

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: September 7, 2016

For the Period: 09/08/16 to 09/25/16 (16-252 – 16-269)

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FLIGHT TEAM (14) 600-100

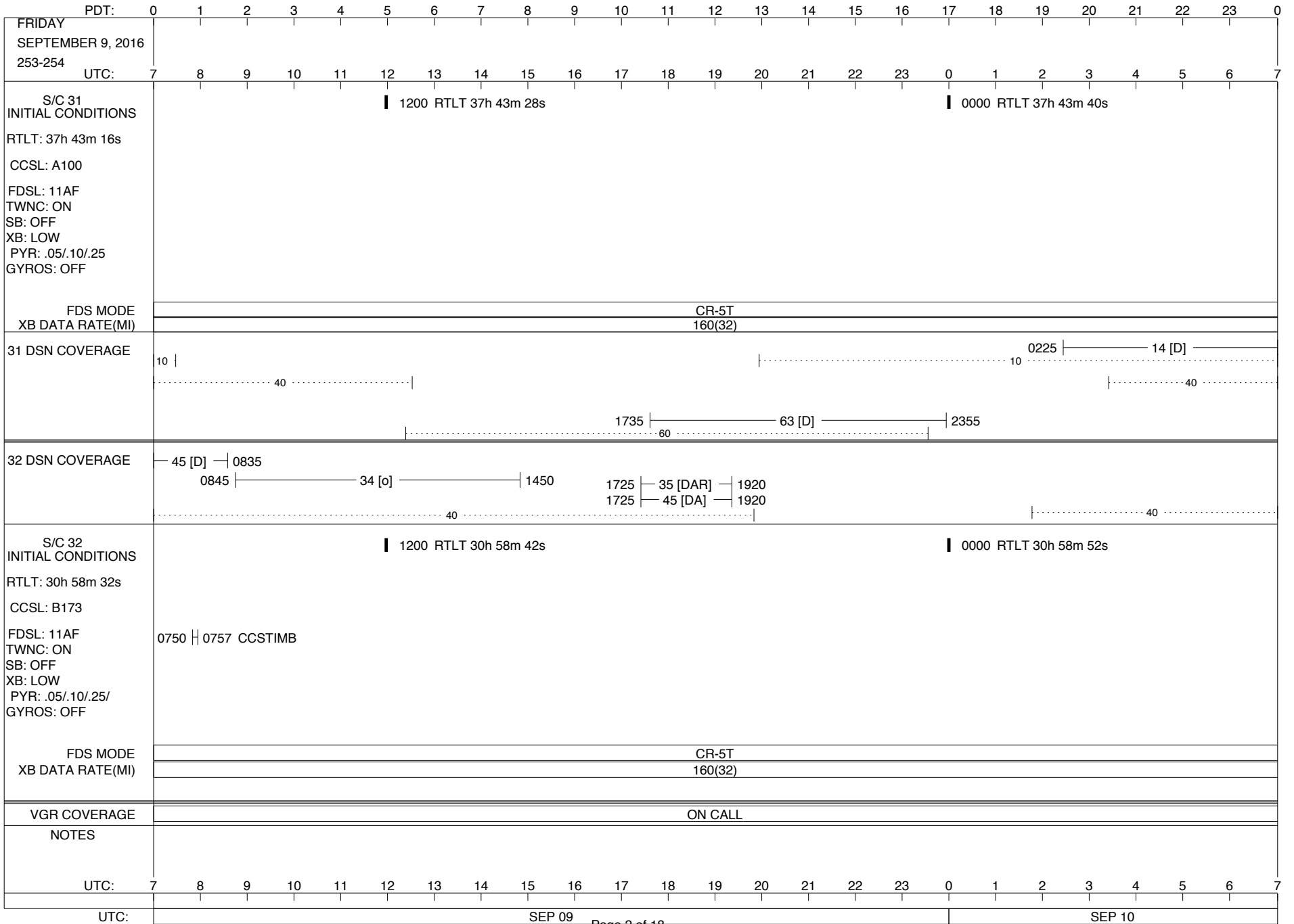
Dodd, S.
 Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina
 Peralta, F.
 Weeks, T.
 Wong, R.
 Yang, L.
 Zottarelli, L.
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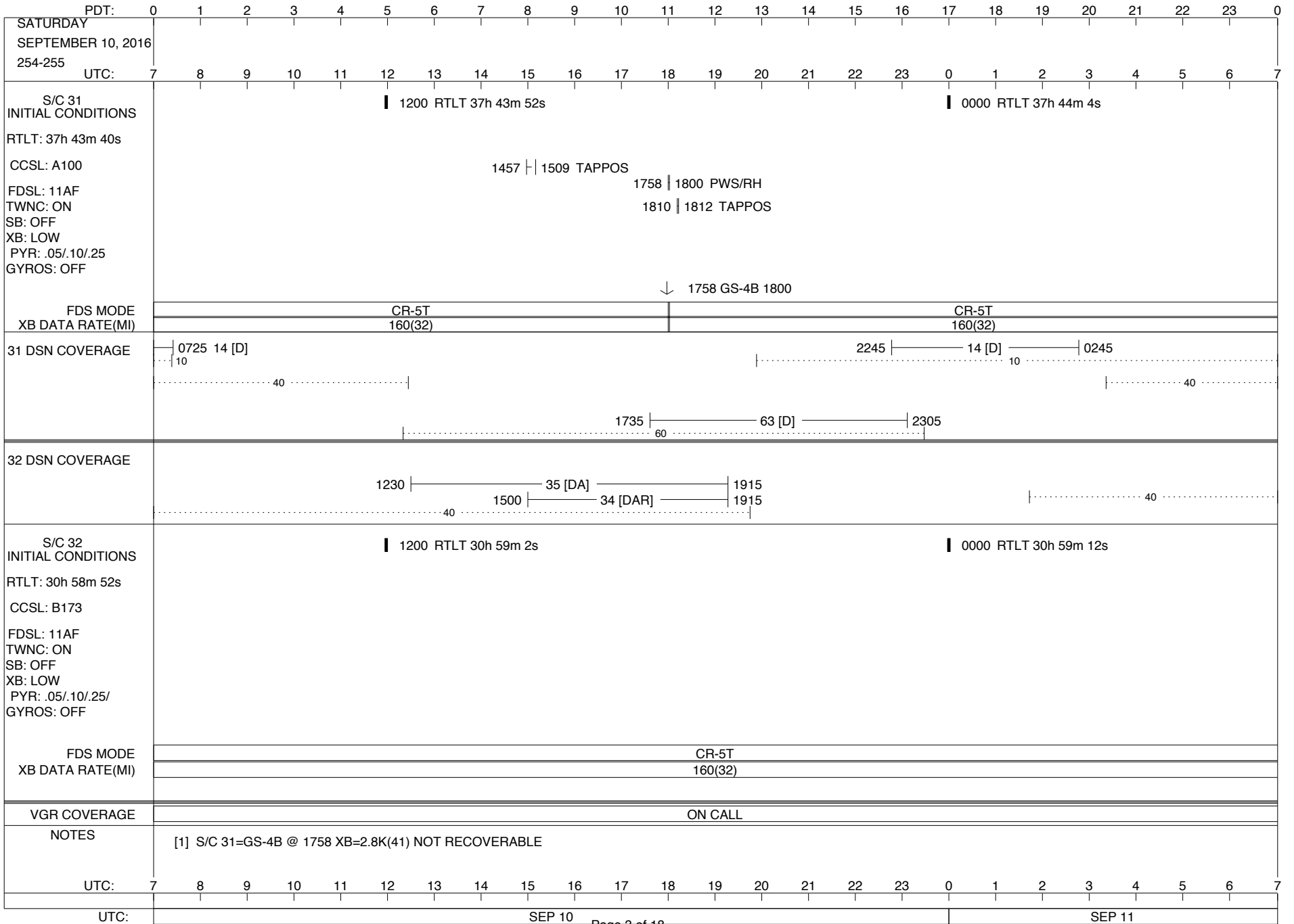
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

