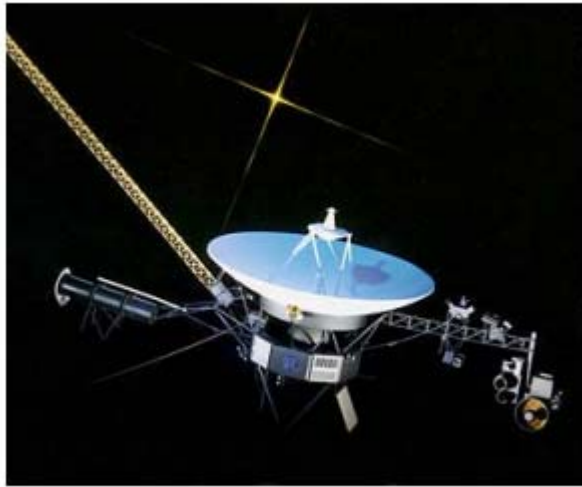


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: August 31, 2022

For the Period: 09/01/22 to 09/19/22 (22/244 – 22/262)



Posted at <https://voyager.jpl.nasa.gov/mission/status/>

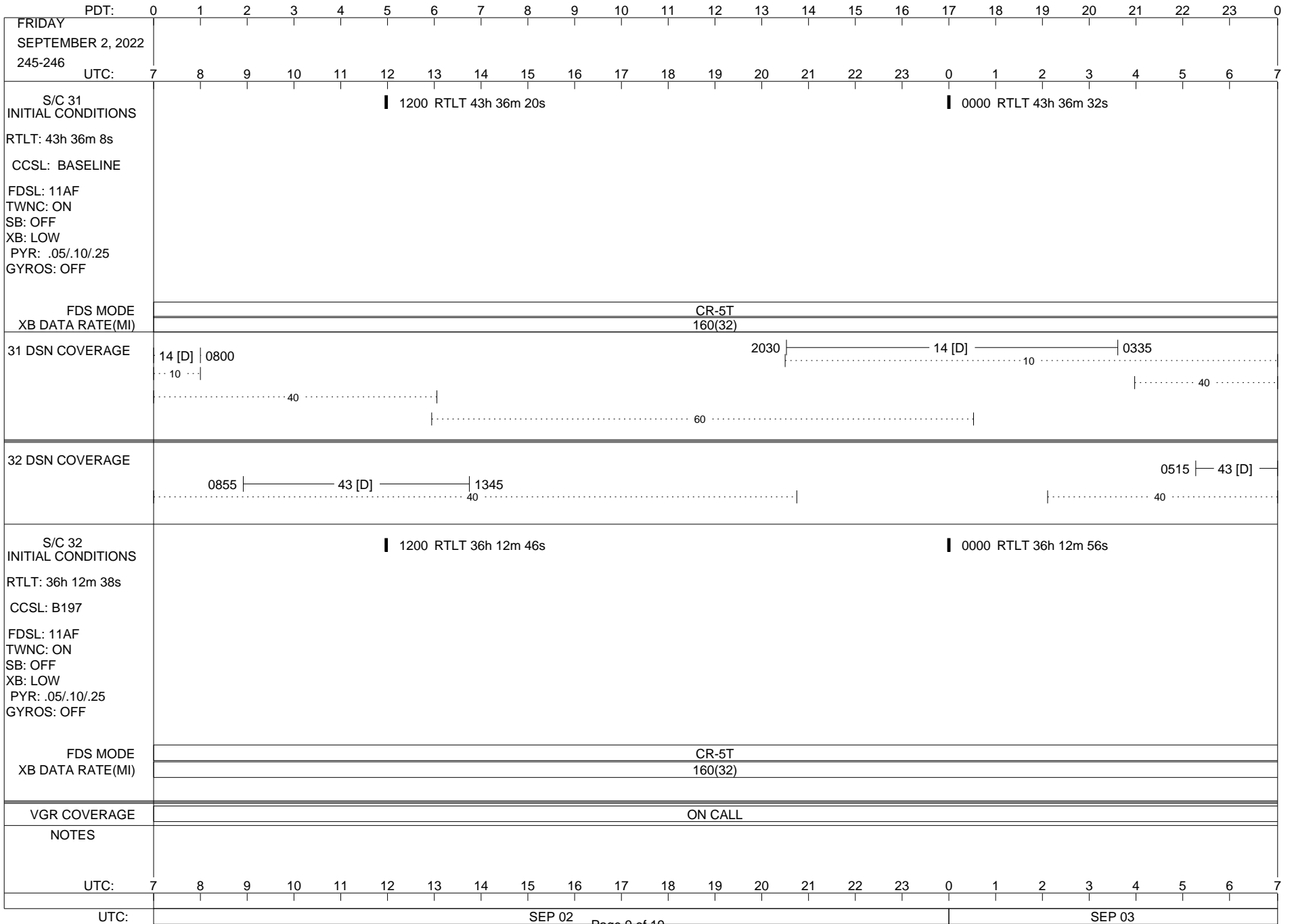
LEGEND:

