

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: November 23, 2022

For the Period: 11/24/22 to 12/12/22 (22/328 – 22/346)



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

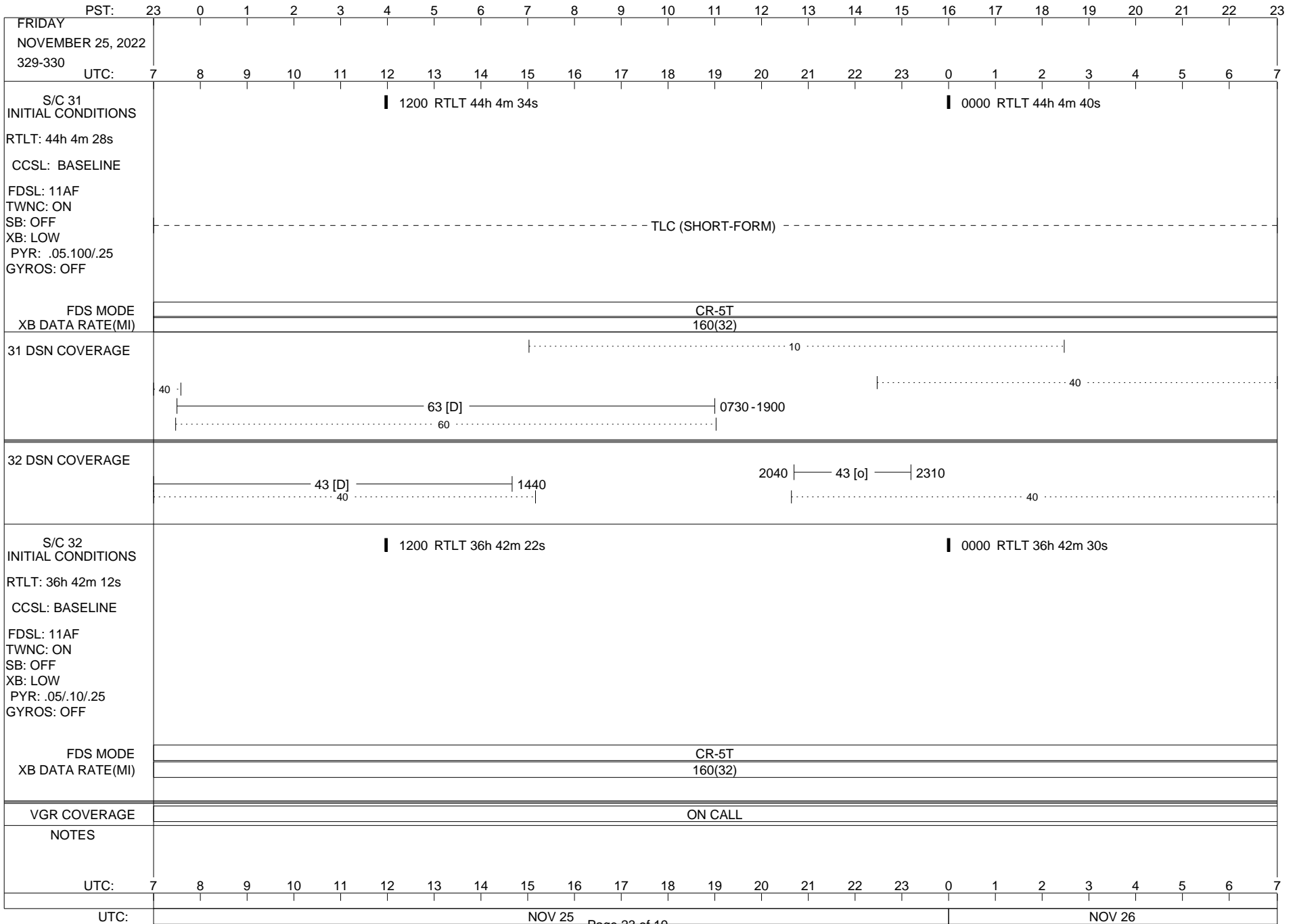
LEGEND:

