

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: September 27, 2023

For the Period: 09/28/23 to 10/16/23 (23/271 – 23/289)



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

LEGEND:

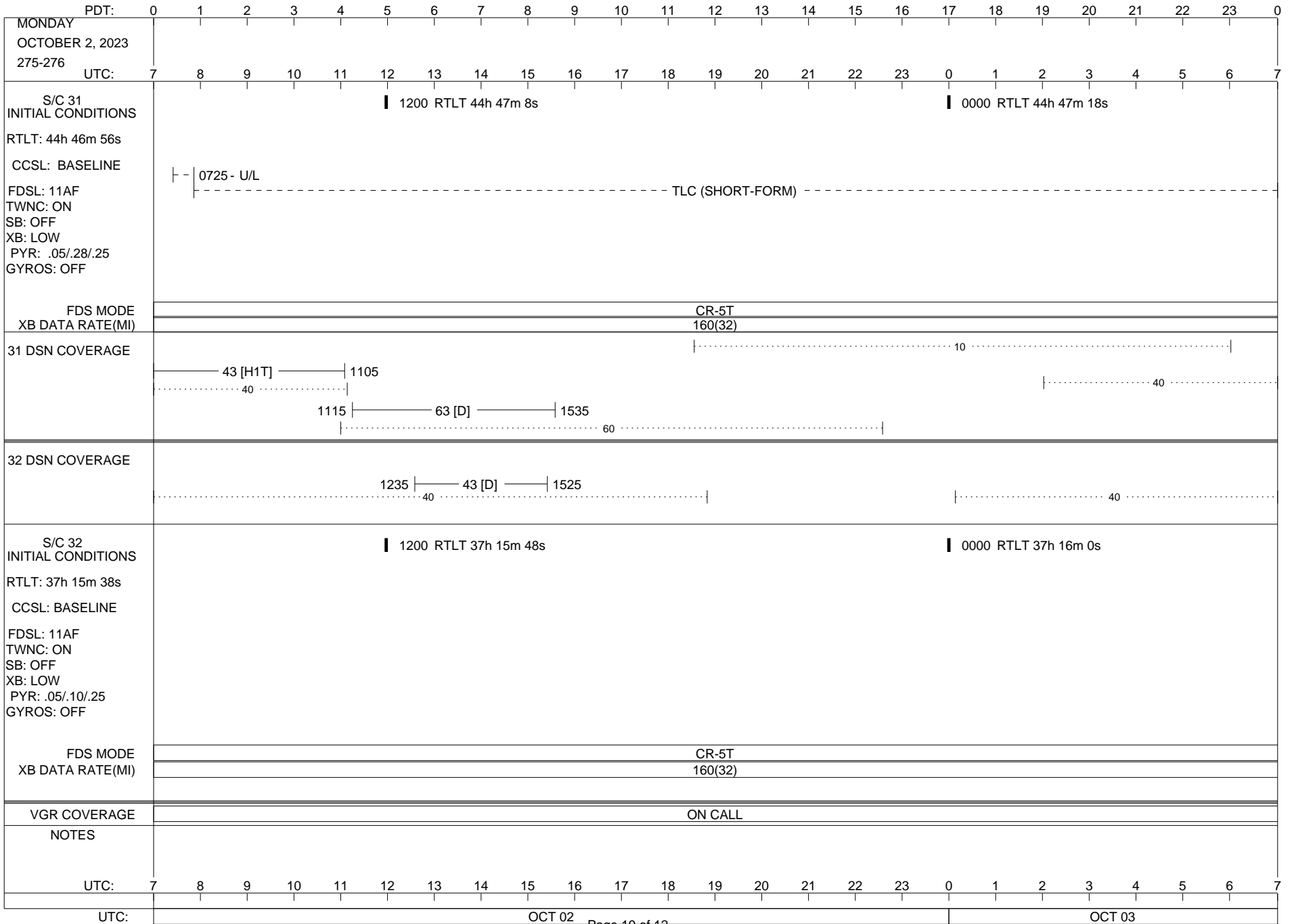
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U = 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
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 RTLT: 44h 45m 26s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.28/.25 GYROS: OFF	█ 1200 RTLT 44h 45m 36s												█ 0000 RTLT 44h 45m 48s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	|-----43 [D]-----| 0735-1120 .....40..... .....60.....												.....2335|-----14 [D]-----| 0600 .....10..... .....43 [H] 0645| .....40.....											
32 DSN COVERAGE	.....40.....1540|-----43 [o]-----| 1905												.....40.....											
S/C 32 INITIAL CONDITIONS RTLT: 37h 14m 10s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 37h 14m 22s												█ 0000 RTLT 37h 14m 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 28												SEP 29												