- ▽ = 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

02/27/19

ISSUE DATE: 08/31/22 11:44

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 1, 2022 244-245																										
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: 43h 35m 44s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF																										
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	0715 14 [D] 10												2035 14 [D] 10													
	40												40													
													60													
32 DSN COVERAGE													1330 43 [D] 40													
													2015 40													
S/C 32 INITIAL CONDITIONS RTLT: 36h 12m 18s CCSL: B197 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													ON CALL													
NOTES																										
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UTC:	SEP 01													SEP 02												



ISSUE DATE: 08/31/22 11:44

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

SATURDAY
SEPTEMBER 3, 2022
246-247
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: 43h 36m 32s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLTL 43h 36m 44s

0000 RTLTL 43h 36m 56s

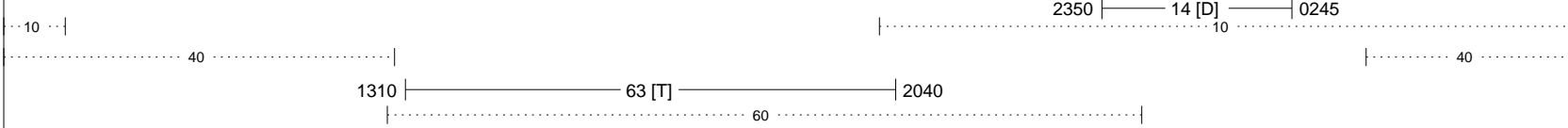
▼ 1734 AACS FULMRO (13:11)

U/L 1910 | - | - - - - - TLC (SHORT-FORM) - - - - -

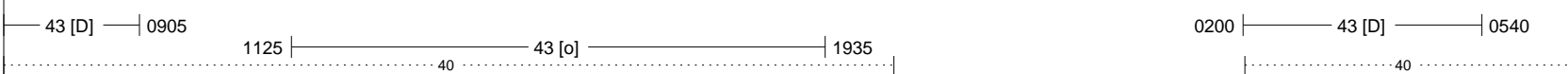
FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLTL: 36h 12m 56s
CCSL: B197
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLTL 36h 13m 6s

