

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: September 5, 2012

For the Period: 09/06/12 to 09/25/12 (12-250 – 12-268)

**DSN OPSCHIEF (1) 230-102**

**SCIENCE**

**FLIGHT TEAM (14) 600-100**

**DSOT (1) 230-102**

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 Ludwig, R. (2)  
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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 = 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  
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 09/08/10

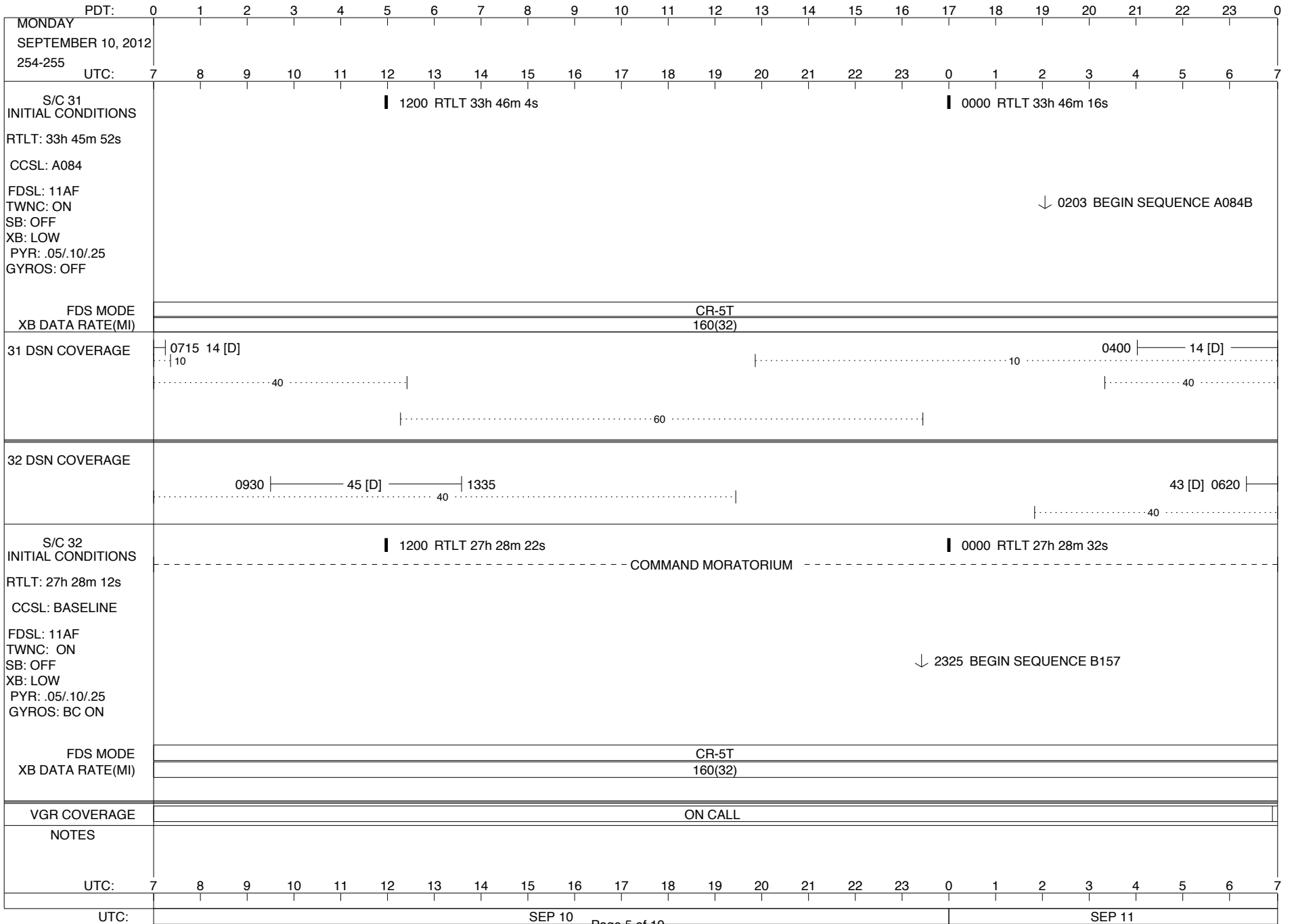
ISSUE DATE: 09/18/12 14:33

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S/C 31 INITIAL CONDITIONS RTLTL: 33h 44m 18s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 33h 44m 30s												0000 RTLT 33h 44m 40s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0735 14 [D]												0325 14 [D]												
	40												40												
	2025 63 [D] 2300												60												
32 DSN COVERAGE	1305 34 [D] 1730												43 [D] 0630												
	40												40												
	1710 43 [D] 2000																								
S/C 32 INITIAL CONDITIONS RTLTL: 27h 26m 50s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 27h 27m 0s												0000 RTLT 27h 27m 10s												
	0700 ----- COMMAND MORATORIUM -----																								
	* ↓ 1432 LINK ECR 111844												GYROS BC ON 0639 ↓												
	* 1434   1445 TLMPRG												GYRO INIT 0640 ↓												
	* 1446   1452 SID MRO'S												GYRO FAULT TEST 0649 ↓												
	* * EL-40 1409 ↓ ↓ 1453 CR-5T																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 32=EL-40 XB=40(30) @ 1409 [2] S/C 32=CR-5T XB=160(32) @ 1453																								
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UTC:	SEP 06												SEP 07												

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FRIDAY SEPTEMBER 7, 2012 251-252																									
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S/C 31 INITIAL CONDITIONS RTLTL: 33h 44m 40s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 33h 44m 52s												0000 RTLTL 33h 45m 4s												
