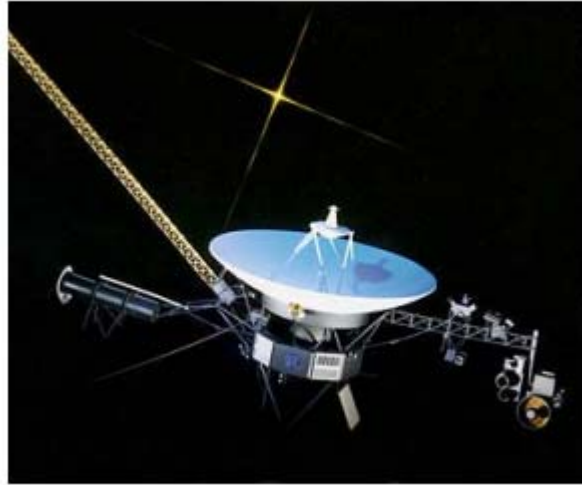


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: September 7, 2023

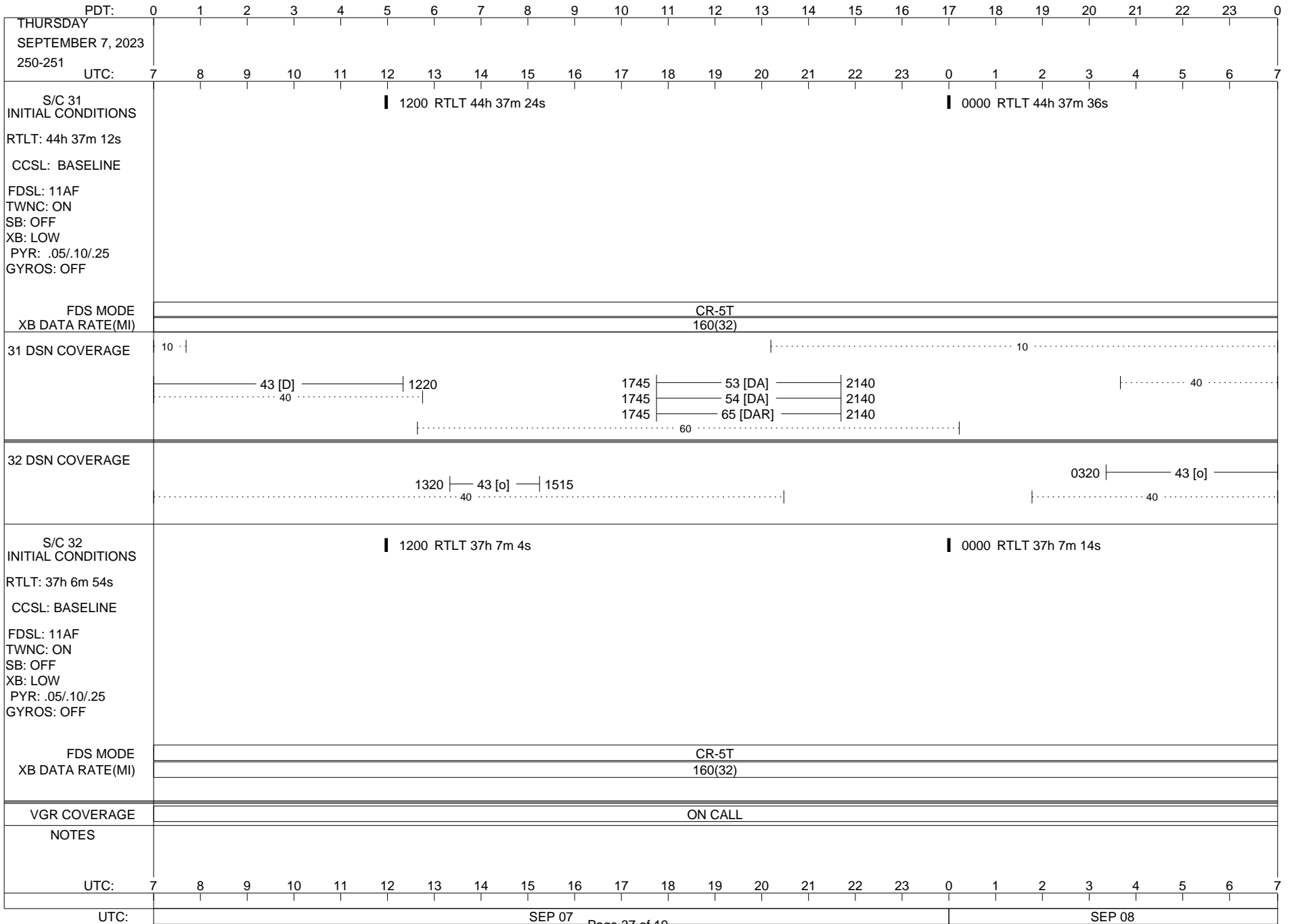
For the Period: 09/07/23 to 09/25/23 (23/250 – 23/268)