0000 RTLTL 36h 13m 16s

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

UTC: SEP 03 Page 10 of 19 SEP 04

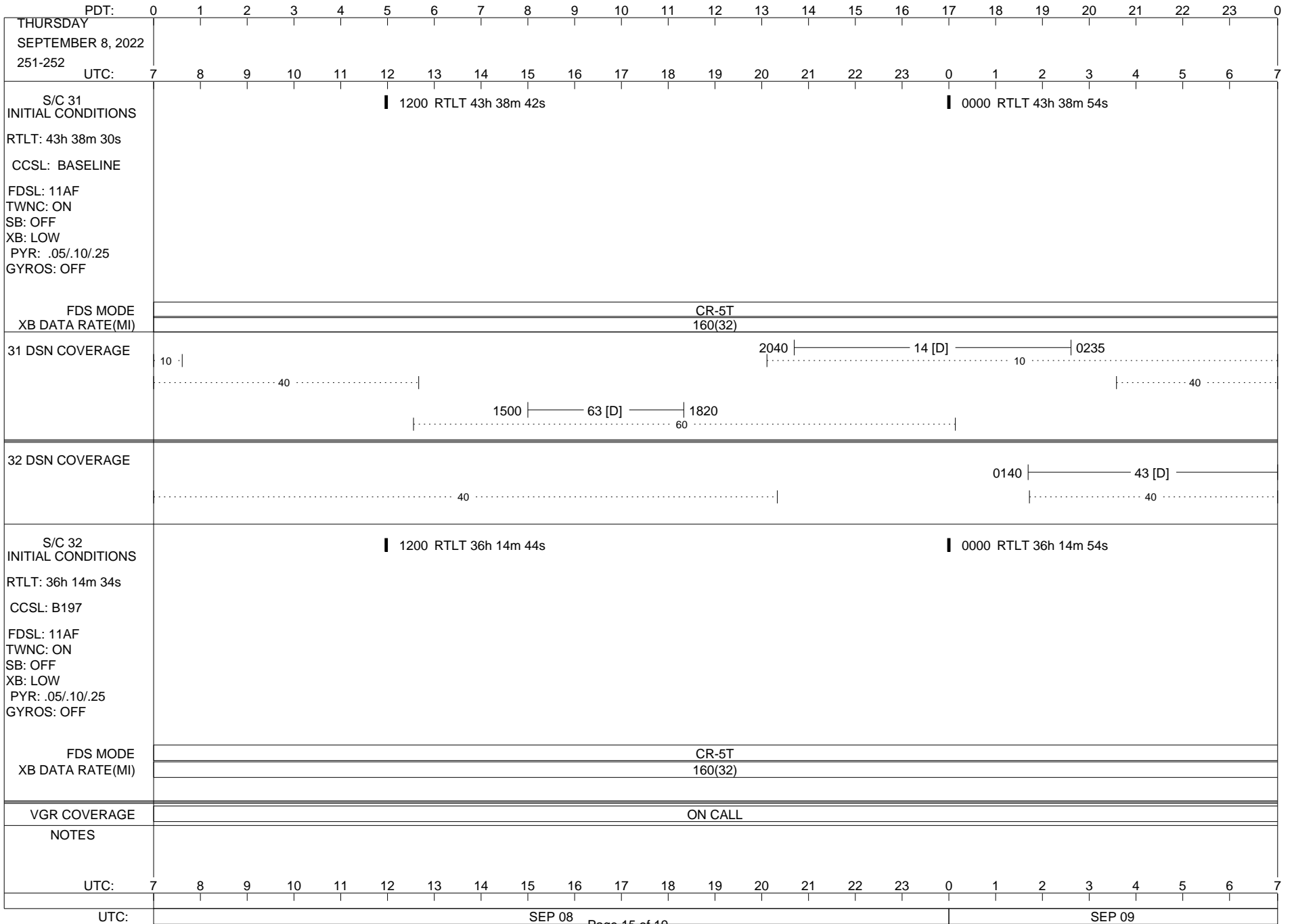
ISSUE DATE: 08/31/22 11:44

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MONDAY																												
SEPTEMBER 5, 2022																												
248-249																												
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S/C 31 INITIAL CONDITIONS		1200 RTLT 43h 37m 30s													0000 RTLT 43h 37m 42s													
RTLT: 43h 37m 18s																												
CCSL: BASELINE		1328 ----- 1510 AACS FULMRO																										
FDSL: 11AF																												
TWNC: ON																												
SB: OFF		----- TLC (SHORT-FORM) ----- D/L 1615																										
XB: LOW																												
PYR: .05/.10/.25																												
GYROS: OFF																												
FDS MODE		CR-5T						EL-40						CR-5T														
XB DATA RATE(MI)		160(32)						40(30)						160(32)														
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS		1200 RTLT 36h 13m 44s													0000 RTLT 36h 13m 54s													
RTLT: 36h 13m 34s																												
CCSL: B197		▼ 0732 DUMMY (5 MIN BRACKETED 19:46)																										
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		VGR						ON CALL																				
NOTES		JPL HOLIDAY!																										
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 05															SEP 06											

