

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: February 14, 2018

For the Period: 02/15/18 to 03/05/18 (18/046 – 18/064)

| DSN OPSCHIEF | 230-102 | SCIENCE | FLIGHT TEAM | 600-100 |
|--------------|---------|--|---|---------|
| DSOT | 230-102 | CRS bryant@mail630.gsfc.nasa.gov LECP r.decker@jhuapl.edu MAG u2mha@lepvax.gsfc.nasa.gov PLS vgr@space.mit.edu PWS wsk@space.physics.uiowa.edu Leonard.F.Burlaga@nasa.gov Donald-Gurnett@uiowa.edu | Dodd, S. Hall, J. Howard, S. Ko, A. Ledeboer, W. Ludwig, R. Matsumoto, S. Medina, E. Peralta, F. Weeks, T. Yang, L. | |

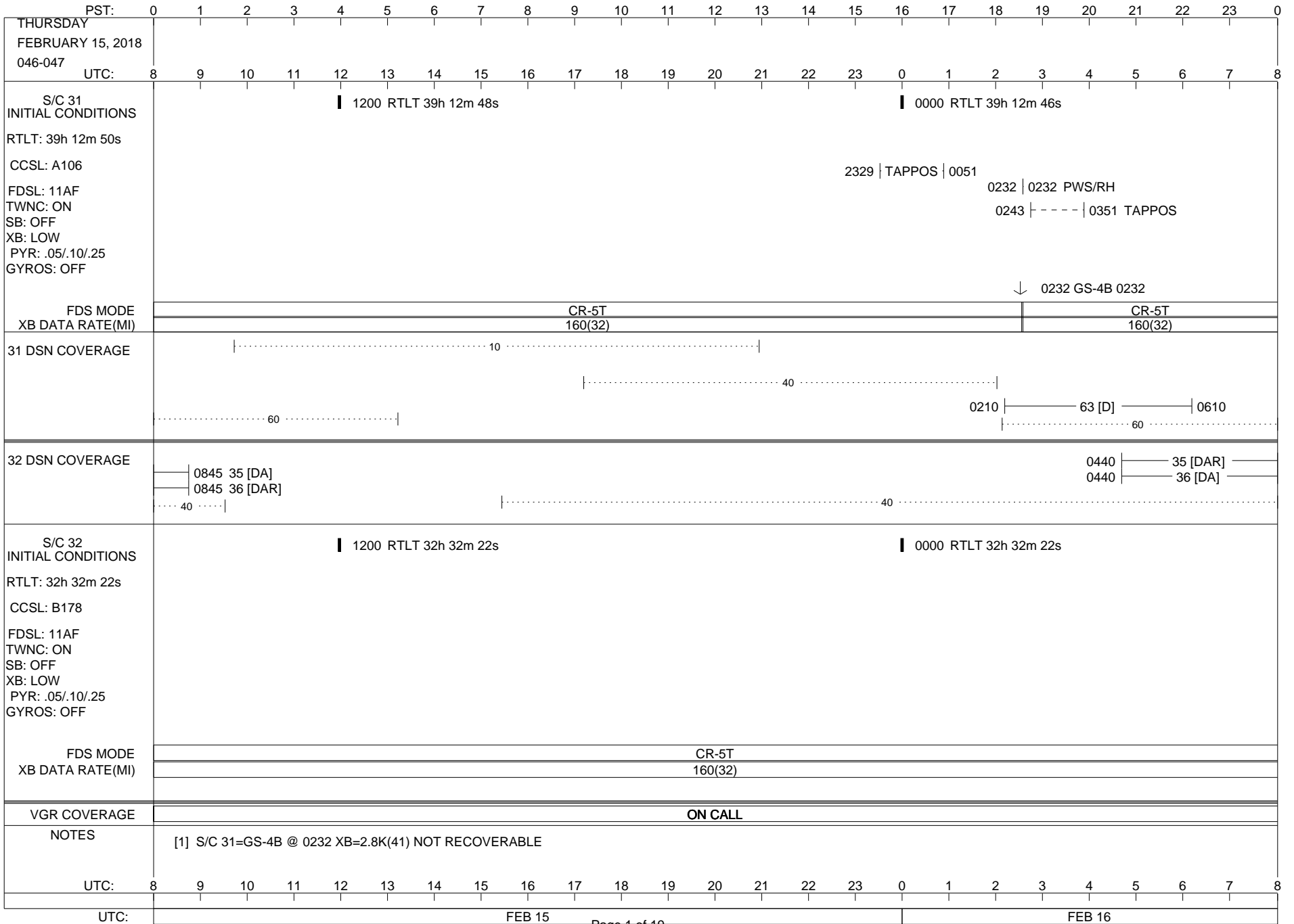
LEGEND:

