

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: April 11, 2018

For the Period: 04/12/18 to 04/30/18 (18/102 – 18/121)

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

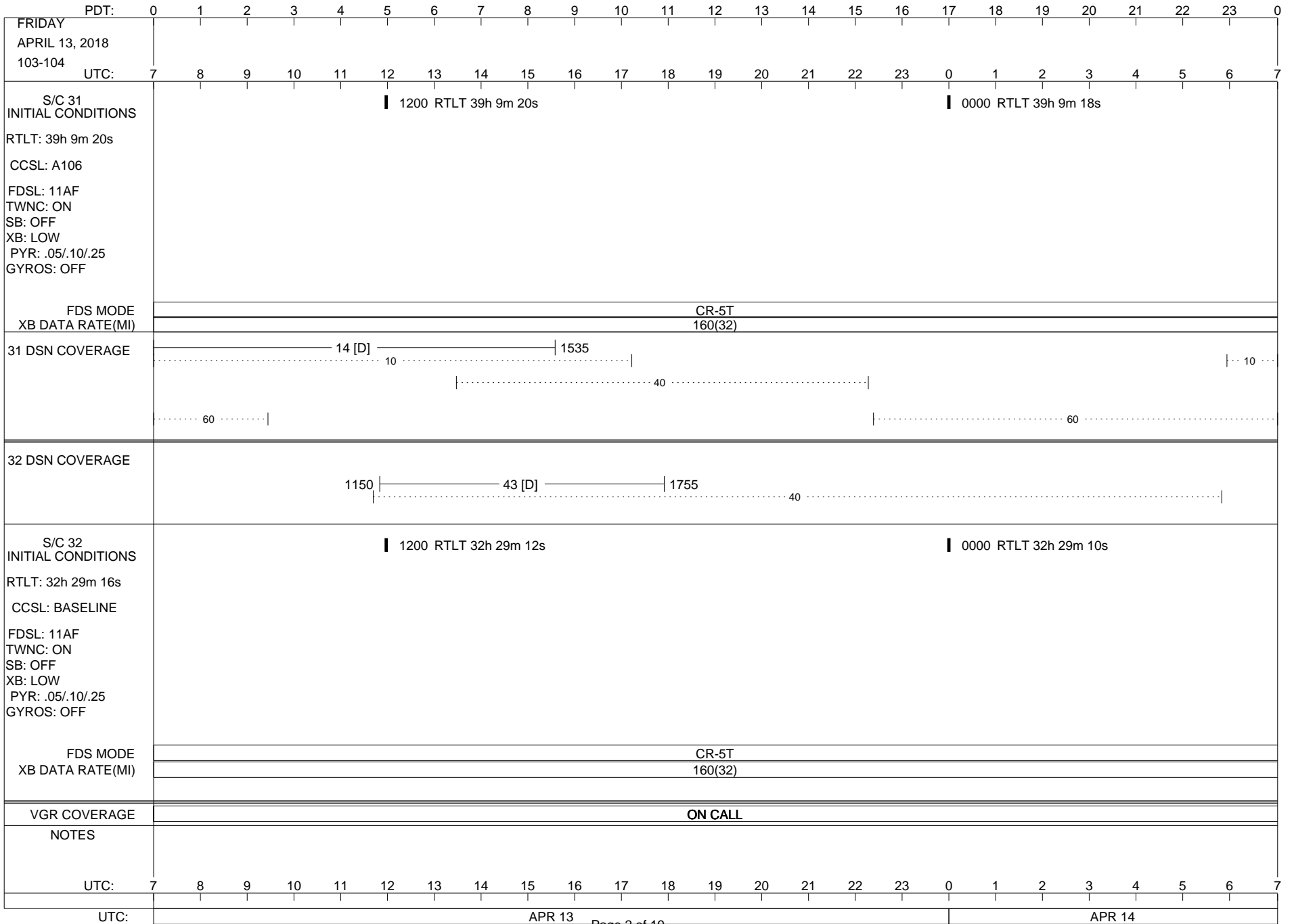
Posted at http://voyager.jpl.nasa.gov/mission/soesfos/tracking_schedule.html

