

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: September 14, 2021

For the Period: 09/16/21 to 10/04/21 (21/259 – 21/277)



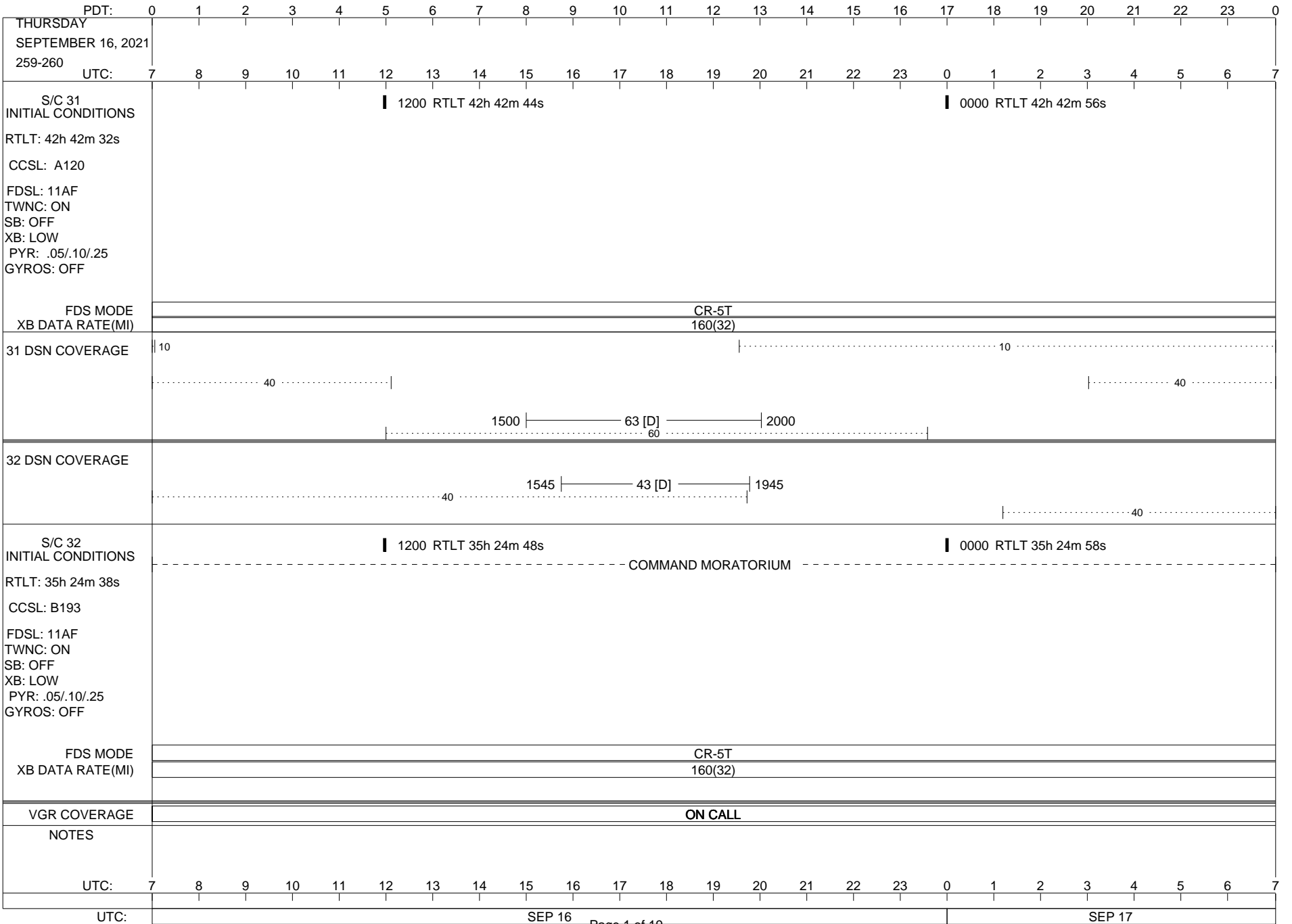
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

LEGEND:

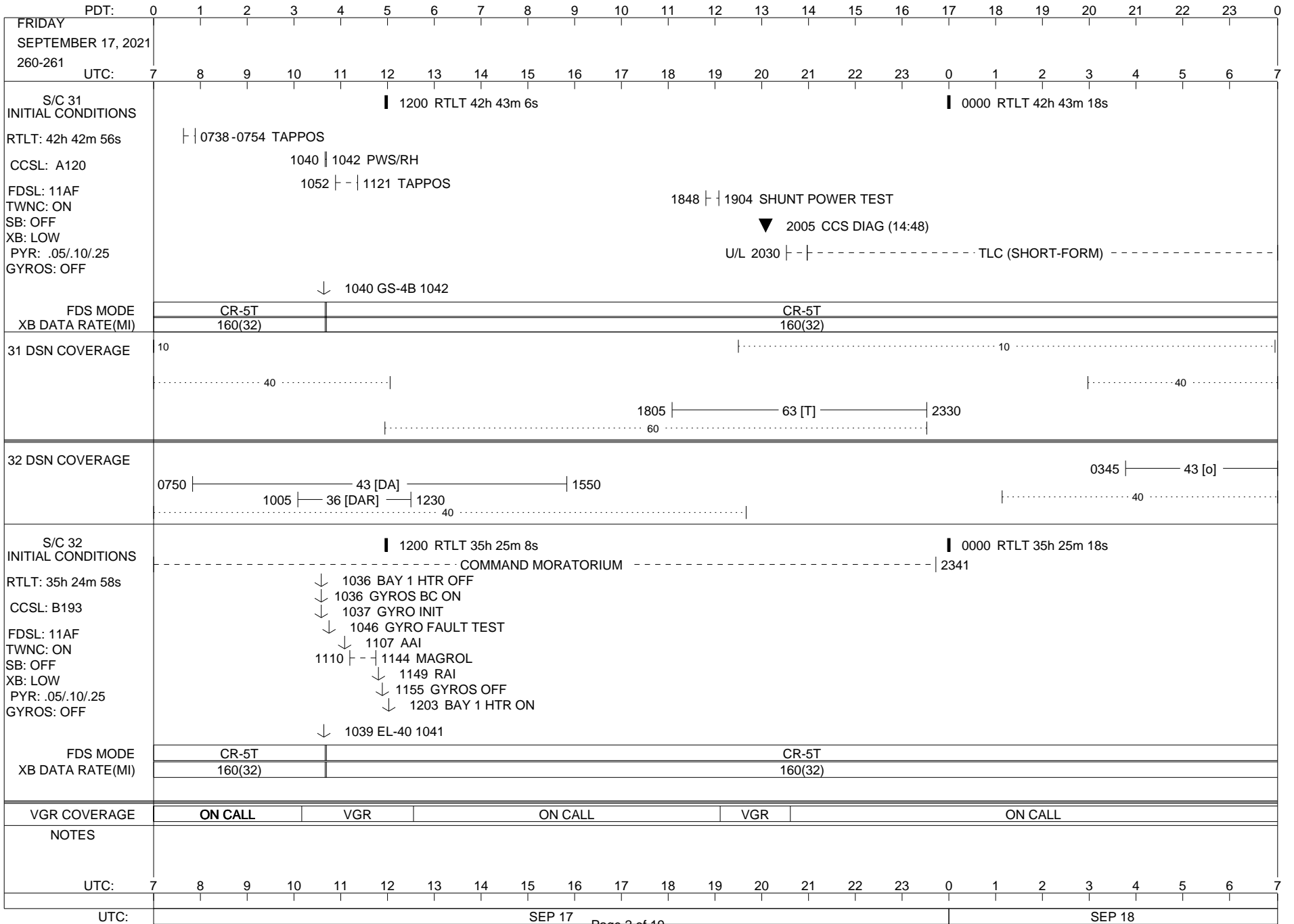
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U = Uplink only pass
- [o] = Ramp-through

02/27/19

ISSUE DATE: 09/15/21 12:59



ISSUE DATE: 09/15/21 12:59



ISSUE DATE: 09/15/21 12:59

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 18, 2021
261-262
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: 42h 43m 18s
CCSL: A120
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 42h 43m 30s

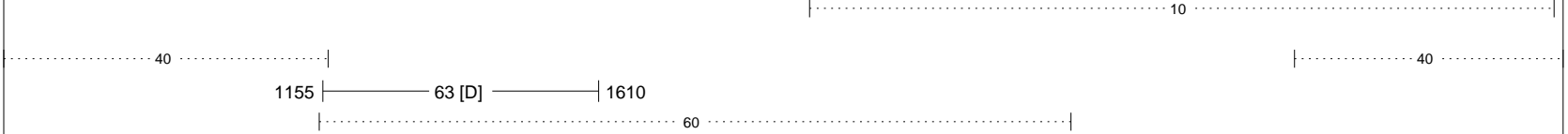
0000 RTLT 42h 43m 42s

----- TLC (SHORT-FORM) -----

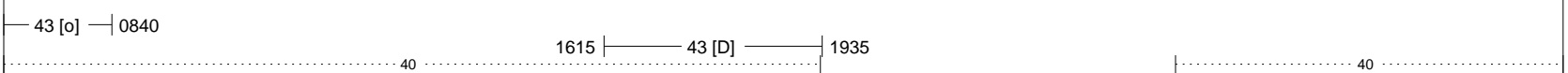
FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLT: 35h 25m 18s
CCSL: B193
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 35h 25m 30s