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/.28/.25 GYROS: OFF		1200 RTLT 44h 46m 0s														0000 RTLT 44h 46m 10s													
FDS MODE XB DATA RATE(MI)																CR-5T 160(32)													
31 DSN COVERAGE		<p>Plot for S/C 31 DSN Coverage: Shows coverage percentages (43 [H], 40, 1045, 60, 40) and data rates (43 [H], 40) over the 24-hour period.</p>																											
32 DSN COVERAGE		<p>Plot for S/C 32 DSN Coverage: Shows coverage percentages (43 [D], 1900, 0020, 43 [o], 40) and data rates (1130, 40) over the 24-hour period.</p>																											
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		1200 RTLT 37h 14m 42s														0000 RTLT 37h 14m 54s													
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 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			
SATURDAY SEPTEMBER 30, 2023 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: 44h 46m 10s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.28/.25 GYROS: OFF	1200 RTLT 44h 46m 22s														0000 RTLT 44h 46m 34s													
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 RTLT: 37h 14m 54s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 15m 4s														0000 RTLT 37h 15m 16s													
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	ON CALL														VGR													
NOTES	<p>[1] SC 31=EL-40 XB=40(30) @ 0415</p> <p>[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													

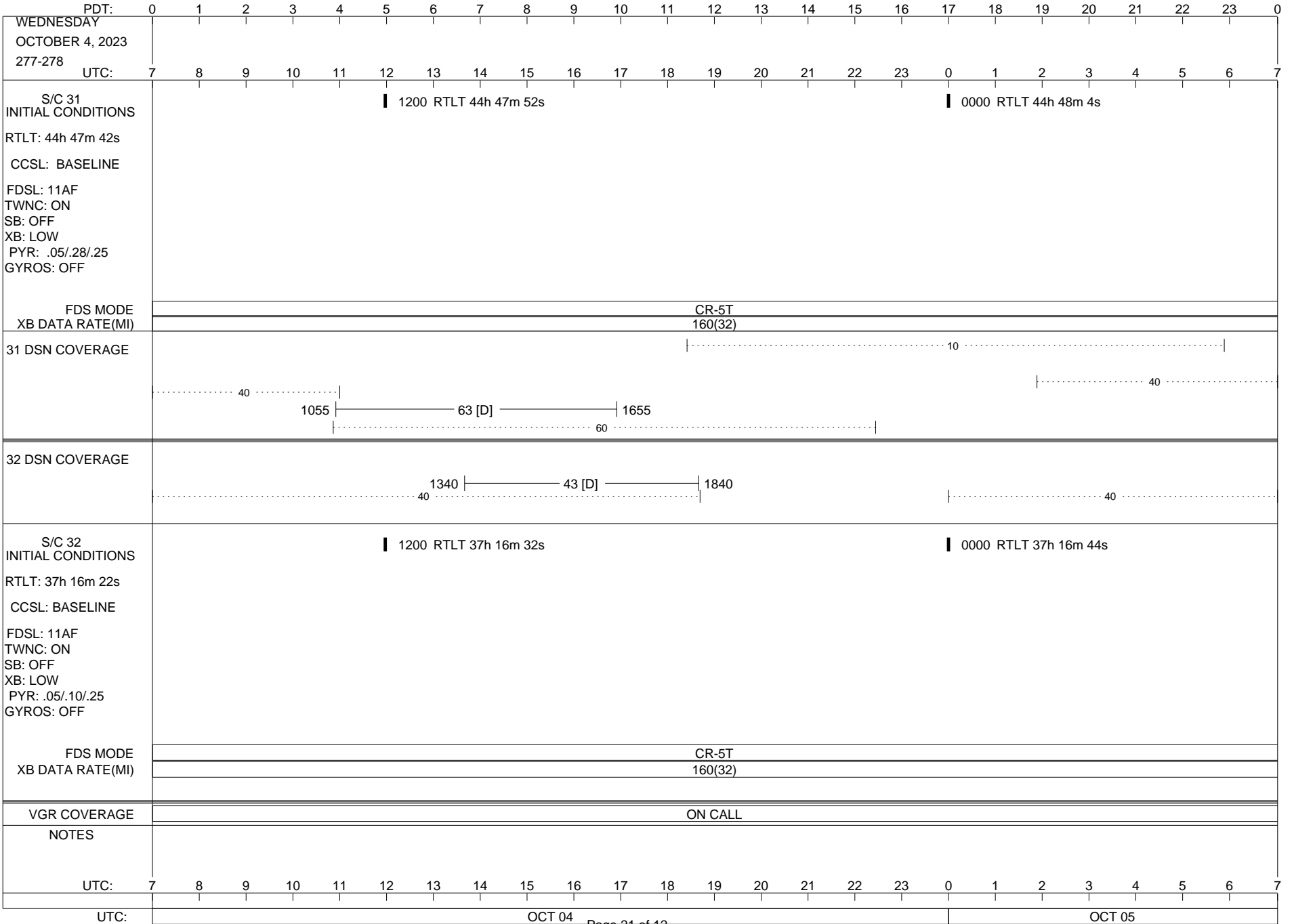
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	
SUNDAY OCTOBER 1, 2023 274-275																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 44h 46m 34s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.28/.25 GYROS: OFF	| 1200 RTLT 44h 46m 46s												| 0000 RTLT 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 RTLT: 37h 15m 16s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 37h 15m 26s												| 0000 RTLT 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: 09/27/23 09:39