- ▽ = 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

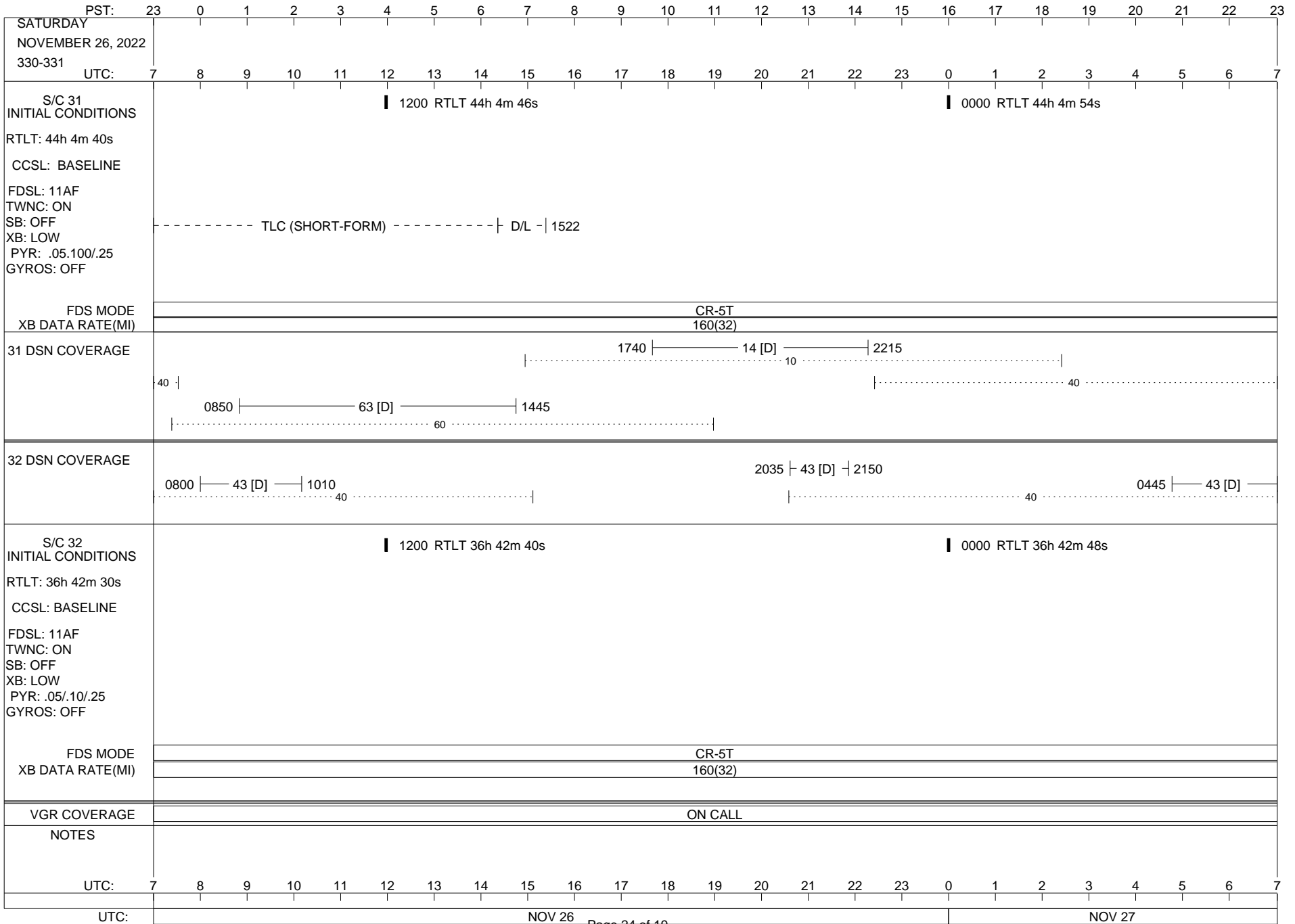
02/27/19

ISSUE DATE: 11/30/22 10:57

PST:	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
THURSDAY NOVEMBER 24, 2022 328-329	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 4m 14s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/100/.25 GYROS: OFF	1200 RTLTL 44h 4m 22s											0000 RTLTL 44h 4m 28s														
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																									
31 DSN COVERAGE	0740 43 [D] 1610 14 [T] 2010 10 0020 14 [D] 0230 40											60														
32 DSN COVERAGE	0825 43 [D] 1340 40											2040 43 [D] 2240 40 43 [D] 0610														
S/C 32 INITIAL CONDITIONS RTLTL: 36h 41m 52s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	1200 RTLTL 36h 42m 2s											0000 RTLTL 36h 42m 12s														
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																									
VGR COVERAGE	ON CALL											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:	NOV 24											NOV 25														