0000 RTLT 35h 25m 40s

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE

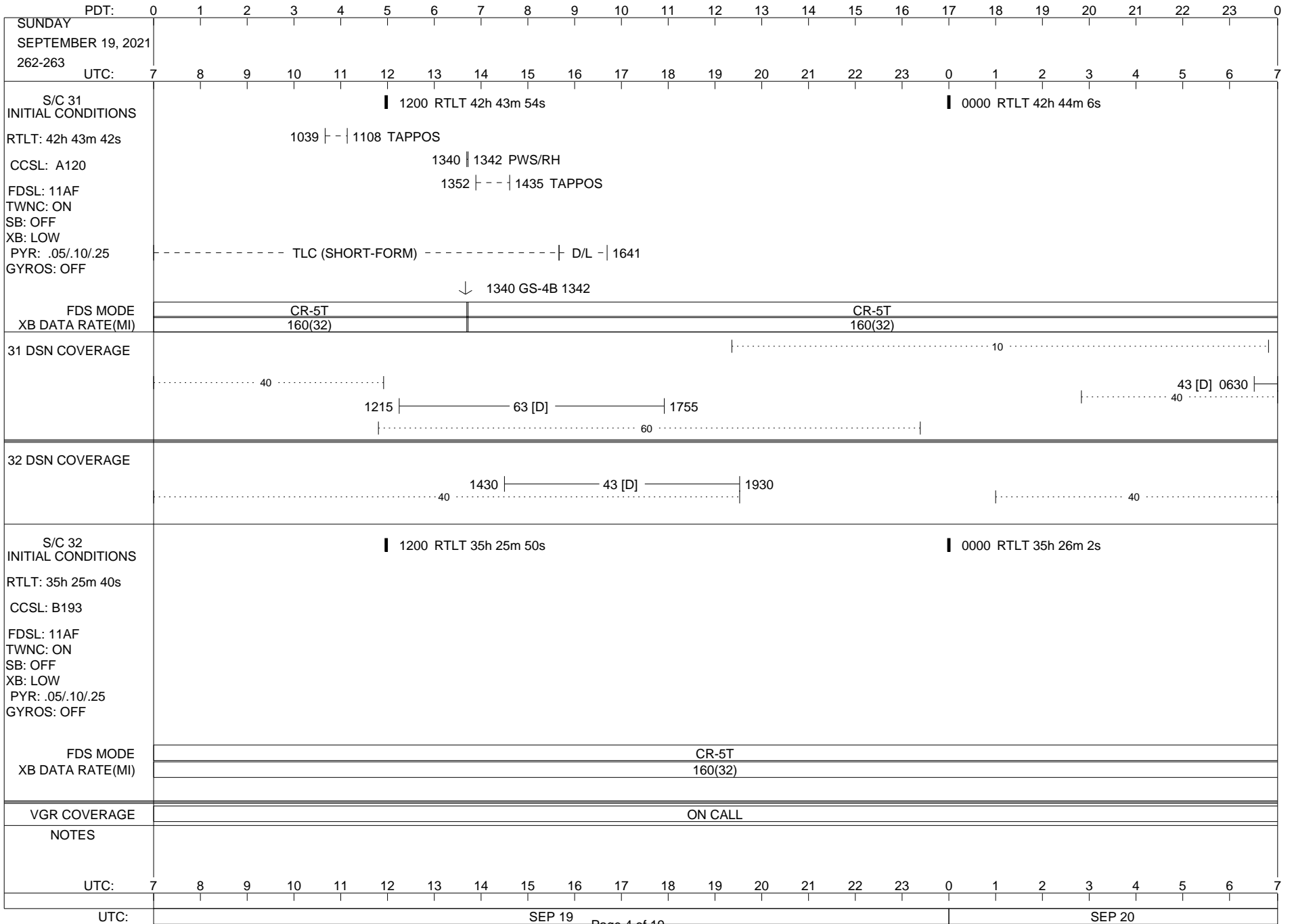
ON CALL

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

UTC: SEP 18 Page 3 of 19 SEP 19

ISSUE DATE: 09/15/21 12:59



ISSUE DATE: 09/15/21 12:59

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 20, 2021 263-264																									
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: 42h 44m 6s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200																			
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLTL: 35h 26m 2s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 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:																									

ISSUE DATE: 09/15/21 12:59

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 21, 2021
264-265
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: 42h 44m 28s
CCSL: A120
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLTL 42h 44m 40s

0000 RTLTL 42h 44m 52s

0404 | 0405 PWS/RH

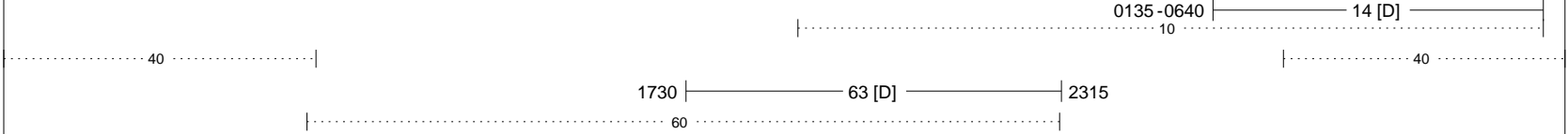
↓ 0404 GS-4B 0405

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLTL: 35h 26m 22s
CCSL: B193
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLTL 35h 26m 34s