02/27/17

ISSUE DATE: 04/17/18 14:17

| 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 APRIL 12, 2018 102-103 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 39h 9m 22s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLTL 39h 9m 20s | | | | | | | | | | | | 0000 RTLTL 39h 9m 20s | | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | CR-5T | | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | 160(32) | | | | | | | | | | | | | |
| 31 DSN COVERAGE | 14 [D] 1545 | | | | | | | | | | | | 14 [D] 0615 | | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1845 43 [D] 0045 | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 32h 29m 20s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLTL 32h 29m 18s | | | | | | | | | | | | 0000 RTLTL 32h 29m 16s | | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | | | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTES | [1] S/C 31=GS-4B @ 2317 XB=2.8K(41) NOT RECOVERABLE | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: | APR 12 | | | | | | | | | | | | APR 13 | | | | | | | | | | | | | |

ISSUE DATE: 04/17/18 14:17



ISSUE DATE: 04/17/18 14:17

| 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 APRIL 14, 2018 104-105 | 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: 39h 9m 18s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 39h 9m 18s | | | | | | | | | | | | 0000 RTLT 39h 9m 16s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | |
| 31 DSN COVERAGE | 1115 ----- 14 [T] ----- 1705 | | | | | | | | | | | | 0555 14 [D] ----- | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1125 ----- 43 [D] ----- 1955 | | | | | | | | | | | | 40 | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 32h 29m 10s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 32h 29m 8s | | | | | | | | | | | | 0000 RTLT 32h 29m 6s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTES | [1] S/C 31=GS-4B @ 0217 XB=2.8K(41) NOT RECOVERABLE | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: | APR 14 | | | | | | | | | | | | APR 15 | | | | | | | | | | | | |

ISSUE DATE: 04/17/18 14:17

| 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 APRIL 16, 2018 106-107 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 39h 9m 16s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 0717 D/L | | | | | | | | | | | | | | | | | | | | | | | | | |
| | BEGIN SEQUENCE A107 0444 ↓ | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | | | |
| 31 DSN COVERAGE | 14 [D] 0950 | | | | | | | | | | | | | | | | | | | | 0545 14 [D] | | | | | |
| | 10 | | | | | | | | | | 40 | | | | | | | | | | 10 | | | | | |
| | 60 | | | | | | | | | | | | | | | | | | | | 60 | | | | | |
| 32 DSN COVERAGE | | | | | | | | | | | 1410 43 [o] 2025 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 40 | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 32h 29m 0s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 32h 28m 58s | | | | | | | | | | | 0000 RTLT 32h 28m 56s | | | | | | | | | | | | | | |
| 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: | APR 16 | | | | | | | | | | | APR 17 | | | | | | | | | | | | | | |