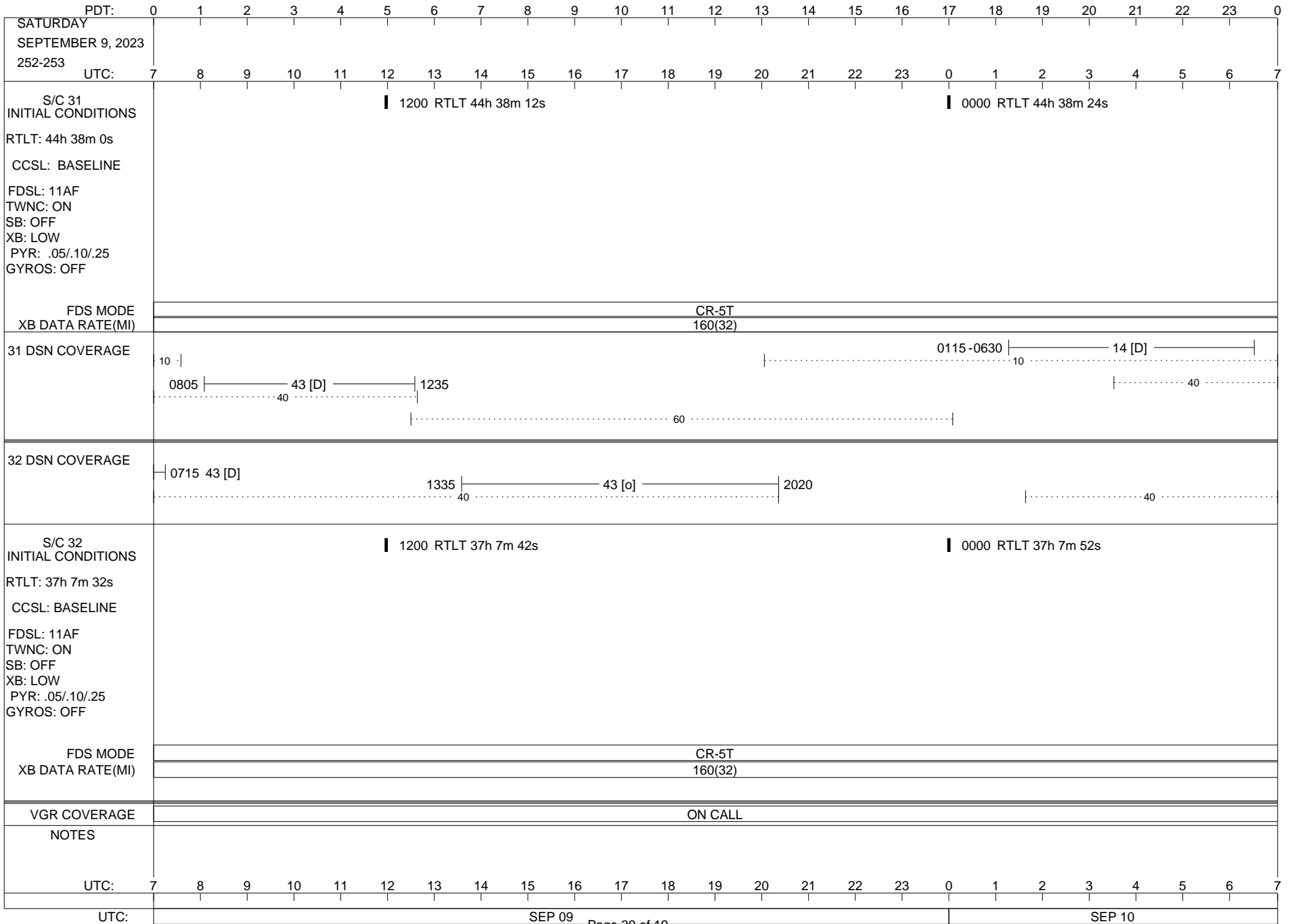
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

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



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													
FRIDAY SEPTEMBER 8, 2023 251-252																																						
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: 44h 37m 36s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 44h 37m 48s												0000 RTLT 44h 38m 0s																									
FDS MODE													CR-5T																									
XB DATA RATE(MI)													160(32)																									
31 DSN COVERAGE	10											2205					14 [D]				0345																	
40.....									10.....									40.....																	
32 DSN COVERAGE	43 [o]				0925	40.....										1655				43 [D]				2025	40.....				0245				43 [D]			
S/C 32 INITIAL CONDITIONS RTLT: 37h 7m 14s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 7m 22s												0000 RTLT 37h 7m 32s																									
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 08														SEP 09																							



ISSUE DATE: 09/07/23 08:39

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 10, 2023
253-254

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: 44h 38m 24s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

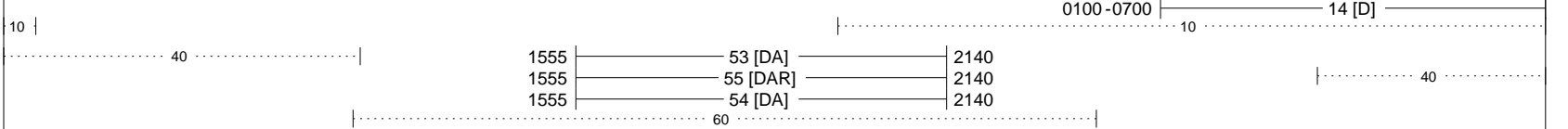
1200 RTLTL 44h 38m 36s

0000 RTLTL 44h 38m 48s

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLTL: 37h 7m 52s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLTL 37h 8m 2s

0000 RTLTL 37h 8m 12s

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 10 Page 40 of 19 SEP 11

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 12, 2023 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 RTLTL: 44h 39m 10s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 44h 39m 22s												0000 RTLTL 44h 39m 34s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0720 14 [D] 10												0015 14 [D] 10												
32 DSN COVERAGE	43 [D] 1345												0405 43 [o] 40												
S/C 32 INITIAL CONDITIONS RTLTL: 37h 8m 34s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 37h 8m 44s												0000 RTLTL 37h 8m 54s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												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 12												SEP 13												