ISSUE DATE: 11/30/22 10:57



ISSUE DATE: 11/30/22 10:57

PST:	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
SUNDAY NOVEMBER 27, 2022 331-332																										
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 5m 0s												0000 RTLT 44h 5m 6s													
RTLT: 44h 4m 54s																										
CSSL: BASELINE																										
FDSL: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: LOW																										
PYR: .05/100/.25																										
GYROS: OFF																										
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	<p>1655 ----- 14 [D] ----- 2015</p> <p>40 ----- 40</p> <p>63 [D] ----- 0720-1700</p> <p>60</p>																									
32 DSN COVERAGE	<p>43 [D] ----- 0950</p> <p>40</p> <p>2055 ----- 43 [B] ----- 0220</p> <p>40</p>																									
S/C 32 INITIAL CONDITIONS	1200 RTLT 36h 42m 58s												0000 RTLT 36h 43m 8s													
RTLT: 36h 42m 48s																										
CSSL: 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												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:	NOV 27												Page 25 of 19						NOV 28							

ISSUE DATE: 11/30/22 10:57

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

MONDAY
NOVEMBER 28, 2022
332-333
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 5m 6s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05.100/.25
GYROS: OFF

1200 RTLT 44h 5m 12s

0000 RTLT 44h 5m 18s

FDS MODE
XB DATA RATE(MI) CR-5T
160(32)

31 DSN COVERAGE
40
63 [D] 0720-1100
60

32 DSN COVERAGE
40
2145 43 [D] 0235
0440 43 [D]
40

S/C 32
INITIAL CONDITIONS
RTLT: 36h 43m 8s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 36h 43m 16s

0000 RTLT 36h 43m 26s

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: NOV 28 Page 26 of 19 NOV 29

ISSUE DATE: 11/30/22 10:57

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

TUESDAY
NOVEMBER 29, 2022
333-334
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 5m 18s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/100/.25
GYROS: OFF

1200 RTLT 44h 5m 24s
0000 RTLT 44h 5m 30s
0020 | 0021 PWS/RH
A125B PLAYBACK MINI-SEQUENCE (22:44) 0238▼
CCSTIM F/C (23:25) 0320▼
U/L 0920 | - | - - - - - TLC (SHORT-FORM) - - - - -
↓ 0020 GS-4B 0021

FDS MODE CR-5T CR-5T
XB DATA RATE(MI) 160(32) 160(32)

31 DSN COVERAGE
| 40
| 63 [T] | 0715-1445
| 60

.....| 10|
0040 | 43 [H] | 0335
.....| 40

32 DSN COVERAGE
| 43 [D] | 0835
| 1355 | 43 [D] | 1455
| 40

2100 | 43 [D] | 2320
.....| 40 0420 | 43 [D] |

S/C 32
INITIAL CONDITIONS
RTLTL: 36h 43m 26s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/10/.25
GYROS: OFF

1200 RTLT 36h 43m 34s
0000 RTLT 36h 43m 44s

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: NOV 29 NOV 30

ISSUE DATE: 11/30/22 10:57

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

WEDNESDAY
NOVEMBER 30, 2022
334-335
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 5m 30s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/100/.25
GYROS: OFF

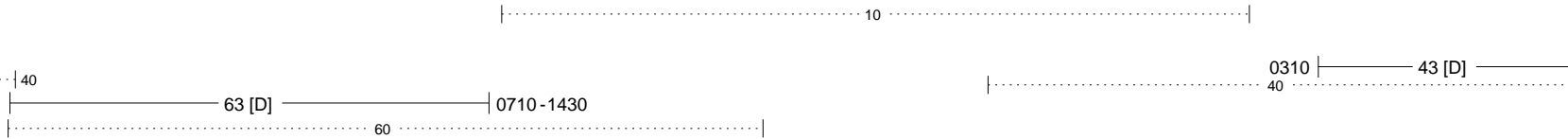
1200 RTLT 44h 5m 36s 0000 RTLT 44h 5m 42s

TLC (SHORT-FORM) -0653 D/L -

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLT: 36h 43m 44s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/10/.25
GYROS: OFF