0000 RTLTL 35h 26m 44s

PLSCAL 0610 | ---
MAGCAL 0610 | ---
PESCAL 0610 | ---

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE

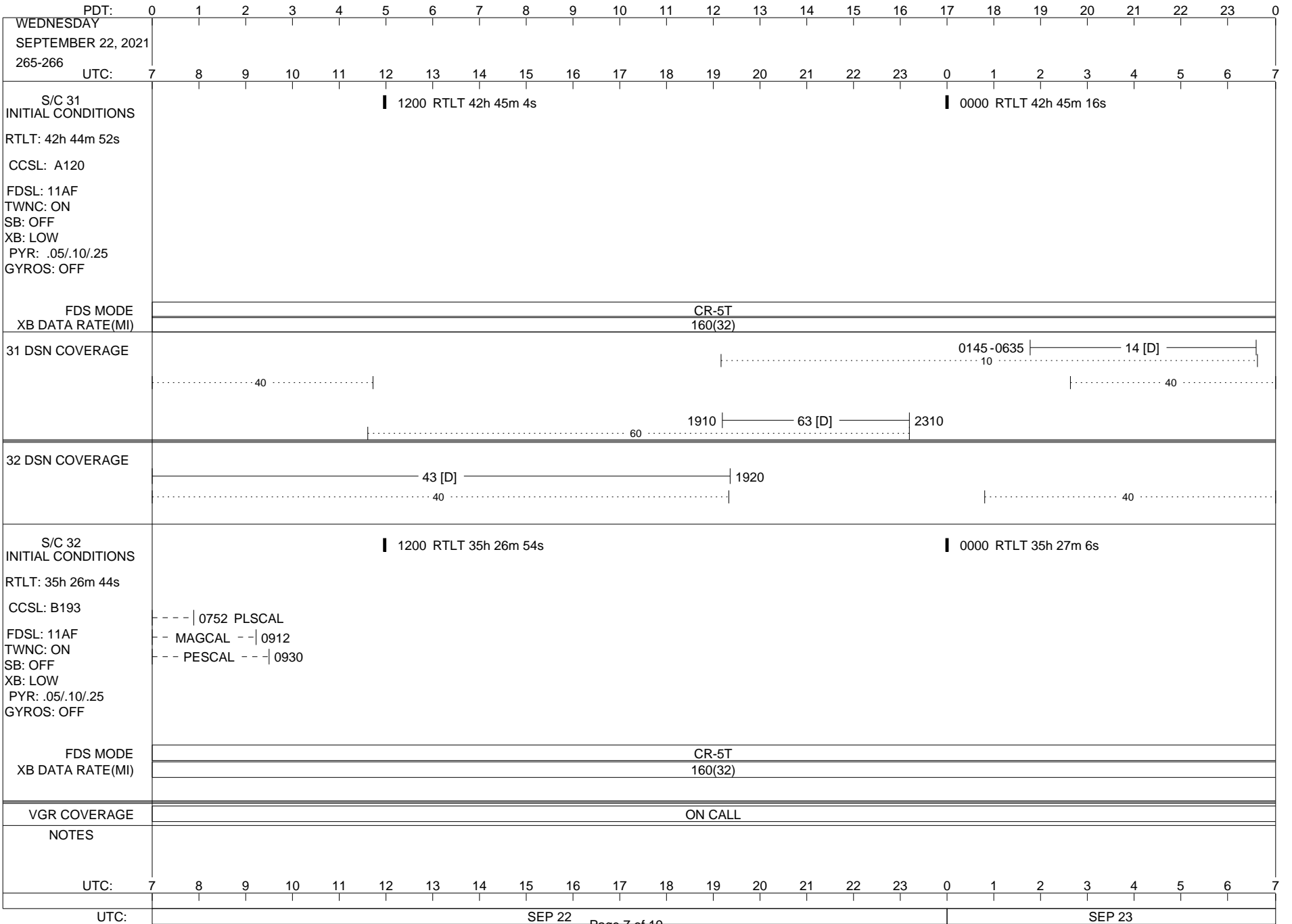
ON CALL

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

UTC: SEP 21 Page 6 of 19 SEP 22

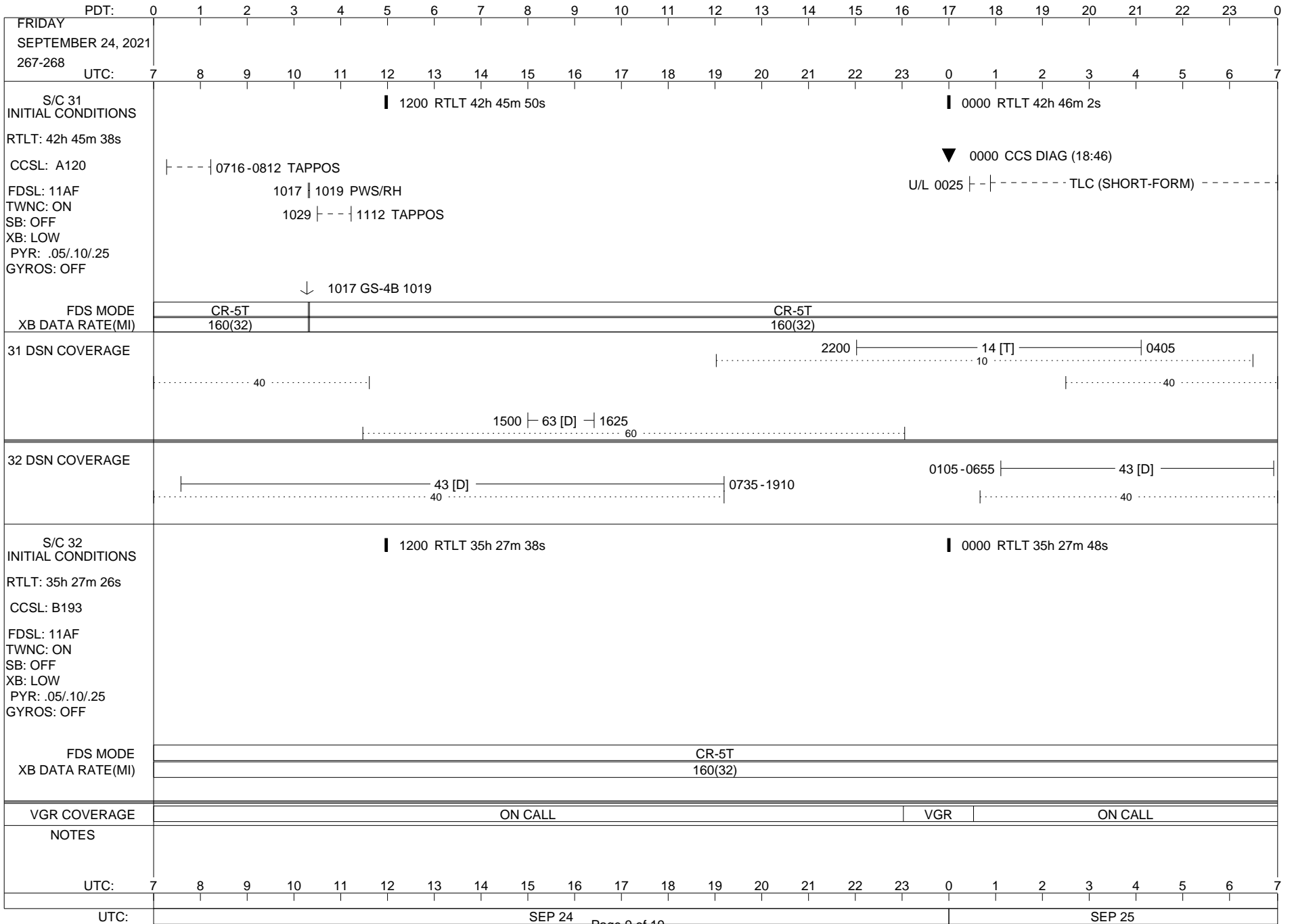
ISSUE DATE: 09/15/21 12:59



ISSUE DATE: 09/15/21 12:59

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 23, 2021 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 RTLTL: 42h 45m 16s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 42h 45m 28s												█ 0000 RTLTL 42h 45m 38s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	.....|												0230-0630 |----- 14 [D] -----|												
	.....40.....|												.....10.....|												
	.....|												.....40.....|												
	.....|												.....60.....|												
32 DSN COVERAGE	.....1130 |----- 43 [o] -----|												1915 |----- 40 -----|												
S/C 32 INITIAL CONDITIONS RTLTL: 35h 27m 6s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 35h 27m 16s												█ 0000 RTLTL 35h 27m 26s												
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 23												SEP 24												