- ∇ = 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

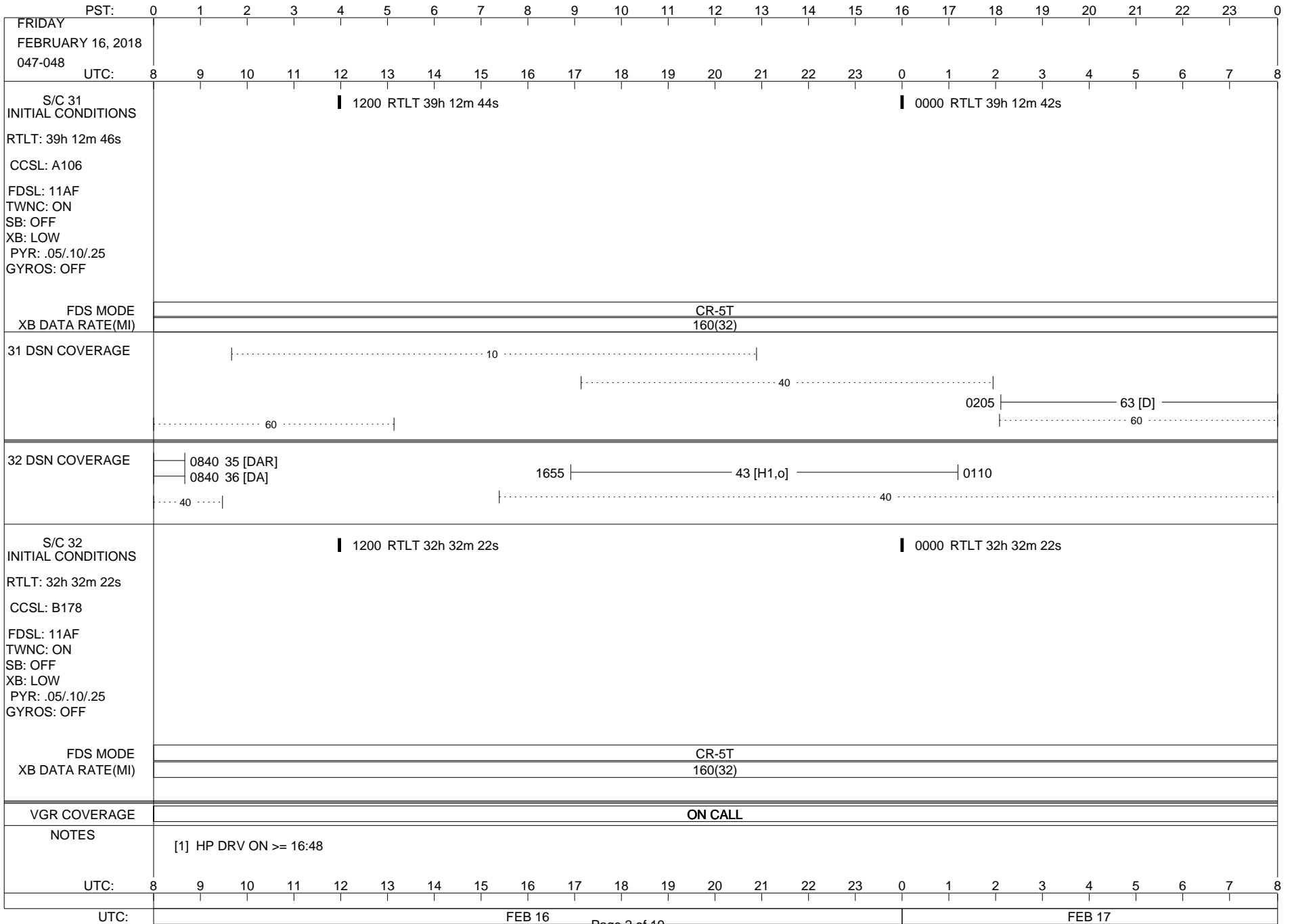
Posted at http://voyager.jpl.nasa.gov/mission/soesfos/tracking_schedule.html