*Electronic Copy Only
 (16 – Dist/N: Paper Copies)
 09/08/10

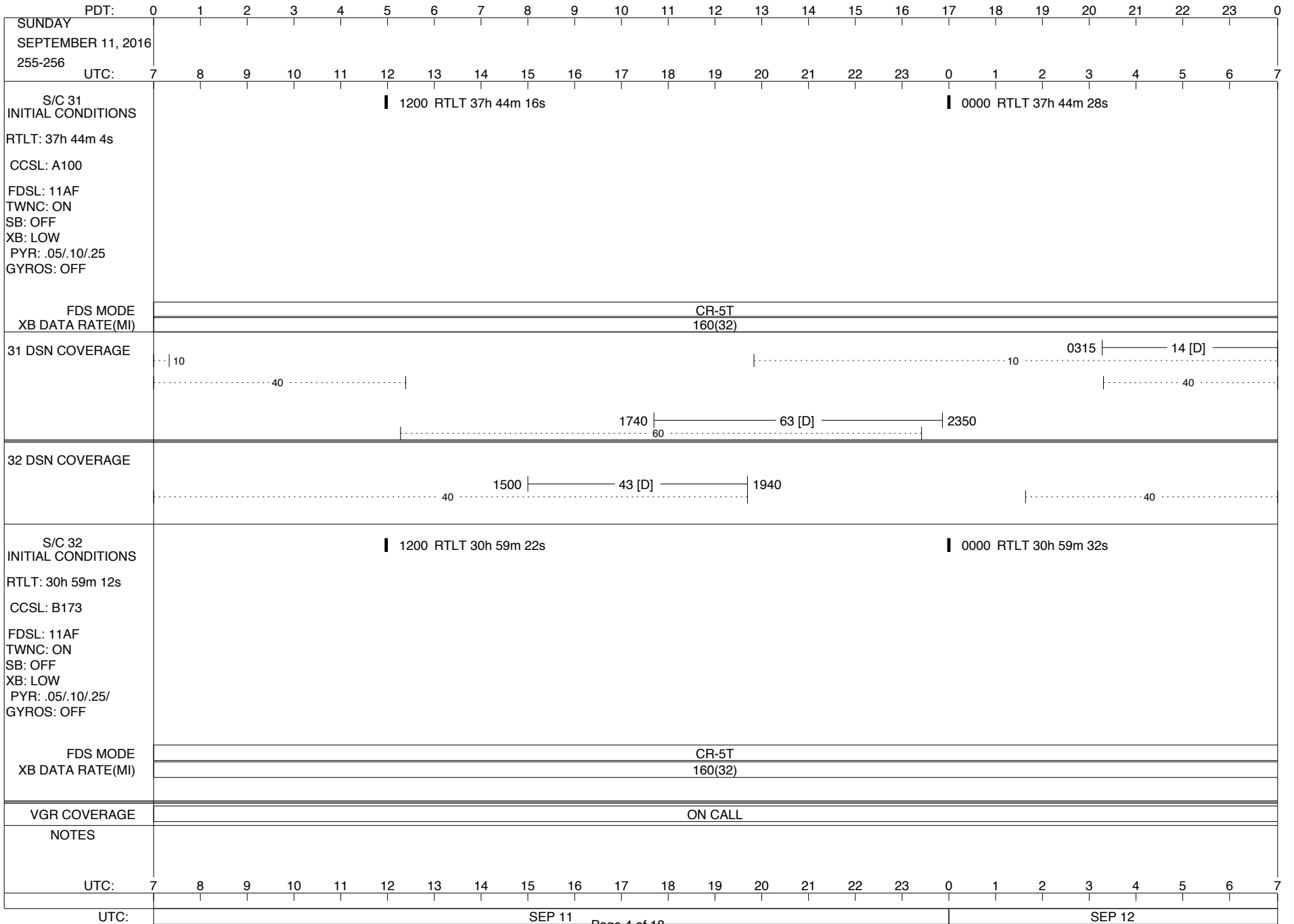
ISSUE DATE: 09/14/16 09:46

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THURSDAY																												
SEPTEMBER 8, 2016																												
252-253																												
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		1200 RTLT 37h 43m 4s												0000 RTLT 37h 43m 16s														
RTLT: 37h 42m 52s																												
CCSL: A100		1156 - 1223 TAPPOS																										
FDSL: 11AF		1459 1500 PWS/RH																										
TWNC: ON		1510 1523 TAPPOS																										
SB: OFF																												
XB: LOW																												
PYR: .05/.10/.25																												
GYROS: OFF																												
FDS MODE		CR-5T												CR-5T														