	1208   - - -   1302 TAPPOS												1510    1511 PWS/RH												
													1718   - -   1758 TAPPOS												
													↓ 1510 GS-4B 1511												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0730 14 [D]										0020  -----  14 [D]  -----  0535														
	-----  40  -----										-----  10  -----  40  -----														
											1930  -----  63 [D]  -----  2310														
											-----  60  -----														
32 DSN COVERAGE	43 [D]  -----  1105										-----  40  -----														
	1045  -----  45 [D]  -----  1350																								
	-----  40  -----																								
S/C 32 INITIAL CONDITIONS RTLTL: 27h 27m 10s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 27h 27m 20s												0000 RTLTL 27h 27m 30s												
	----- COMMAND MORATORIUM -----   0312																								
	0739 - 0746 CCSTIMB																								
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 1510 XB=2.8K(41) NOT RECOVERABLE																								
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UTC:	SEP 07												SEP 08												

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SATURDAY SEPTEMBER 8, 2012 252-253	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: 33h 45m 4s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 33h 45m 16s												0000 RTLTL 33h 45m 28s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	10   ..... 40 .....												0045 - 0645   ..... 24 [DAR] .....   0045 - 0645   ..... 25 [DA] .....												
	..... 60 .....												1955   ..... 65 [DA] .....   2255 1955   ..... 54 [DAR] .....   2255												
32 DSN COVERAGE	..... 1155   ..... 45 [D] .....   1600												..... 40 .....												
S/C 32 INITIAL CONDITIONS RTLTL: 27h 27m 30s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 27h 27m 40s												0000 RTLTL 27h 27m 50s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	↓ 1225 BML LTE PWS HI/WFR PWR OFF																								
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 08												SEP 09												

