

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: September 2, 2015

For the Period: 09/03/15 to 09/21/15 (15-246 – 15-264)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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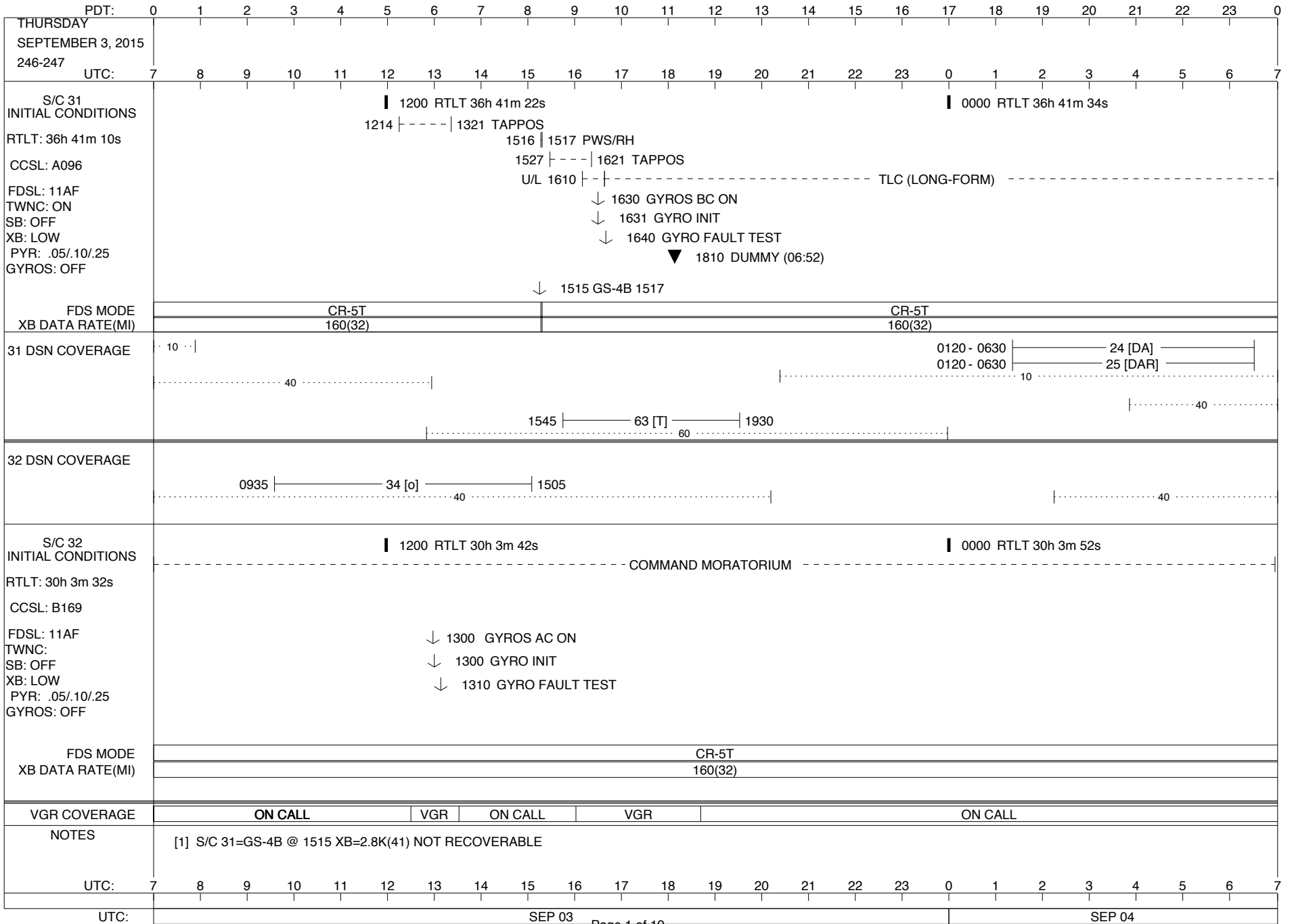
FLIGHT TEAM (14) 600-100

Dodd, S.
 Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina
 Peralta, F.
 Weeks, T.
 Wong, R.
 Yang, L.
 Zottarelli, L.
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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 = 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