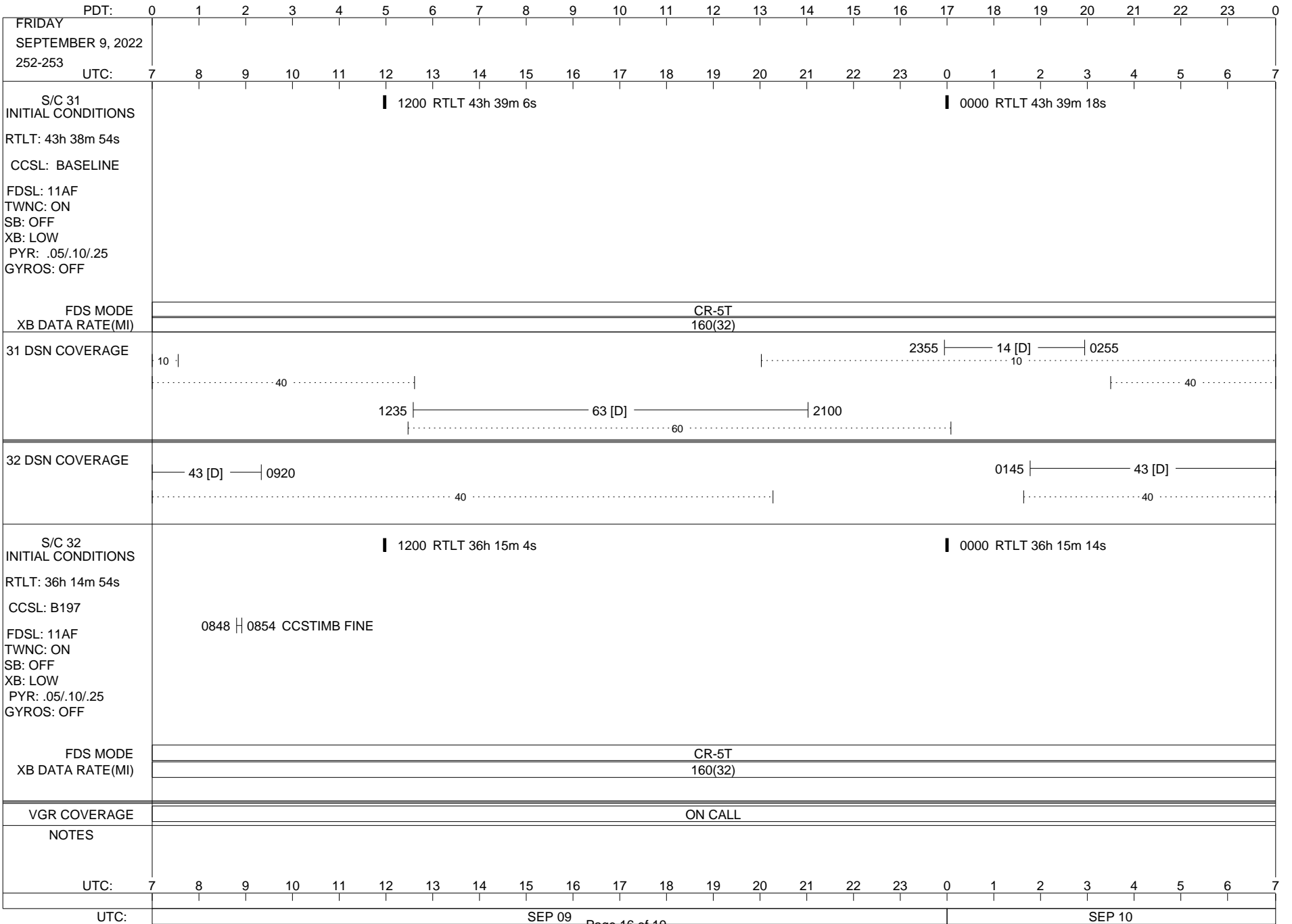
ISSUE DATE: 08/31/22 11:44

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 6, 2022																												
249-250																												
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 43h 37m 54s												0000 RTLT 43h 38m 6s														
RTLT: 43h 37m 42s																												
CCSL: BASELINE																												
FDSL: 11AF		0831 0831 PWS/RH																										
TWNC: ON																												
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		<p>10 2335 14 [D] 0105</p> <p>40 1730 63 [D] 1900</p> <p>40</p>																										
32 DSN COVERAGE		<p>43 [D] 0850</p> <p>1915 43 [D] 2025</p> <p>0330 43 [D] 0605</p> <p>40</p>																										
S/C 32 INITIAL CONDITIONS		1200 RTLT 36h 14m 4s												0000 RTLT 36h 14m 14s														
RTLT: 36h 13m 54s																												
CCSL: B197																												
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		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 06															SEP 07											