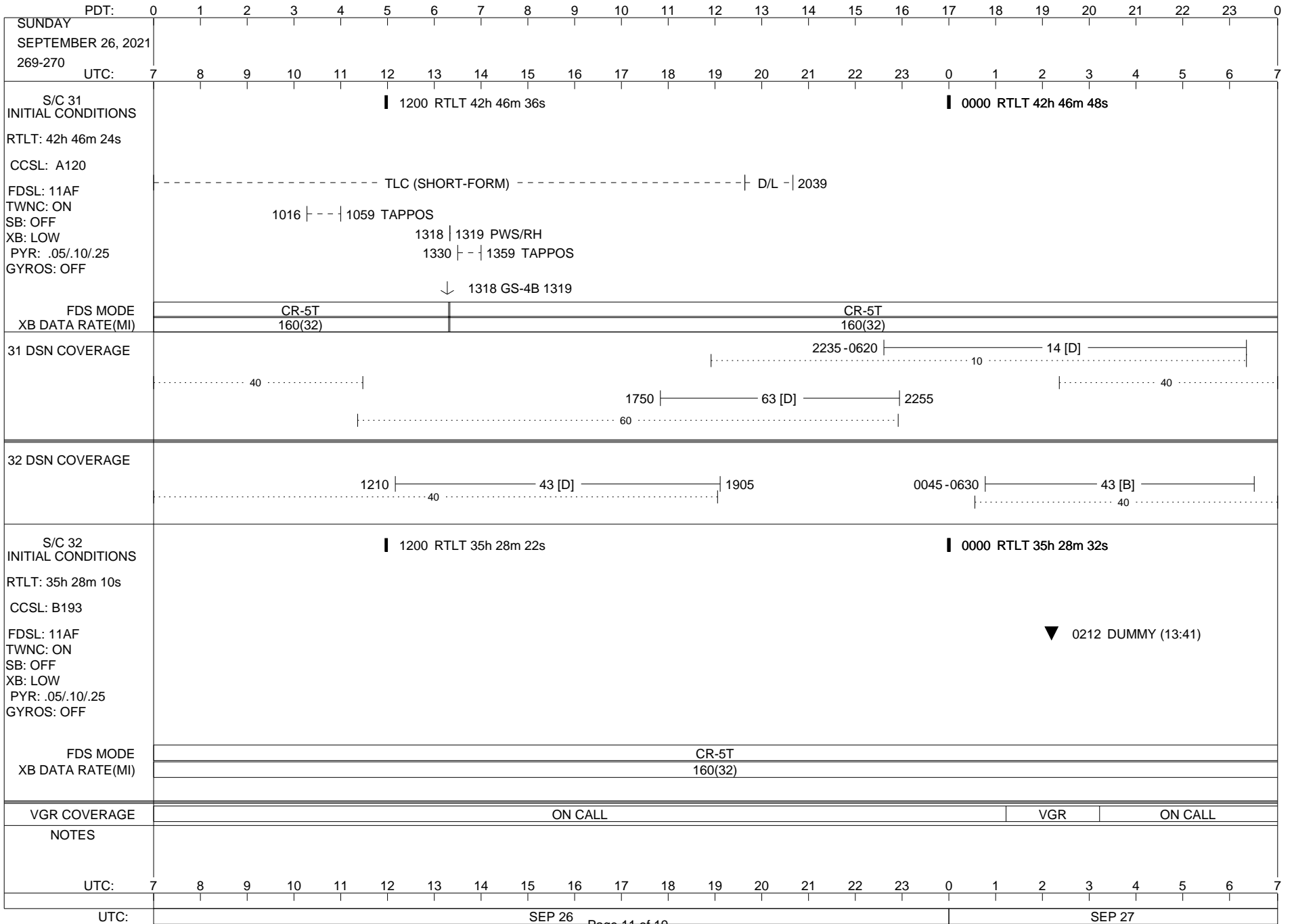
ISSUE DATE: 09/15/21 12:59



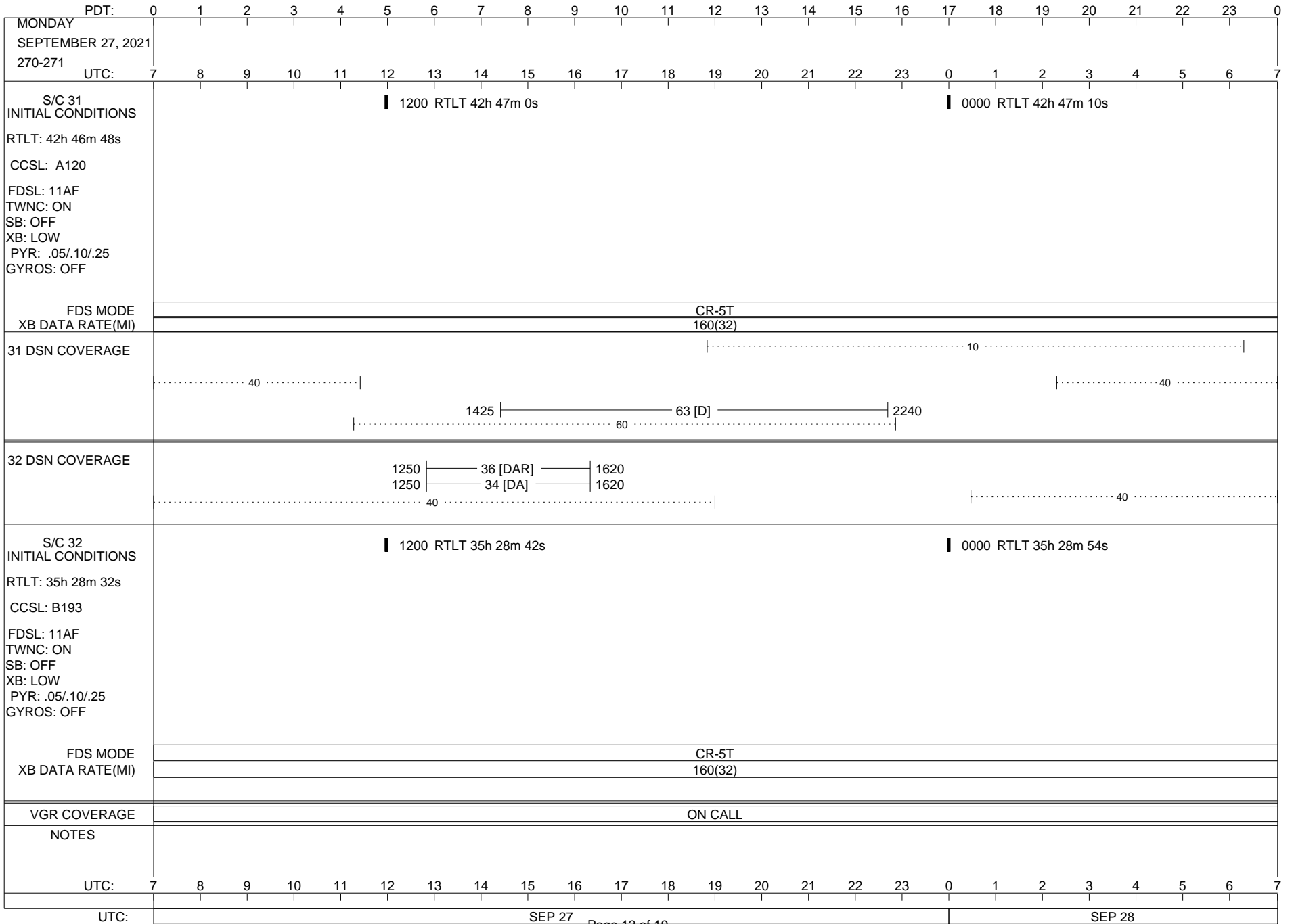
ISSUE DATE: 09/15/21 12:59

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 25, 2021 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: 42h 46m 2s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 42h 46m 14s												| 0000 RTLTL 42h 46m 24s															
----- TLC (SHORT-FORM) -----																												
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
31 DSN COVERAGE													2035 | 14 [D] | 2135															
.....40.....|												.....10.....|																
|.....60.....|												|.....40.....|																
