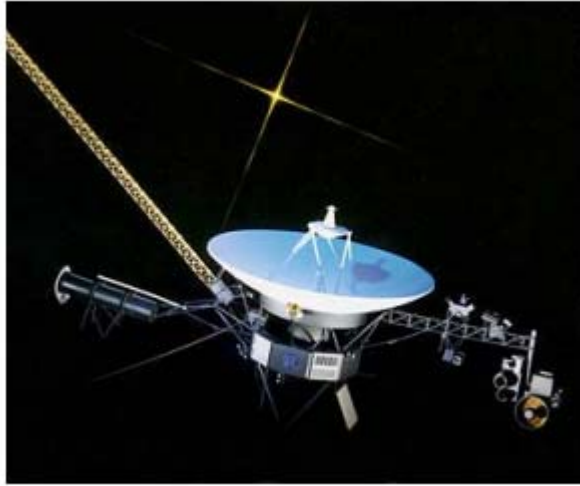


# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: September 12, 2023

For the Period: 09/14/23 to 10/02/23 (23/257 – 23/275)



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

ISSUE DATE: 09/10/23 11:25

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												10															
	0915   40				43 [D]   1215				1815   53 [DAR]   2215				1815   54 [DA]   2215				1815   55 [DA]   2215				40							
													60															
32 DSN COVERAGE	43 [D]   0825												40															
					1330   40				43 [H1]   2000								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															
													▼ 1804 MAGROL (07:13)															
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	ON CALL												VGR				ON CALL											
NOTES	[1] DSS-43 HPTXR DRV OFF <= 1830																											
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															

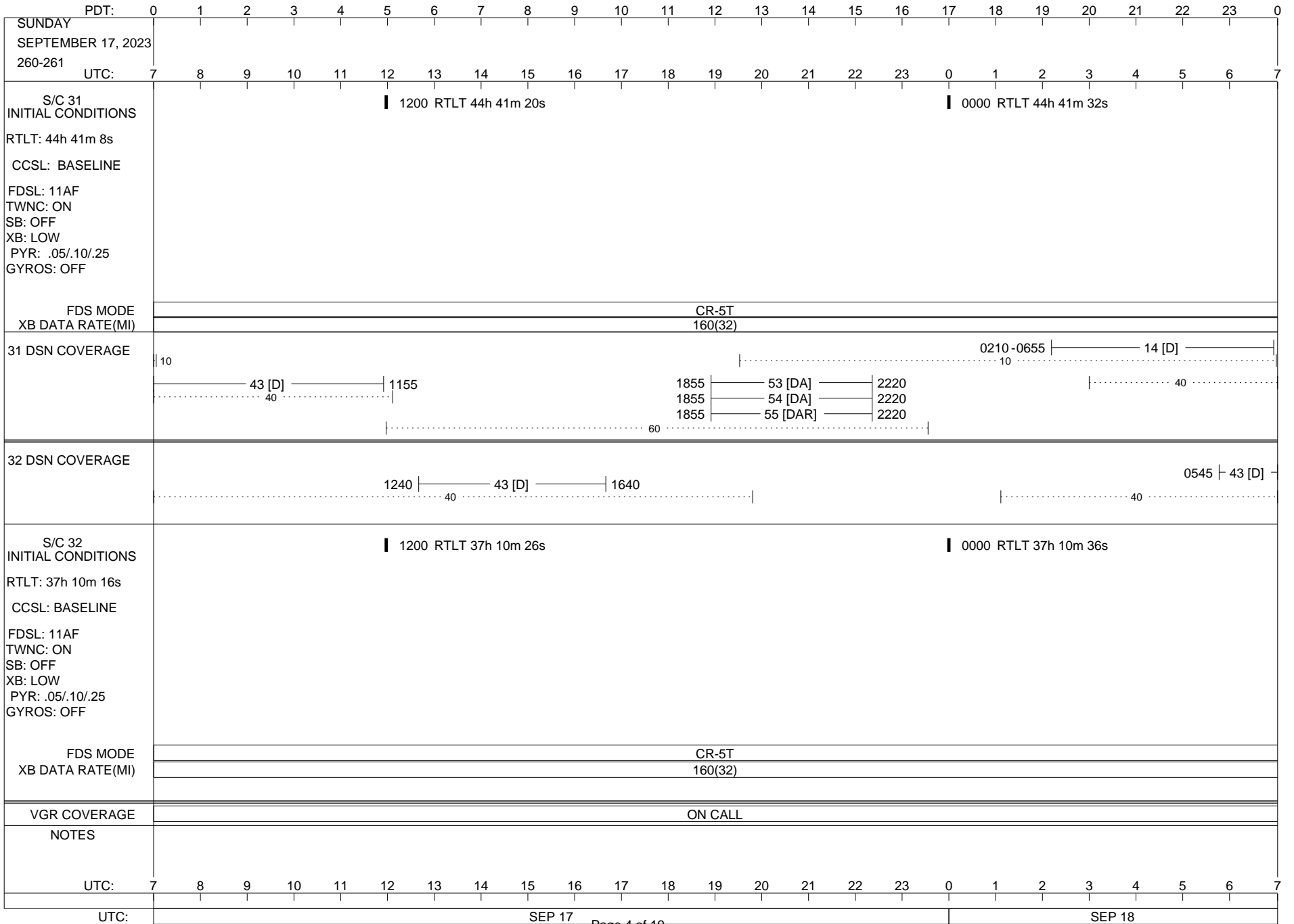
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FRIDAY SEPTEMBER 15, 2023 258-259																															
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S/C 31 INITIAL CONDITIONS RTLT: 44h 40m 22s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF		1200 RTLT 44h 40m 34s														0000 RTLT 44h 40m 46s															
FDS MODE																CR-5T															
XB DATA RATE(MI)																160(32)															
31 DSN COVERAGE		10												1950		14 [D]				2350											
		40										60										40									
32 DSN COVERAGE												1630		43 [D]				1955													
		40										35 [DAR] 0700 43 [pA] 0700										40									
S/C 32 INITIAL CONDITIONS RTLT: 37h 9m 34s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF		1200 RTLT 37h 9m 44s														0000 RTLT 37h 9m 54s															
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 15														SEP 16															