ISSUE DATE: 08/31/22 11:44



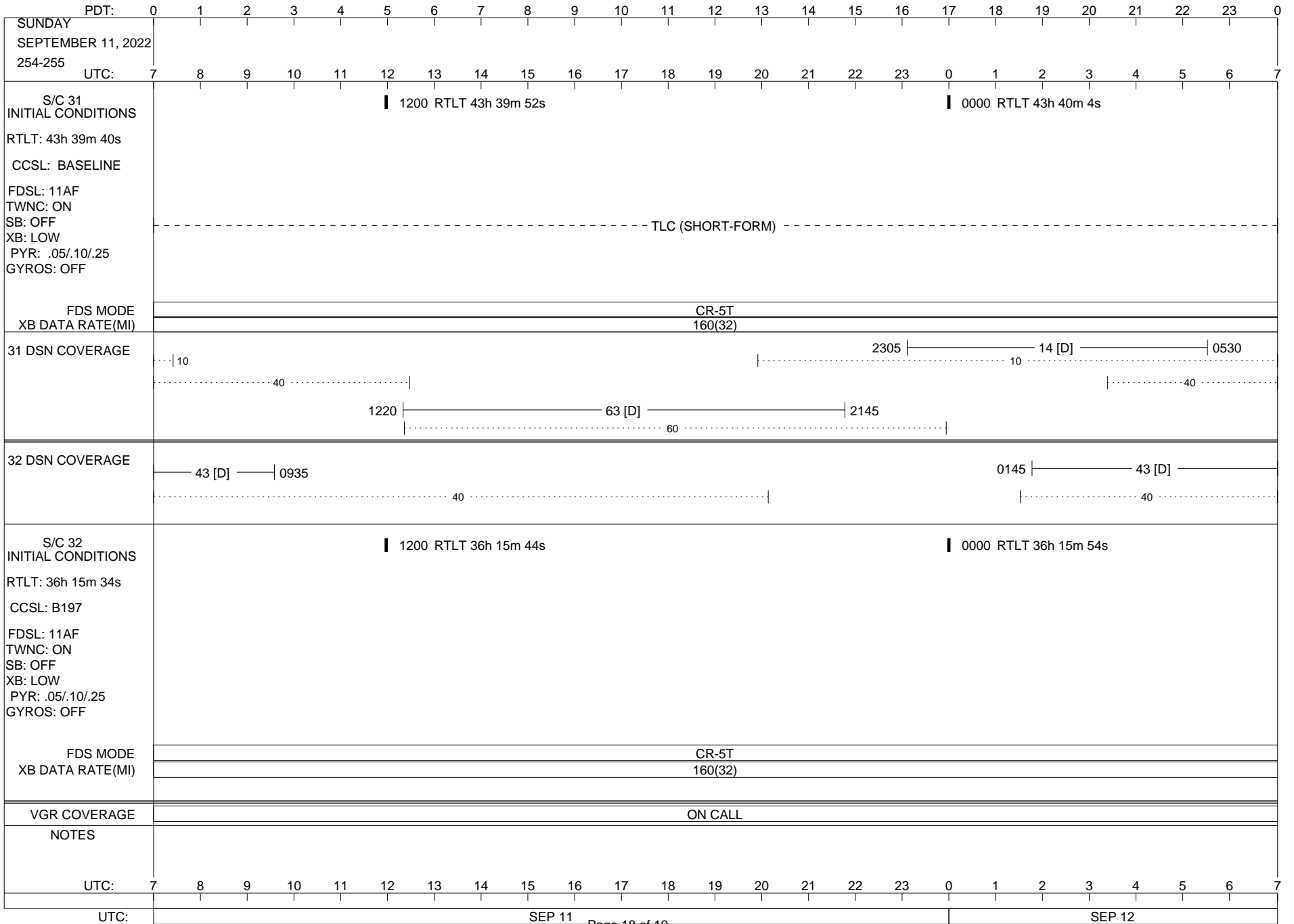
ISSUE DATE: 08/31/22 11:44



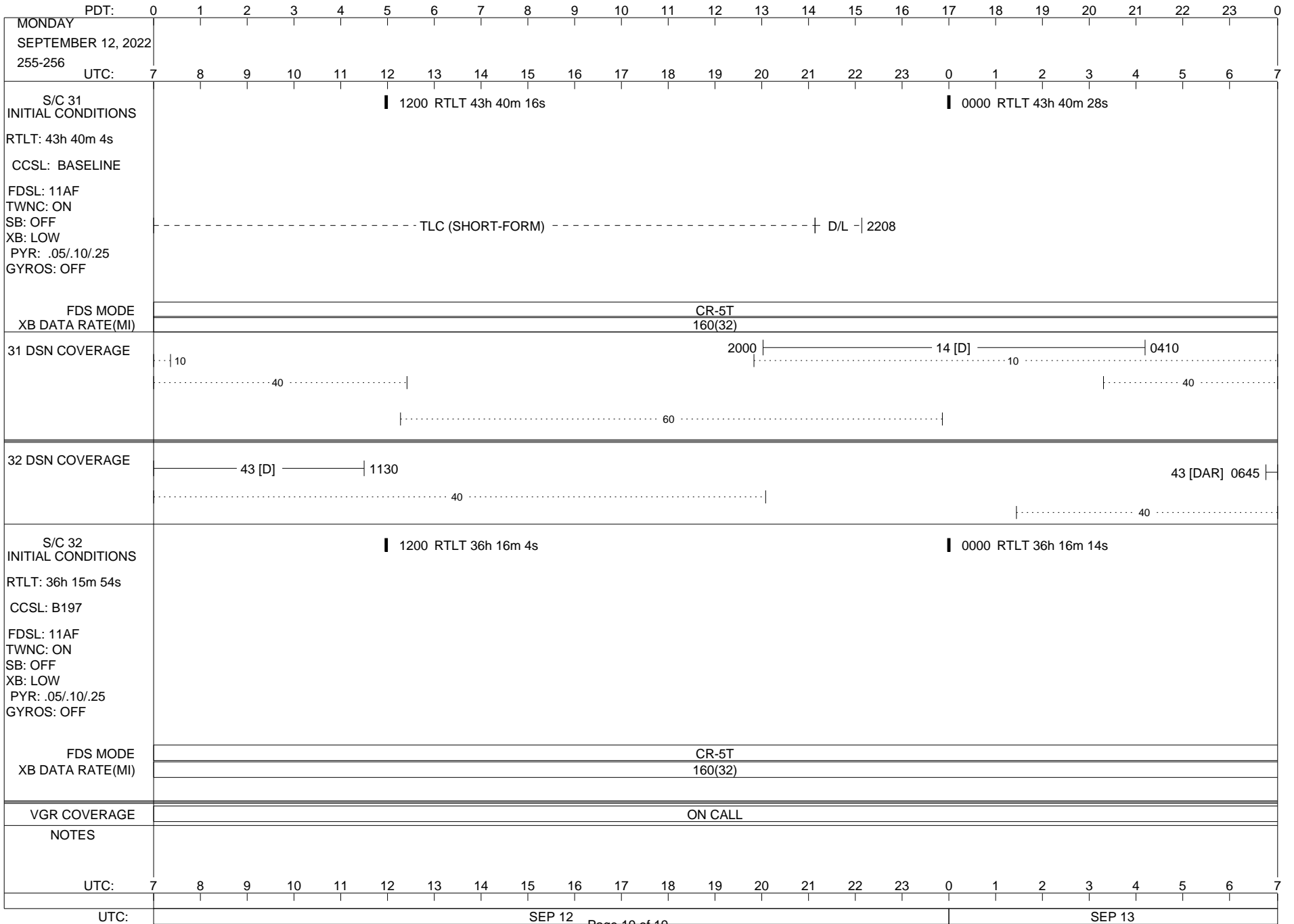
ISSUE DATE: 08/31/22 11:44

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
SATURDAY SEPTEMBER 10, 2022 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: 43h 39m 18s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 39m 28s												0000 RTLT 43h 39m 40s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	10 40..... 1230 -----63 [D]----- 192560.....												2030 -----14 [T]----- 022510..... 40.....												
32 DSN COVERAGE	0730 43 [D]40.....												0135 -----43 [D]----- 40.....												
S/C 32 INITIAL CONDITIONS RTLT: 36h 15m 14s CCSL: B197 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 15m 24s												0000 RTLT 36h 15m 34s												
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
UTC:	SEP 10												Page 17 of 19						SEP 11						

ISSUE DATE: 08/31/22 11:44



ISSUE DATE: 08/31/22 11:44



ISSUE DATE: 08/31/22 11:44

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 13, 2022 256-257																												
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: 43h 40m 28s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 43h 40m 40s												0000 RTLT 43h 40m 52s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	1052 PYR=.05/.05/.05 1056 - 1127 ASCAL 1128 ROLL=.25 1130 AAC SIN FCP SWAP TABLE NOP 1131 1 SID MRO												2050 14 [D] 0550 1515 63 [D] 1655 0432 0433 PWS/RH 0432 GS-4B 0433 ↓															
32 DSN COVERAGE	43 [DAR] 1310 0900 35 [DA] 1225												0515 43 [D]															
S/C 32 INITIAL CONDITIONS RTLTL: 36h 16m 14s CCSL: B197 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 16m 24s												0000 RTLT 36h 16m 34s															
FDS MODE	CR-5T				EL-40				CR-5T				CR-5T															
XB DATA RATE(MI)	160(32)				40(30)				160(32)				160(32)															
VGR COVERAGE	ON CALL				VGR				ON CALL				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													