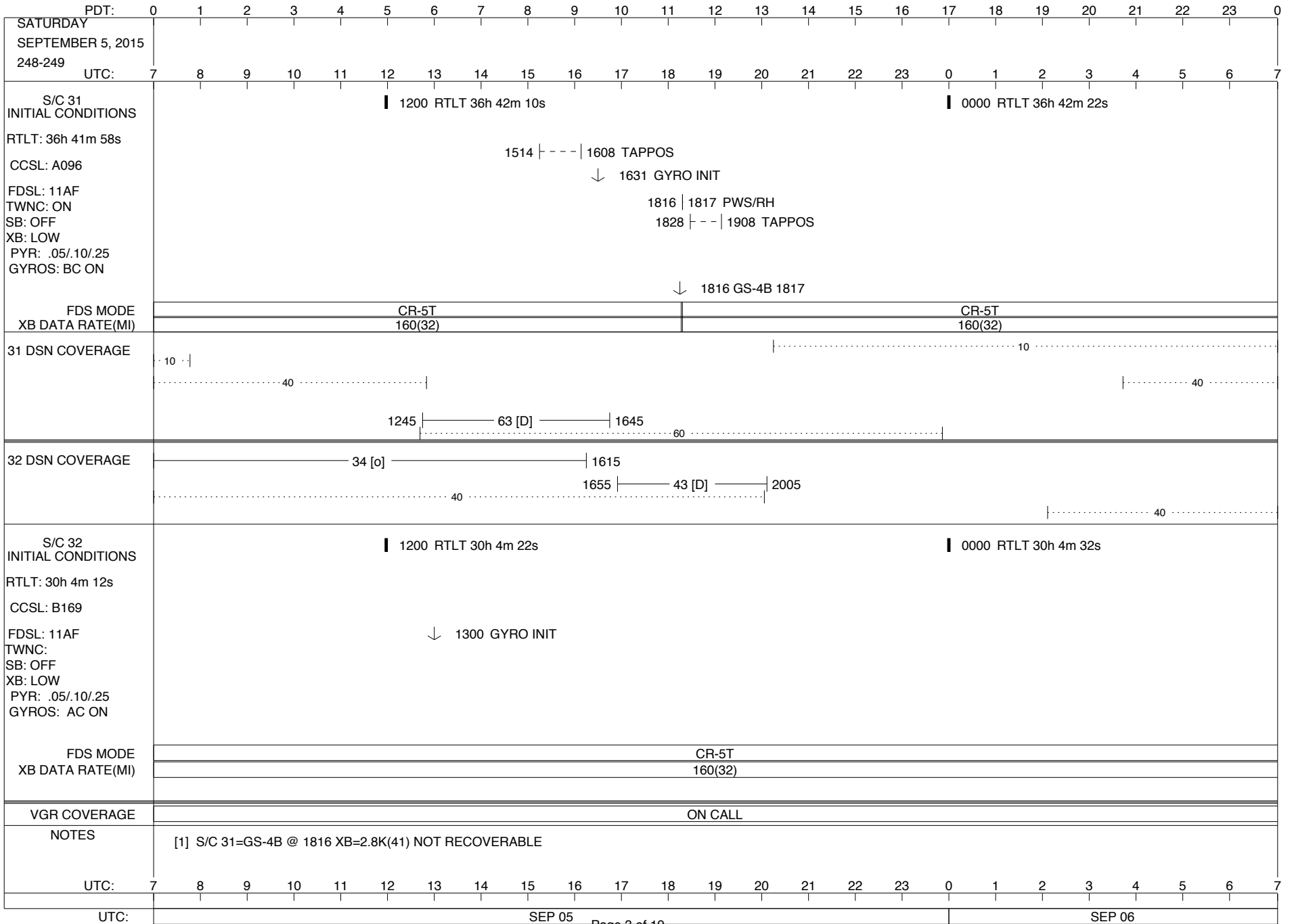
ISSUE DATE: 09/02/15 07:50



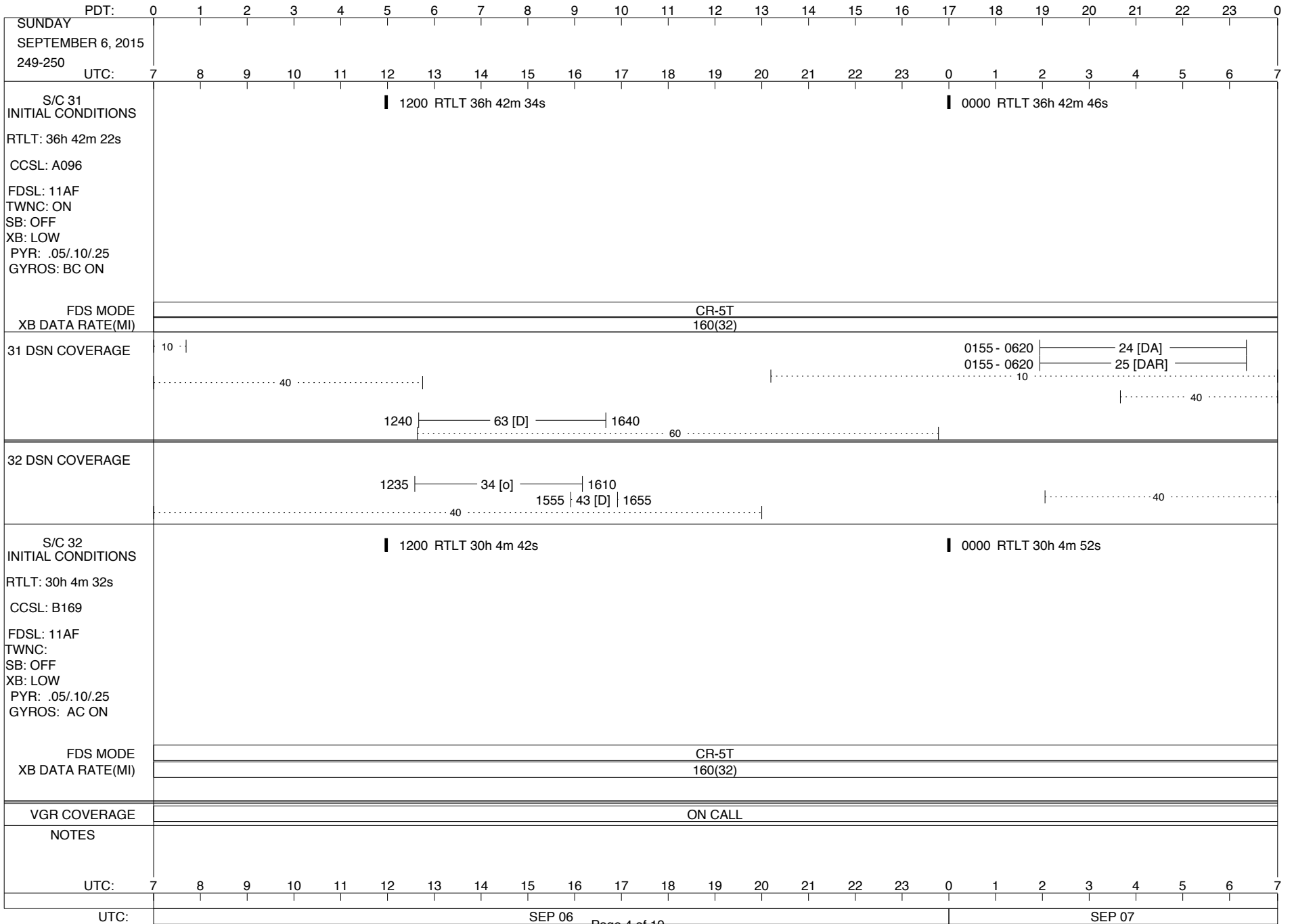
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S/C 31 INITIAL CONDITIONS RTLT: 36h 41m 34s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: BC ON							1200												0000						
TLC (LONG-FORM)																									
- 0619 D/L -																									
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 30h 3m 52s CCSL: B169 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/10/25 GYROS: AC ON							1200													0000					
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
UTC:																									