XB DATA RATE(MI)		160(32)												160(32)														
31 DSN COVERAGE		10 1735 63 [D] 0000 10 40 60 40																										
32 DSN COVERAGE		34 [D] 1235 40 45 [D] 0650 40																										
S/C 32 INITIAL CONDITIONS		1200 RTLT 30h 58m 22s												0000 RTLT 30h 58m 32s														
RTLT: 30h 58m 10s																												
CCSL: B173																												
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.10/.25/																												
GYROS: OFF																												
FDS MODE		CR-5T																										
XB DATA RATE(MI)		160(32)																										
VGR COVERAGE		ONVGRLL												VGR						ON CALL								
NOTES		[1] S/C 31=GS-4B @ 1458 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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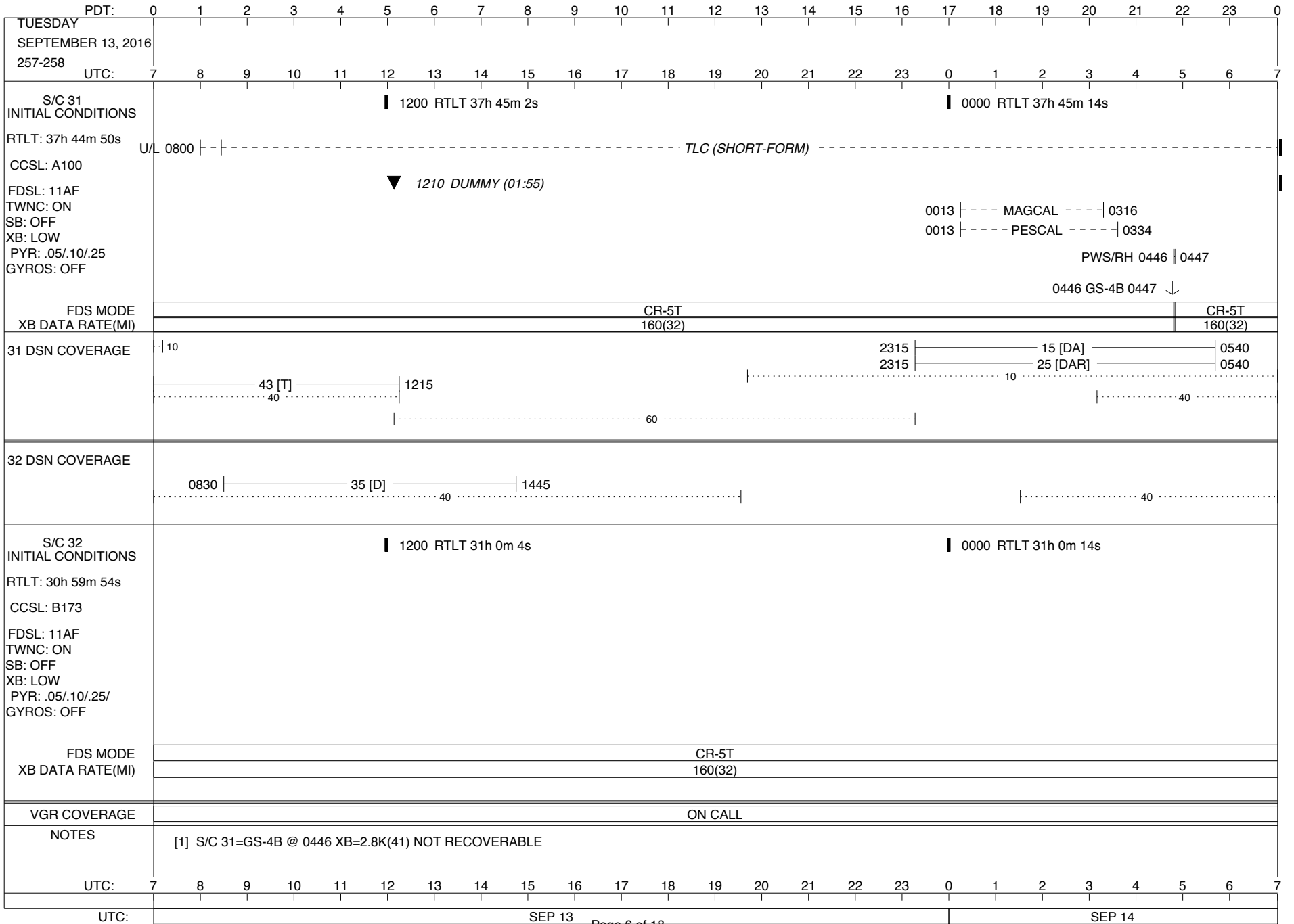
ISSUE DATE: 09/14/16 09:46