02/27/17

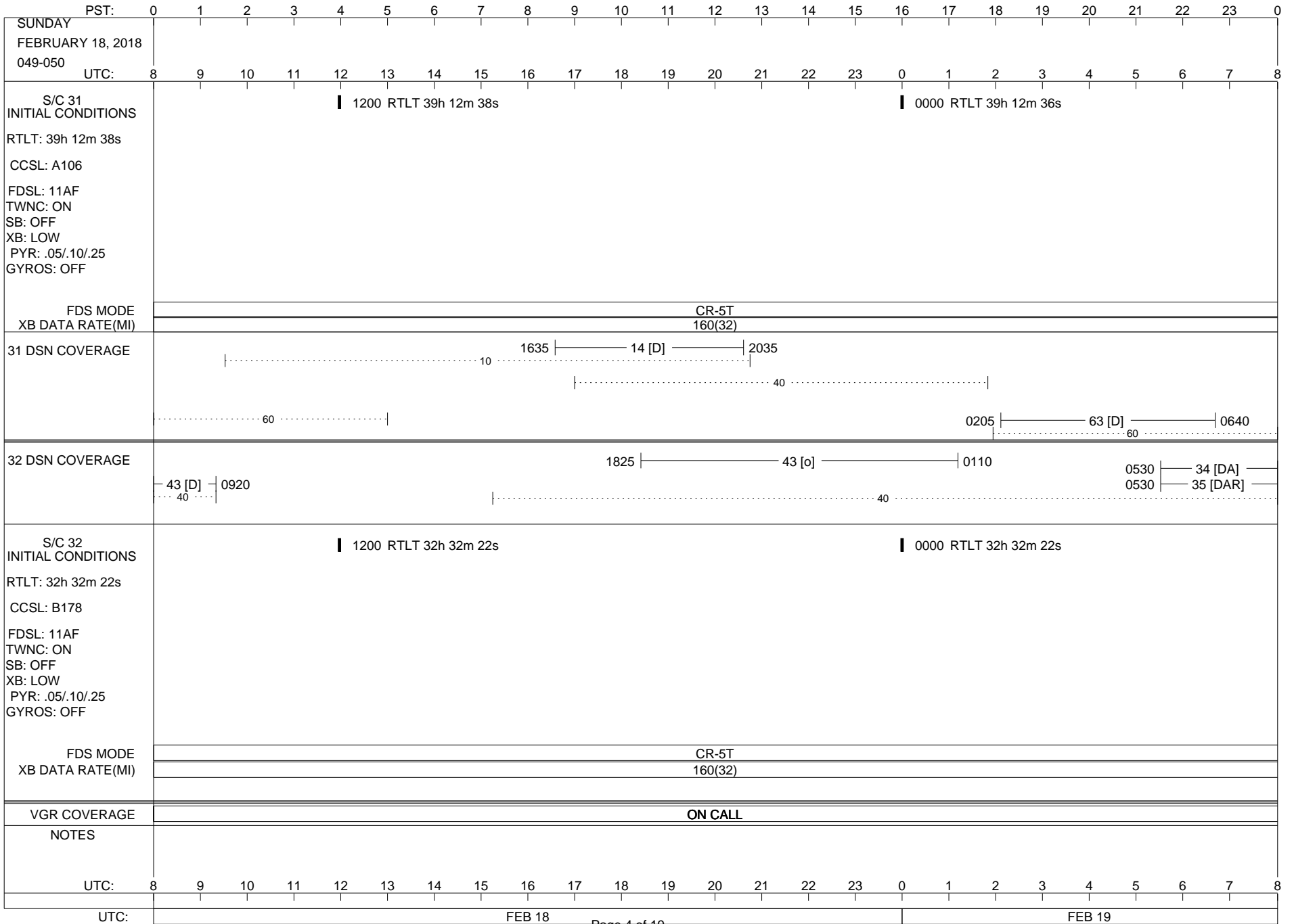
ISSUE DATE: 02/21/18 09:04



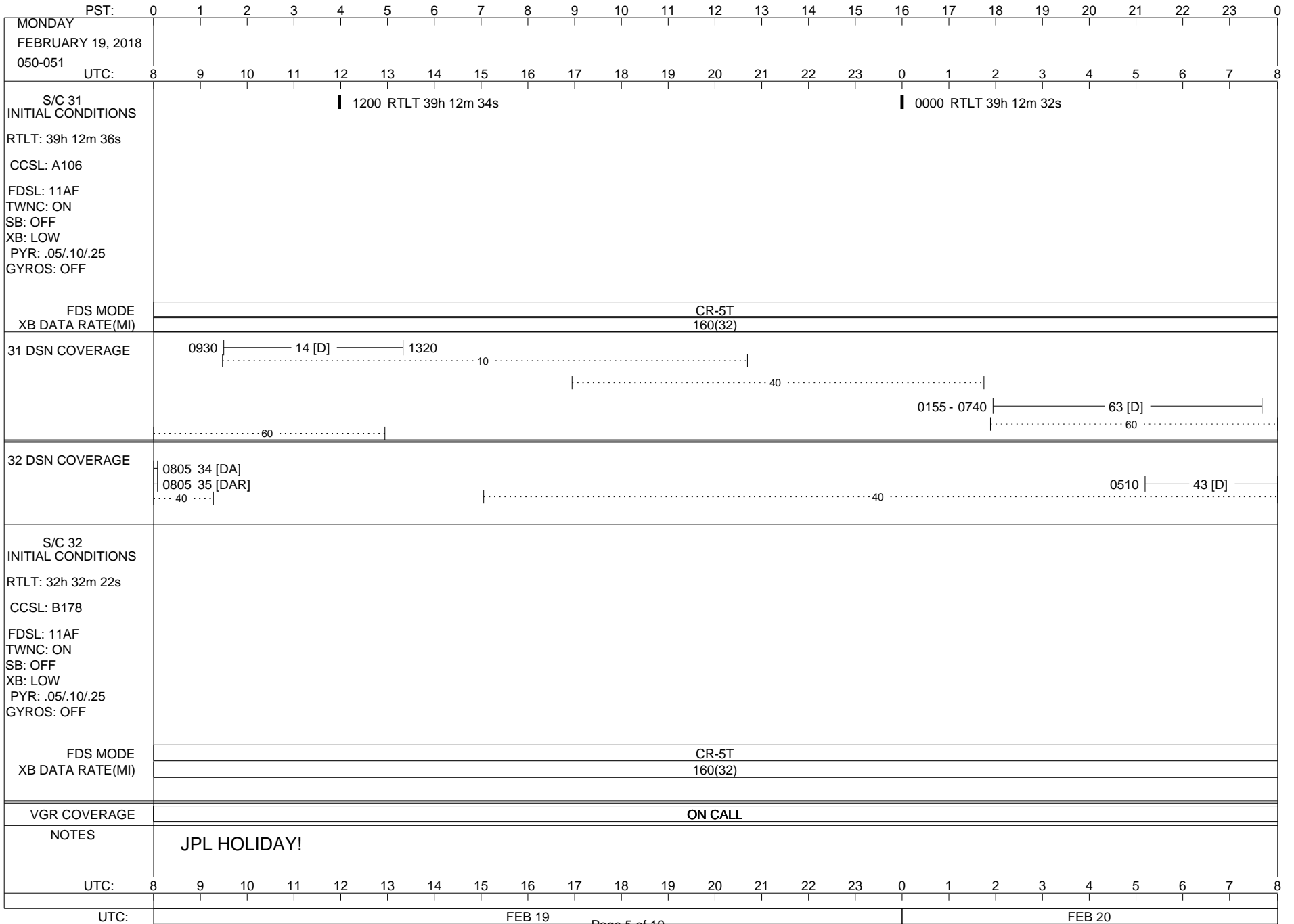
ISSUE DATE: 02/21/18 09:04



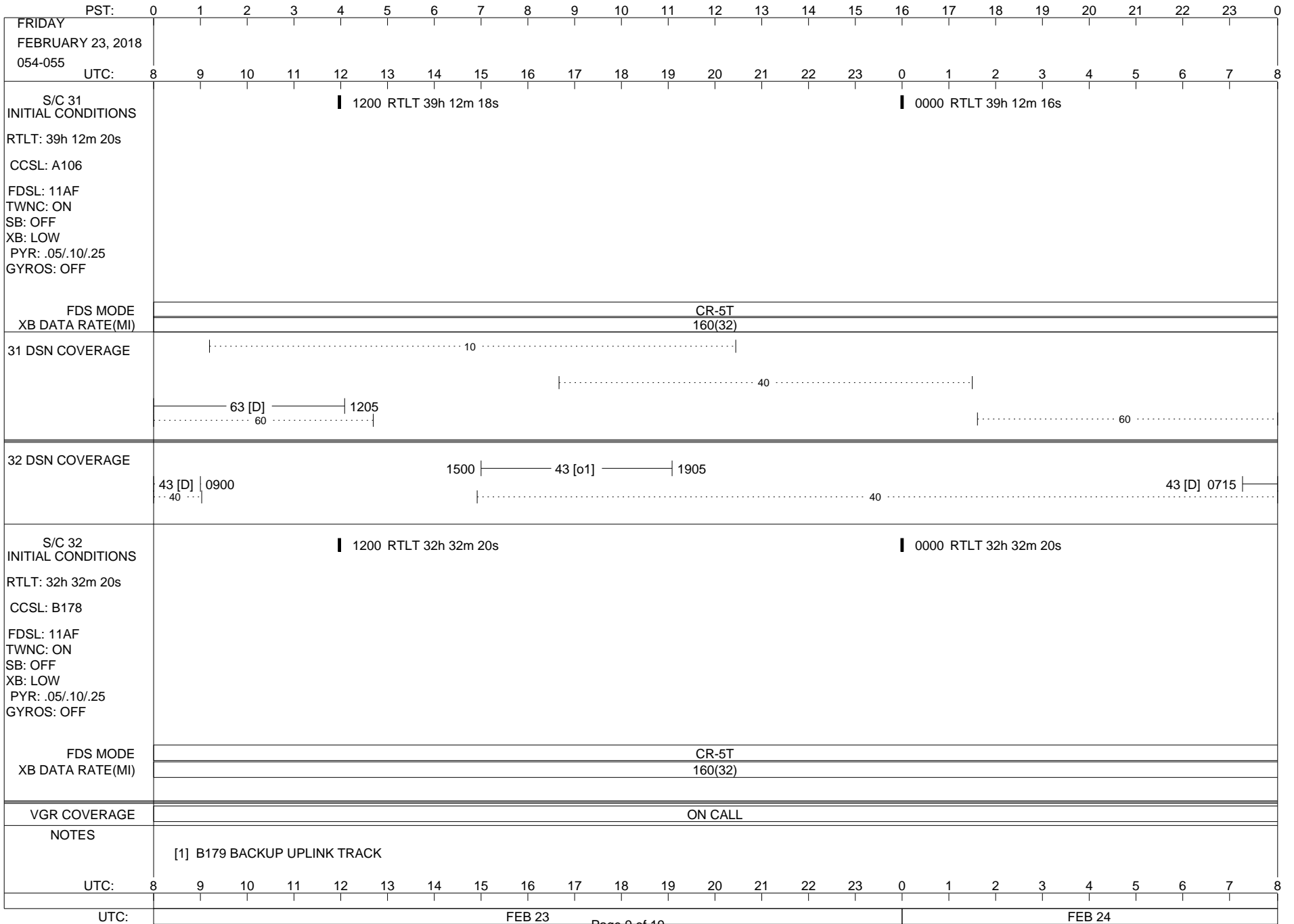
ISSUE DATE: 02/21/18 09:04



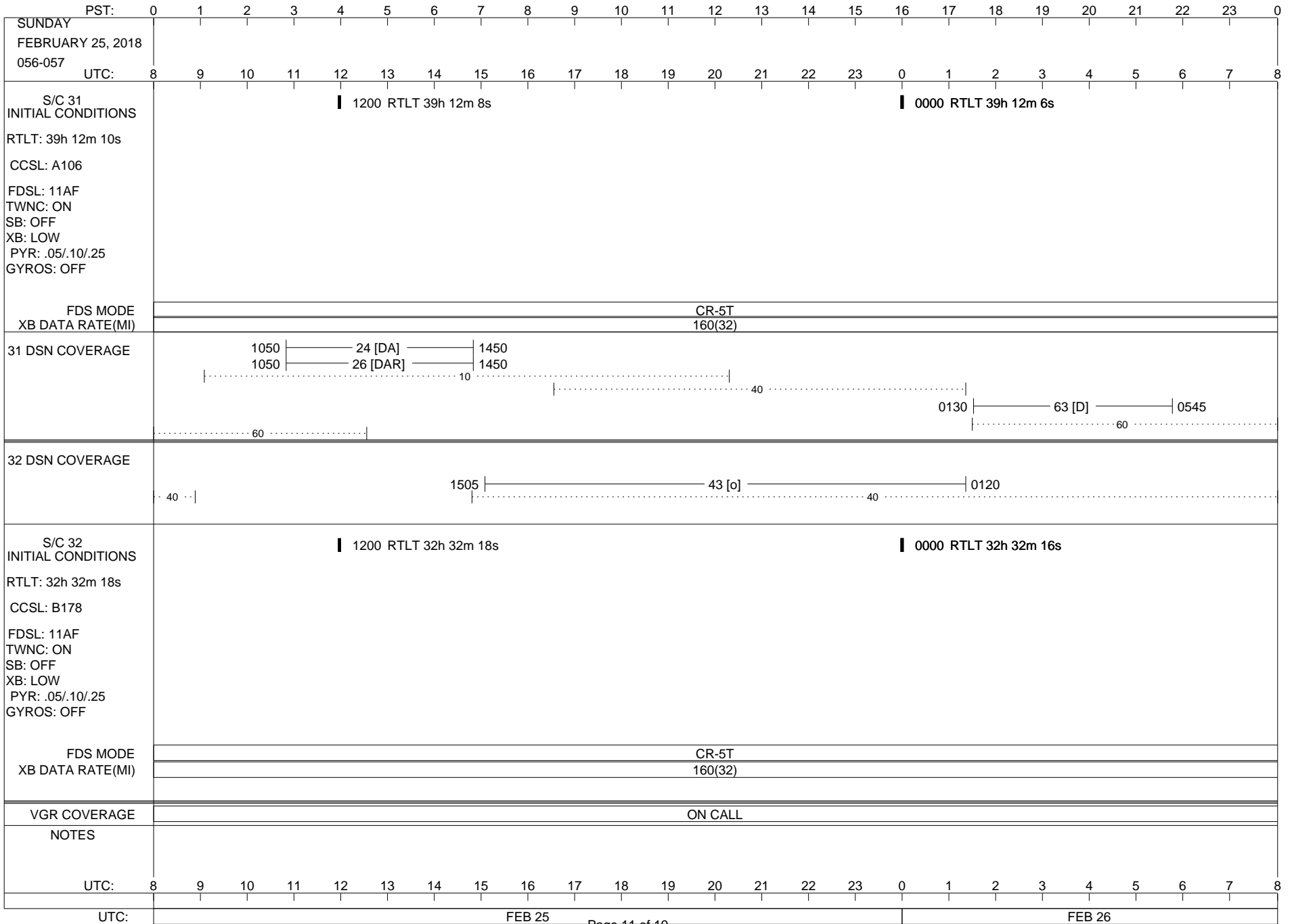
ISSUE DATE: 02/21/18 09:04



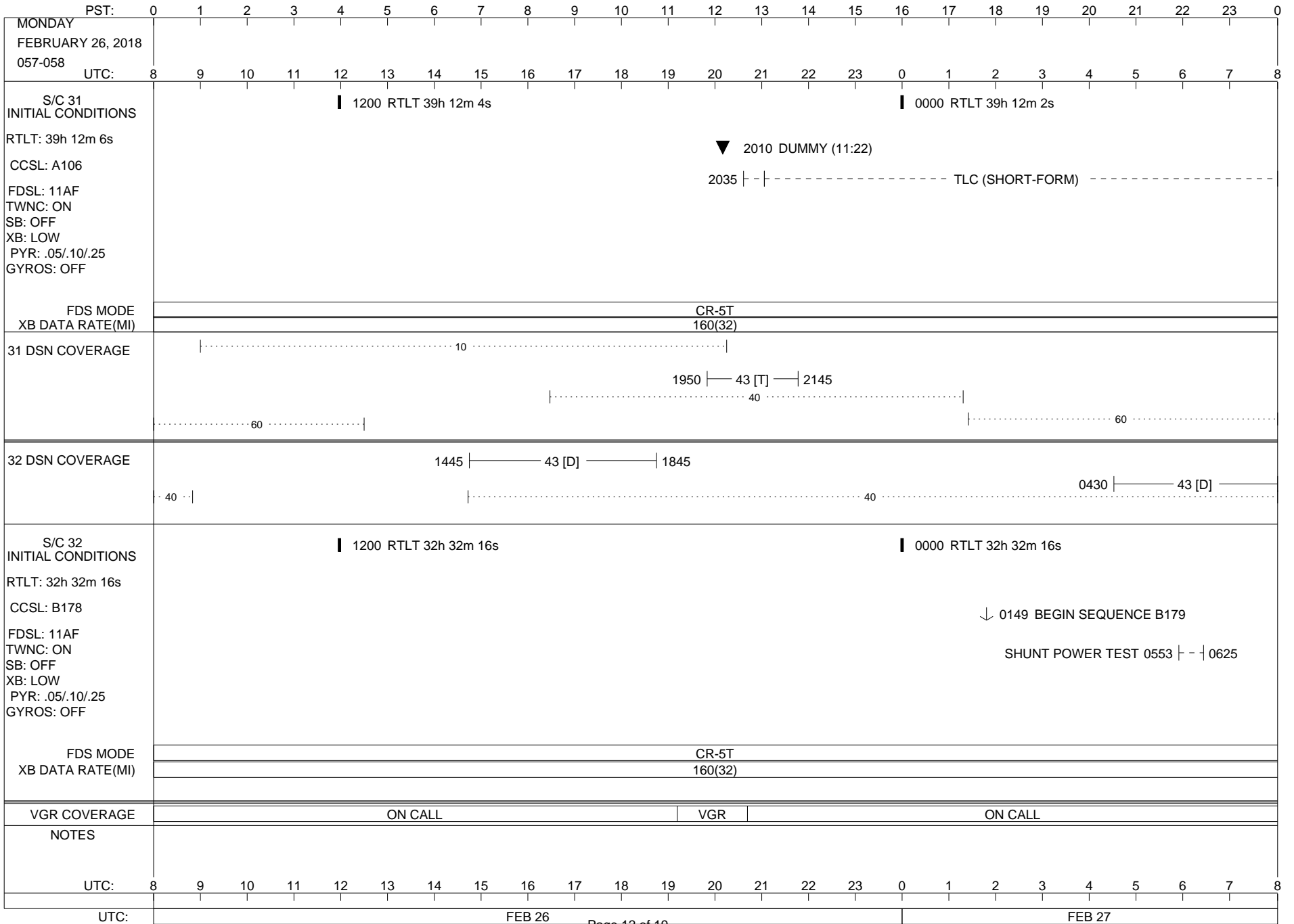
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ISSUE DATE: 02/21/18 09:04

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|--|---|------------------------------|------------------|------------------|------------------|