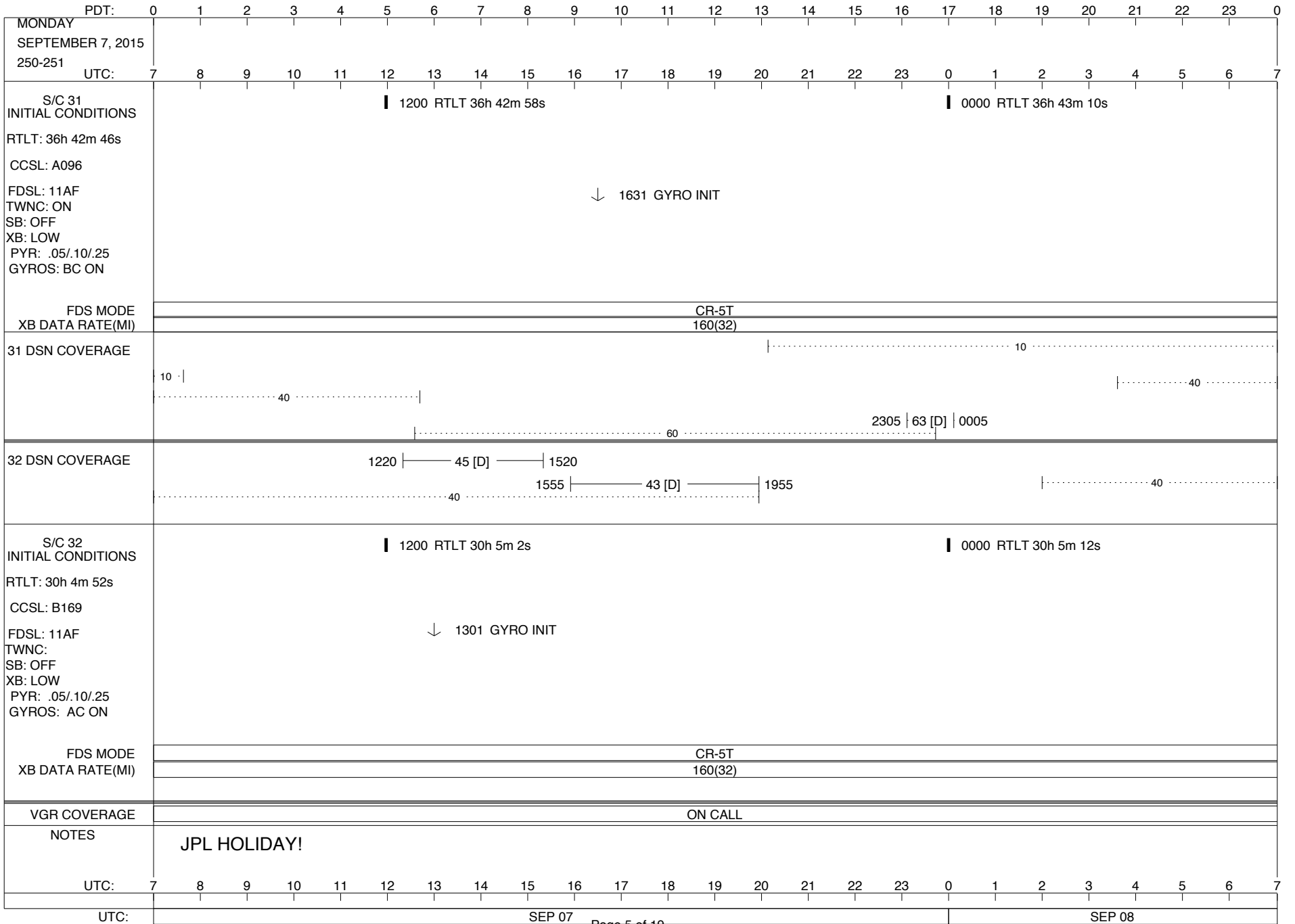
ISSUE DATE: 09/02/15 07:50



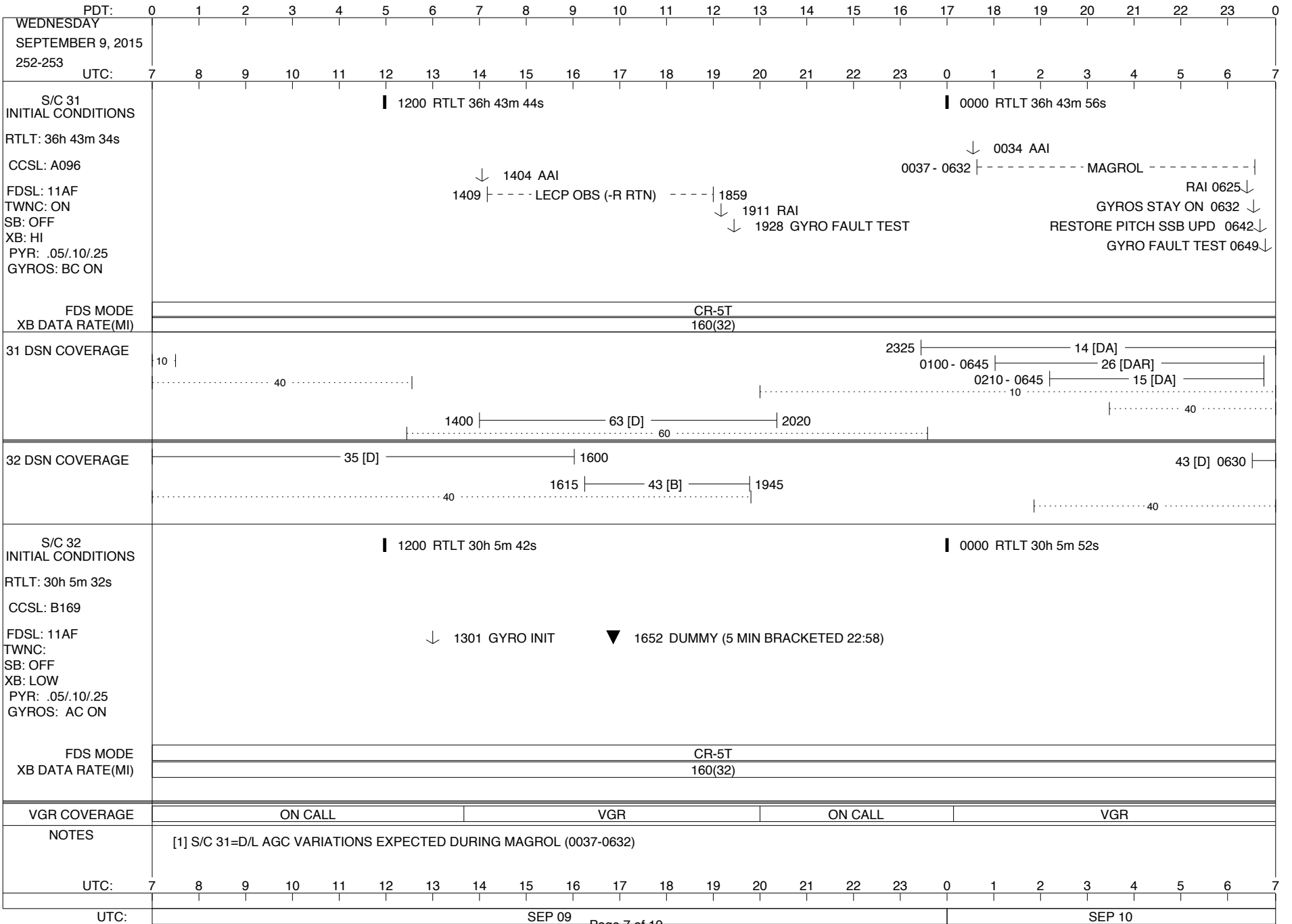
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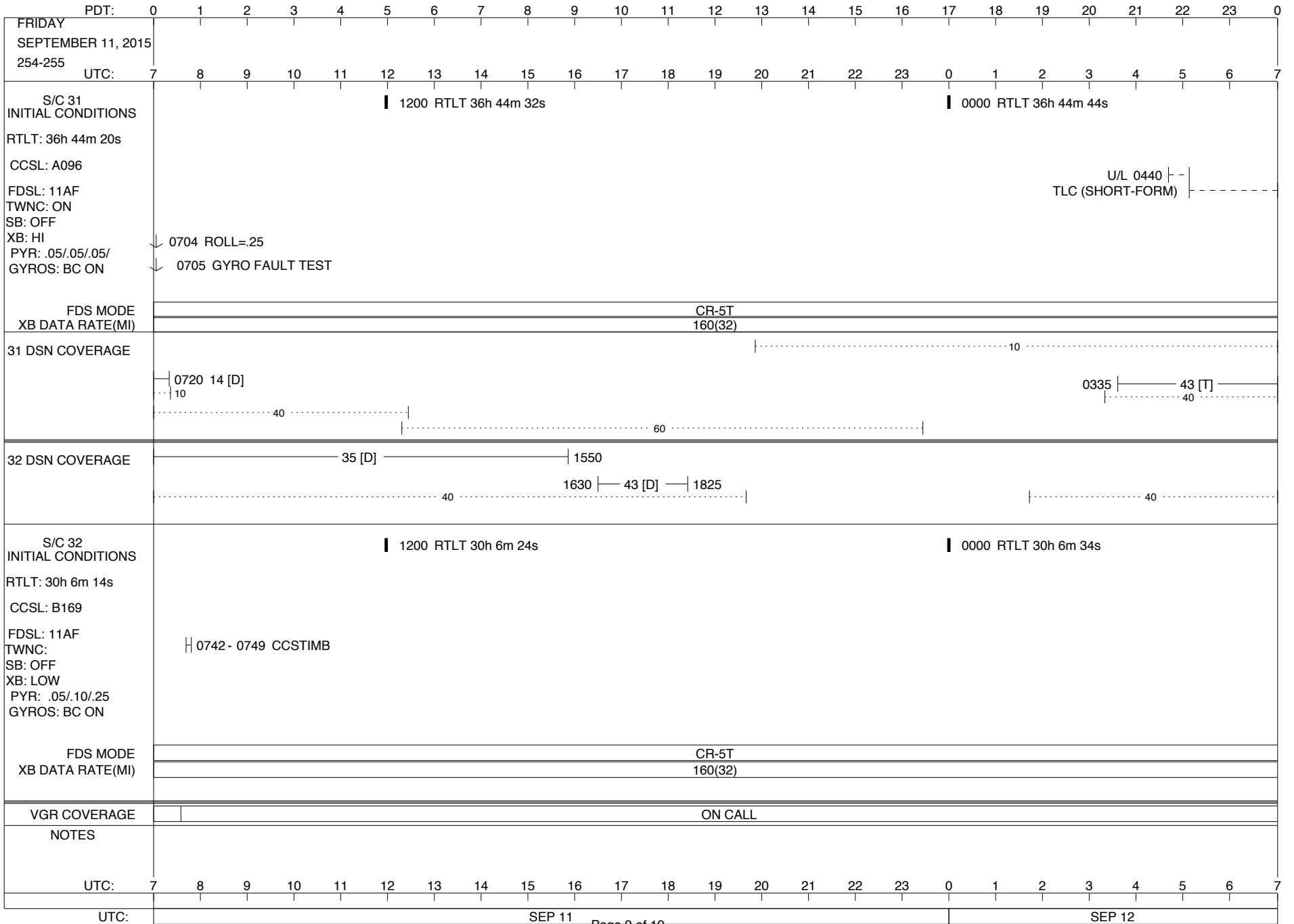
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THURSDAY SEPTEMBER 10, 2015 253-254																												
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S/C 31 INITIAL CONDITIONS RTLT: 36h 43m 56s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 36h 44m 8s												0000 RTLT 36h 44m 20s															
	1151 | - | 1217 TAPPOS												1453 | 1454 PWS/RH 1505 | - | 1517 TAPPOS															
													1453 GS-4B 1454															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	0725 14 [DA]												0150 | 24 [DAR] | 0550 0150 | 26 [D] | 0550 0530 | 14 [D]															
	10 |												10															
	40												60															
													40															
32 DSN COVERAGE	43 [D] | 0910												1215 | 45 [D] | 1555 1555 | 43 [D] | 1945															
	40												40															
S/C 32 INITIAL CONDITIONS RTLT: 30h 5m 52s CCSL: B169 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	1200 RTLT 30h 6m 2s												0000 RTLT 30h 6m 14s															
													GYRO SWAP BC ON 0642 ↓ GYRO INIT 0643 ↓ GYRO FAULT TEST 0652 ↓															
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
VGR COVERAGE													ON CALL															
NOTES	[1] S/C 31=GS-4B @ 1453 XB=2.8K(41) NOT RECOVERABLE												[3] S/C 31=D/L SNR VARIATIONS EXPECTED DURING ASCAL (0618-0655)															
	[2] S/C 31=EL-40 @ 0546 XB=40(30)												[4] S/C 31=CR-5T @ 0658 XB=160(32)															
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 10														SEP 11													