ISSUE DATE: 09/07/23 08:39

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 13, 2023
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
RTLT: 44h 39m 34s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

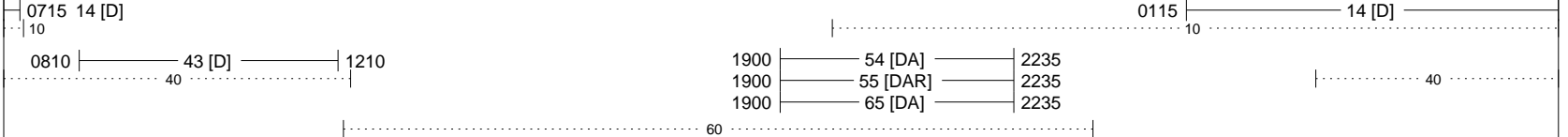
1200 RTLT 44h 39m 46s

0000 RTLT 44h 39m 58s

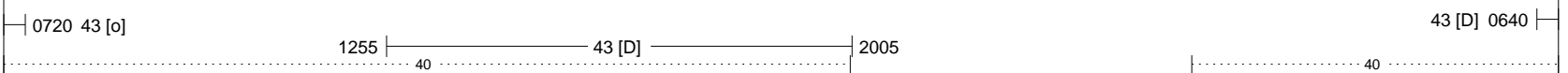
FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLT: 37h 8m 54s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 37h 9m 4s