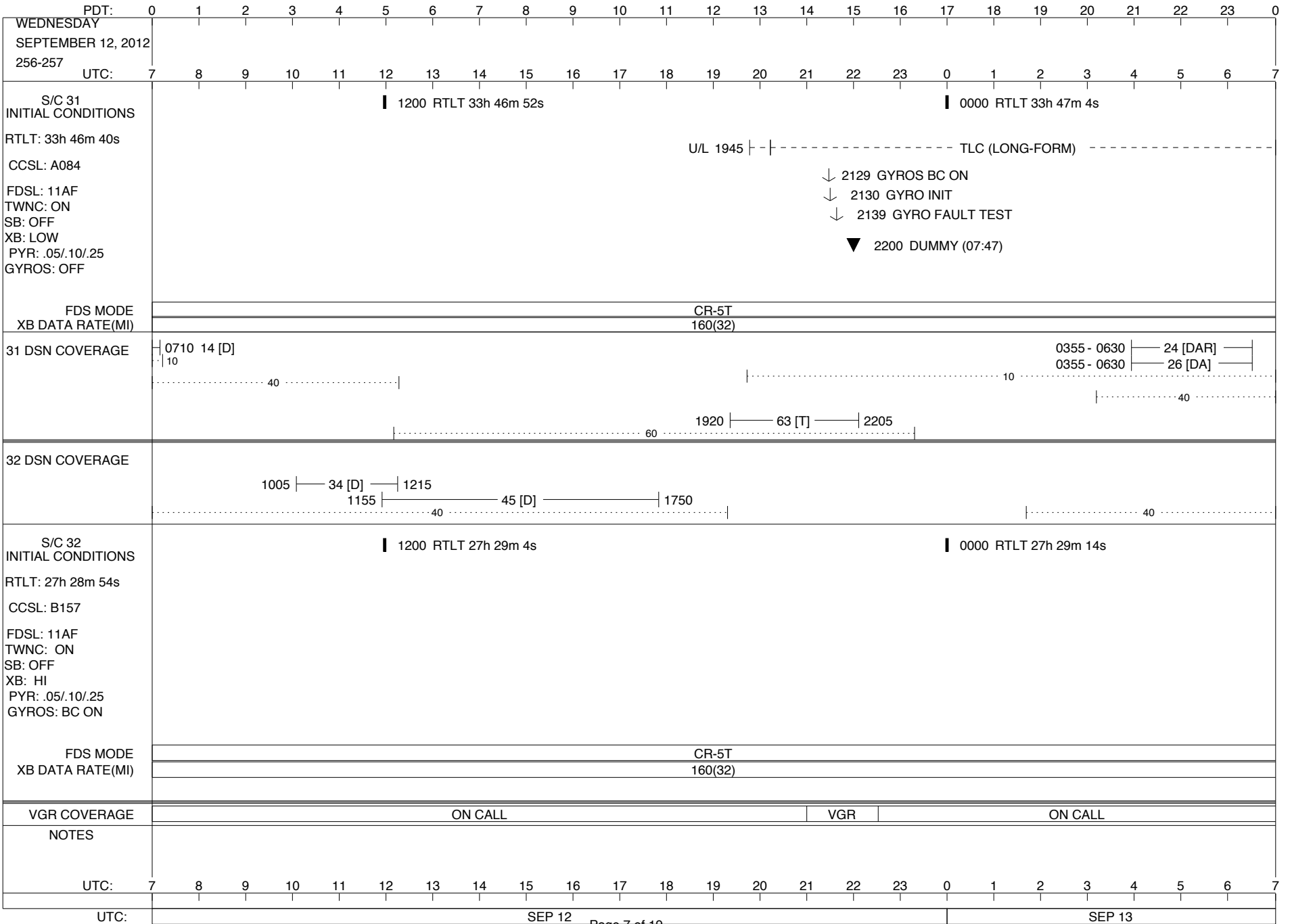
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SUNDAY SEPTEMBER 9, 2012 253-254	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 33h 45m 28s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 45m 40s												0000 RTLT 33h 45m 52s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS RTLT: 27h 27m 50s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 27h 28m 0s												0000 RTLT 27h 28m 12s COMMAND MORATORIUM 0426													
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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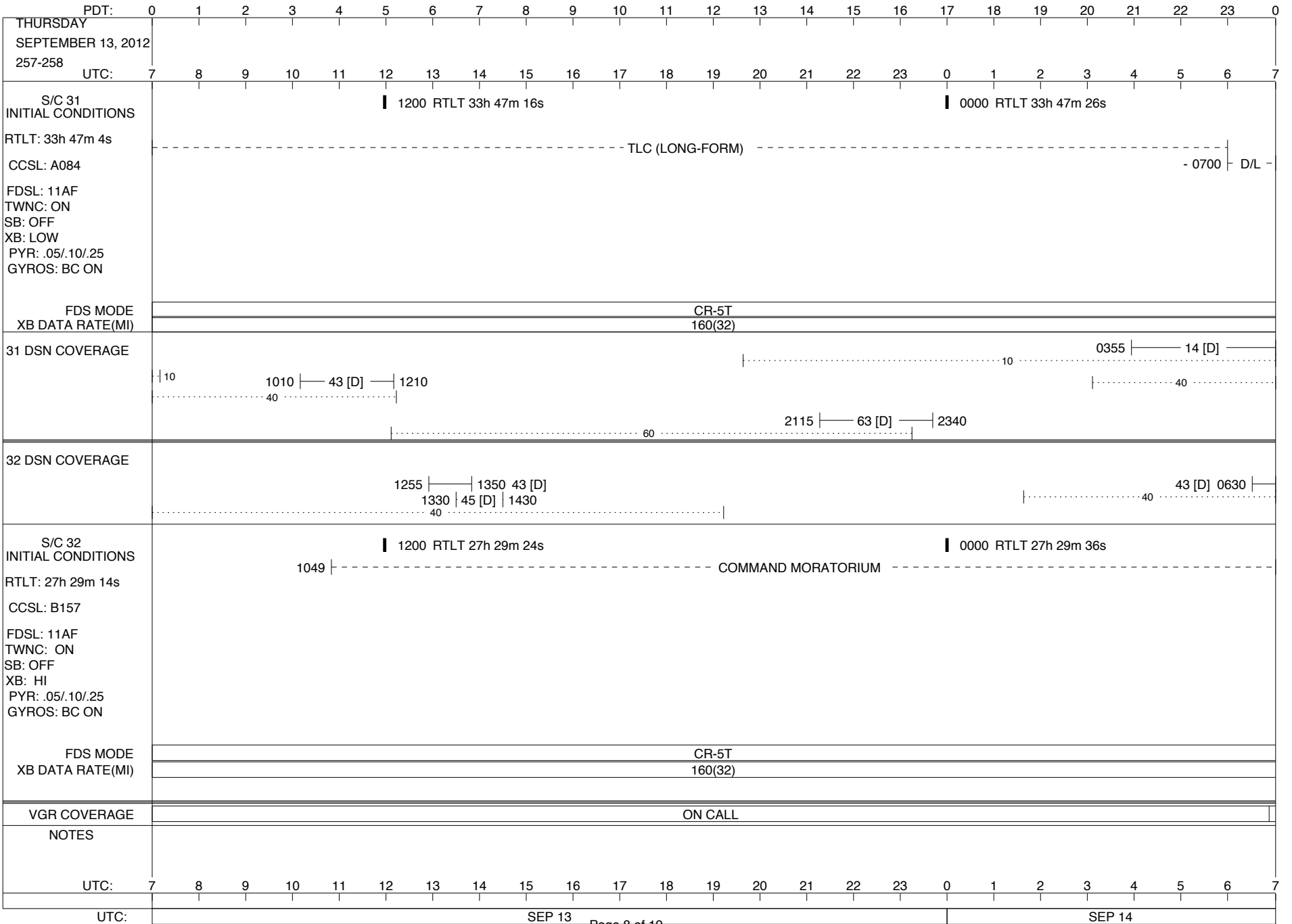
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TUESDAY SEPTEMBER 11, 2012 255-256																									