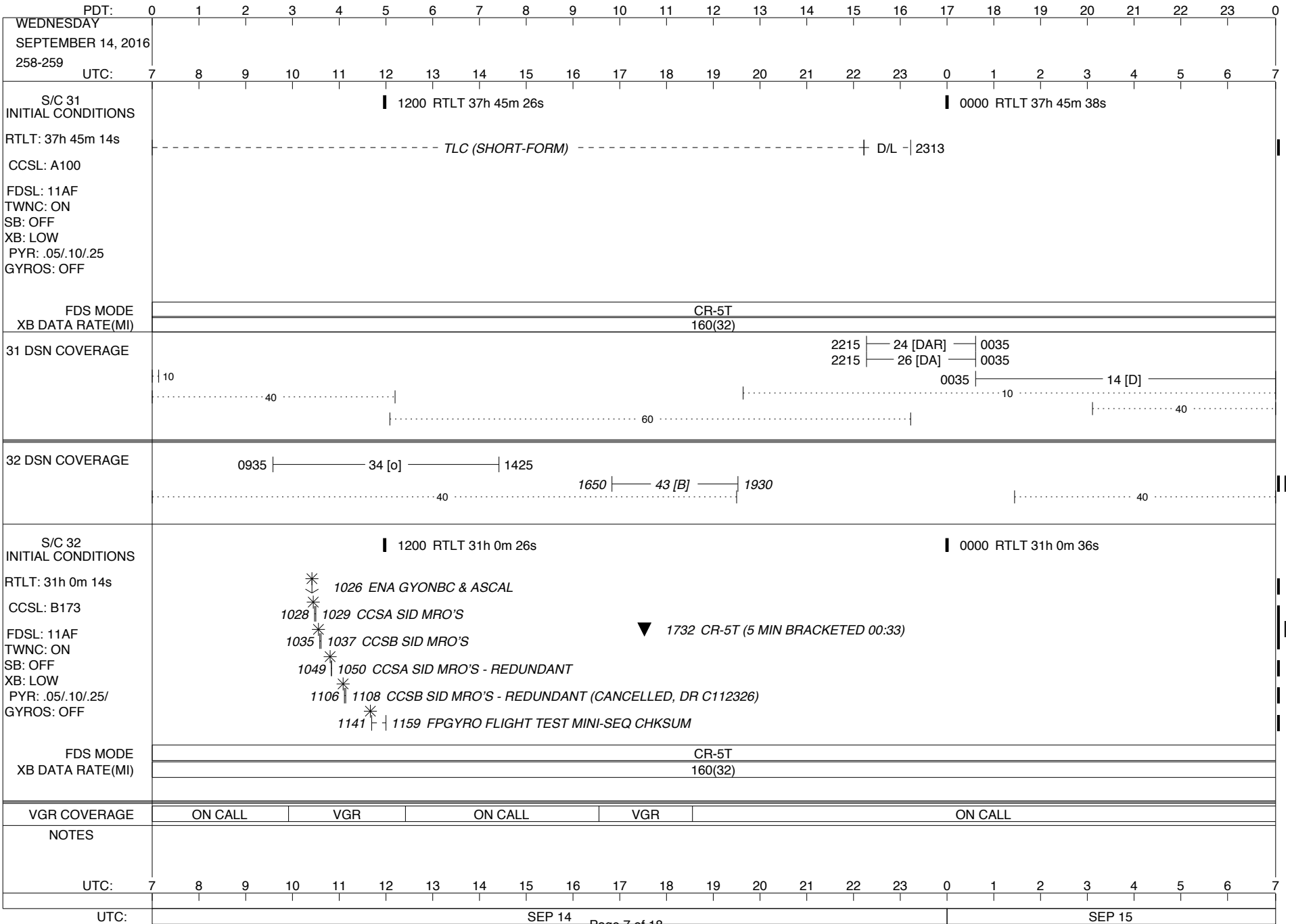
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S/C 31 INITIAL CONDITIONS RTLTL: 37h 44m 28s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 37h 44m 40s												0000 RTLTL 37h 44m 50s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	0715 14 [D] 10												10													
	40												43 [T] 0610 40													
													60													
32 DSN COVERAGE	0825 35 [D] 1450												0250 43 [H1] 0505 40													
S/C 32 INITIAL CONDITIONS RTLTL: 30h 59m 32s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 30h 59m 44s												0000 RTLTL 30h 59m 54s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
VGR COVERAGE	ON CALL												VGR ON CALL													
NOTES	[1] DSS-43 HP DRV ON >= 02:53:14																									
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													