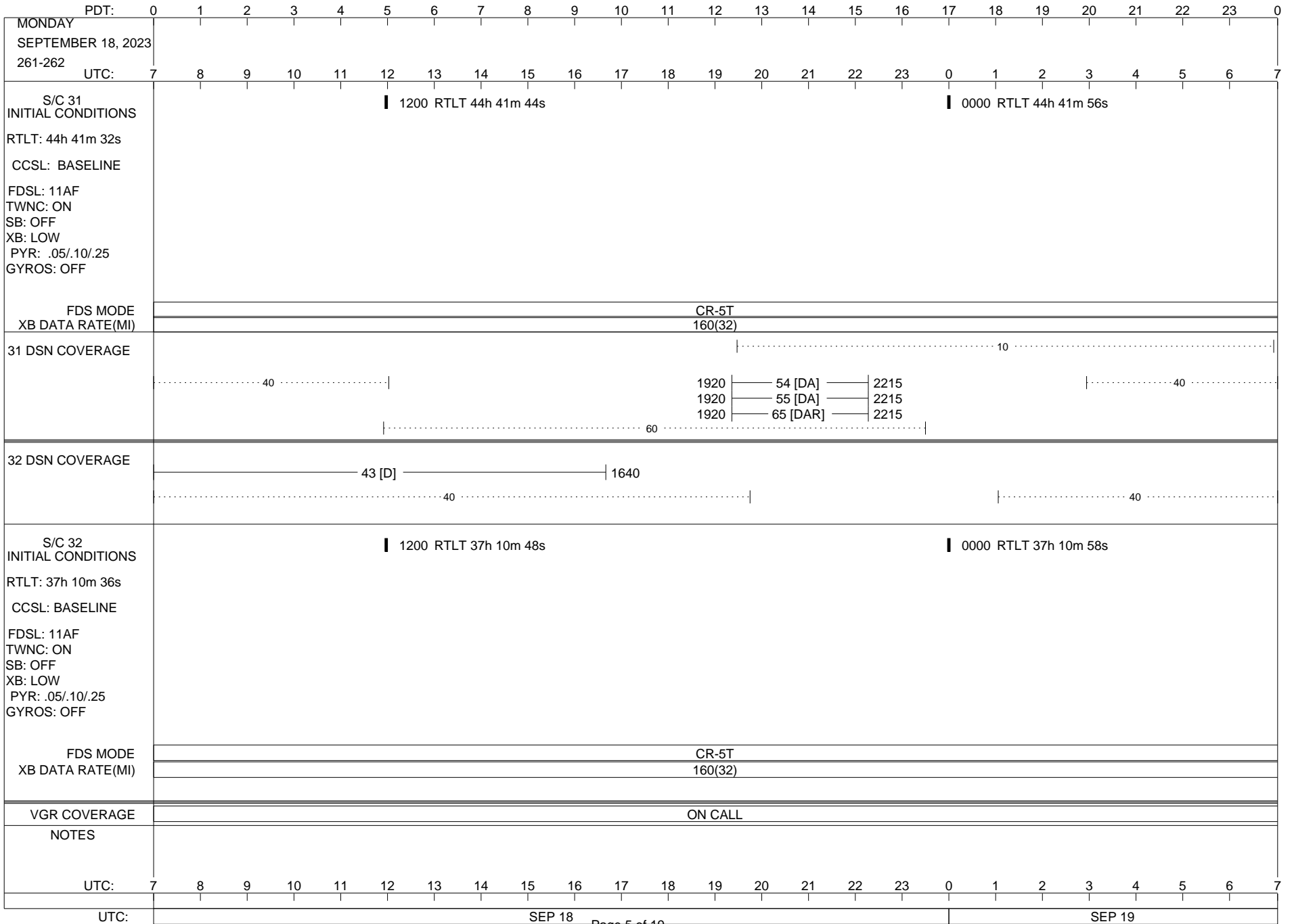
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SATURDAY SEPTEMBER 16, 2023 259-260																													
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S/C 31 INITIAL CONDITIONS RTLT: 44h 40m 46s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 44h 40m 58s														0000 RTLT 44h 41m 8s													
FDS MODE XB DATA RATE(MI)																CR-5T 160(32)													
31 DSN COVERAGE																													
32 DSN COVERAGE																													
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 ↓ 0718 GYRO INIT ↓ 0727 GYRO FAULT TEST ↓ 0747 AAI 0750   -   0823 MAGROL ↓ 0824 RAI ↓ 0835 GYROS OFF ↓ 0843 BAY 1 HTR ON ↓ 0718 EL-40 0719																													
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													