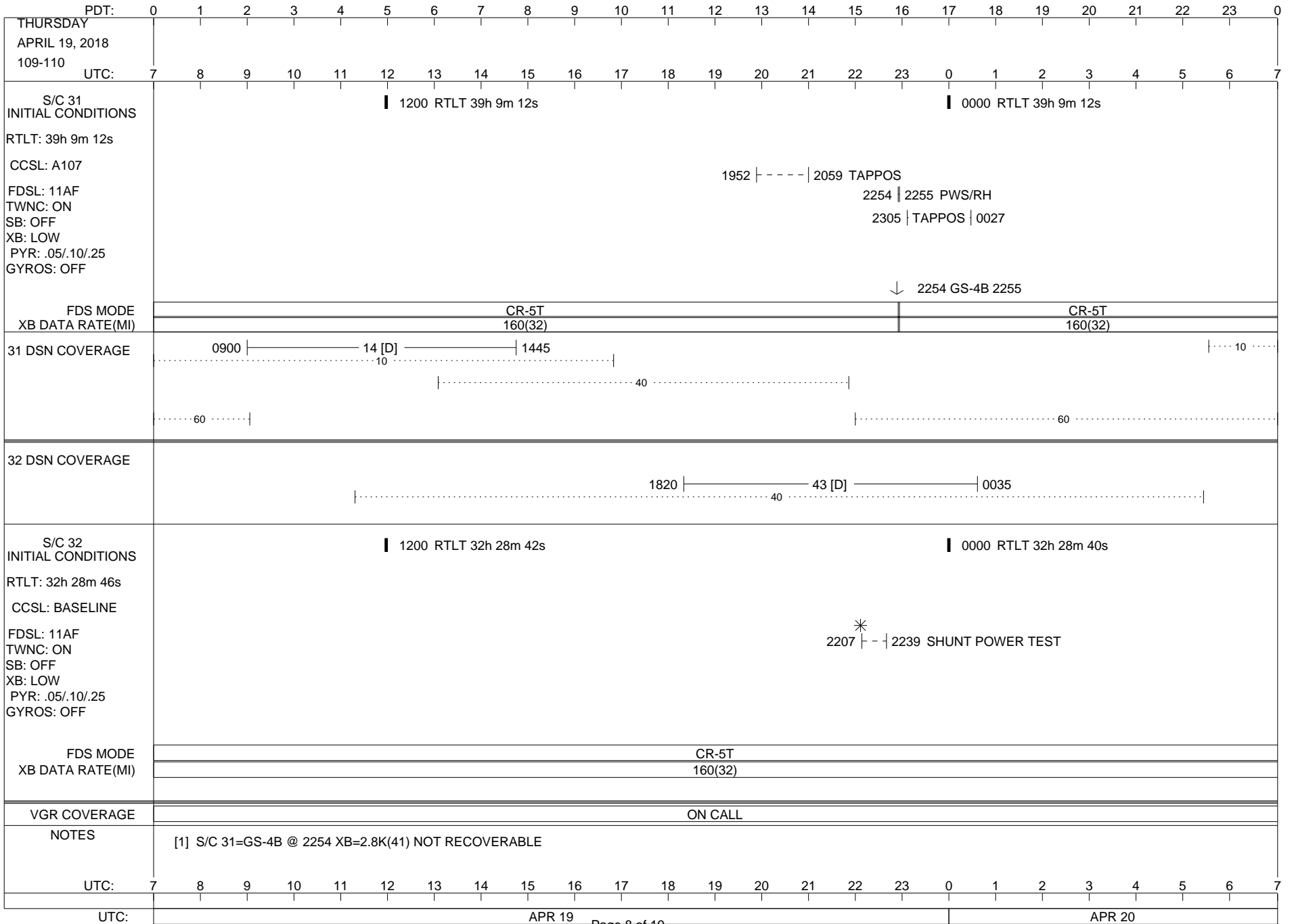
ISSUE DATE: 04/17/18 14:17

| 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 APRIL 17, 2018 107-108 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 39h 9m 16s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | █ 1200 RTLTL 39h 9m 14s | | | | | | | | | | | | █ 0000 RTLTL 39h 9m 14s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | |
| 31 DSN COVERAGE | 14 [D] 1015 | | | | | | | | | | | | 0540 14 [D] 10 | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1130 43 [D] 1510 | | | | | | | | | | | | 0040 43 [D] 0530 | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 32h 28m 56s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | █ 1200 RTLTL 32h 28m 52s | | | | | | | | | | | | █ 0000 RTLTL 32h 28m 50s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTES | [1] S/C 31=GS-4B @ 1640 XB=2.8K(41) NOT RECOVERABLE | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: | APR 17 | | | | | | | | | | | | APR 18 | | | | | | | | | | | | |