32 DSN COVERAGE													1435 | 43 [D] | 1905															
.....40.....|												|.....40.....|																
S/C 32 INITIAL CONDITIONS RTLTL: 35h 27m 48s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 35h 28m 0s												| 0000 RTLTL 35h 28m 10s															
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 25														SEP 26													

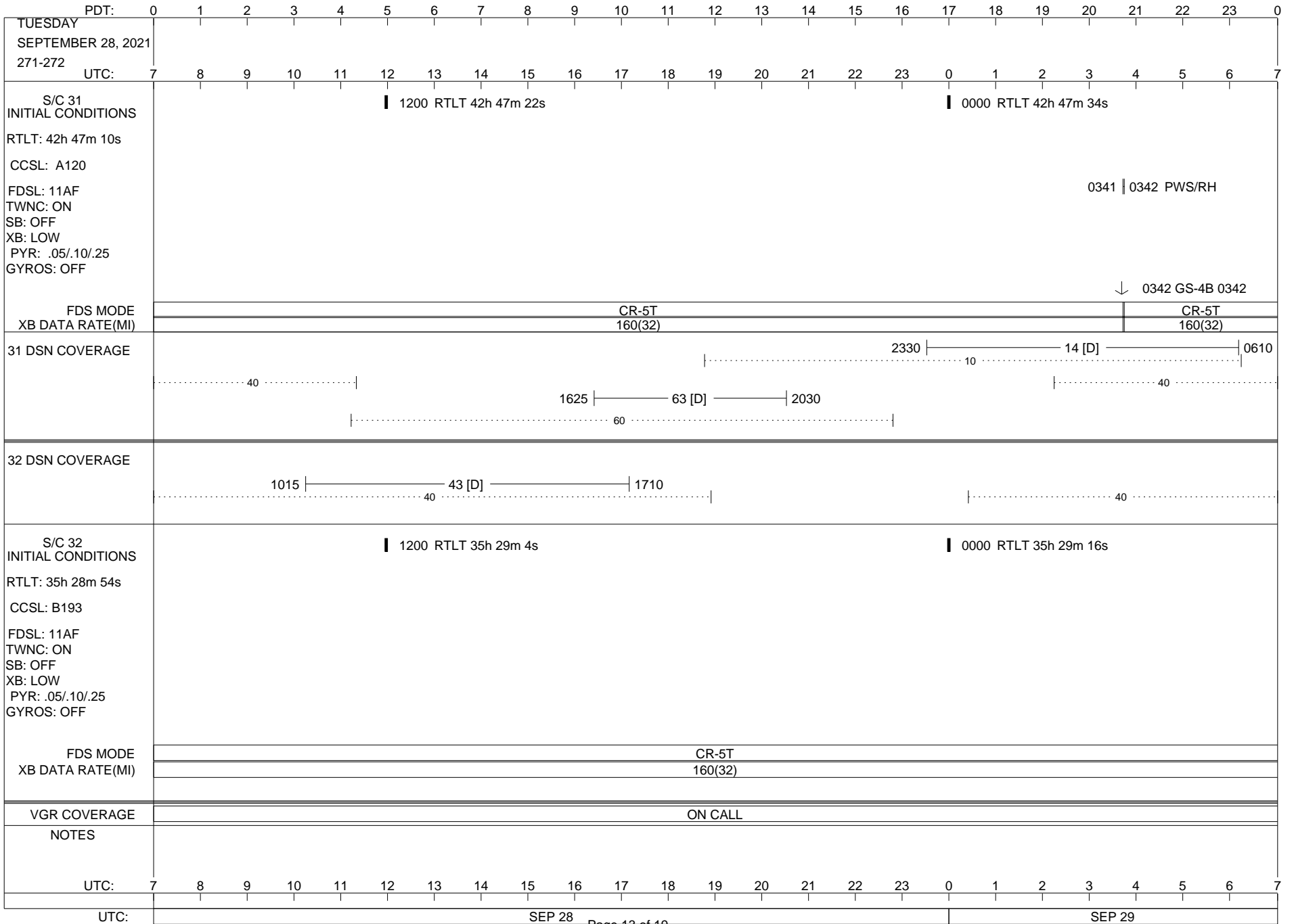
ISSUE DATE: 09/15/21 12:59



ISSUE DATE: 09/15/21 12:59



ISSUE DATE: 09/15/21 12:59



ISSUE DATE: 09/15/21 12:59

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 29, 2021
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: 42h 47m 34s
CCSL: A120
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