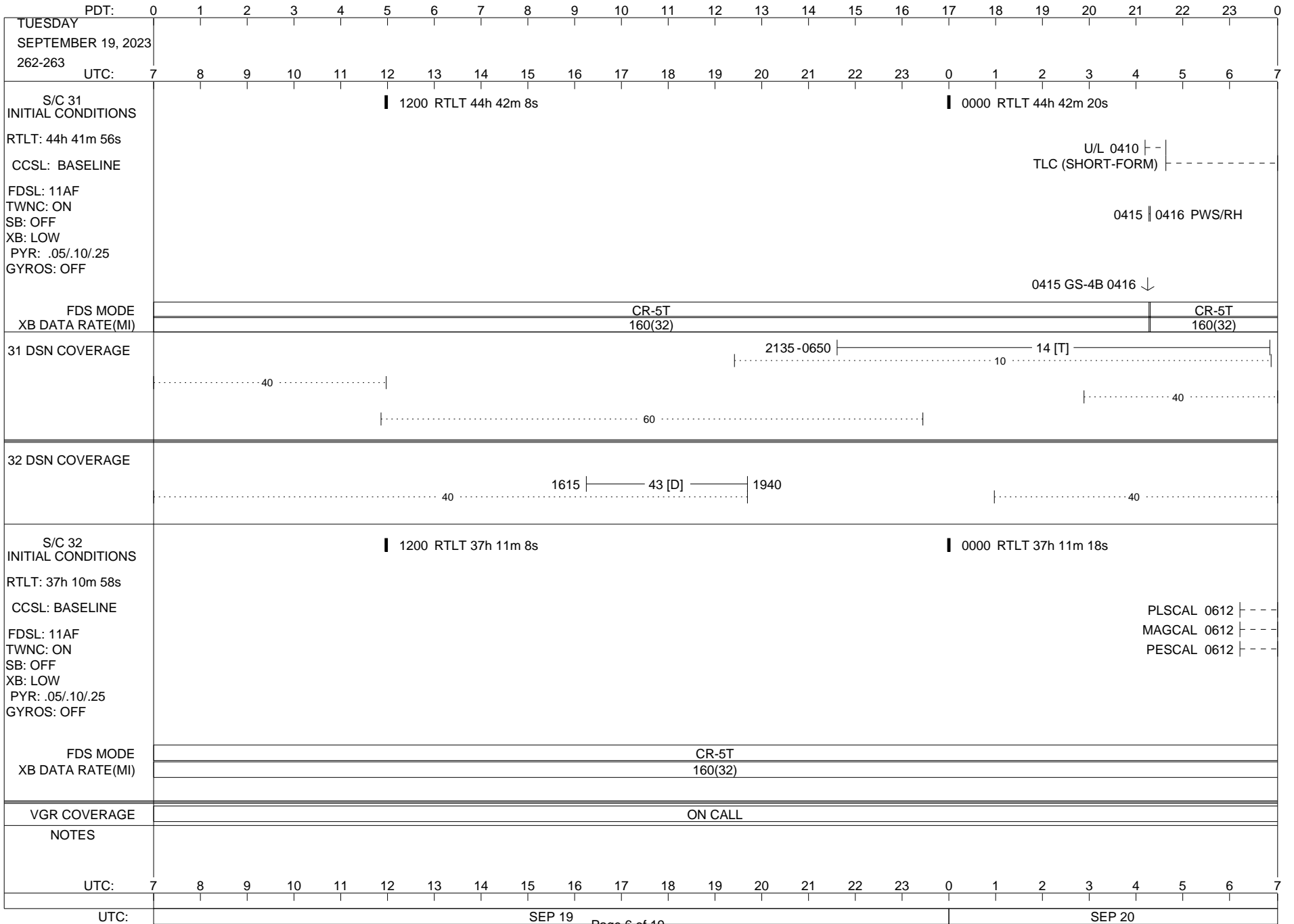
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ISSUE DATE: 09/10/23 11:25