ISSUE DATE: 04/17/18 14:17

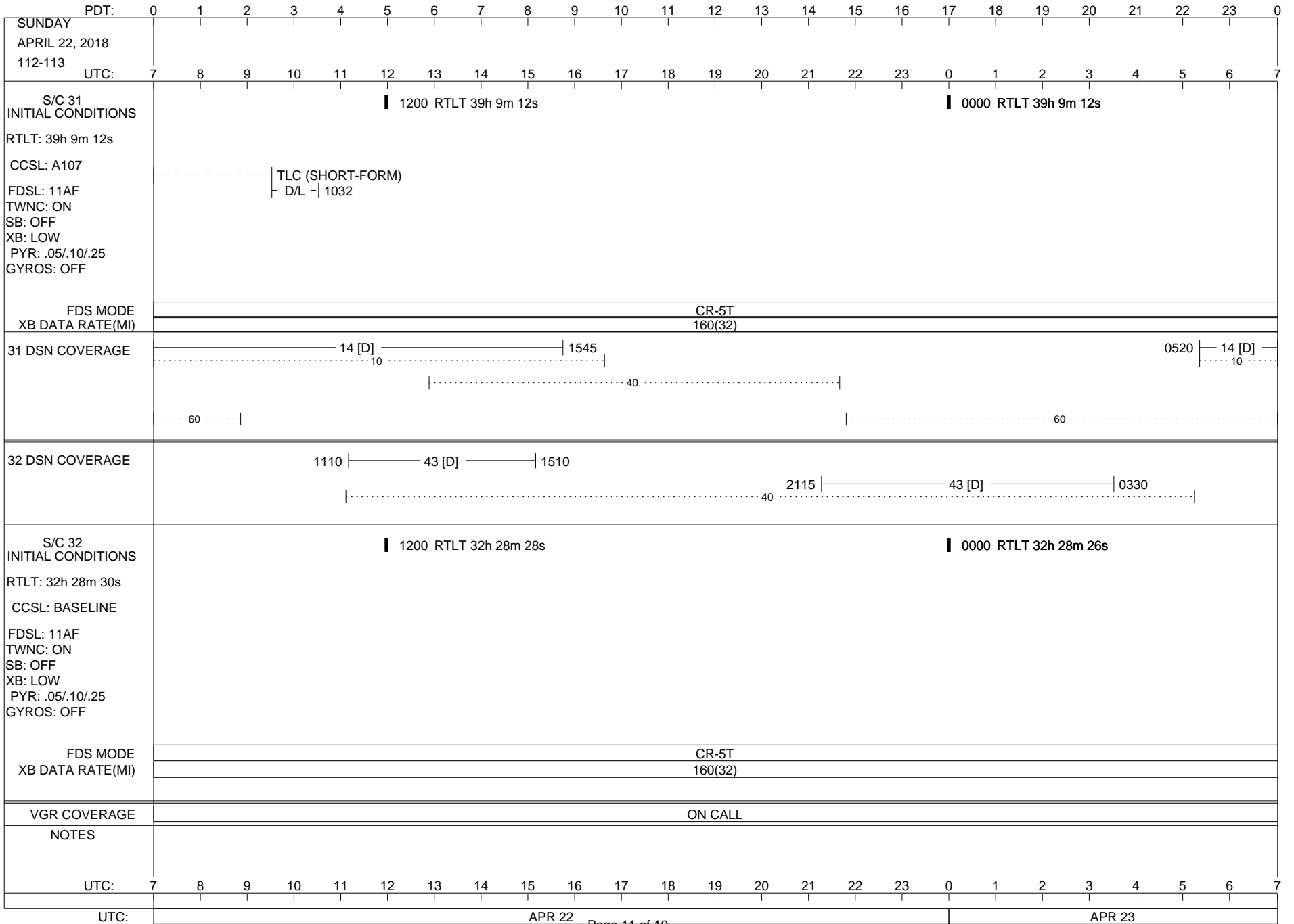
| PDT: | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | |
|---|-----------------------|---|---|----|----|----|-----|----|----|----|----|----|-----------------------|----|----|----|----|----|----|----|----|----|----|----|---|--|
| WEDNESDAY APRIL 18, 2018 108-109 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 39h 9m 14s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 39h 9m 14s | | | | | | | | | | | | 0000 RTLT 39h 9m 12s | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | | |
| 31 DSN COVERAGE | 14 [D] 1040 | | | | | | | | | | | | 10 | | | | | | | | | | | | | |
| | 60 | | | | | | | | | | | | 40 | | | | | | | | | | | | | |
| | 60 | | | | | | | | | | | | 60 | | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1140 43 1810 | | | | | | | | | | | | 40 | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 32h 28m 50s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 32h 28m 48s | | | | | | | | | | | | 0000 RTLT 32h 28m 46s | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | CR-5T 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: | APR 18 | | | | | | | | | | | | APR 19 | | | | | | | | | | | | | |