| PST: 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 FEBRUARY 27, 2018 058-059 | | | | | |
| UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8 | | | | | |
| S/C 31 INITIAL CONDITIONS RTLTL: 39h 12m 2s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | <div style="display: flex; justify-content: space-between;"> <div>█ 1200 RTLTL 39h 12m 0s</div> <div>█ 0000 RTLTL 39h 11m 58s</div> </div> <p style="text-align: center;">----- TLC (SHORT-FORM) -----</p> <p style="text-align: center;">1930 1931 PWS/RH</p> <p style="text-align: center;">↓ 1930 GS-4B 1931</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">FDS MODE XB DATA RATE(MI)</td> <td style="width: 50%; text-align: center;">CR-5T 160(32)</td> </tr> <tr> <td style="width: 50%; text-align: center;">CR-5T 160(32)</td> <td style="width: 50%; text-align: center;">CR-5T 160(32)</td> </tr> </table> | FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | CR-5T 160(32) | CR-5T 160(32) |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | |
| CR-5T 160(32) | CR-5T 160(32) | | | | |
| 31 DSN COVERAGE | <p>0900 ----- 14 [D] ----- 1300</p> <p style="margin-left: 20px;"> ----- 10 ----- </p> <p style="margin-left: 200px;"> ----- 40 ----- </p> <p style="margin-left: 100px;"> ----- 60 ----- </p> | | | | |
| 32 DSN COVERAGE | <p>0845 ----- 43 [D] ----- 0425</p> <p style="margin-left: 20px;"> ----- 40 ----- </p> | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 32h 32m 16s CCSL: B179 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | <div style="display: flex; justify-content: space-between;"> <div>█ 1200 RTLTL 32h 32m 14s</div> <div>█ 0000 RTLTL 32h 32m 14s</div> </div> | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | |
| VGR COVERAGE | ON CALL | | | | |
| NOTES | [1] S/C 31=GS-4B @ 1930 XB=2.8K(41) NOT RECOVERABLE | | | | |
| UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8 | | | | | |
| UTC: FEB 27 FEB 28 | | | | | |