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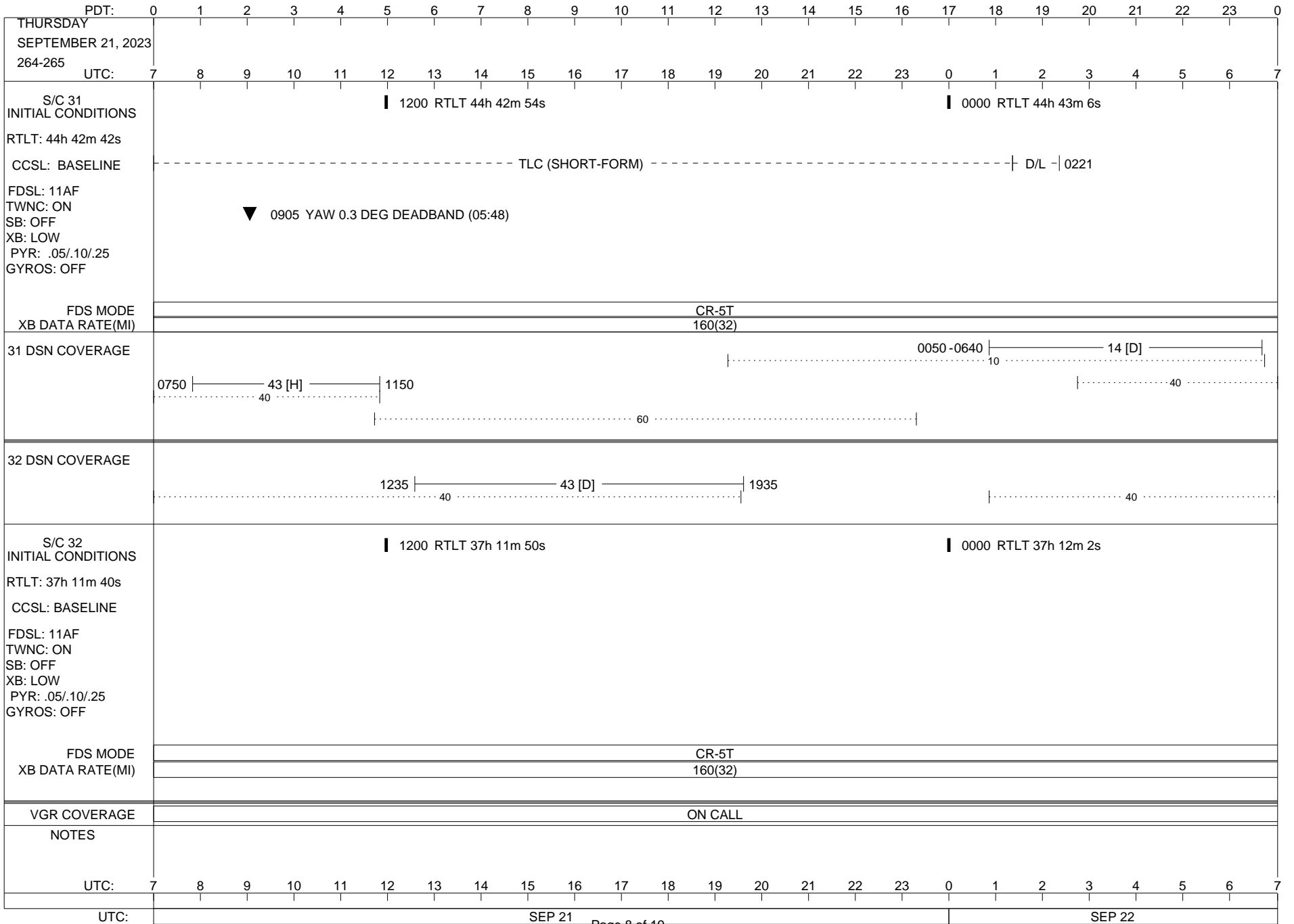


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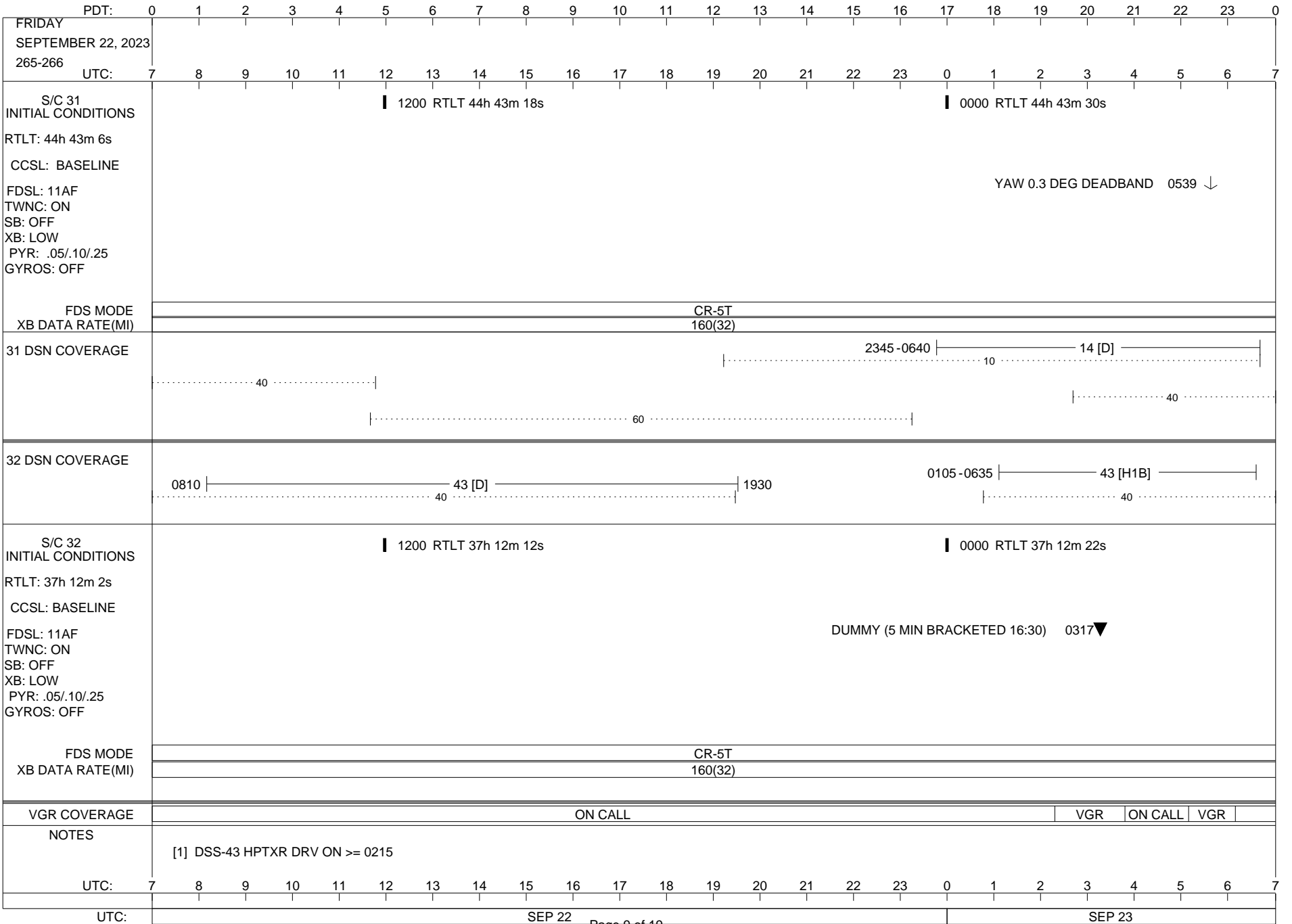
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WEDNESDAY SEPTEMBER 20, 2023 263-264																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 44h 42m 20s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: 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:																									