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S/C 31 INITIAL CONDITIONS RTLTL: 33h 46m 16s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 33h 46m 28s												0000 RTLTL 33h 46m 40s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0715 14 [D] 10												2330 14 [D] 10												
	40												40												
	1925 63 [D]												2335												
	60												40												
32 DSN COVERAGE	43 [D] 1155												1420												
	1135 34 [D]												40												
	40												40												
S/C 32 INITIAL CONDITIONS RTLTL: 27h 28m 32s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 27h 28m 42s												0000 RTLTL 27h 28m 54s												
	----- COMMAND MORATORIUM -----																								
	0400																								
	↓ 0724 BAY 1 HTR OFF ↓ 0728 X BAND HIGH PWR ↓ 0756 ALL DB=.05 ↓ 0812 AAI ↓ 0850 ASCAL ↓ 0847 RAI ↓ 0850 CRU ↓ 0852 CR-5T ↓ 0910 GYRO FAULT TEST ↓ 0740 EL-40 ↓ 0858 ROLL=.25																								
FDS MODE	EL-40												CR-5T												
XB DATA RATE(MI)	40(30)												160(32)												
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0511 XB=2.8K(41) NOT RECOVERABLE [2] S/C 32=CR-5T XB=160(32) @ 0852																								
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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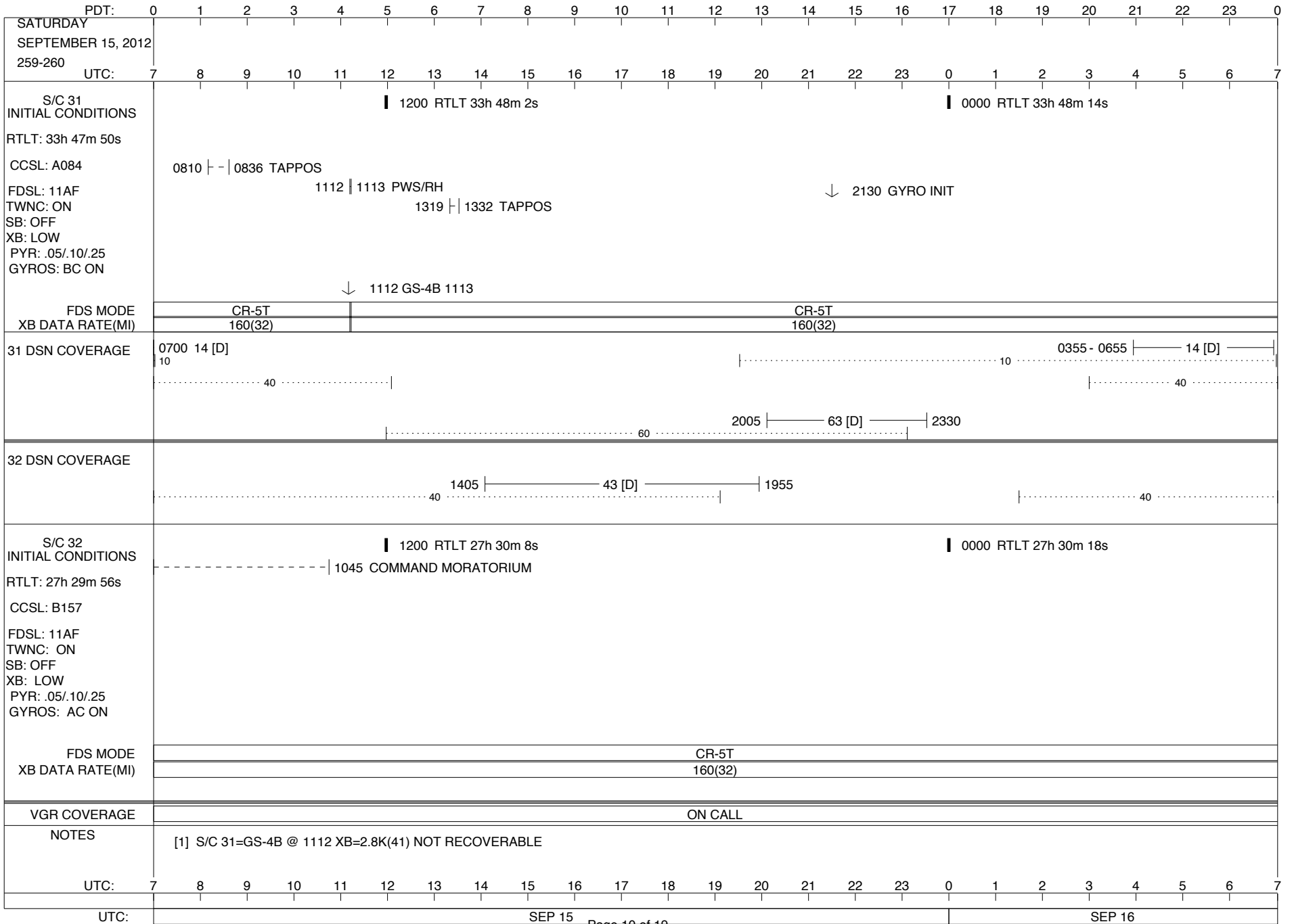