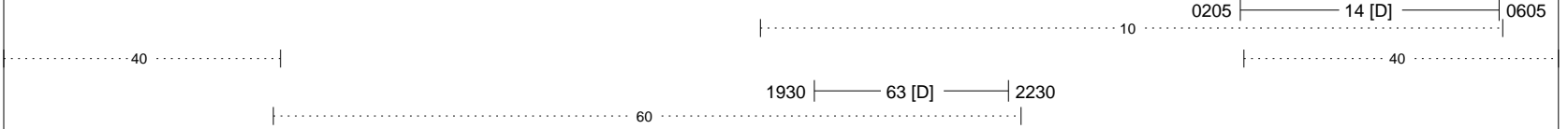
1200 RTLTL 42h 47m 46s

0000 RTLTL 42h 47m 56s

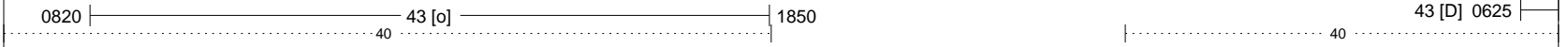
FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLTL: 35h 29m 16s
CCSL: B193
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLTL 35h 29m 26s

0000 RTLTL 35h 29m 38s

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE

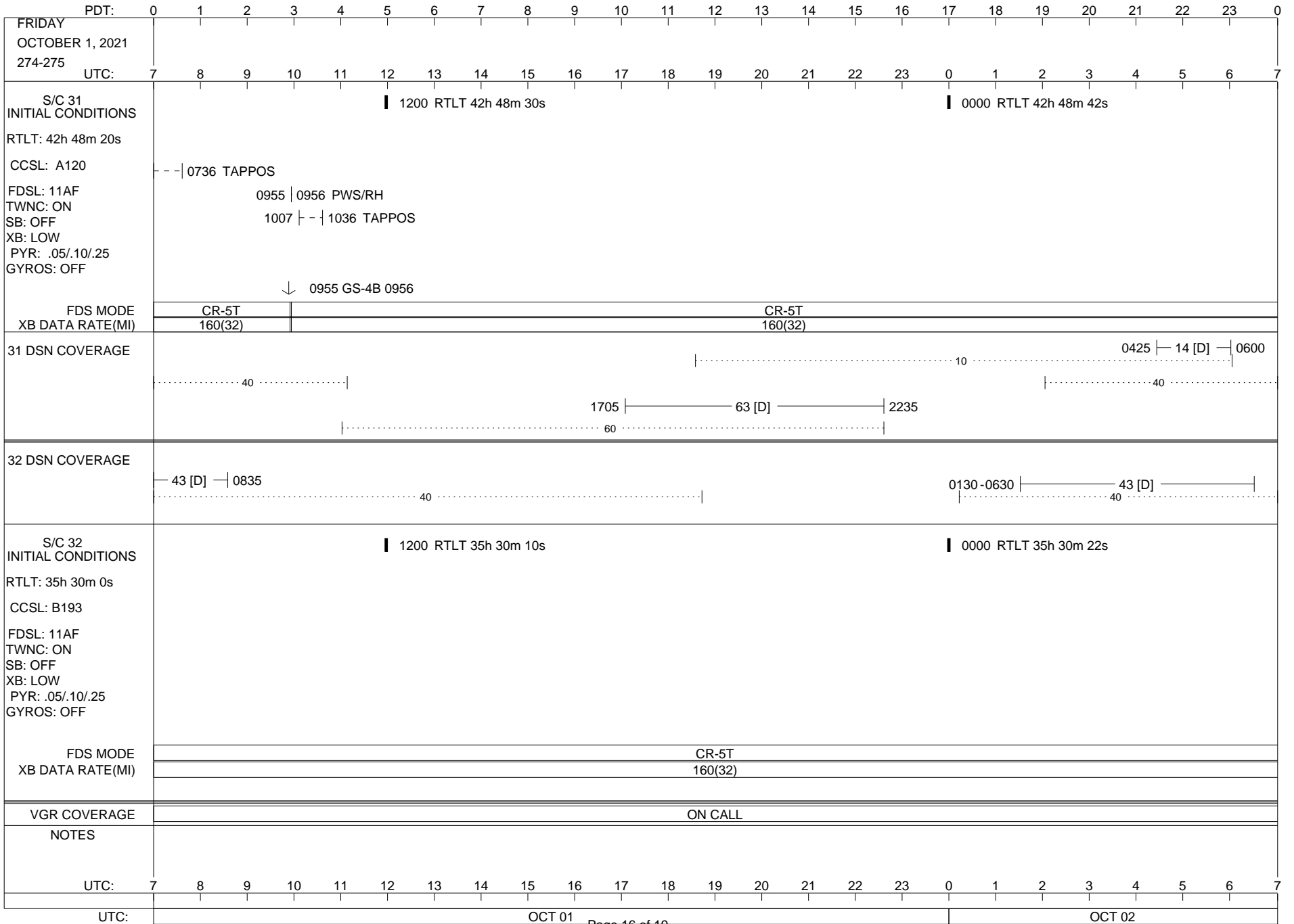
ON CALL

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

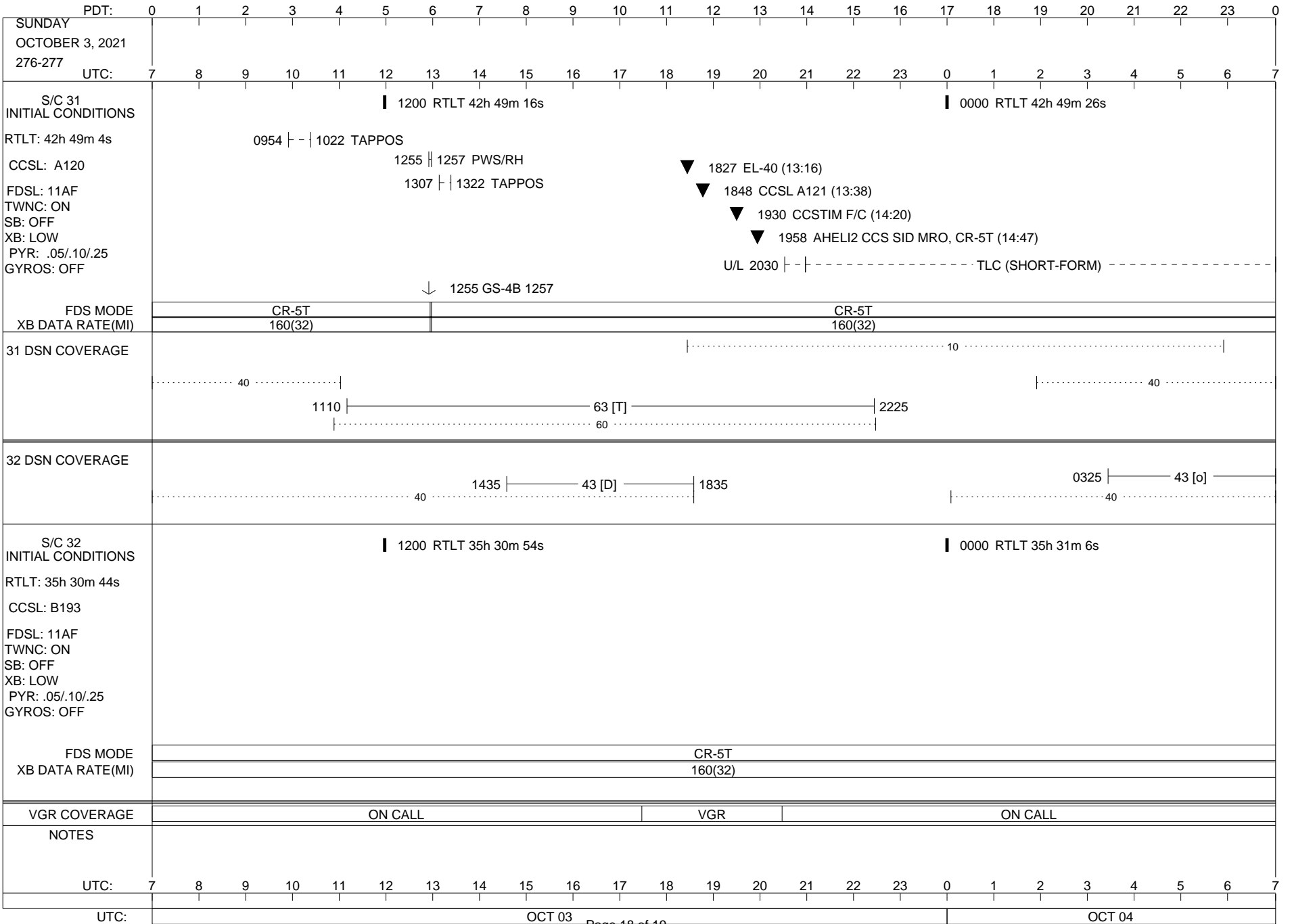
UTC: SEP 29 Page 14 of 19 SEP 30

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 30, 2021 273-274																											
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: 42h 47m 56s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 42h 48m 8s												█ 0000 RTLT 42h 48m 20s									
FDS MODE													CR-5T														
XB DATA RATE(MI)													160(32)														
31 DSN COVERAGE																					0125 | 14 [D] | 0240						
32 DSN COVERAGE																					0125 | 43 [D]						
S/C 32 INITIAL CONDITIONS RTLT: 35h 29m 38s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 35h 29m 48s												█ 0000 RTLT 35h 30m 0s									
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 30														OCT 01												



SATURDAY																										
OCTOBER 2, 2021																										
275-276																										
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	
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 42h 48m 54s											0000 RTLT 42h 49m 4s														
RTLT: 42h 48m 42s																										
CCSL: A120																										
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												2145	14 [D]							0555						
40.....										10.....											40.....		
60.....|																									
32 DSN COVERAGE												1410	43 [B]				1835									40
40.....										40.....		
S/C 32 INITIAL CONDITIONS	1200 RTLT 35h 30m 32s											0000 RTLT 35h 30m 44s														
RTLT: 35h 30m 22s																										
CCSL: B193																										
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											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:	OCT 02																OCT 03									

ISSUE DATE: 09/15/21 12:59



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 OCTOBER 4, 2021 277-278	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: 42h 49m 26s CCSL: A120 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 42h 49m 38s</p> <p style="text-align: center;">----- TLC (SHORT-FORM) -----</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p style="text-align: center;">..... 40 .....|</p> <p style="text-align: center;">1055 |----- 63 [D] -----| 1325</p> <p style="text-align: center;">|----- 60 -----|</p>																										
32 DSN COVERAGE	<p style="text-align: center;">— 43 [o] —| 0835</p> <p style="text-align: center;">..... 40 .....|</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 35h 31m 6s CCSL: B193 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 35h 31m 18s</p>																										
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		
UTC:	OCT 04													OCT 05													