ISSUE DATE: 09/02/15 07:50



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SATURDAY SEPTEMBER 12, 2015 255-256	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: 36h 44m 44s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25/ GYROS: BC ON	1200 RTLT 36h 44m 56s												0000 RTLT 36h 45m 8s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	0720 43 [T] 40												2240 24 [DAR] 0040 2240 25 [DA] 0040 10 60 40												
32 DSN COVERAGE	0805 34 [o] 40 1550												40												
S/C 32 INITIAL CONDITIONS RTLT: 30h 6m 34s CCSL: B169 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 30h 6m 44s												0000 RTLT 30h 6m 54s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1753 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 12												SEP 13												

ISSUE DATE: 09/02/15 07:50

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SUNDAY SEPTEMBER 13, 2015 256-257	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: 36h 45m 8s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25/ GYROS: BC ON	| 1200 RTLT 36h 45m 20s												| 0000 RTLT 36h 45m 32s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	| 10												| 10												
	| 40												| 40												
	| 1725												| 63 [D]												
	| 2345												| 2345												
32 DSN COVERAGE	0755 | 34 [D] | 1545												1545 | 43 [D] | 1930												
	| 40												| 40												
S/C 32 INITIAL CONDITIONS RTLTL: 30h 6m 54s CCSL: B169 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	| 1200 RTLT 30h 7m 6s												| 0000 RTLT 30h 7m 16s 0156 | - - COMMAND MORATORIUM - - -												
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 13												SEP 14												

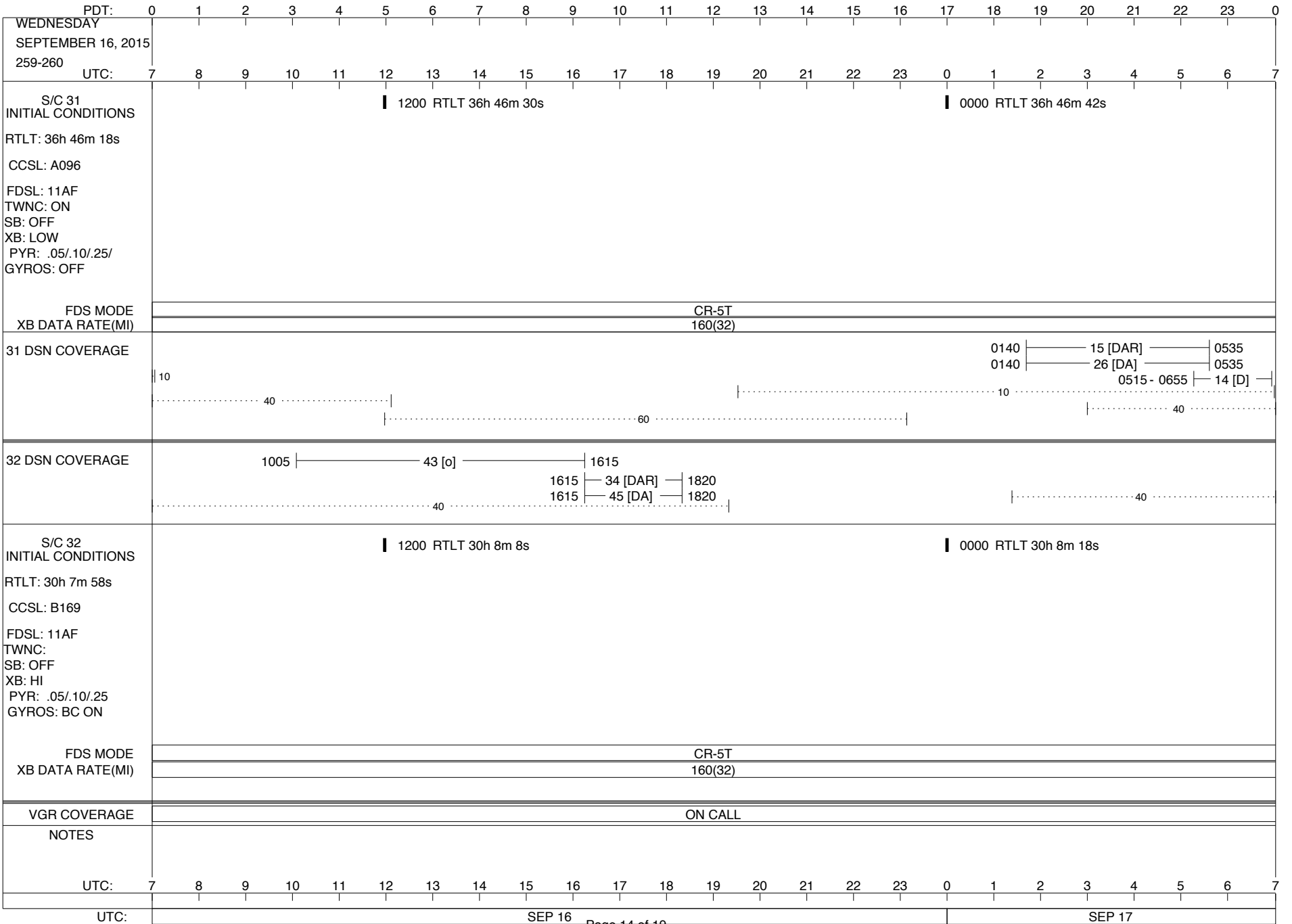
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MONDAY SEPTEMBER 14, 2015 257-258																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 36h 45m 32s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25/ GYROS: BC ON	█ 1200 RTLT 36h 45m 44s												█ 0000 RTLT 36h 45m 56s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	| 10 40 ..... | ..... 60 ..... | ..... 40												2250 | 14 [DA] 2250 - 0635 | 24 [DA] 2250 - 0635 | 26 [DAR] 10 ..... | ..... 40												
32 DSN COVERAGE	| ..... 34 [D] ..... | 0715 - 1540 40 ..... | ..... 40												0515 | 34 [D] 40											
S/C 32 INITIAL CONDITIONS RTLT: 30h 7m 16s CCSL: B169 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	█ 1200 RTLT 30h 7m 26s												█ 0000 RTLT 30h 7m 36s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL																VGR								
NOTES	[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0038-0633)																								
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												