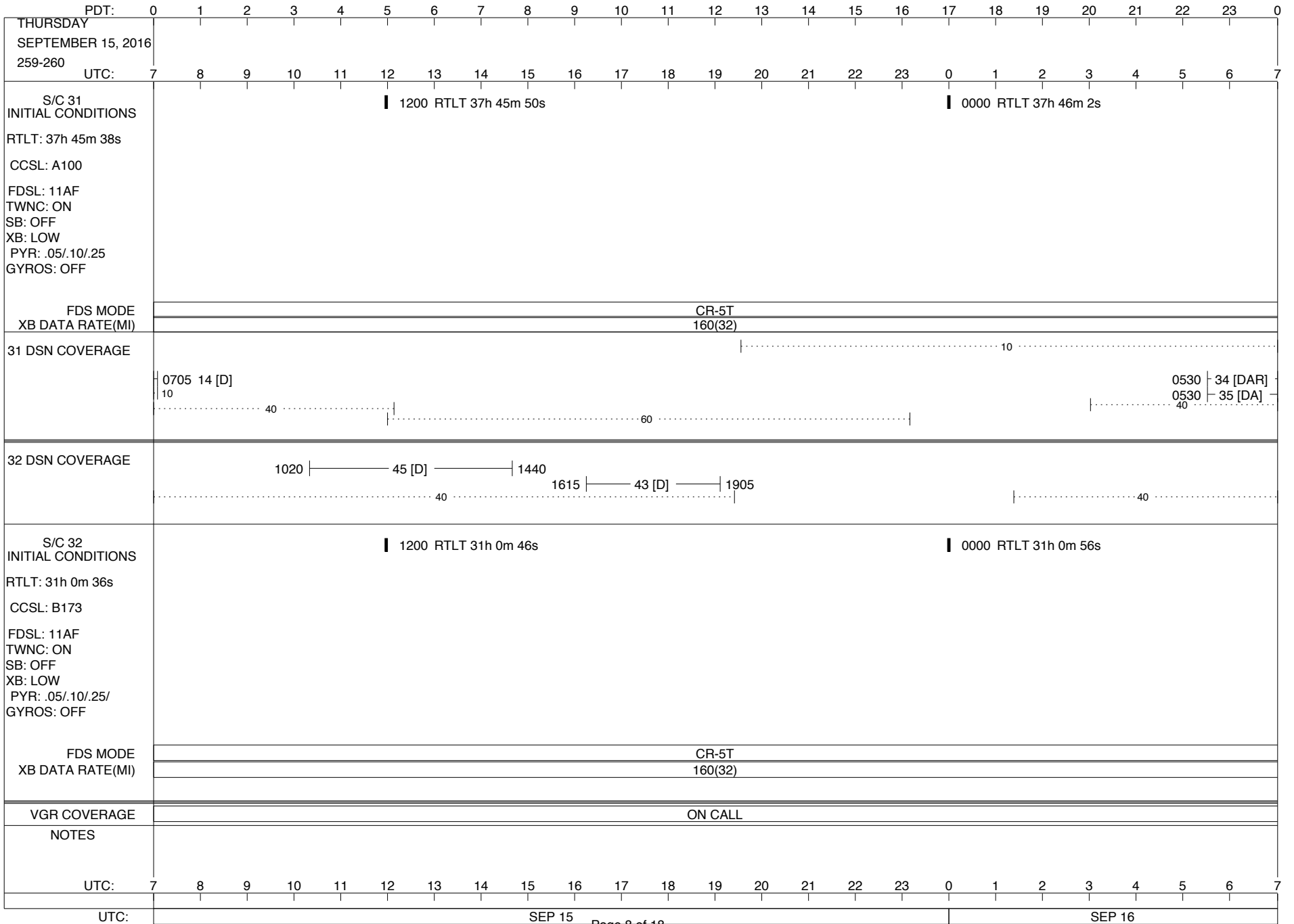
ISSUE DATE: 09/14/16 09:46



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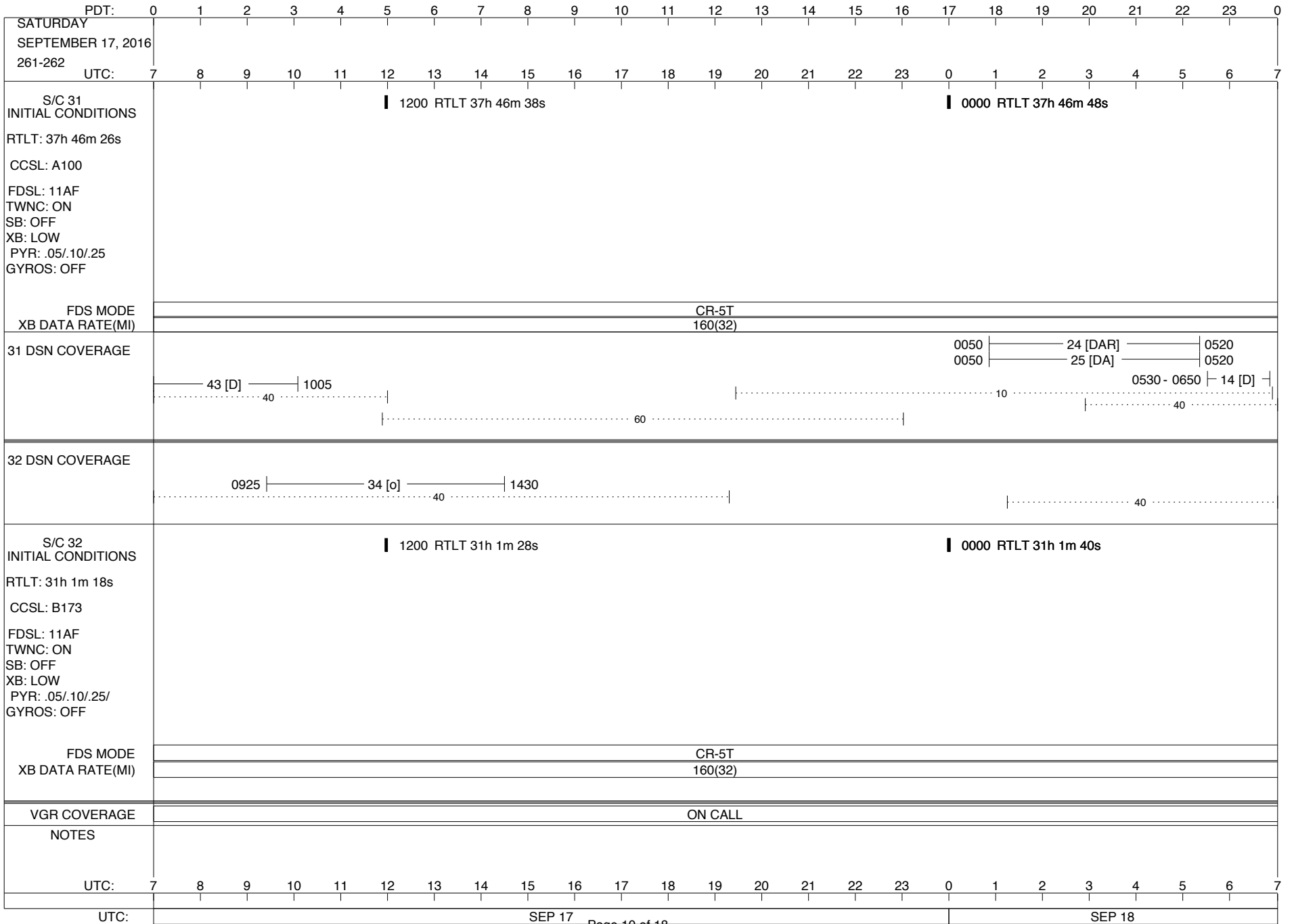