1200 RTLT 36h 43m 52s 0000 RTLT 36h 44m 2s

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: NOV 30 DEC 01

ISSUE DATE: 11/30/22 10:57

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

THURSDAY
DECEMBER 1, 2022
335-336
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 5m 42s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05.100/.25
GYROS: OFF

1200 RTLT 44h 5m 48s

0000 RTLT 44h 5m 52s

*
2258 | 2318 A125BB CHKSUM

*
2326 | 2334 FINE
0026 || 0029 COARSE

FDS MODE
XB DATA RATE(MI) CR-5T
160(32)

31 DSN COVERAGE
0710 43 [D]
40
2230 43 [D1] 0435
40
60

32 DSN COVERAGE
0810 43 [o] 1130
40
2020 43 [D] 2140
40
0520 43 [D]
40

S/C 32
INITIAL CONDITIONS
RTLT: 36h 44m 2s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 36h 44m 10s

0000 RTLT 36h 44m 18s

FDS MODE
XB DATA RATE(MI) CR-5T
160(32)

VGR COVERAGE ON CALL VGR ON CALL

NOTES
[1] A125B BACKUP U/L TRACK

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: DEC 01 DEC 02

ISSUE DATE: 11/30/22 10:57

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

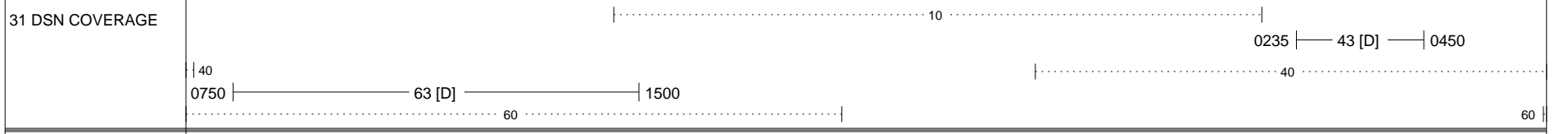
FRIDAY
DECEMBER 2, 2022
336-337
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

S/C 31
INITIAL CONDITIONS
RTLT: 44h 5m 52s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/100/.25
GYROS: OFF

1200 RTLT 44h 5m 58s

0000 RTLT 44h 6m 4s

FDS MODE
XB DATA RATE(MI) CR-5T
160(32)



S/C 32
INITIAL CONDITIONS
RTLT: 36h 44m 18s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/10/.25
GYROS: OFF

1200 RTLT 36h 44m 28s

0000 RTLT 36h 44m 36s

FDS MODE
XB DATA RATE(MI) CR-5T
160(32)