0000 RTLT 37h 9m 14s

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE

ON CALL

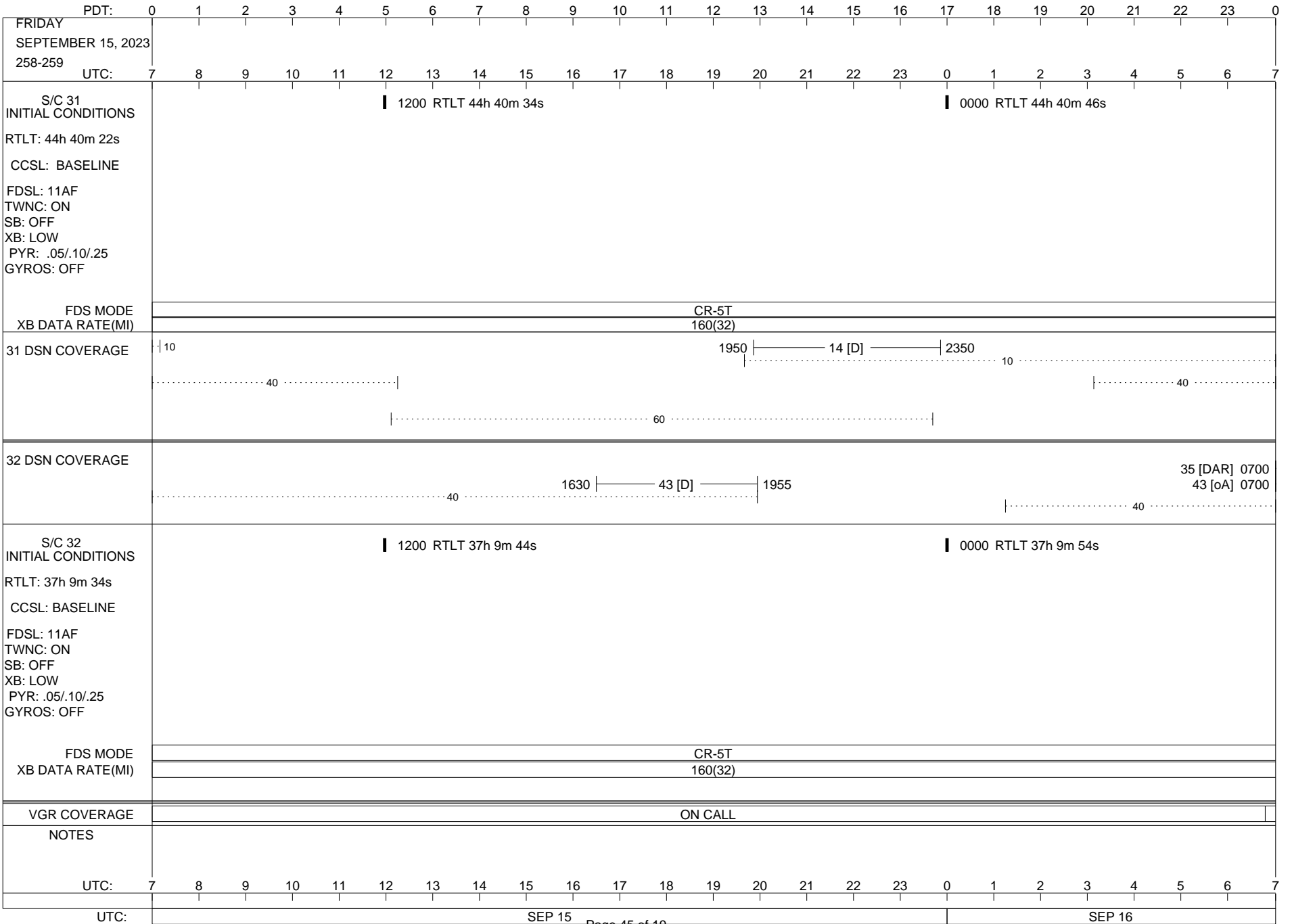
NOTES

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

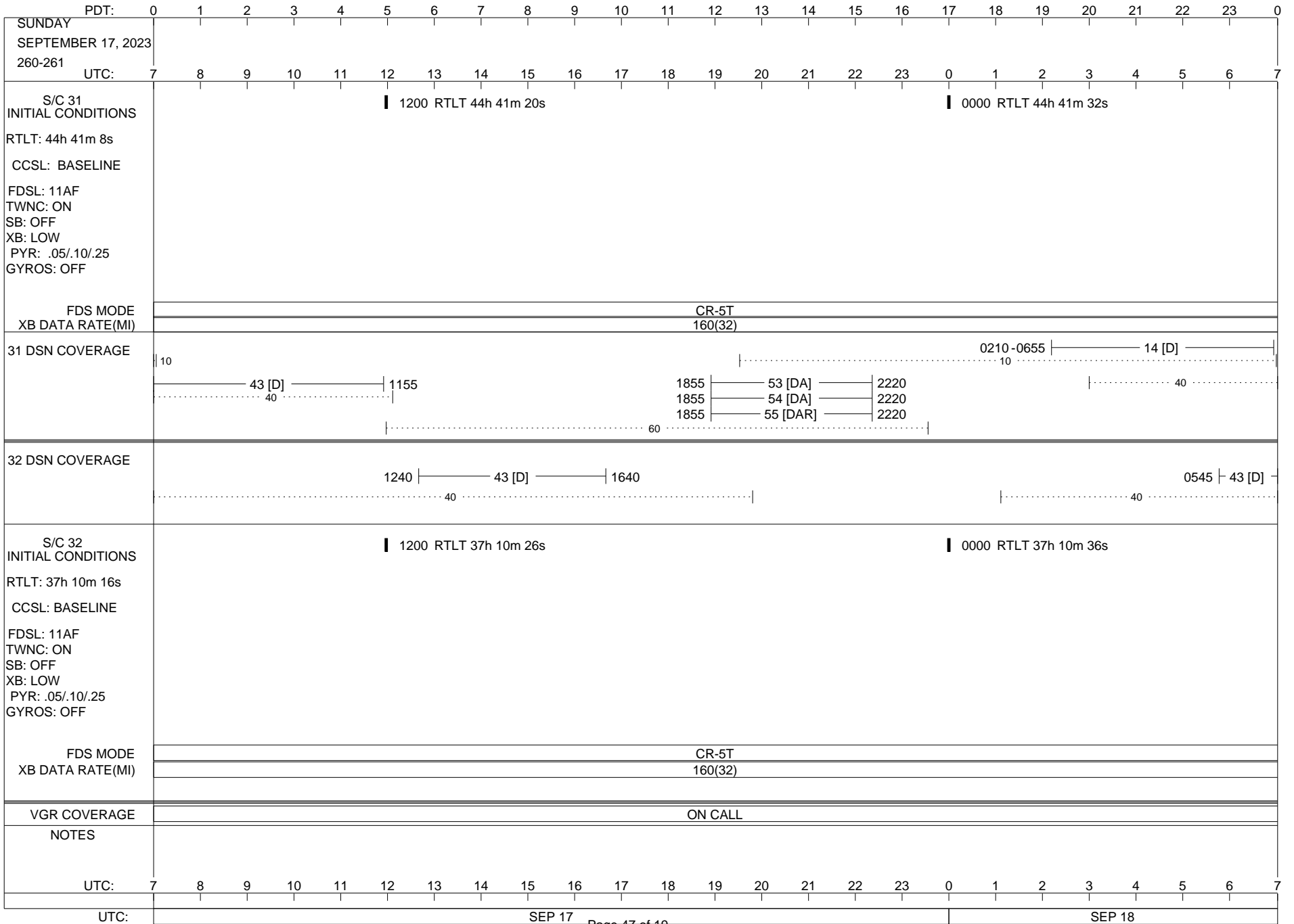
UTC: SEP 13 Page 43 of 19 SEP 14

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 14, 2023 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: 44h 39m 58s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 44h 40m 10s												0000 RTLT 44h 40m 22s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	0715 14 [D] 10											 40												
	0915 ----- 43 [D] ----- 1215												1715 ----- 53 [DAR] ----- 2115												
 40											 40												
	1715 ----- 54 [DA] ----- 2115																								
	1715 ----- 56 [DA] ----- 2115											 60												
32 DSN COVERAGE	43 [D] 0825												1330 ----- 43 [H1] ----- 2000												
 40											 40												
S/C 32 INITIAL CONDITIONS RTLT: 37h 9m 14s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 9m 24s												0000 RTLT 37h 9m 34s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL												VGR ON CALL												
NOTES	[1] DSS-43 HPTXR DRV OFF <= 18:30																								
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												