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
TUESDAY OCTOBER 3, 2023 276-277																									
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 47m 18s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.28/.25 GYROS: OFF	1200 RTLT 44h 47m 30s												0000 RTLT 44h 47m 42s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	40												2045 | 14 [D] | 2230												
	1505 | 63 [D] | 1805												0115 | 14 [D] | 0550												
	60												40												
32 DSN COVERAGE	40												1345 | 43 [D] | 1845												
	40												40												
S/C 32 INITIAL CONDITIONS RTLT: 37h 16m 0s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 16m 10s												0000 RTLT 37h 16m 22s												
FDS MODE	CR-5T						EL-40						CR-5T												
XB DATA RATE(MI)	160(32)						40(30)						160(32)												
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	1548 | ----- | 1731 PRE-NDATA AACS FULMRO																								
	EL-40 1532*												↓ 1732 CR-5T												
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 03												OCT 04												

ISSUE DATE: 09/27/23 09:39

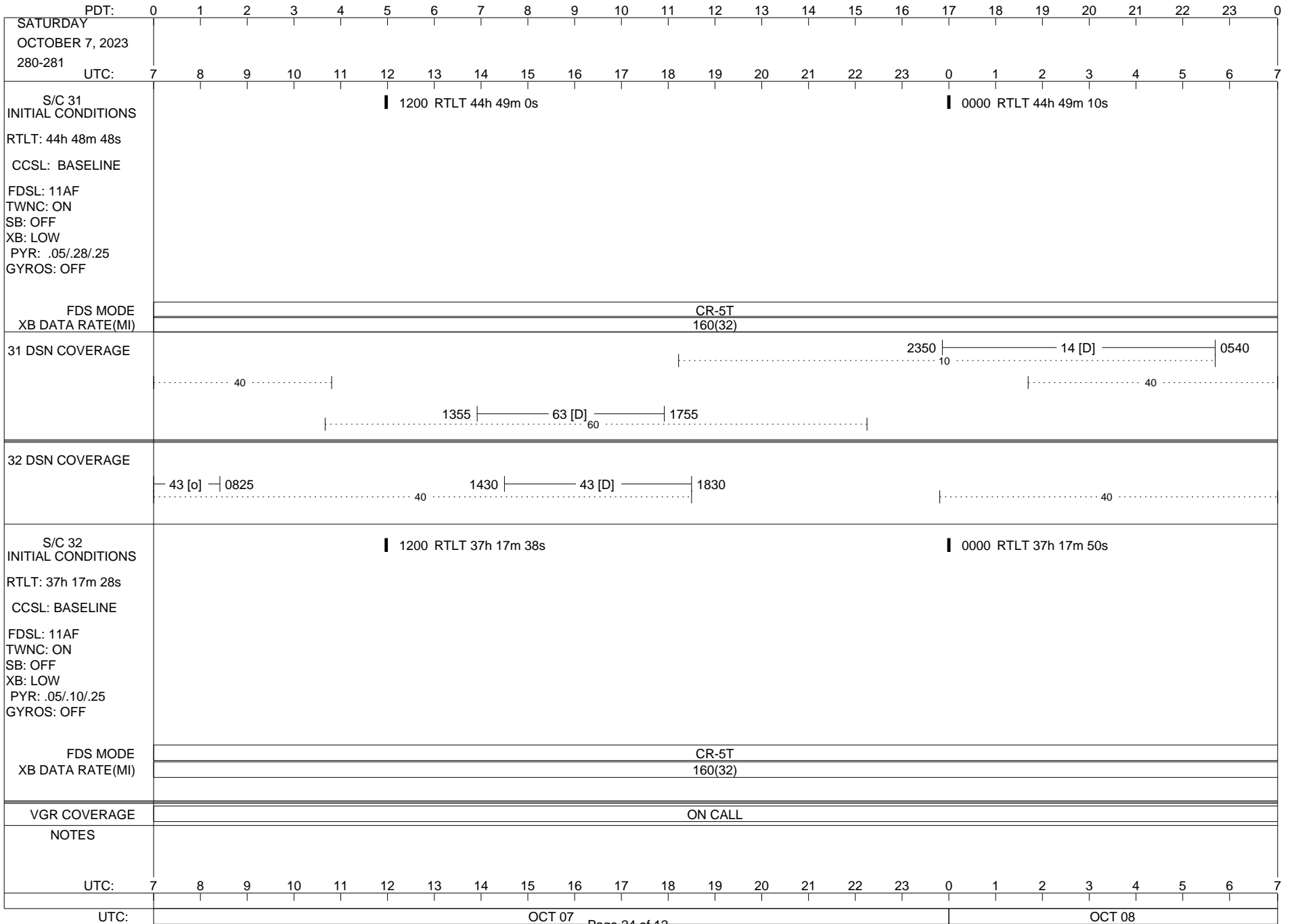


PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
THURSDAY OCTOBER 5, 2023 278-279	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 44h 48m 4s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.28/.25 GYROS: OFF	| 1200 RTLT 44h 48m 16s												| 0000 RTLT 44h 48m 26s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	|-----40-----|												|-----10-----|												
	|-----1500-----|-----63 [D]-----|-----2000-----|												|-----40-----|												
	|-----60-----|																								
32 DSN COVERAGE	|-----40-----|												|-----40-----|												
	|-----1345-----|-----43 [H1]-----|-----1835-----|																								
S/C 32 INITIAL CONDITIONS RTLT: 37h 16m 44s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 37h 16m 54s												| 0000 RTLT 37h 17m 6s												
	▼ 1434 NDATA #1 - DELINK UEPC (03:51)																								
	▼ 1514 AACS FULMRO (04:31)																								
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	[1] DSS-43 HPTXR DRV OFF <= 17:05																								
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 05												OCT 06												

ISSUE DATE: 09/27/23 09:39

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 OCTOBER 6, 2023 279-280																									
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 48m 26s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.28/.25 GYROS: OFF	| 1200 RTLT 44h 48m 38s												| 0000 RTLT 44h 48m 48s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	.....40.....|												1820 |----- 14 [D] -----| 2255 |----- 10 -----|												