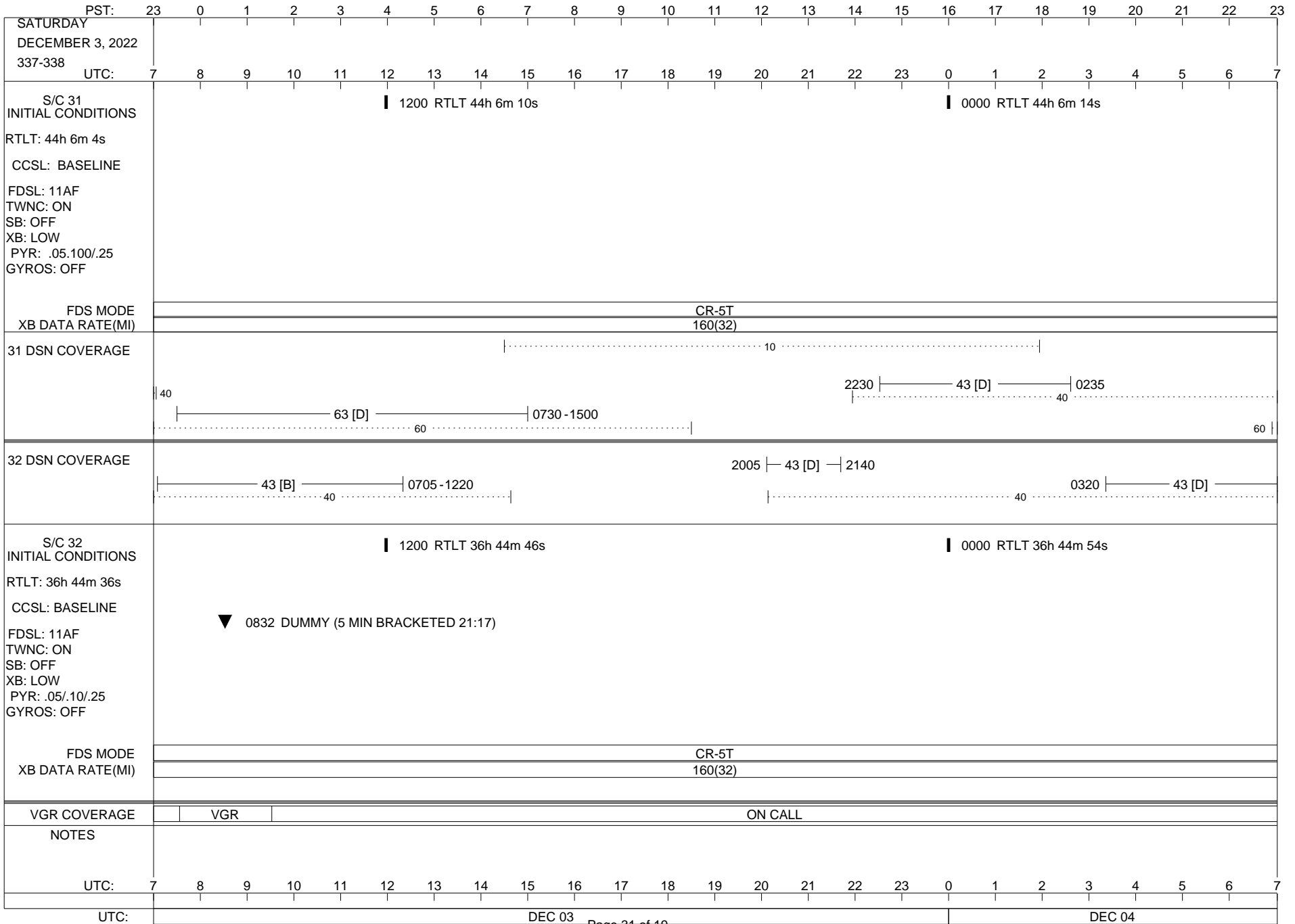
VGR COVERAGE ON CALL

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: DEC 02 Page 30 of 19 DEC 03

ISSUE DATE: 11/30/22 10:57



ISSUE DATE: 11/30/22 10:57

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

SUNDAY
DECEMBER 4, 2022
338-339

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 6m 14s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05.100/.25
GYROS: OFF

1200 RTLT 44h 6m 20s

0000 RTLT 44h 6m 26s

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLTL: 36h 44m 54s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 36h 45m 2s