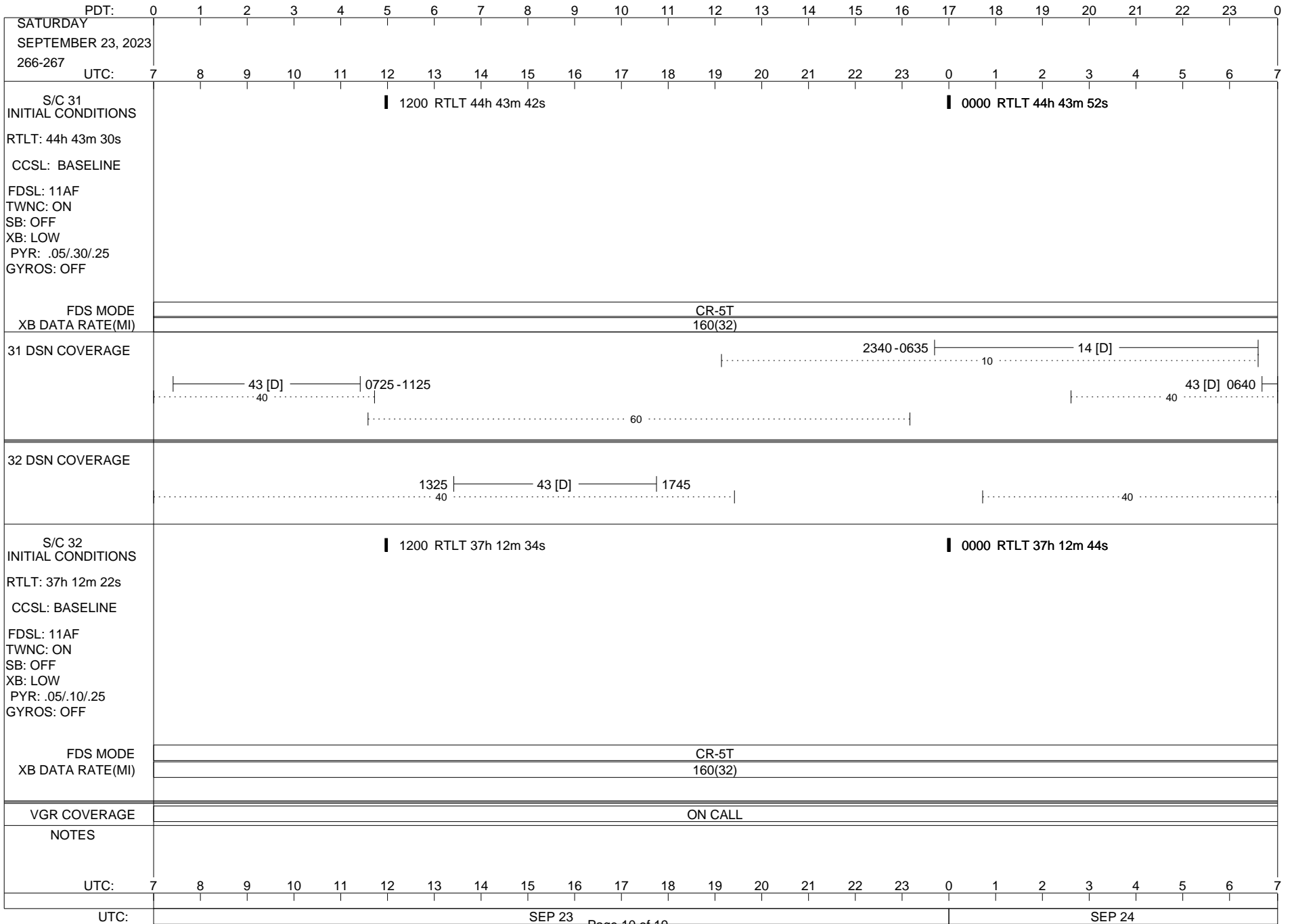
ISSUE DATE: 09/10/23 11:25



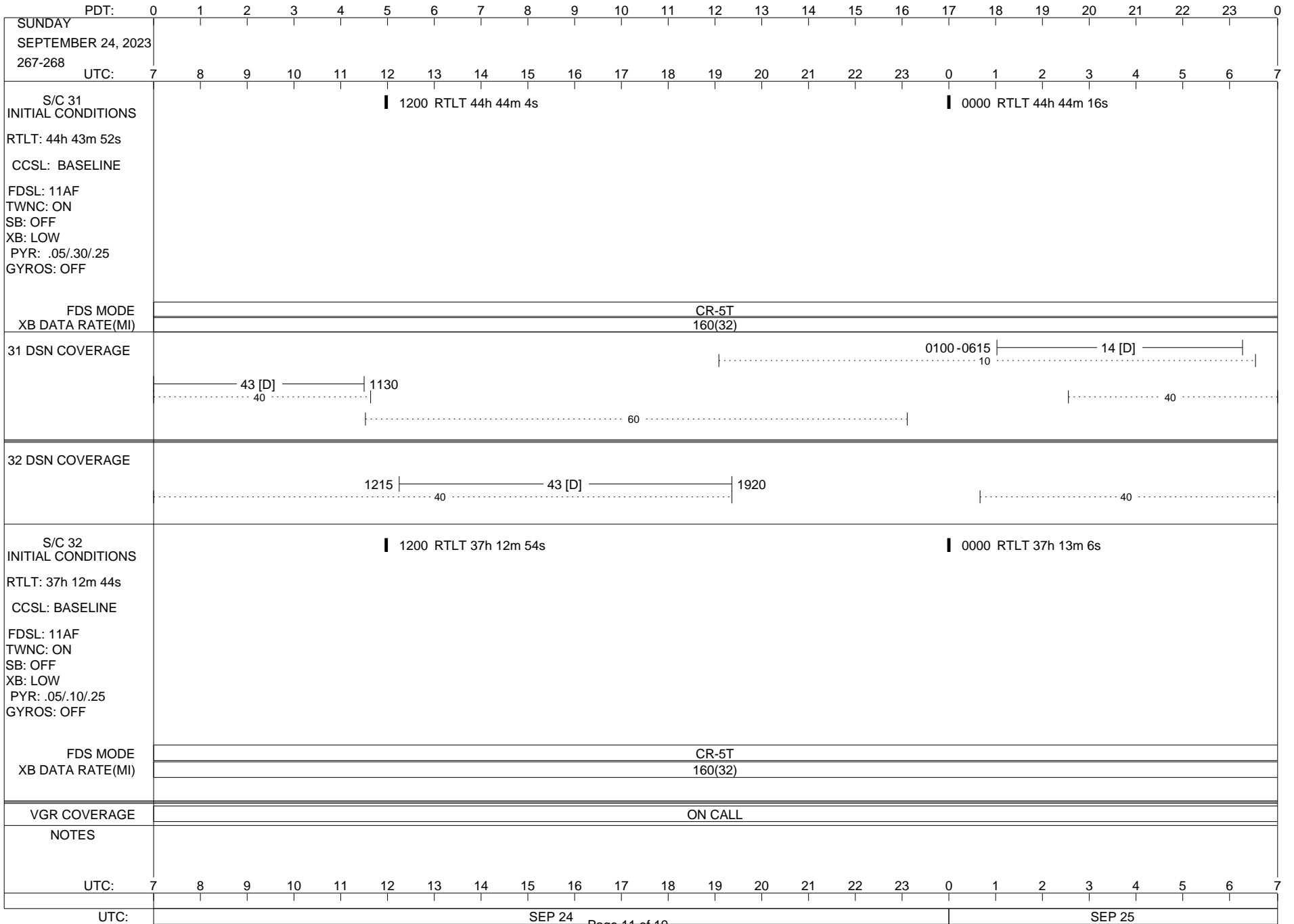
ISSUE DATE: 09/10/23 11:25



ISSUE DATE: 09/10/23 11:25



ISSUE DATE: 09/10/23 11:25



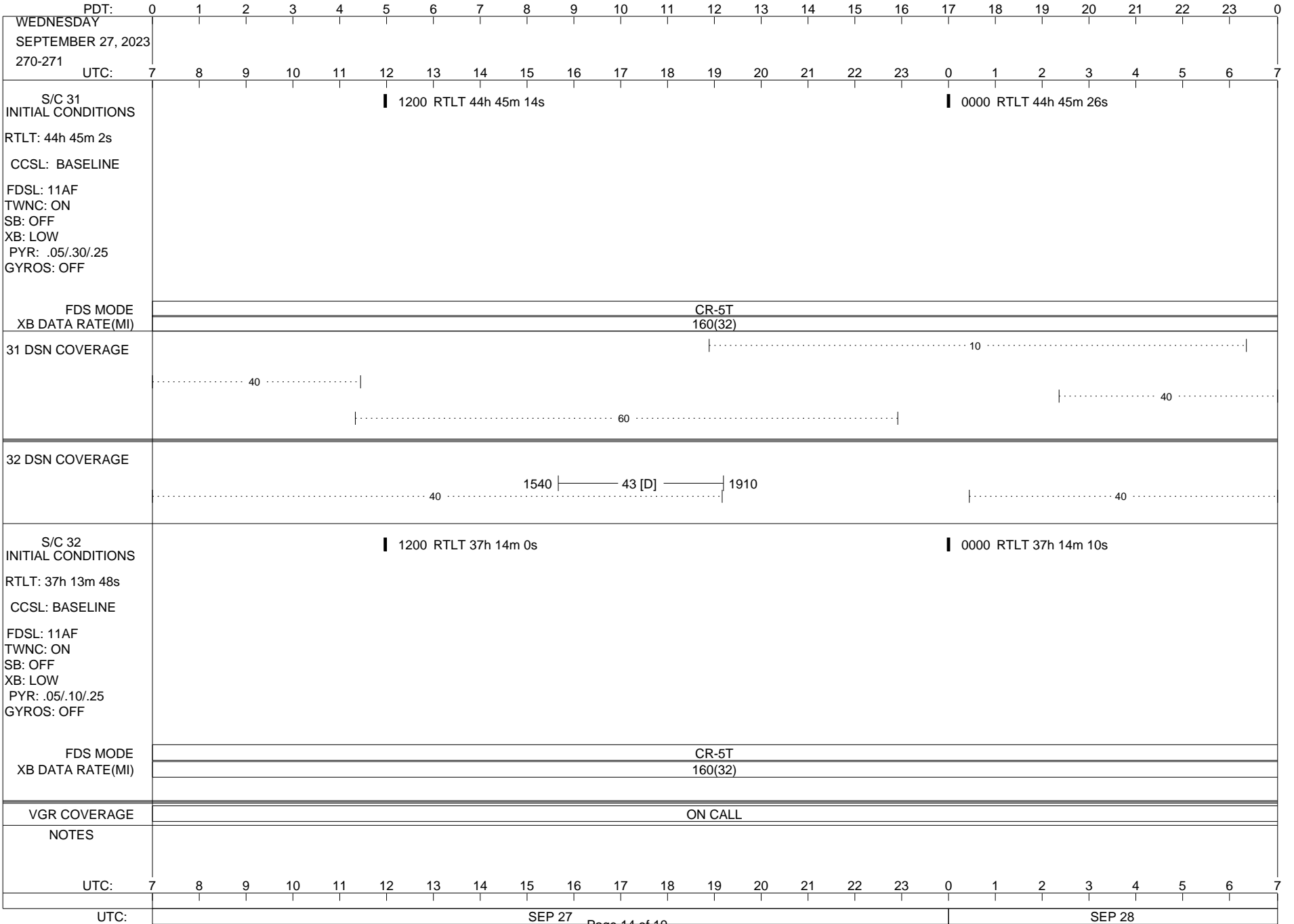
ISSUE DATE: 09/10/23 11:25

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							█ 1200													█ 0000						
RTLT: 44h 44m 16s																										
CCSL: BASELINE																										
FDSL: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: LOW																										
PYR: .05/.30/.25																										
GYROS: OFF																										
FDS MODE																										
XB DATA RATE(MI)																										
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS							█ 1200													█ 0000						
RTLT: 37h 13m 6s																										
CCSL: BASELINE																										
FDSL: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: LOW																										
PYR: .05/.10/.25																										