ISSUE DATE: 08/31/22 11:44

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

WEDNESDAY
 SEPTEMBER 14, 2022
 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: 43h 40m 52s
 CCSL: BASELINE
 FDSL: 11AF
 TWNC: ON
 SB: OFF
 XB: LOW
 PYR: .05/.10/.25
 GYROS: OFF

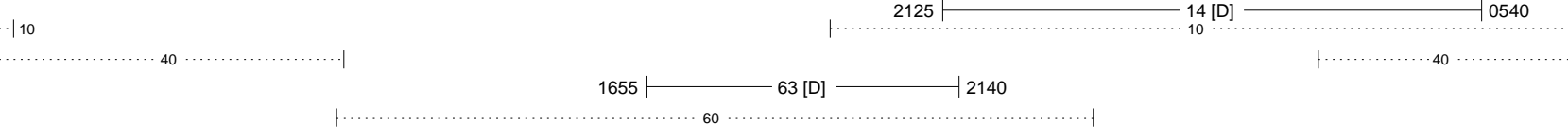
1200 RTLT 43h 41m 4s

0000 RTLT 43h 41m 16s

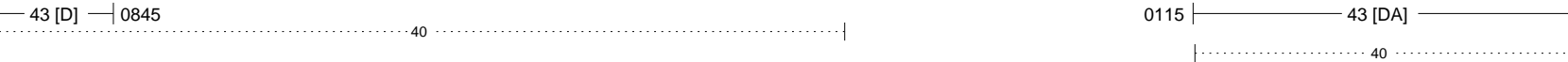
FDS MODE
 XB DATA RATE(MI)

CR-5T
 160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
 INITIAL CONDITIONS
 RTLT: 36h 16m 34s
 CCSL: B197
 FDSL: 11AF
 TWNC: ON
 SB: OFF
 XB: LOW
 PYR: .05/.10/.25
 GYROS: OFF

1200 RTLT 36h 16m 44s

0000 RTLT 36h 16m 56s

FDS MODE
 XB DATA RATE(MI)

CR-5T
 160(32)

VGR COVERAGE

ON CALL

NOTES

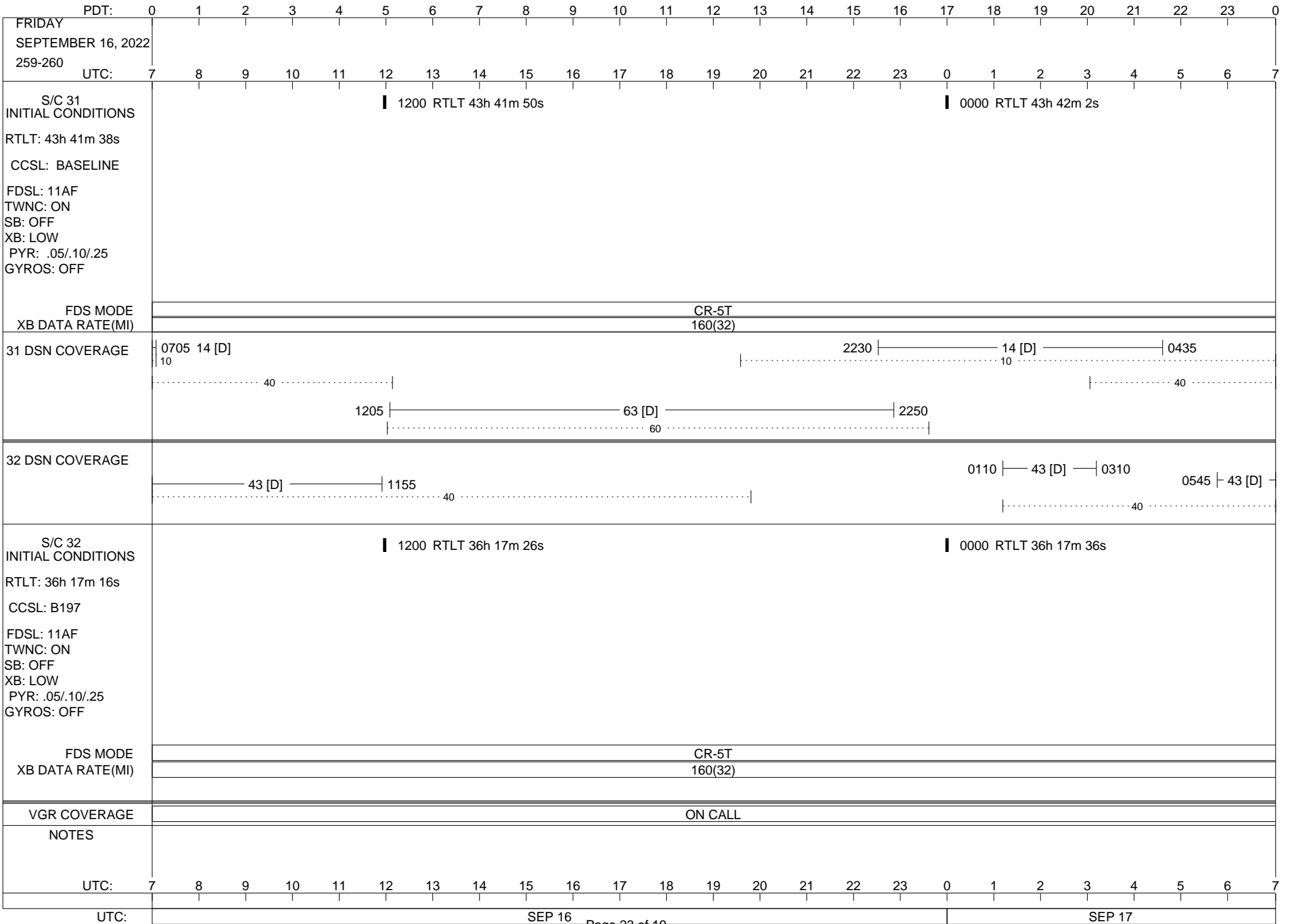
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UTC: SEP 14 Page 21 of 19 SEP 15