ISSUE DATE: 09/14/16 09:46



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FRIDAY SEPTEMBER 16, 2016 260-261																												
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S/C 31 INITIAL CONDITIONS RTLTL: 37h 46m 2s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 46m 14s												0000 RTLT 37h 46m 26s															
	0758 0813 TAPPOS												1100 1101 PWS/RH															
													1112 - 1141 TAPPOS															
													↓ 1100 GS-4B 1101															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	10										10																	
	34 [DAR] 0950				35 [DA] 0950								43 [D] 0605															
	40								60				40															
32 DSN COVERAGE	1035				34 [D] 1435				1610				43 [D] 1920															
	40												40															
S/C 32 INITIAL CONDITIONS RTLTL: 31h 0m 56s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 31h 1m 8s												0000 RTLT 31h 1m 18s															
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
VGR COVERAGE													ON CALL															
NOTES	[1] S/C 31=GS-4B @ 1100 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: 09/14/16 09:46

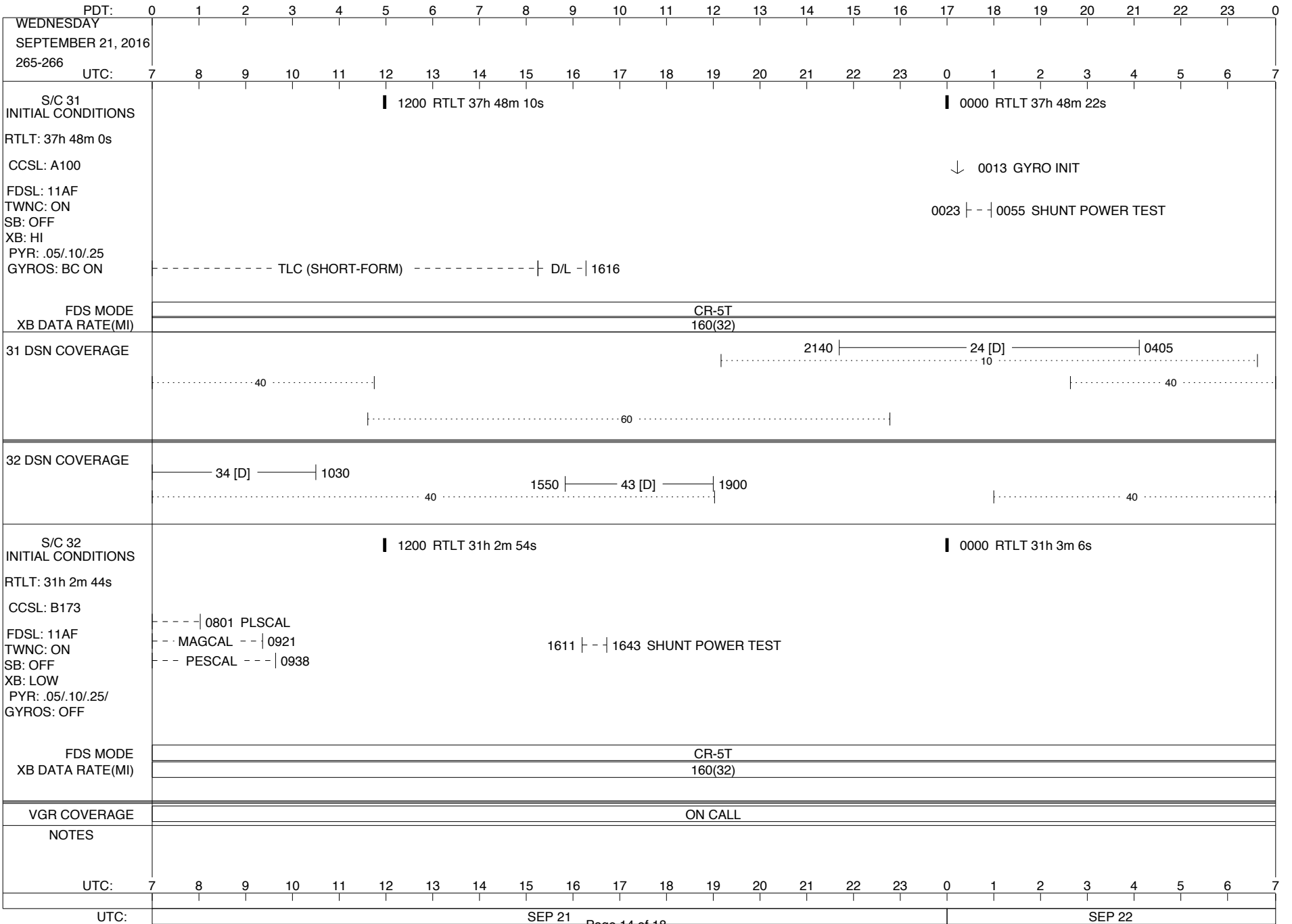


ISSUE DATE: 09/14/16 09:46

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 18, 2016 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 RTLT: 37h 46m 48s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 47m 0s 0000 RTLT 37h 47m 12s
	1058 - 1127 TAPPOS 1401 1402 PWS/RH 1412 - - 1455 TAPPOS ↓ 1400 GS-4B 1402
	FDS MODE CR-5T CR-5T XB DATA RATE(MI) 160(32) 160(32)
	31 DSN COVERAGE 10 40 60 0250 - 0650 43 [D] 40
S/C 32 INITIAL CONDITIONS RTLT: 31h 1m 40s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 31h 1m 50s 0000 RTLT 31h 2m 0s
	32 DSN COVERAGE 35 [D] 0725 - 1430 1600 43 [D2] 1915 40 40
FDS MODE CR-5T XB DATA RATE(MI) 160(32)	ON CALL
VGR COVERAGE NOTES [1] S/C 31=GS-4B @ 1400 XB=2.8K(41) NOT RECOVERABLE [2] NO GO COINTINGENCY U/L TRACK, HP DRV OFF <= 17:53:26	
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 18 SEP 19	