0000 RTLT 36h 45m 10s

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE

ON CALL

NOTES

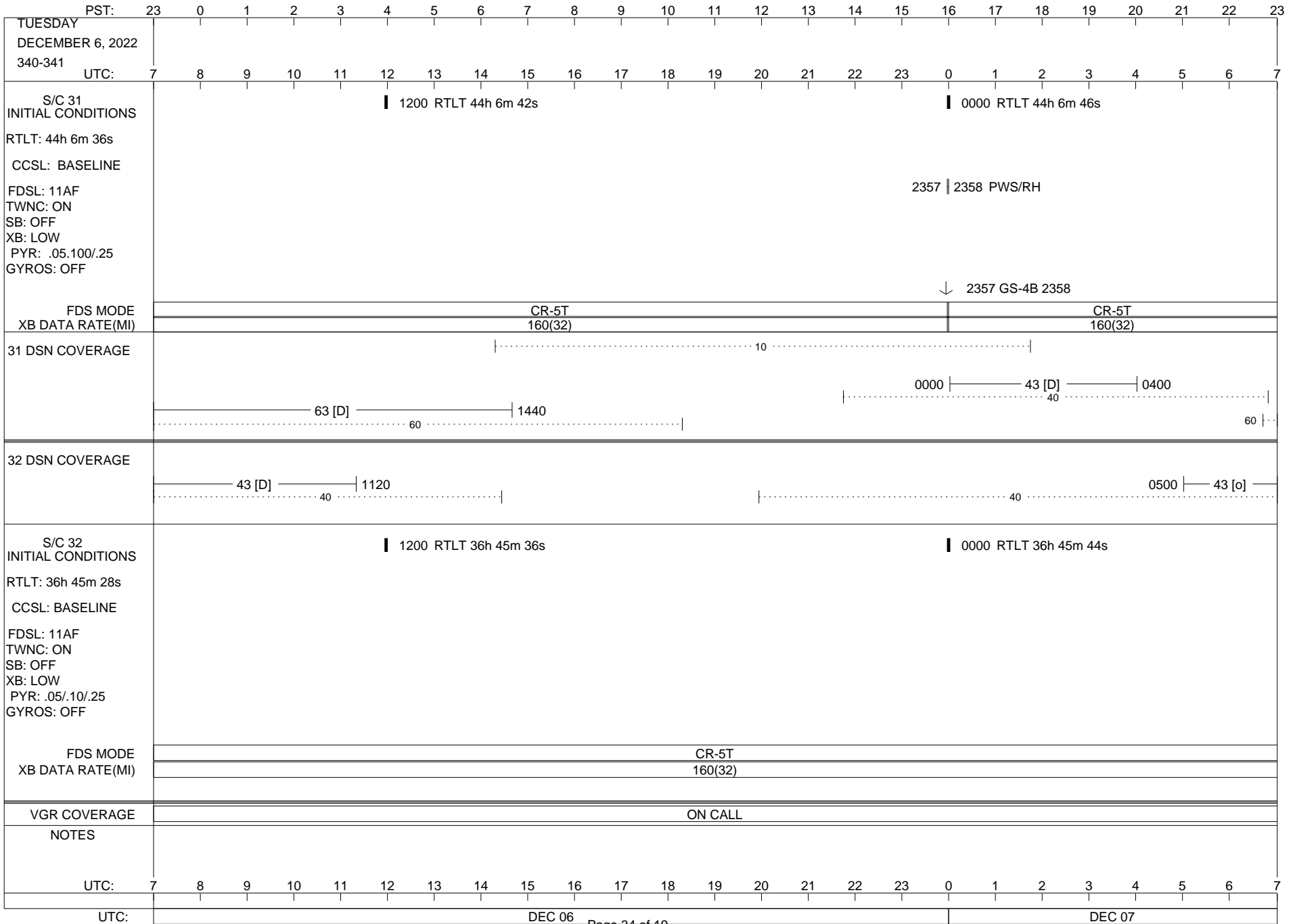
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

UTC: DEC 04 Page 32 of 19 DEC 05

ISSUE DATE: 11/30/22 10:57

PST:	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
MONDAY DECEMBER 5, 2022 339-340	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 6m 26s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05.100/.25 GYROS: OFF	1200 RTLT 44h 6m 30s											0000 RTLT 44h 6m 36s														
FDS MODE XB DATA RATE(MI)												CR-5T 160(32)														
31 DSN COVERAGE	63 [D] 0700-1145											63 [D] 0650														
32 DSN COVERAGE	0755 43 [D] 1155											0530 43 [D]														
S/C 32 INITIAL CONDITIONS RTLT: 36h 45m 10s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 45m 20s											0000 RTLT 36h 45m 28s														
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:	DEC 05											DEC 06														

ISSUE DATE: 11/30/22 10:57



ISSUE DATE: 11/30/22 10:57

PST:	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
WEDNESDAY DECEMBER 7, 2022 341-342																										
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>S/C 31 INITIAL CONDITIONS RTLT: 44h 6m 46s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/100/.25 GYROS: OFF</p> <p style="text-align: center;">1200 RTLT 44h 6m 52s 0000 RTLT 44h 6m 56s</p> <p style="text-align: center;">1605 ---- MAGCAL ---- 1915 1605 ----- PESCAL ----- 1933 2304 TAPPOS - 0042</p> <hr/> <p>FDS MODE CR-5T XB DATA RATE(MI) 160(32)</p> <hr/> <p>31 DSN COVERAGE</p> <p style="text-align: center;">60 ----- 60</p> <p style="text-align: center;">1600 63 [D] 1700 2140 ----- 43 [D] ----- 0140</p> <p style="text-align: right;">63 [DA] 0645 </p> <hr/> <p>32 DSN COVERAGE</p> <p style="text-align: center;">40 ----- 43 [o] ----- 1400 1950 43 [D] 2050</p> <p style="text-align: right;">0225 ----- 43 [D] ----- </p> <hr/> <p>S/C 32 INITIAL CONDITIONS RTLT: 36h 45m 44s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF</p> <p style="text-align: center;">1200 RTLT 36h 45m 52s 0000 RTLT 36h 46m 0s</p> <hr/> <p>FDS MODE CR-5T XB DATA RATE(MI) 160(32)</p> <hr/> <p>VGR COVERAGE ON CALL</p> <hr/> <p>NOTES</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: DEC 07																		DEC 08								