	1050 |----- 63 [D] -----| 1545 |----- 60 -----|																								
32 DSN COVERAGE	1220 |----- 43 [D] -----| 1835 |----- 40 -----|												0325 |----- 43 [o] -----| |----- 40 -----|												
S/C 32 INITIAL CONDITIONS RTLT: 37h 17m 6s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 37h 17m 16s												| 0000 RTLT 37h 17m 28s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	ON CALL												VGR												
NOTES	[1] SC 32=EL-40 XB=40(30) @ 04:32 [2] SC 32=CR-5T XB=160(32) @ 06:32																								
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 06												OCT 07												

ISSUE DATE: 09/27/23 09:39



ISSUE DATE: 09/27/23 09:39

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 OCTOBER 8, 2023 281-282																										
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 49m 10s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.28/.25 GYROS: OFF	| 1200 RTLT 44h 49m 22s												| 0000 RTLT 44h 49m 32s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	.....40.....|												|.....10.....|													
	.....40.....|												|.....40.....|													
	.....1310|-----63 [D]|-----1710												|-----60-----|													
32 DSN COVERAGE	.....40.....|												|.....40.....|													
	.....1320|-----43 [D]|-----1720												|-----40-----|													
S/C 32 INITIAL CONDITIONS RTLT: 37h 17m 50s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 37h 18m 2s												| 0000 RTLT 37h 18m 12s													
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:	OCT 08													OCT 09												

ISSUE DATE: 09/27/23 09:39

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
MONDAY OCTOBER 9, 2023 282-283																									
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 49m 32s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.28/.25 GYROS: OFF	| 1200 RTLT 44h 49m 44s												| 0000 RTLT 44h 49m 54s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	.....40.....|												|.....40.....											
	.....1140|-----63 [D]-----|1710												|-----60-----|												
32 DSN COVERAGE	.....0930|-----43 [H1]-----|1820												|-----40-----											
S/C 32 INITIAL CONDITIONS RTLT: 37h 18m 12s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 37h 18m 24s												| 0000 RTLT 37h 18m 34s												
	▼ 1341 EL-40 (02:59)																								
	▼ 1403 CCSL B201 NDATA #2 MINI-SEQUENCE (03:21)																								
	▼ 1444 CCSTIM F/C (04:03)																								
	▼ 1530 CR-5T (04:49)																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	[1] DSS-43 HPTXR DRV OFF <= 16:50																								
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 09												OCT 10												