ISSUE DATE: 02/21/18 09:04

PST: 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

FEBRUARY 28, 2018

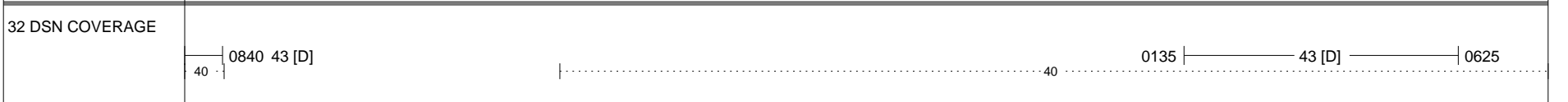
059-060 UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

S/C 31
 INITIAL CONDITIONS
 RTLT: 39h 11m 58s
 CCSL: A106
 FDSL: 11AF
 TWNC: ON
 SB: OFF
 XB: LOW
 PYR: .05/.10/.25
 GYROS: OFF

1200 RTLT 39h 11m 56s
 0000 RTLT 39h 11m 54s

TLC (SHORT-FORM) ---| D/L -| 1315
 1121 |---- MAGCAL ----| 1423
 1121 |----- PESCAL -----| 1441

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



S/C 32
 INITIAL CONDITIONS
 RTLT: 32h 32m 14s
 CCSL: B179
 FDSL: 11AF
 TWNC: ON
 SB: OFF
 XB: LOW
 PYR: .05/.10/.25
 GYROS: OFF

1200 RTLT 32h 32m 12s
 0000 RTLT 32h 32m 12s

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

VGR COVERAGE ON CALL

NOTES

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

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

ISSUE DATE: 02/21/18 09:04

| PST: | 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 MARCH 1, 2018 060-061 | UTC: | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| S/C 31 INITIAL CONDITIONS RTLT: 39h 11m 54s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | | | | | | 1200 | | | | | | | | | | | | 0000 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 DSN COVERAGE | | 0850 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 32h 32m 12s CCSL: B179 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | | | | | | 1200 | | | | | | | | | | | | 0000 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VGR COVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTES | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTC: | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| UTC: | | | | | | | | | | | | | | | | | | | | | | | | | | |

ISSUE DATE: 02/21/18 09:04

| | PST: | 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 MARCH 2, 2018 061-062 | UTC: | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | | | | | |
| S/C 31 INITIAL CONDITIONS RTLT: 39h 11m 50s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | | | | | | █ 1200 RTLT 39h 11m 48s | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 DSN COVERAGE | | 0845 | ----- 14 [D] ----- | | | | | | | | | | 1535 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | ----- 10 ----- | | | | | | | | | | | ----- 40 ----- | | | | | | | | | | | | | | | | | | | | | | |
| | | | ----- 60 ----- | | | | | | | | | | | ----- 60 ----- | | | | | | | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | | 0830 | ----- 43 [o] ----- | | | | | | | | | | 40 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | ----- 40 ----- | | | | | | | | | | | ----- 40 ----- | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 32h 32m 10s CCSL: B179 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | | | | | | █ 1200 RTLT 32h 32m 8s | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VGR COVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | UTC: | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | | | | | |
| | UTC: | MAR 02 | | | | | | | | | | | MAR 03 | | | | | | | | | | | | | | | | | | | | | | | |

ISSUE DATE: 02/21/18 09:04

| PST: | 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 MARCH 4, 2018 063-064 | UTC: 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| S/C 31 INITIAL CONDITIONS RTLT: 39h 11m 40s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 39h 11m 38s | | | | | | | | | | | | 0000 RTLT 39h 11m 36s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | |
| 31 DSN COVERAGE | -----10----- | | | | | | | | | | | | -----40----- | | | | | | | | | | | | |
| | -----60----- | | | | | | | | | | | | -----60----- | | | | | | | | | | | | |
| 32 DSN COVERAGE | -----1425-----43 [D]-----1725----- | | | | | | | | | | | | -----0230-----43 [D]----- | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 32h 32m 6s CCSL: B179 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 32h 32m 4s | | | | | | | | | | | | 0000 RTLT 32h 32m 2s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTES | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTC: | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| UTC: | MAR 04 | | | | | | | | | | | | MAR 05 | | | | | | | | | | | | |

ISSUE DATE: 02/21/18 09:04