ISSUE DATE: 11/30/22 10:57

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

THURSDAY
DECEMBER 8, 2022
342-343

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 6m 56s
 CCSL: BASELINE
 FDSL: 11AF
 TWNC: ON
 SB: OFF
 XB: LOW
 PYR: .05/100/.25
 GYROS: OFF

1200 RTLT 44h 7m 2s
 0000 RTLT 44h 7m 6s

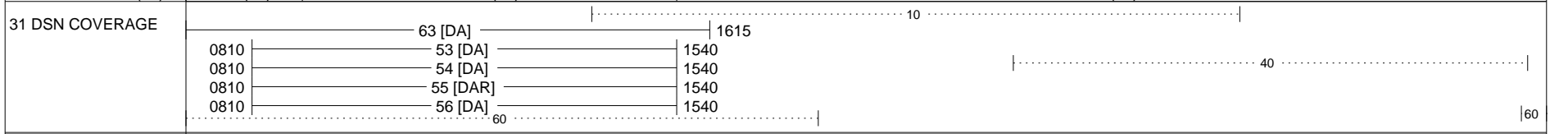
↓ 0826 BAY 1 HTR OFF
 ↓ 0830 X/B HI POWER
 ↓ 0852 YAW=.05

0903 |-----| PLAYBACK -----| 1539

↓ 1543 X/B LOW POWER
 ↓ 1547 BAY 1 HTR ON
 ↓ 1548 YAW=.10

↓ 0903 PB-14 0903
 ↓ 1539 CR-5T 1539

FDS MODE	CR-5T	PB-14	CR-5T
XB DATA RATE(MI)	160(32)	1.4K(39)	160(32)



S/C 32
INITIAL CONDITIONS
 RTLT: 36h 46m 0s
 CCSL: BASELINE
 FDSL: 11AF
 TWNC: ON
 SB: OFF
 XB: LOW
 PYR: .05/10/.25
 GYROS: OFF

1200 RTLT 36h 46m 10s
 0000 RTLT 36h 46m 18s

FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)

VGR COVERAGE	VGR	ON CALL
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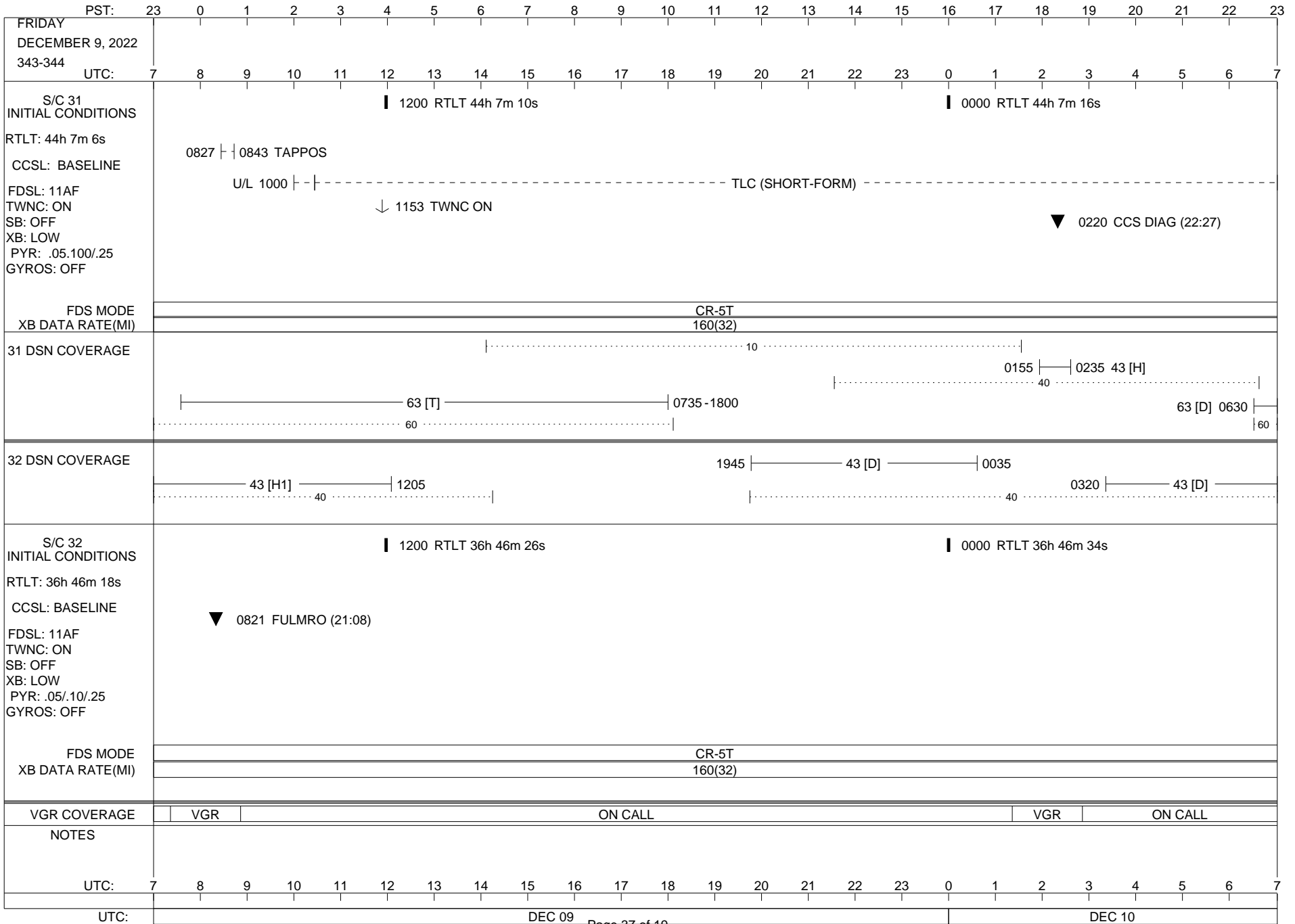
NOTES