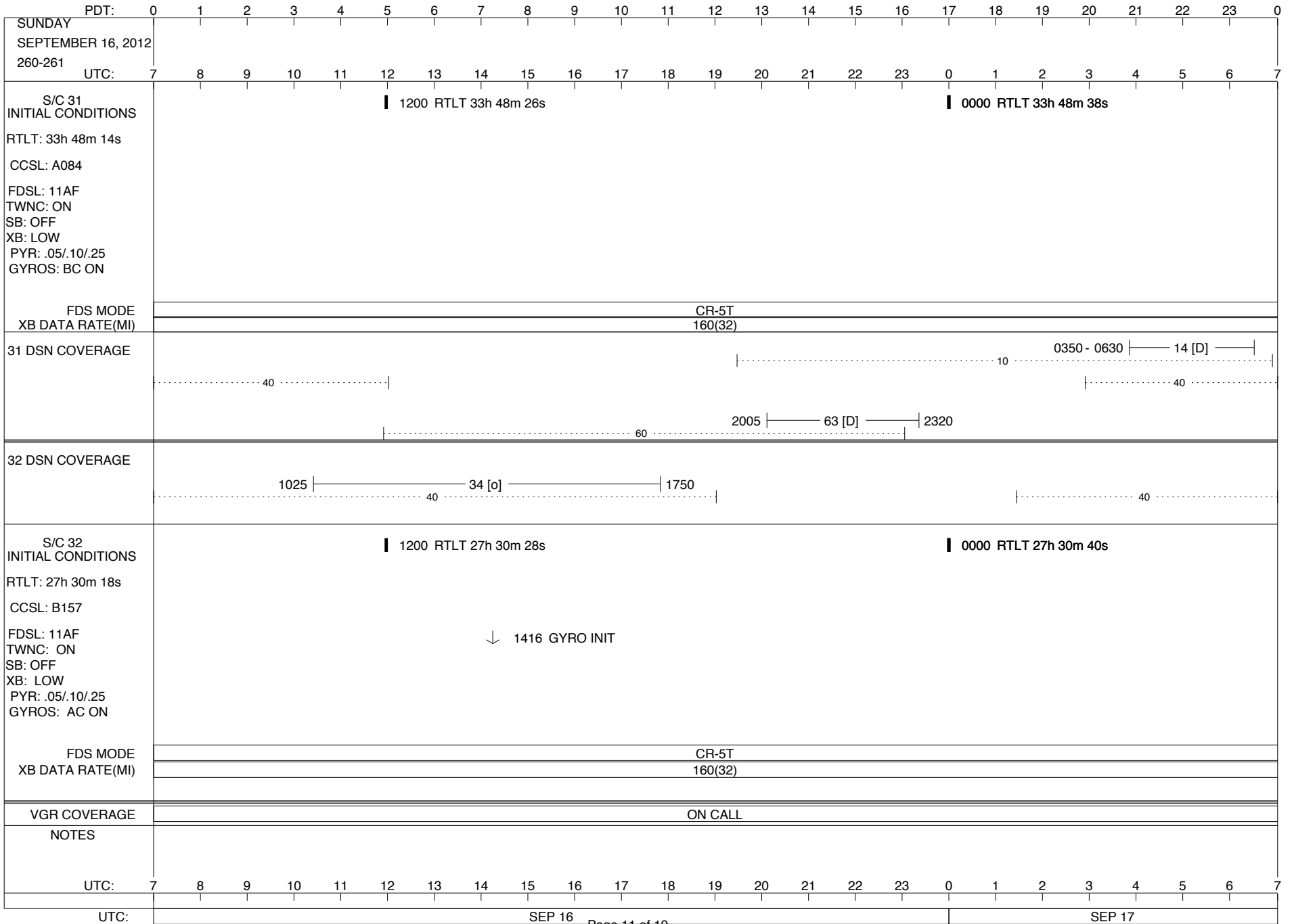
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UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 33h 47m 26s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON																									
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLTL: 27h 29m 36s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON																									
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:																									