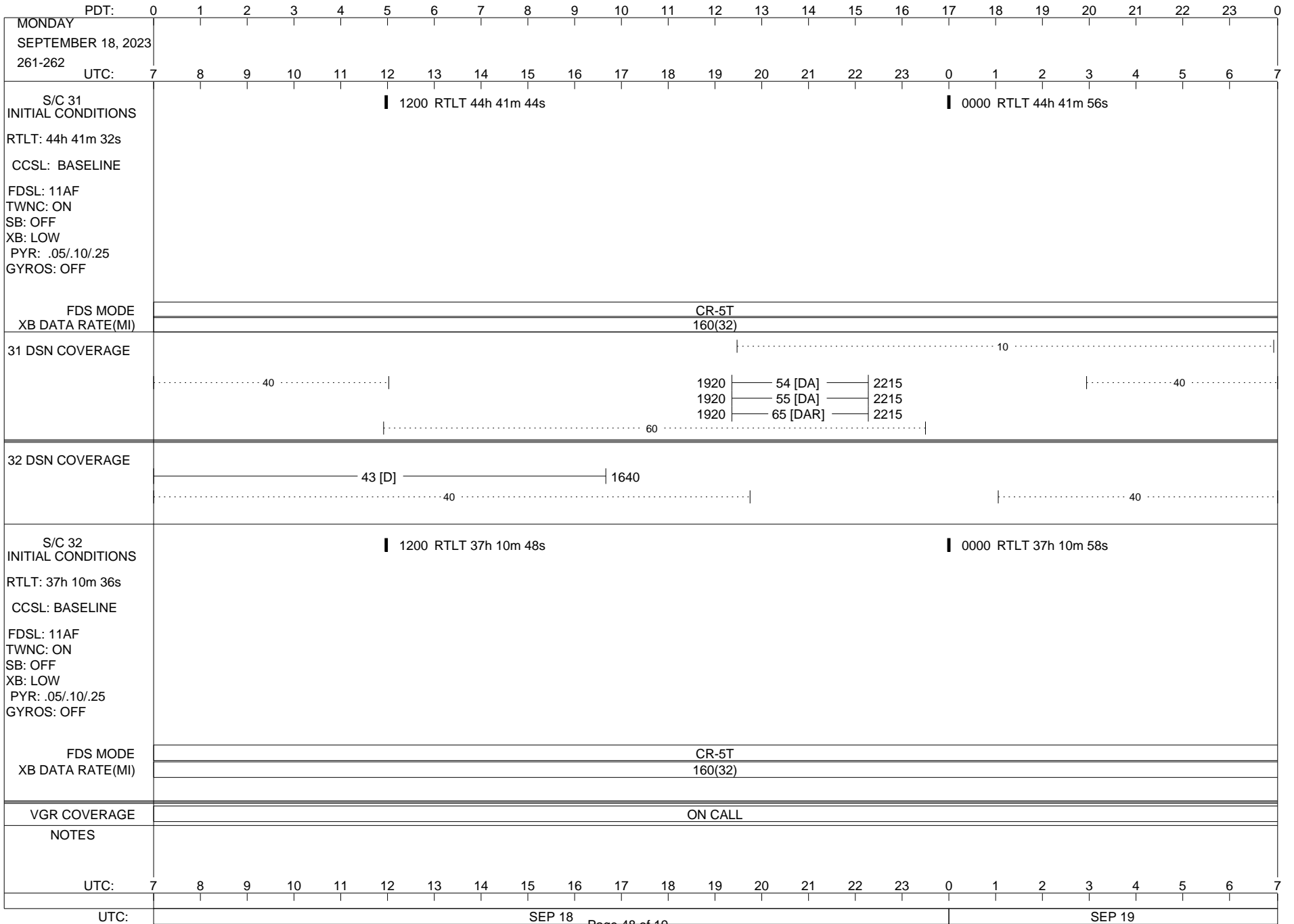
ISSUE DATE: 09/07/23 08:39

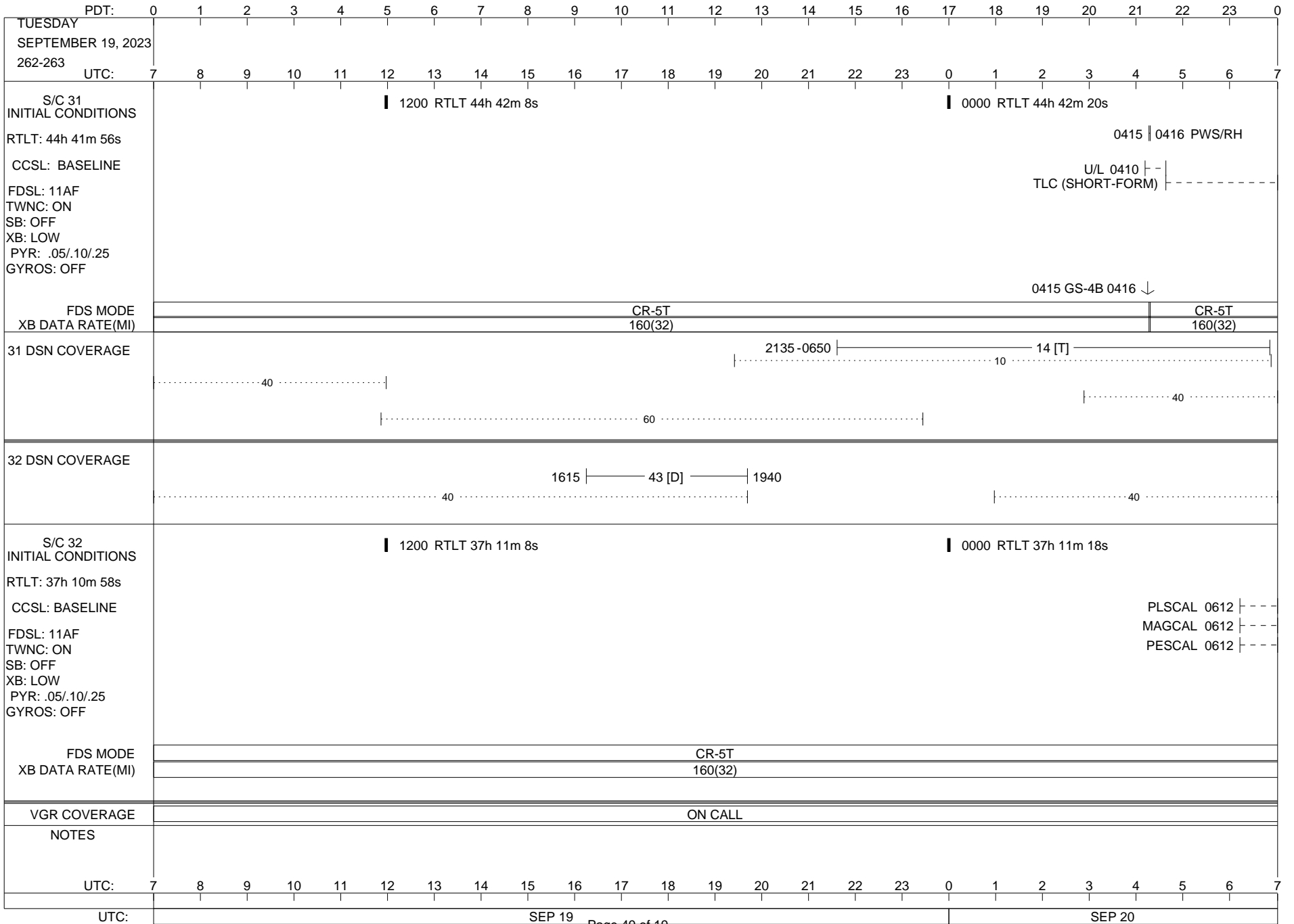


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SATURDAY SEPTEMBER 16, 2023 259-260																													
UTC:		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLT: 44h 40m 46s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 44h 40m 58s														0000 RTLT 44h 41m 8s													
FDS MODE XB DATA RATE(MI)																CR-5T 160(32)													
31 DSN COVERAGE		<p>10 ----- 40 ----- 60 ----- 1855 ----- 1855 ----- 1855 ----- 53 [DA] ----- 55 [DA] ----- 56 [DAR] ----- 2220 ----- 2220 ----- 2220 ----- 0045 ----- 10 ----- 14 [D] ----- 0305 ----- 43 [D] 0655 ----- 40</p>																											
32 DSN COVERAGE		<p>35 [DAR] ----- 0700-0830 ----- 43 [oA] ----- 0700-1950 ----- 40 ----- 40</p>																											
S/C 32 INITIAL CONDITIONS RTLT: 37h 9m 54s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 37h 10m 6s														0000 RTLT 37h 10m 16s													
* ↓ 0717 BAY 1 HTR OFF ↓ 0717 GYROS BC ON ↓ 0717 GYRO INIT ↓ 0727 GYRO FAULT TEST ↓ 0746 AAI 0748 ----- 0821 MAGROL ↓ 0827 RAI ↓ 0833 GYROS OFF ↓ 0847 BAY 1 HTR ON ↓ 0714 EL-40 0715																													
FDS MODE XB DATA RATE(MI)																CR-5T 160(32)													
VGR COVERAGE		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 16														SEP 17													