GYROS: OFF																										
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:		SEP 25												SEP 26												

ISSUE DATE: 09/10/23 11:25

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 26, 2023																												
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		1200 RTLT 44h 44m 50s												0000 RTLT 44h 45m 2s														
RTLT: 44h 44m 40s																												
CCSL: BASELINE																												
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.30/.25																												
GYROS: OFF																												
FDS MODE		CR-5T												CR-5T														
XB DATA RATE(MI)		160(32)												160(32)														
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS		1200 RTLT 37h 13m 38s												0000 RTLT 37h 13m 48s														
RTLT: 37h 13m 26s																												
CCSL: BASELINE																												
FDSL: 11AF																												
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)														
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 26												SEP 27														

ISSUE DATE: 09/10/23 11:25



ISSUE DATE: 09/10/23 11:25

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 28, 2023																												
271-272																												
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 44h 45m 36s												█ 0000 RTLT 44h 45m 48s														
RTLT: 44h 45m 26s																												
CCSL: BASELINE																												
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.30/.25																												
GYROS: OFF																												
FDS MODE														CR-5T														
XB DATA RATE(MI)														160(32)														
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS		█ 1200 RTLT 37h 14m 22s												█ 0000 RTLT 37h 14m 32s														
RTLT: 37h 14m 10s																												
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)														
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 28												SEP 29														