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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
MONDAY SEPTEMBER 17, 2012 261-262																									
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S/C 31 INITIAL CONDITIONS RTLTL: 33h 48m 38s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: BC ON						█ 1200																			
FDS MODE																									
XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLTL: 27h 30m 40s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: AC ON						█ 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
UTC:																									

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 18, 2012 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: 33h 49m 2s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 33h 49m 12s												0000 RTLTL 33h 49m 24s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	1005   43 [D]   1150 40  -----												2000   63 [D]   2315 60  -----															
32 DSN COVERAGE	1250   43 [B]   1725 40  -----												0245   24 [DAR]   0600 0245   25 [DA]   0600 40  -----															
S/C 32 INITIAL CONDITIONS RTLTL: 27h 31m 2s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	1200 RTLTL 27h 31m 12s												0000 RTLTL 27h 31m 22s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
VGR COVERAGE	ON CALL												ON CALL															
NOTES	[1] S/C 31=GS-4B @ 0448 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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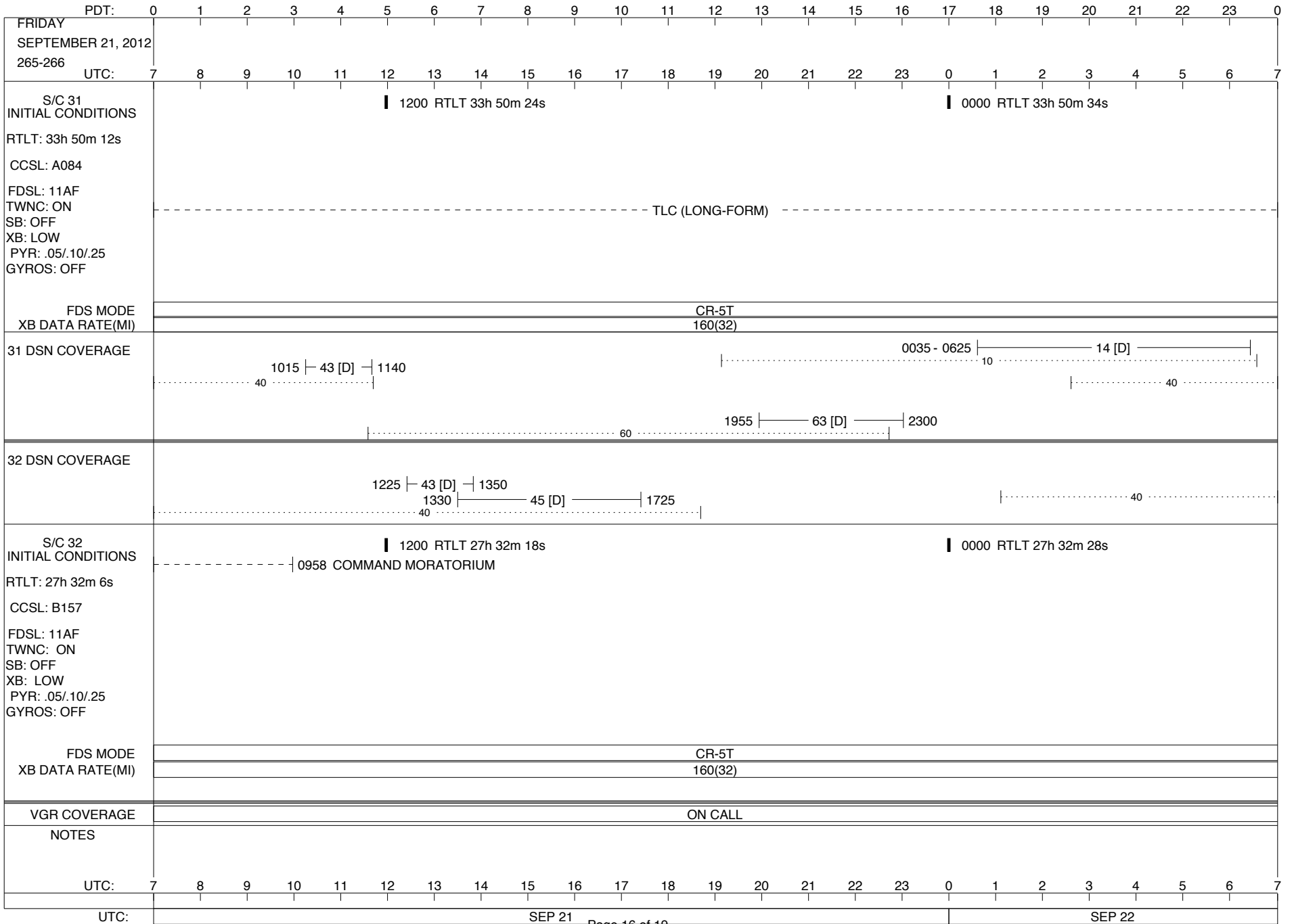
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WEDNESDAY SEPTEMBER 19, 2012 263-264																												
S/C 31 INITIAL CONDITIONS RTLT: 33h 49m 24s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 33h 49m 36s														0000 RTLT 33h 49m 48s ↓ 2112 TEMP CRS CMD WORD UPDATE ↓ 2117 BAY 1 HTR OFF ↓ 2121 X/B HI POWER ↓ 2141 AAI 2143  ----- MAGROL -----  0339 RAI 0332 ↓ GYROS OFF 0339 ↓ CRU 0339 ↓ X/B LOW POWER 0342 ↓ BAY 1 HTR ON 0346 ↓ RESTORE CRS CMD WORDS 0351 ↓													
FDS MODE XB DATA RATE(MI)	CR-5T														160(32)													
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLT: 27h 31m 22s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	1200 RTLT 27h 31m 34s 1028  ----- COMMAND MORATORIUM -----														0000 RTLT 27h 31m 44s													
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 (2143-0339)																											
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 19														SEP 20													