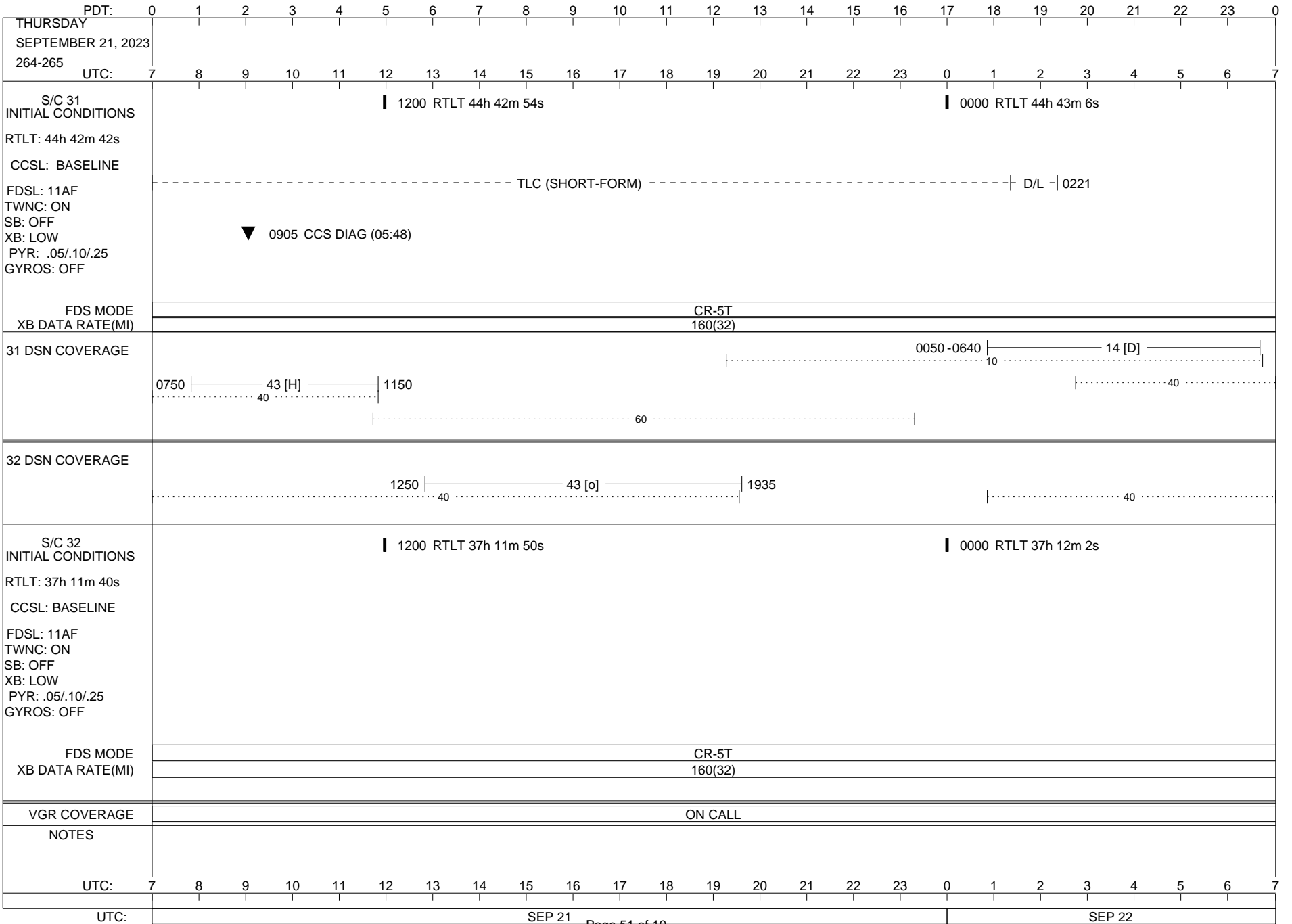
ISSUE DATE: 09/07/23 08:39





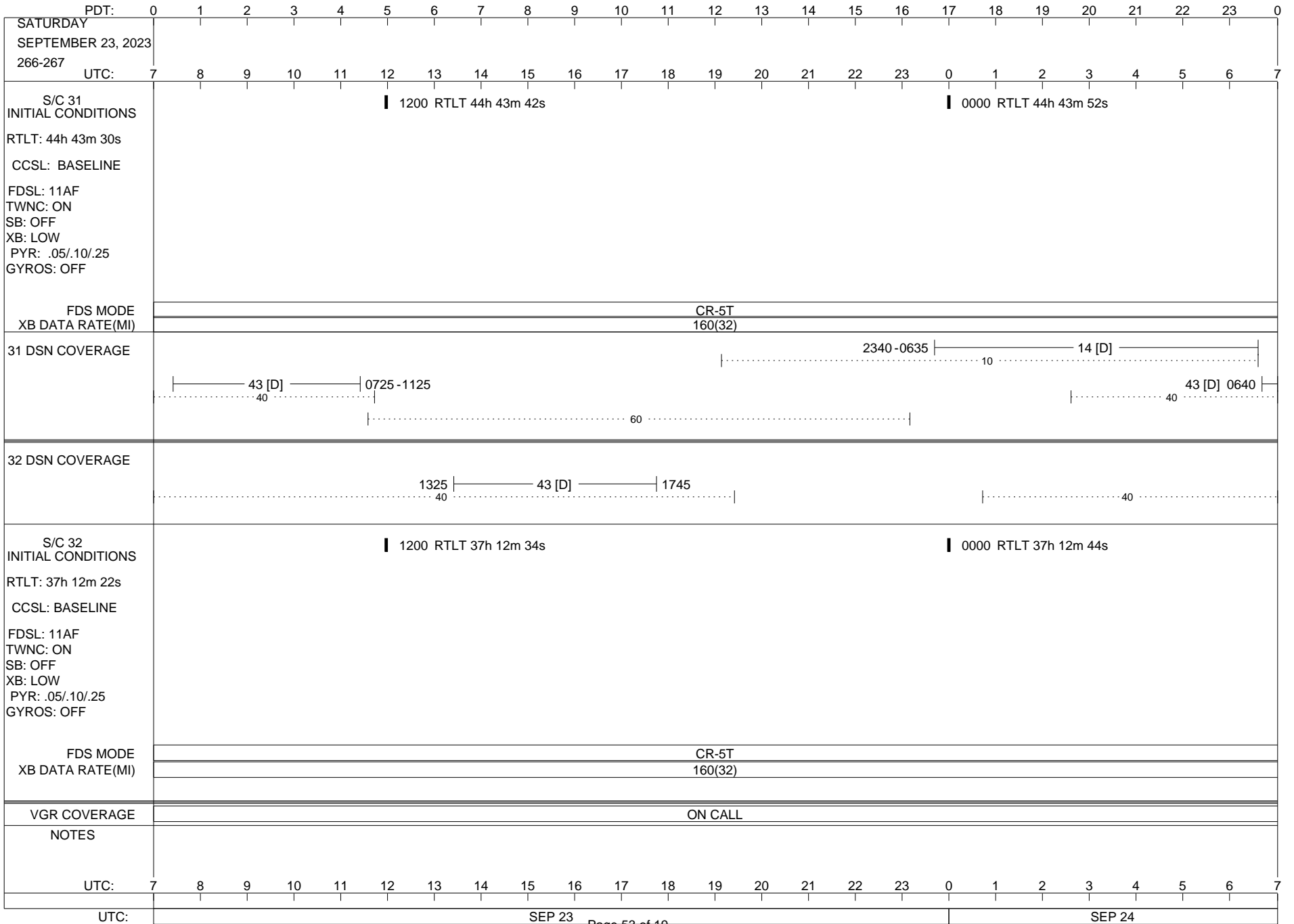
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WEDNESDAY SEPTEMBER 20, 2023 263-264																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 44h 42m 20s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 44h 42m 32s															█ 0000 RTLT 44h 42m 42s				
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 37h 11m 18s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 37h 11m 30s															█ 0000 RTLT 37h 11m 40s				
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:																									