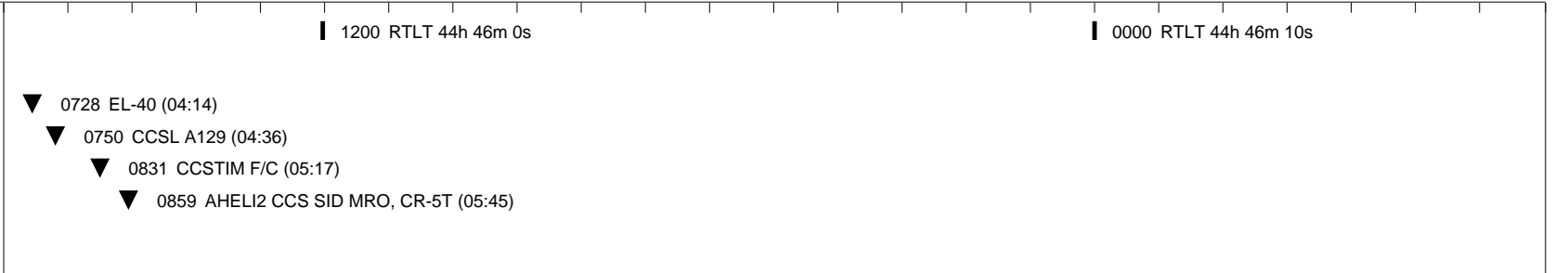


ISSUE DATE: 09/10/23 11:25

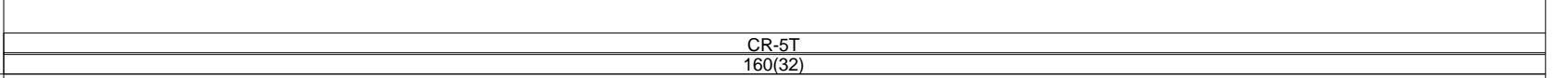
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7

FRIDAY  
 SEPTEMBER 29, 2023  
 272-273

S/C 31  
 INITIAL CONDITIONS  
 RTLT: 44h 45m 48s  
 CCSL: BASELINE  
 FDSL: 11AF  
 TWNC: ON  
 SB: OFF  
 XB: LOW  
 PYR: .05/.30/.25  
 GYROS: OFF



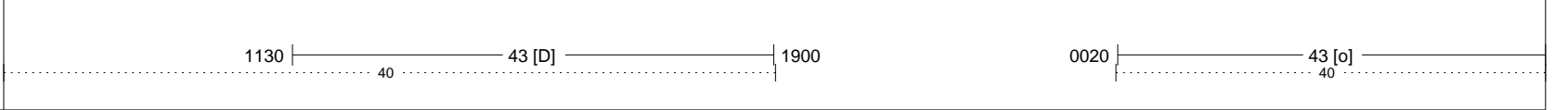
FDS MODE  
 XB DATA RATE(MI)



31 DSN COVERAGE



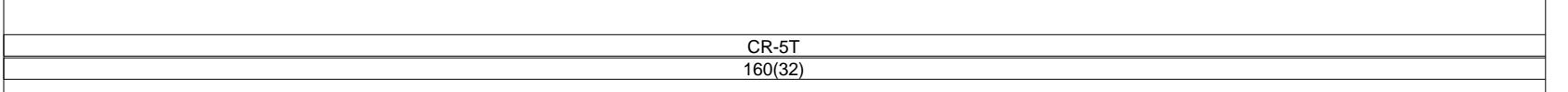
32 DSN COVERAGE



S/C 32  
 INITIAL CONDITIONS  
 RTLT: 37h 14m 32s  
 CCSL: BASELINE  
 FDSL: 11AF  
 TWNC: ON  
 SB: OFF  
 XB: LOW  
 PYR: .05/.10/.25  
 GYROS: OFF



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:	SEP 29													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		
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		
<p>SATURDAY SEPTEMBER 30, 2023 273-274</p>																											
<p>S/C 31 INITIAL CONDITIONS RTLT: 44h 46m 10s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.30/.25 GYROS: OFF</p>														<p>1200 RTLT 44h 46m 22s</p>													
<p>FDS MODE XB DATA RATE(MI)</p>														<p>CR-5T 160(32)</p>										<p>EL-40 40(30)</p>		<p>CR-5T 160(32)</p>	
<p>31 DSN COVERAGE</p>																											
<p>32 DSN COVERAGE</p>																											
<p>S/C 32 INITIAL CONDITIONS RTLT: 37h 14m 54s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF</p>														<p>1200 RTLT 37h 15m 4s</p>													
<p>FDS MODE XB DATA RATE(MI)</p>														<p>CR-5T 160(32)</p>													
<p>VGR COVERAGE</p> <p>ON CALL</p>																											
<p>NOTES</p> <p>[1] SC 31=EL-40 XB=40(30) @ 0415 [2] SC 31=CR-5T XB=160(32) @ 0551</p>																											
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									

ISSUE DATE: 09/10/23 11:25

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 OCTOBER 1, 2023 274-275																									
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 46m 34s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.30/.25 GYROS: OFF	1200 RTLTL 44h 46m 46s												0000 RTLTL 44h 46m 56s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	0710 43 [D]   40 .....   1105   63 [D]   1405   .....   60												..... 10   43 [H1T] 0605   40												
32 DSN COVERAGE	40 .....   1455   43 [D]   1855												0115   43 [H1]   0445   40												
S/C 32 INITIAL CONDITIONS RTLTL: 37h 15m 16s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 37h 15m 26s												0000 RTLTL 37h 15m 38s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	ON CALL																		VGR	ON CALL					
NOTES	[1] DSS-43 HPTXR DRV ON >= 0140 [2] A129 BACKUP U/L SUPPORT																								
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 01												OCT 02												

ISSUE DATE: 09/10/23 11:25