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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
THURSDAY SEPTEMBER 20, 2012 264-265																									
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S/C 31 INITIAL CONDITIONS RTLTL: 33h 49m 48s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200															█ 0000				
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLTL: 27h 31m 44s CCSL: B157 FDSL: 11AF TWNC: ON 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
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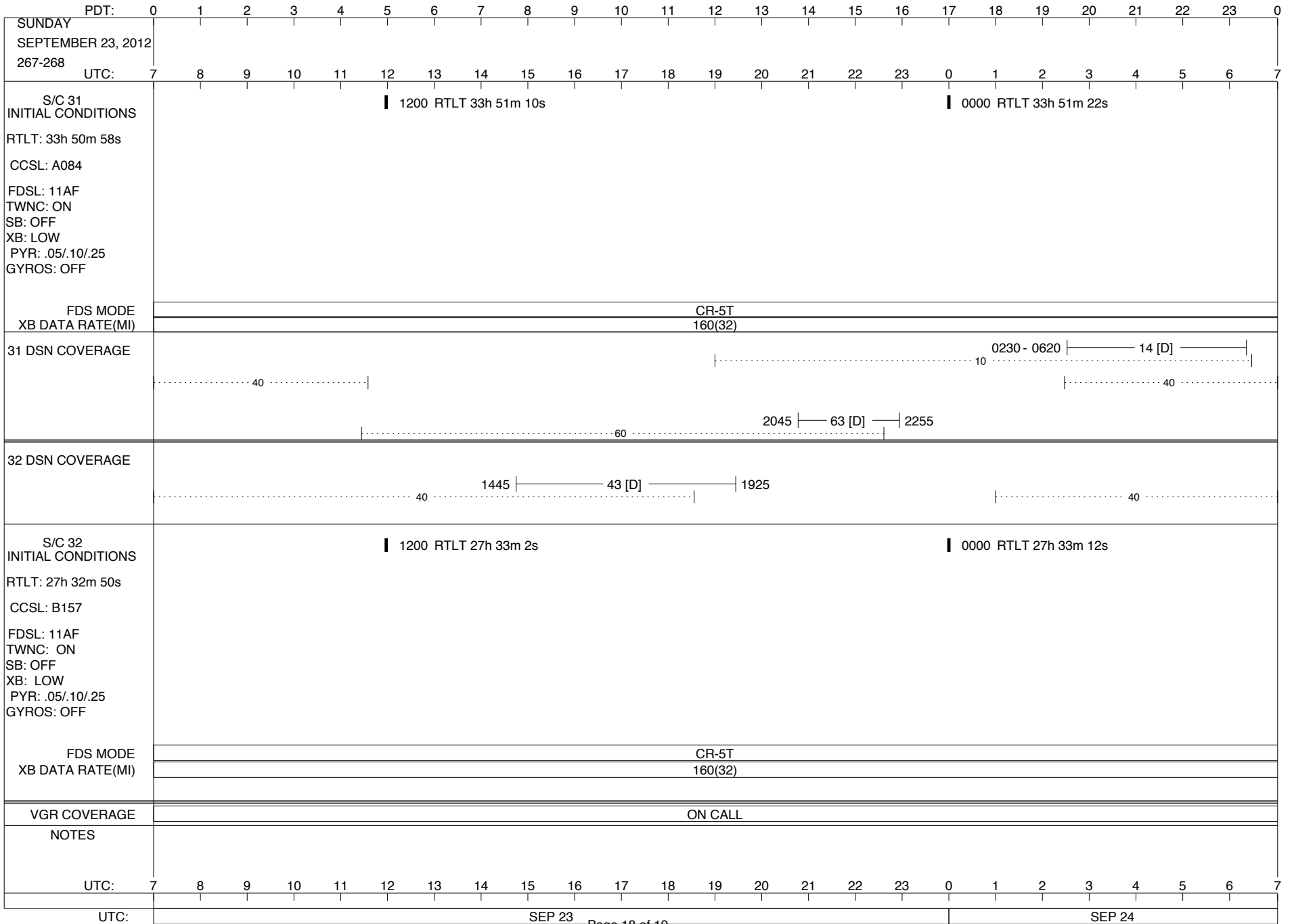


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S/C 31 INITIAL CONDITIONS RTLTL: 33h 50m 34s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 33h 50m 46s												0000 RTLTL 33h 50m 58s												
	0747   0748 TAPPOS 1049   1050 PWS/RH 1257     1312 TAPPOS																								
	---   TLC (LONG-FORM)   D/L -   0848																								
	↓ 1049 GS-4B 1050																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	40												0115 - 0625   14 [D]   10												
	60												40												
32 DSN COVERAGE	1200   43 [D]   1600 40												40												
S/C 32 INITIAL CONDITIONS RTLTL: 27h 32m 28s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 27h 32m 40s												0000 RTLTL 27h 32m 50s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1049 XB=2.8K(41) NOT RECOVERABLE																								
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UTC:	SEP 22												SEP 23												

ISSUE DATE: 09/18/12 14:33



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MONDAY SEPTEMBER 24, 2012 268-269																											
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S/C 31 INITIAL CONDITIONS RTLT: 33h 51m 22s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 51m 32s																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<p>.....40..... </p> <p>.....60.....  2050   63 [D]   2240</p>																										
32 DSN COVERAGE	<p>.....40.....  1520   43 [D]   1920</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 27h 33m 12s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 27h 33m 24s																										
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 24													SEP 25													