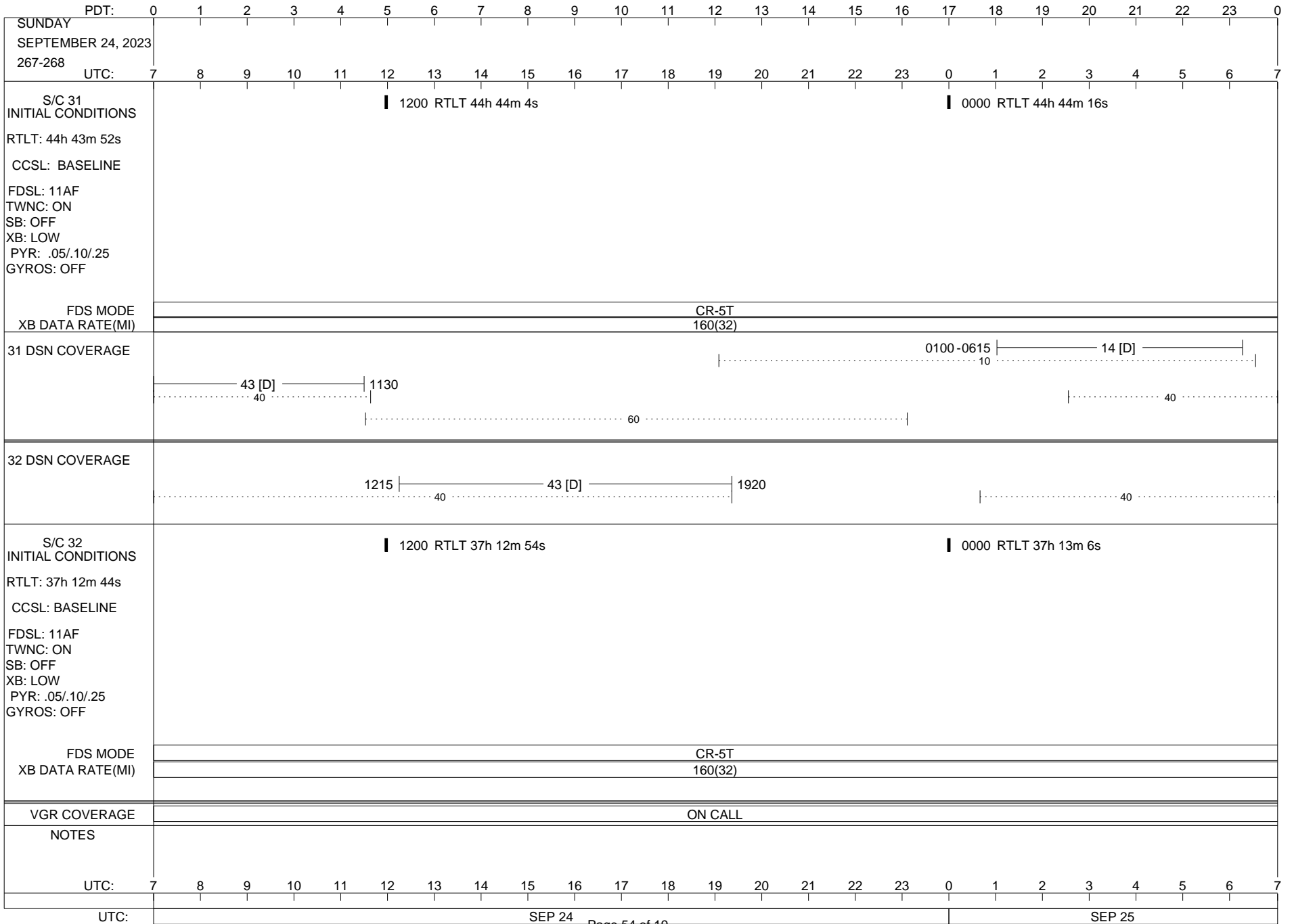
ISSUE DATE: 09/07/23 08:39



ISSUE DATE: 09/07/23 08:39

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			
FRIDAY SEPTEMBER 22, 2023 265-266																													
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: 44h 43m 6s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF		1200 RTLT 44h 43m 18s												0000 RTLT 44h 43m 30s															
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)															
31 DSN COVERAGE																													
32 DSN COVERAGE																													
S/C 32 INITIAL CONDITIONS RTLT: 37h 12m 2s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF		1200 RTLT 37h 12m 12s												0000 RTLT 37h 12m 22s															
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)															
VGR COVERAGE		ON CALL												VGR						ON CALL									
NOTES		[1] DSS-43 HPTXR DRV ON >= 02:15																											
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															





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 25, 2023 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 RTLT: 44h 44m 16s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		█ 1200 RTLT 44h 44m 28s												█ 0000 RTLT 44h 44m 40s															
FDS MODE																CR-5T													
XB DATA RATE(MI)																160(32)													
31 DSN COVERAGE																													
32 DSN COVERAGE																													
S/C 32 INITIAL CONDITIONS RTLT: 37h 13m 6s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		█ 1200 RTLT 37h 13m 16s												█ 0000 RTLT 37h 13m 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 25														SEP 26													