[1] HP TXR DRV ON >= 21:13 AND OFF <= 12:48

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: DEC 08 Page 36 of 19 DEC 09

ISSUE DATE: 11/30/22 10:57



ISSUE DATE: 11/30/22 10:57

PST:	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
SATURDAY DECEMBER 10, 2022 344-345	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 7m 16s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/100/.25 GYROS: OFF	1200 RTLTL 44h 7m 20s											0000 RTLTL 44h 7m 24s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	----- 10											----- 40													
	63 [D] ----- 1555											63 [D] 0625													
	60											60													
32 DSN COVERAGE	43 [D] ----- 1225											2030 ----- 43 [D]													
	40											40													
S/C 32 INITIAL CONDITIONS RTLTL: 36h 46m 34s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	1200 RTLTL 36h 46m 42s											0000 RTLTL 36h 46m 50s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)											EL-40 2109↓													
												↓ 0354 CR-5T													
VGR COVERAGE	ON CALL											VGR													
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:	DEC 10											DEC 11													

ISSUE DATE: 11/30/22 10:57

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

SUNDAY
DECEMBER 11, 2022
345-346
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 7m 24s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05.100/.25
GYROS: OFF
--| 0735 D/L

1200 RTLT 44h 7m 30s

0000 RTLT 44h 7m 34s

FDS MODE
XB DATA RATE(MI) CR-5T
160(32)

31 DSN COVERAGE
63 [D] 1025
2200 43 [D] 0000
63 [D] 0625
60

32 DSN COVERAGE
43 [D] 0845
0045 43 [D] 0545
40

S/C 32
INITIAL CONDITIONS
RTLT: 36h 46m 50s
CCSL: BASELINE
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 36h 46m 58s

0000 RTLT 36h 47m 6s

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: DEC 11 DEC 12

ISSUE DATE: 11/30/22 10:57

PST:	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
MONDAY DECEMBER 12, 2022 346-347	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 7m 34s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/100/.25 GYROS: OFF	1200 RTLT 44h 7m 38s												0000 RTLT 44h 7m 42s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	63 [D] 1430												2120 43 [D] 0305 40 60												
32 DSN COVERAGE	40												0405 43 [B] 40												
S/C 32 INITIAL CONDITIONS RTLTL: 36h 47m 6s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	1200 RTLT 36h 47m 12s												0000 RTLT 36h 47m 20s												
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:	DEC 12												DEC 13												