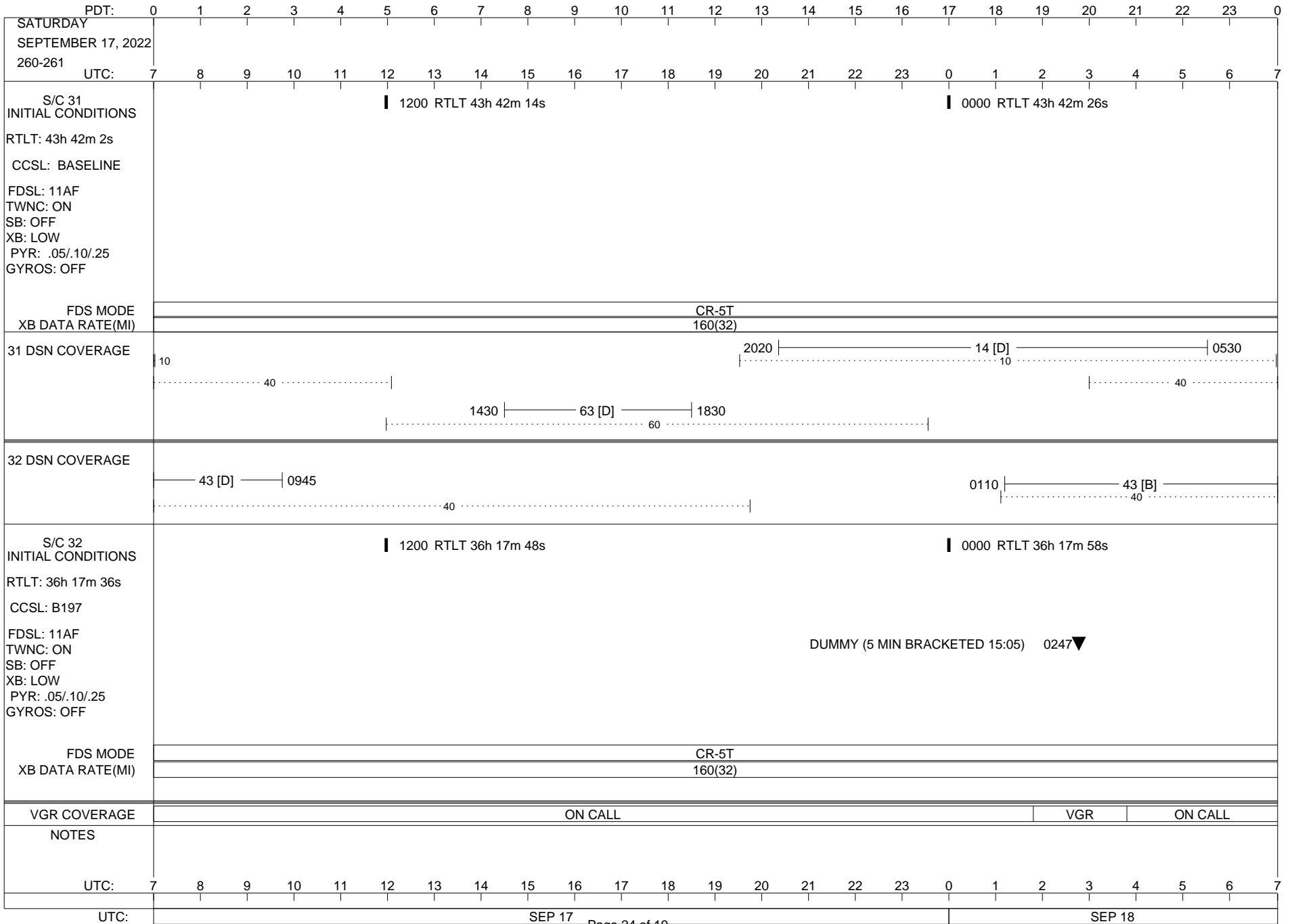
ISSUE DATE: 08/31/22 11:44

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THURSDAY																													
SEPTEMBER 15, 2022																													
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: 43h 41m 16s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLTL 43h 41m 28s														0000 RTLTL 43h 41m 38s													
FDS MODE																CR-5T													
XB DATA RATE(MI)																160(32)													
31 DSN COVERAGE																													
32 DSN COVERAGE																													
S/C 32 INITIAL CONDITIONS RTLTL: 36h 16m 56s CCSL: B197 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLTL 36h 17m 6s														0000 RTLTL 36h 17m 16s													
		<ul style="list-style-type: none"> ↓ 1100 BAY 1 HTR OFF ↓ 1101 GYRO INIT ↓ 1110 GYRO FAULT TEST ↓ 1131 AAI 1134 - 1207 MAGROL ↓ 1213 RAI ↓ 1219 GYROS OFF ↓ 1227 BAY 1 HTR ON ↓ 1103 EL-40 1105 																											
FDS MODE		CR-5T														CR-5T													
XB DATA RATE(MI)		160(32)														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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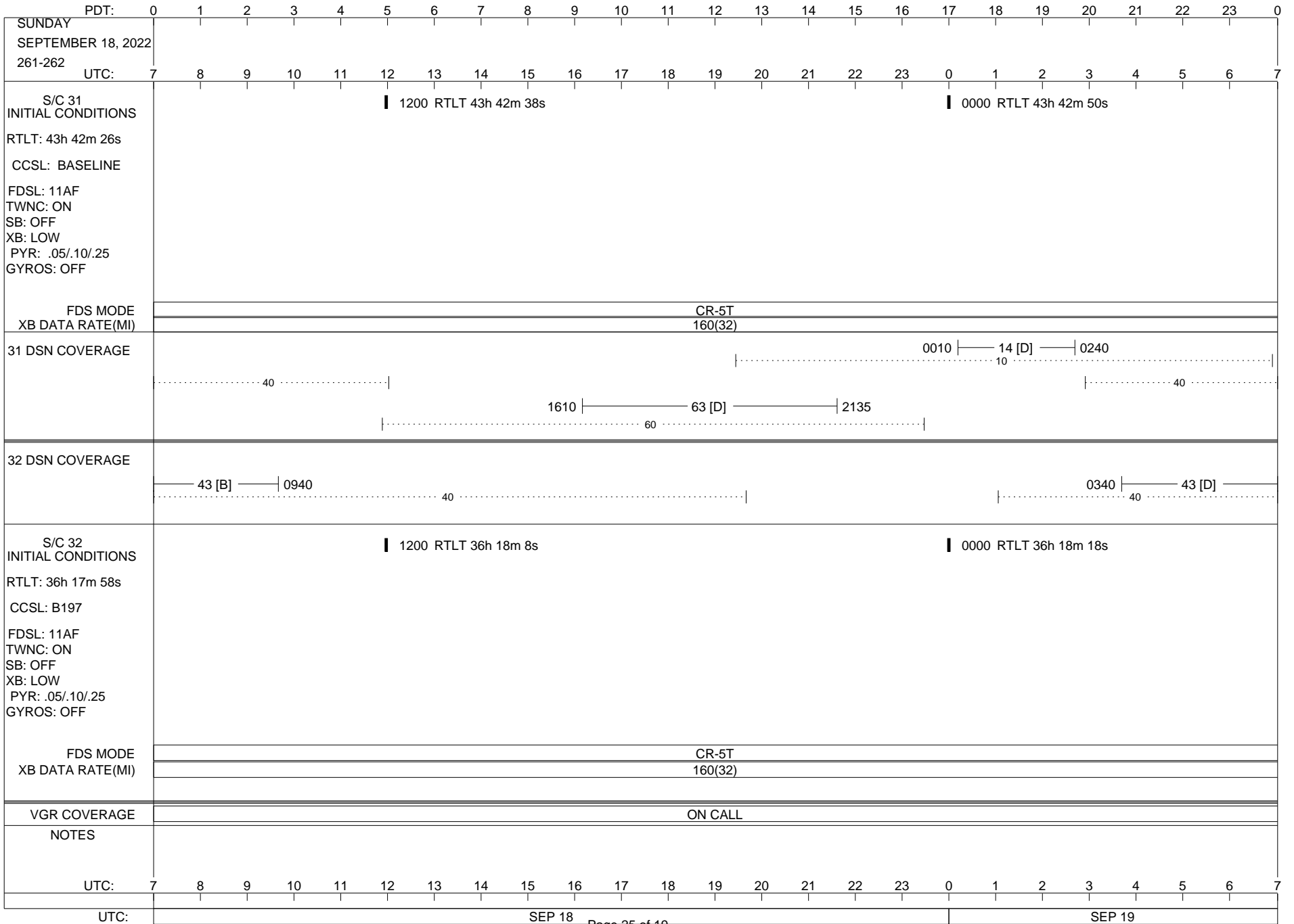
ISSUE DATE: 08/31/22 11:44



ISSUE DATE: 08/31/22 11:44



ISSUE DATE: 08/31/22 11:44



ISSUE DATE: 08/31/22 11:44

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, 2022 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: 43h 42m 50s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF		1200 RTLT 43h 43m 2s												0000 RTLT 43h 43m 12s															
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)															
31 DSN COVERAGE																													
32 DSN COVERAGE																													
S/C 32 INITIAL CONDITIONS RTLT: 36h 18m 18s CCSL: B197 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF		1200 RTLT 36h 18m 30s												0000 RTLT 36h 18m 40s															
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			
UTC:		SEP 19												SEP 20															