | 0432 PWS/RH																								
	0431 GS-4B 0432 ↓																								
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: 10%; text-align: center;">10</div> <div style="width: 45%;"> <p>0315 | 24 [DAR] | 0525</p> <p>0315 | 25 [DA] | 0525</p> <p>40</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <p>1905 | 63 [D] | 2255</p> <p>60</p> </div> <div style="width: 10%;"></div> <div style="width: 45%;"></div> </div>																								
32 DSN COVERAGE	<p>1010 | 34 [D] | 1655</p> <p>40</p> <p style="text-align: right;">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: 09/10/13 19:40



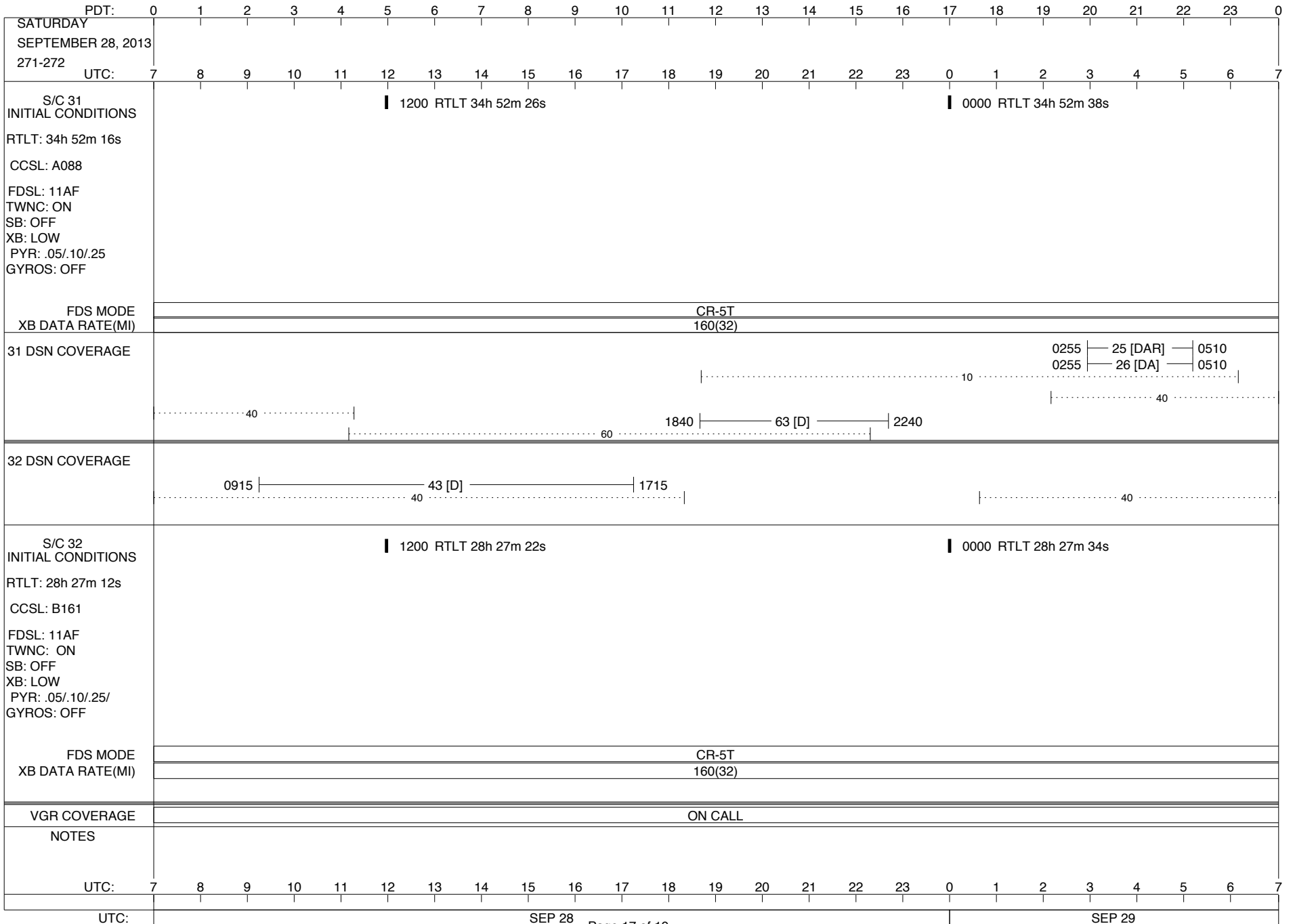
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FRIDAY SEPTEMBER 27, 2013 270-271																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 34h 51m 52s CCSL: A088 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 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.....|												|.....10.....											
	|.....60.....												1905 |-----63 [D]-----| 2245												
	|.....40.....												|.....40.....											
32 DSN COVERAGE	0930 |-----45 [D]-----| 1640												|.....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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UTC:	SEP 27													SEP 28												

ISSUE DATE: 09/10/13 19:40



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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
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 .....												..... 10 0250 |----- 14 [D] -----| 0605 40											
	..... 60 1805 |----- 63 [D] -----| 2235																							
32 DSN COVERAGE	..... 40 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
UTC:	SEP 29												SEP 30												

ISSUE DATE: 09/10/13 19:40