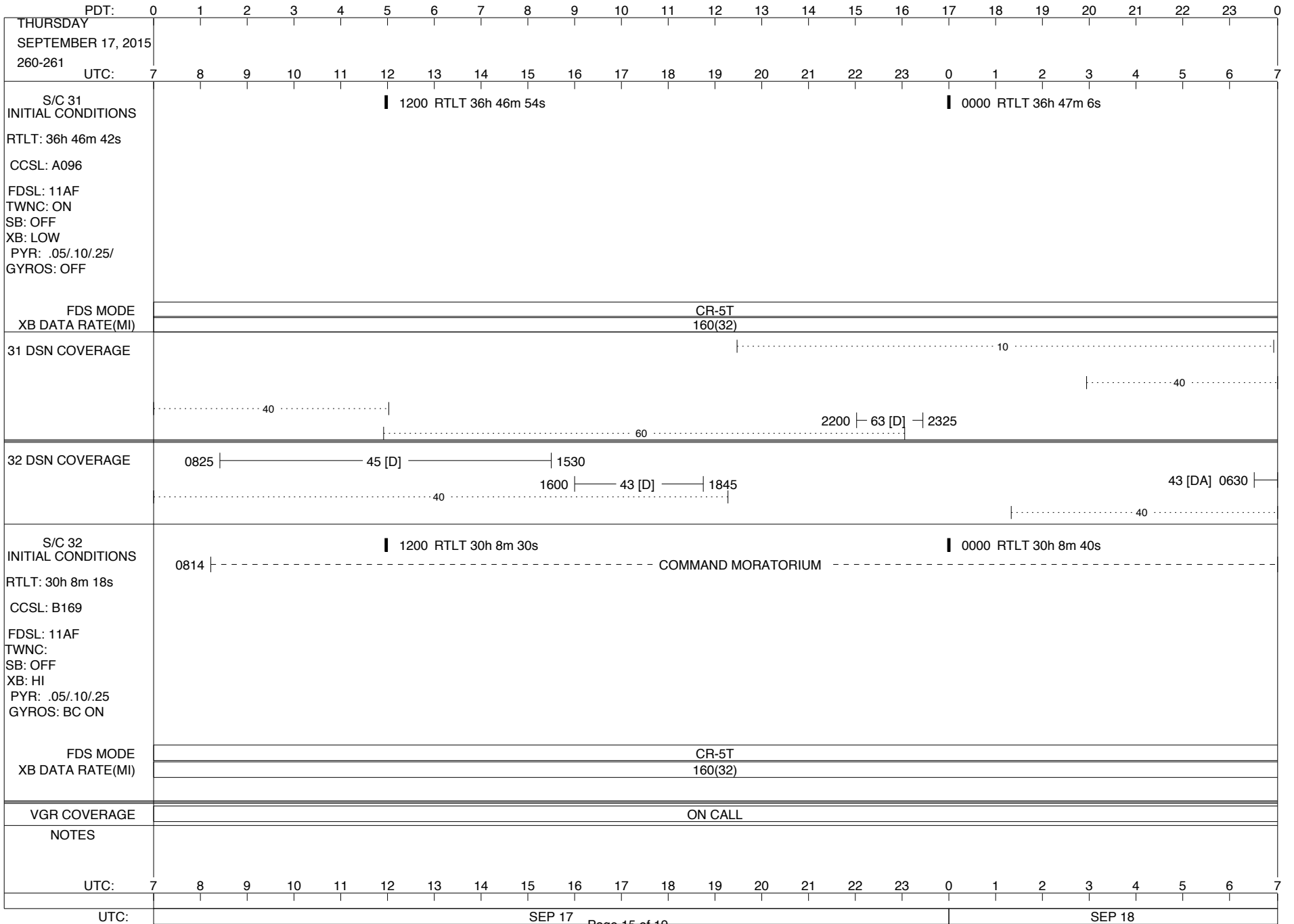
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TUESDAY SEPTEMBER 15, 2015 258-259																																			
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7										
S/C 31 INITIAL CONDITIONS RTLTL: 36h 45m 56s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 36h 46m 6s												0000 RTLT 36h 46m 18s																						
FDS MODE	CR-5T												CR-5T																						
XB DATA RATE(MI)	160(32)												160(32)																						
31 DSN COVERAGE	<p>0705 14 [DA] 2325 24 [DA] 0545</p> <p>2325 26 [DAR] 0545</p> <p>10 10 40 40</p>																																		
32 DSN COVERAGE	<p>34 [D] 1535</p> <p>1600 43 [D] 1925</p> <p>40 40</p>																																		
S/C 32 INITIAL CONDITIONS RTLTL: 30h 7m 36s CCSL: B169 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 30h 7m 48s												0000 RTLT 30h 7m 58s																						
FDS MODE	EL-40												CR-5T																						
XB DATA RATE(MI)	40(30)												160(32)																						
VGR COVERAGE	VGR												ON CALL																						
NOTES	<p>[1] S/C 31=GS-4B @ 0441 XB=2.8K(41) NOT RECOVERABLE [3] S/C 32=EL-40 @ 0744 XB=40(30)</p> <p>[2] S/C 32=D/L AGC & SNR VARIATIONS EXPECTED DURING ASCAL (0816-0853) [4] S/C 32=CR-5T @ 0856 XB=160(32)</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:	SEP 15														SEP 16																				