ISSUE DATE: 09/14/16 09:46

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 19, 2016 263-264																									
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S/C 31 INITIAL CONDITIONS RTLT: 37h 47m 12s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 37h 47m 24s																			
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 31h 2m 0s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF						█ 1200 RTLT 31h 2m 12s																			
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:																									

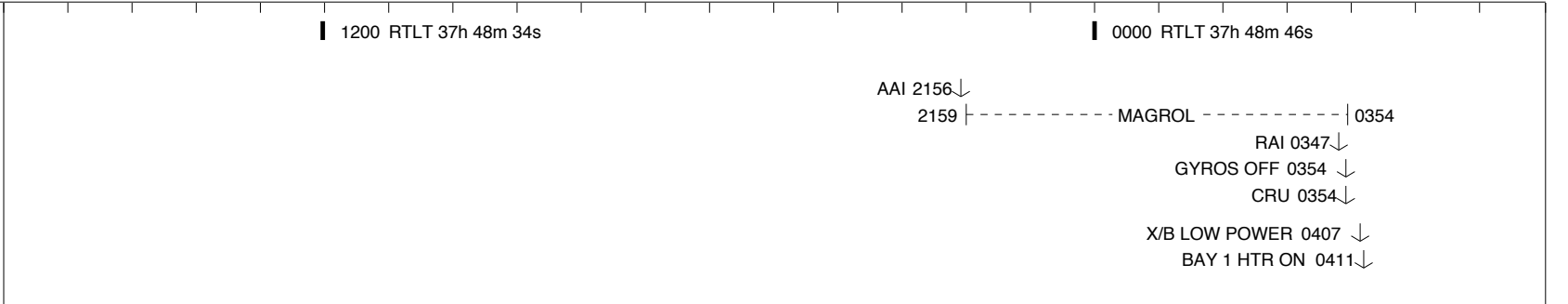


ISSUE DATE: 09/14/16 09:46

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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

THURSDAY
 SEPTEMBER 22, 2016
 266-267

S/C 31
 INITIAL CONDITIONS
 RTLT: 37h 48m 22s
 CCSL: A100
 FDSL: 11AF
 TWNC: ON
 SB: OFF
 XB: HI
 PYR: .05/.10/.25
 GYROS: BC ON



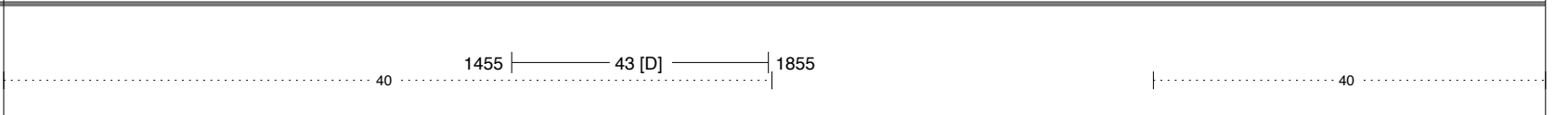
FDS MODE
 XB DATA RATE(MI)

CR-5T
 160(32)

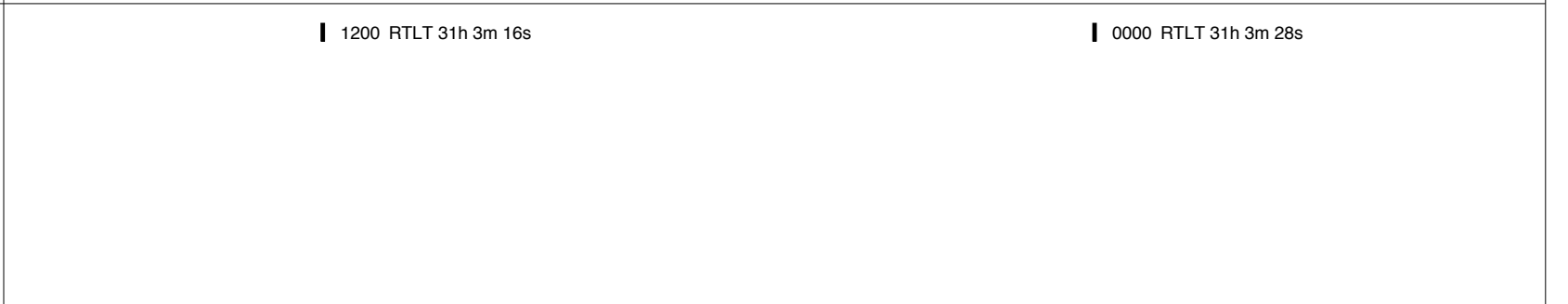
31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
 INITIAL CONDITIONS
 RTLT: 31h 3m 6s
 CCSL: B173
 FDSL: 11AF
 TWNC: ON
 SB: OFF
 XB: LOW
 PYR: .05/.10/.25/
 GYROS: OFF



FDS MODE
 XB DATA RATE(MI)

CR-5T
 160(32)

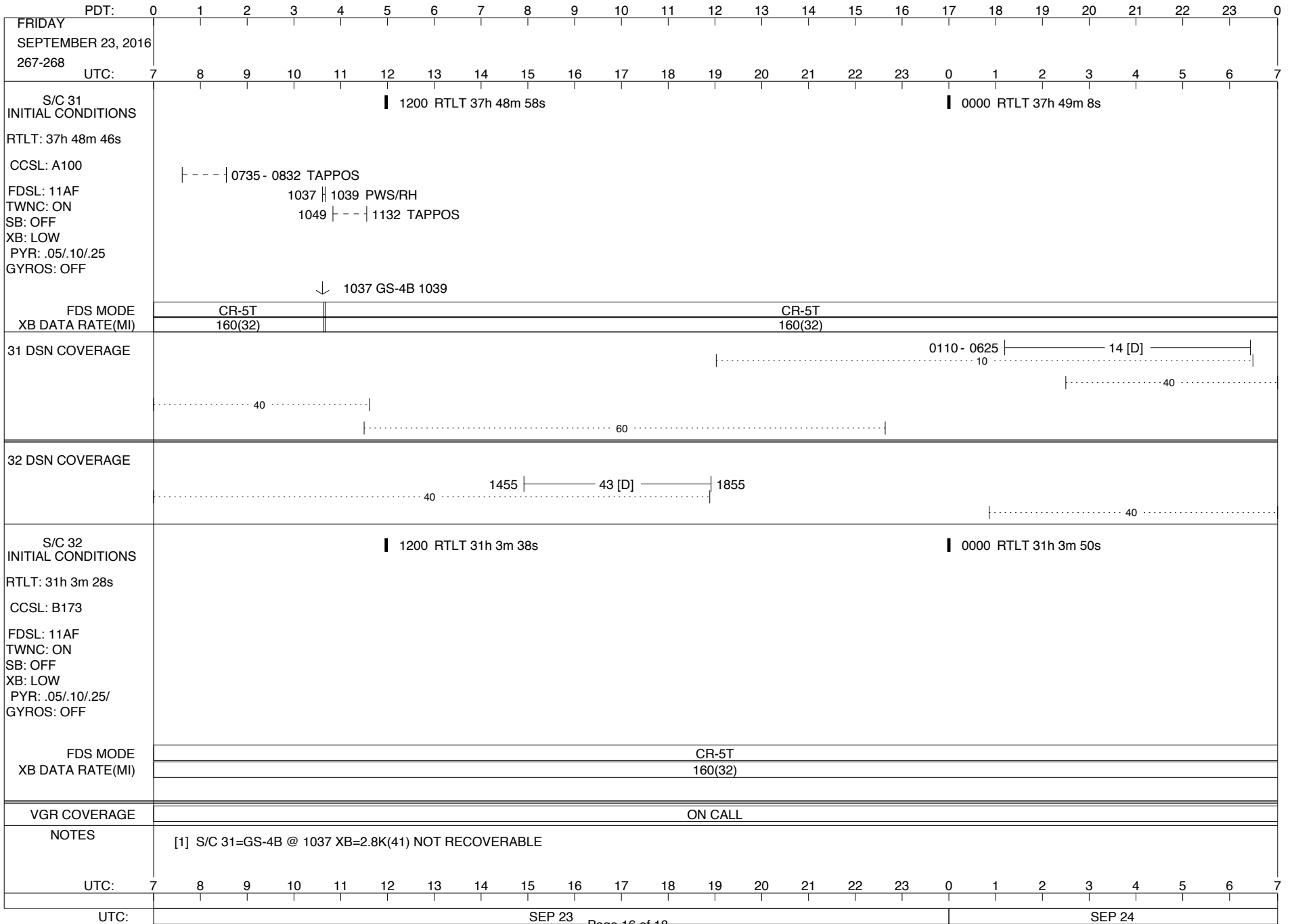
VGR COVERAGE

ON CALL	VGR	ON CALL
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NOTES

[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (2159-0354)

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 22														SEP 23										



ISSUE DATE: 09/14/16 09:46

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SATURDAY SEPTEMBER 24, 2016 268-269																																	
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: 37h 49m 8s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 49m 20s												0000 RTLT 37h 49m 32s																				
FDS MODE	CR-5T												CR-5T																				
XB DATA RATE(MI)	160(32)												160(32)																				
31 DSN COVERAGE	40												1945	2040 25 [DA]			2345			10													
													1945	26 [DAR]			2345																
													1945	24 [DA]			2345			40													
32 DSN COVERAGE	1045												34 [D]			1405			40														
													1400			43 [D]			1800														
S/C 32 INITIAL CONDITIONS RTLTL: 31h 3m 50s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 31h 4m 0s												0000 RTLT 31h 4m 12s																				
	1352												1524 FPGYRO FLIGHT TEST																				
	↓												1422 GYROS BC ON																				
	↓												1422 BAY-1 HTR OFF																				
	↓												1434 GYROS OFF																				
	↓												1448 X-BAND TWTA HIGH POWER																				
	↓												1449 X-BAND TWTA LOW POWER																				
	↓												1453 BAY-1 HTR ON																				
	1454												1455 CCSA FPGYRO MRO																				
	1456												1457 CCSB FPGYRO MRO'S																				
	1458												1502 AACS PC QUEUE MRO																				
	EL-40 1352												↓ 1524 CR-5T																				
FDS MODE	CR-5T						EL-40						CR-5T																				
XB DATA RATE(MI)	160(32)						40(30)						ON CALL																				
VGR COVERAGE	ON CALL						VGR						ON CALL																				
NOTES	[1] S/C 32=EL-40 @ 2352 XB=40(30)																																
	[2] S/C 32=CR-5T @ 1524 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 24														SEP 25																		

ISSUE DATE: 09/14/16 09:46

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 25, 2016 269-270																											
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: 37h 49m 32s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLTL 37h 49m 44s</p> <p style="text-align: center;">1036 - - - 1119 TAPPOS</p> <p style="text-align: center;">1338 1339 PWS/RH</p> <p style="text-align: center;">1349 - 1418 TAPPOS</p> <p style="text-align: center;">↓ 1337 GS-4B 1339</p>																										
FDS MODE	CR-5T													CR-5T													
XB DATA RATE(MI)	160(32)													160(32)													
31 DSN COVERAGE	<p style="text-align: center;">1945 ————— 14 [D] ————— 2345</p> <p style="text-align: center;">..... 40 60</p>																										
32 DSN COVERAGE	<p style="text-align: center;">1005 ————— 34 [D] ————— 1405</p> <p style="text-align: center;">..... 40 1535 ————— 43 [D] ————— 1845</p>																										
S/C 32 INITIAL CONDITIONS RTLTL: 31h 4m 12s CCSL: B173 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<p style="text-align: center;">█ 1200 RTLTL 31h 4m 22s</p>																										
FDS MODE	CR-5T																										
XB DATA RATE(MI)	ON CALL																										
VGR COVERAGE	ON CALL																										
NOTES	[1] S/C 31=GS-4B @ 1337 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 25													SEP 26													