ISSUE DATE: 09/02/15 07:50



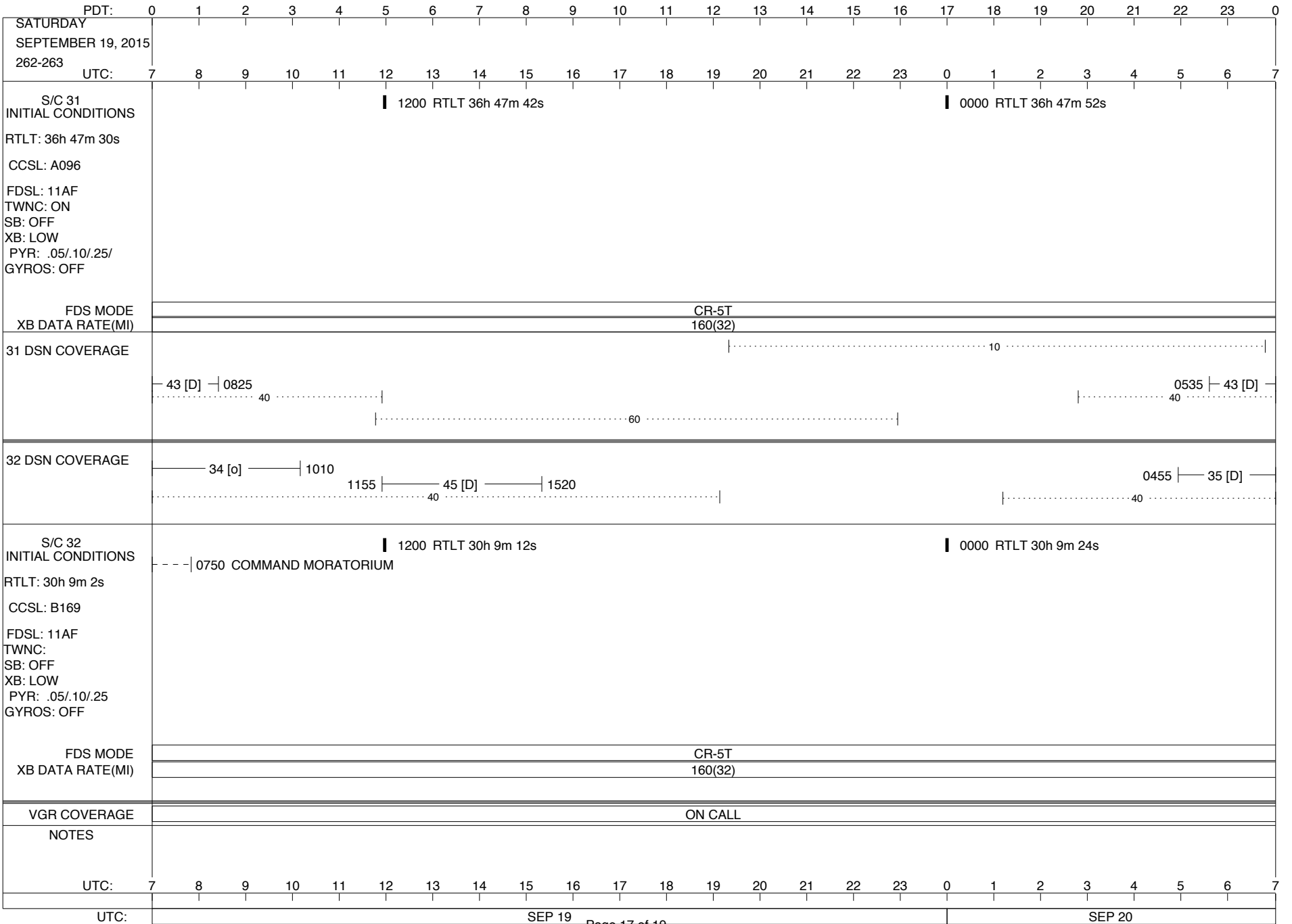
ISSUE DATE: 09/02/15 07:50



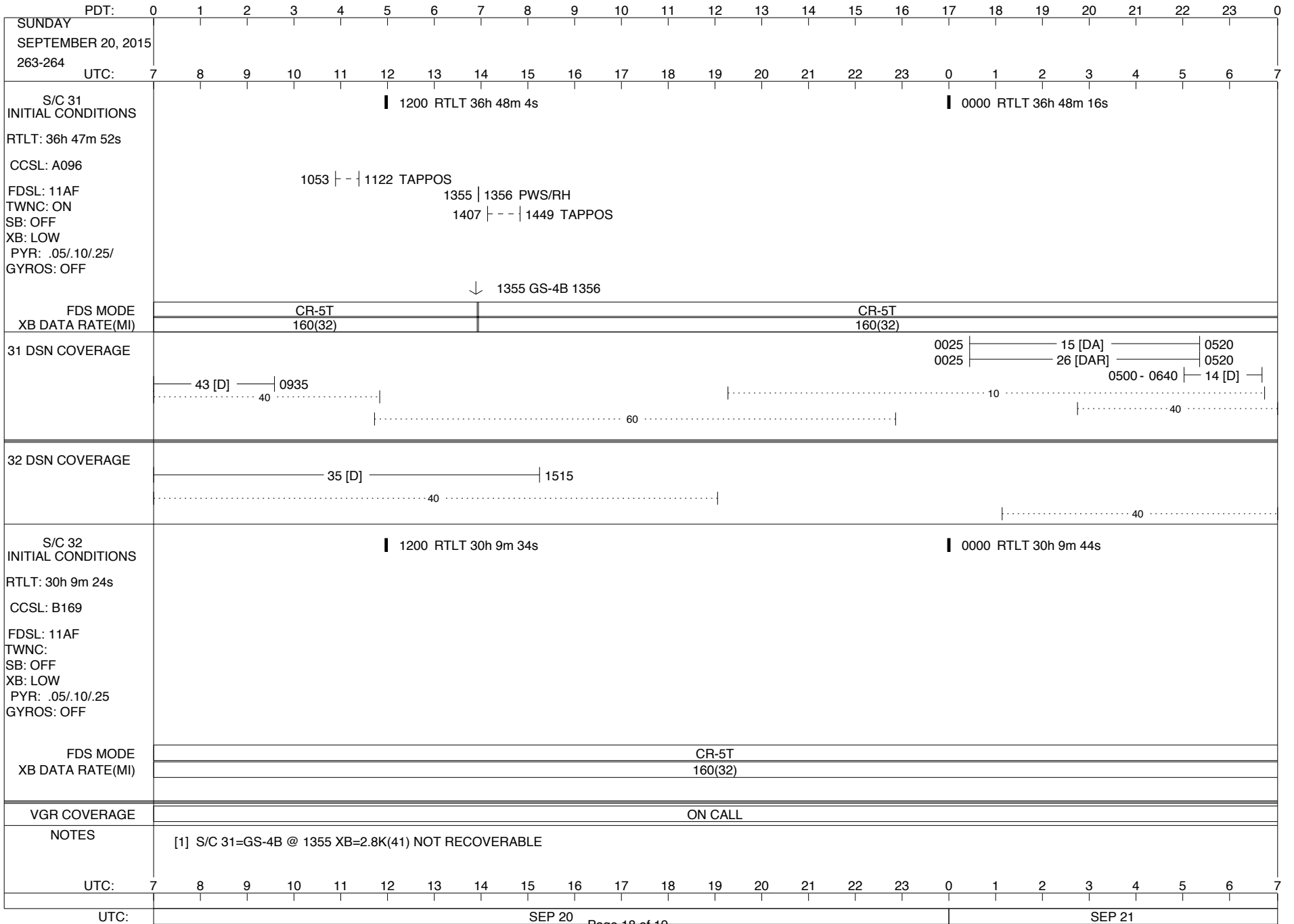
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FRIDAY SEPTEMBER 18, 2015 261-262																									
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S/C 31 INITIAL CONDITIONS RTLT: 36h 47m 6s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 36h 47m 18s												0000 RTLT 36h 47m 30s												
	0753 | 0808 TAPPOS												1054 | 1056 PWS/RH 1106 | 1135 TAPPOS												
	↓ 1054 GS-4B 1056																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	.....40.....												.....10.....											
	1150 | 63 [D] | 1645												0255 | 43 [D] | 40												
	.....60.....												.....											
32 DSN COVERAGE	.....43 [DA].....												.....1810.....											
	.....34 [DAR].....												.....0720 - 1450.....											
	.....40.....												.....0500 | 34 [o] | 40.....											
S/C 32 INITIAL CONDITIONS RTLT: 30h 8m 40s CCSL: B169 FDSL: 11AF TWNC: SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 30h 8m 50s												0000 RTLT 30h 9m 2s												
	----- COMMAND MORATORIUM -----																								
	↓ 0754 AAI																								
	0757 | ----- MAGROL ----- | 1352																								
	↓ 1345 RAI																								
	↓ 1352 GYROS OFF																								
	↓ 1352 CRU																								
	↓ 1355 X/B LOW POWER																								
	↓ 1359 BAY 1 HTR ON																								
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1054 XB=2.8K(41) NOT RECOVERABLE [2] S/C 32=D/L AGC VARIATIONS EXPECTED DURING MAGROL (0757-1352)																								
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												

ISSUE DATE: 09/02/15 07:50



ISSUE DATE: 09/02/15 07:50



ISSUE DATE: 09/02/15 07:50

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 SEPTEMBER 21, 2015 264-265																											
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S/C 31 INITIAL CONDITIONS RTLT: 36h 48m 16s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<p style="text-align: center;"> 1200 RTLT 36h 48m 28s</p>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<p style="text-align: center;">.....40.....|.....60.....|</p>																										
32 DSN COVERAGE	<p>0900 |-----34 [o]-----| 1515</p> <p style="margin-left: 150px;">1635 | 34 [DA] | 1810</p> <p style="margin-left: 150px;">1635 | 45 [DAR] | 1810</p> <p style="text-align: center;">.....40.....|</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 30h 9m 44s CCSL: B169 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">| 1200 RTLT 30h 9m 56s</p>																										
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 21													SEP 22													