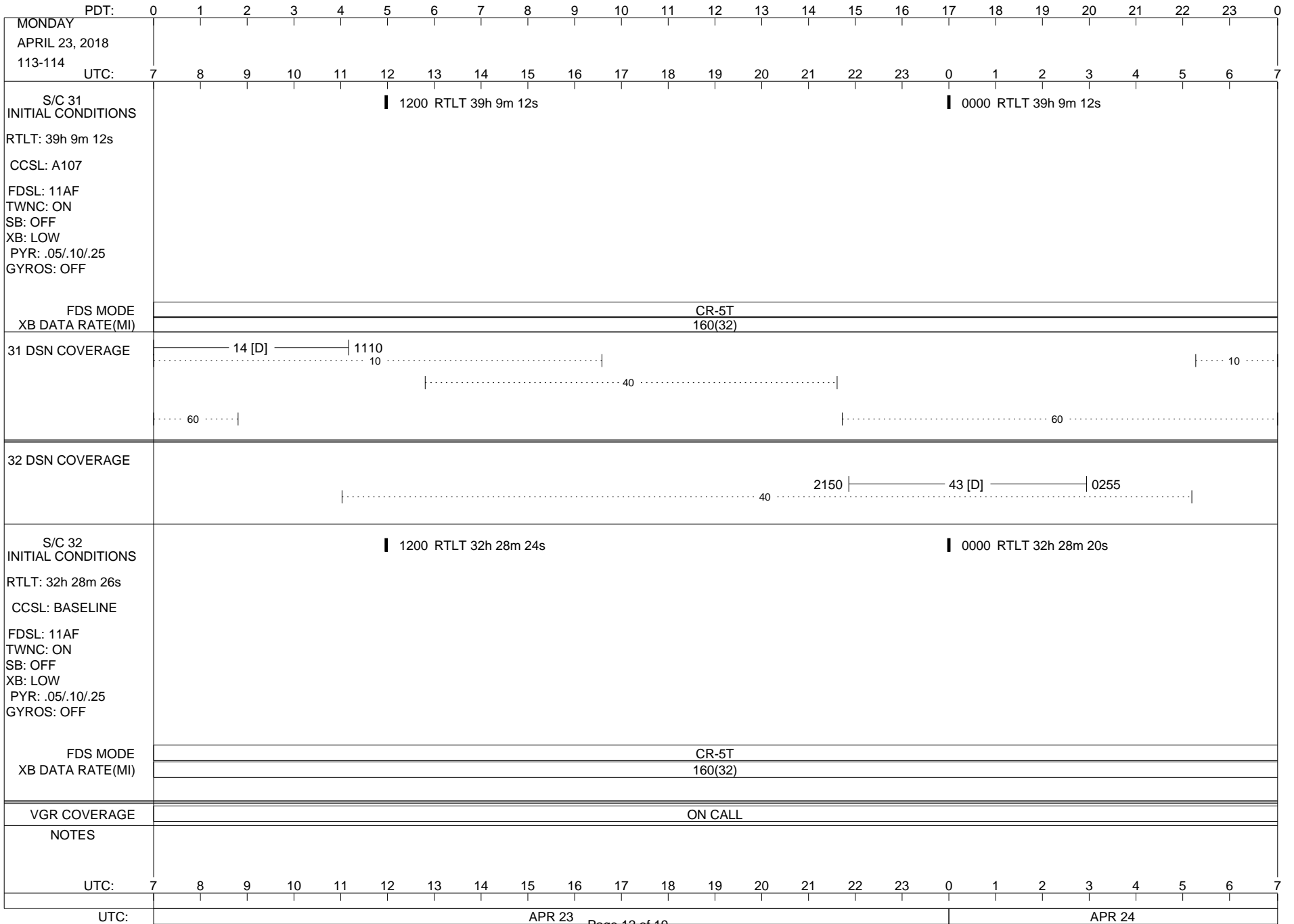
ISSUE DATE: 04/17/18 14:17



| 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 APRIL 21, 2018 111-112 | 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: 39h 9m 12s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLTL 39h 9m 12s | | | | | | | | | | | | 0000 RTLTL 39h 9m 12s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | |
| 31 DSN COVERAGE | 14 [D] 1030 | | | | | | | | | | | | 0545 14 [D] | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1250 43 [o] 1655 | | | | | | | | | | | | 0150 43 [D] 0515 | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 32h 28m 36s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLTL 32h 28m 32s | | | | | | | | | | | | 0000 RTLTL 32h 28m 30s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTES | [1] S/C 31=GS-4B @ 0154 XB=2.8K(41) NOT RECOVERABLE | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: | APR 21 | | | | | | | | | | | | APR 22 | | | | | | | | | | | | |

ISSUE DATE: 04/17/18 14:17





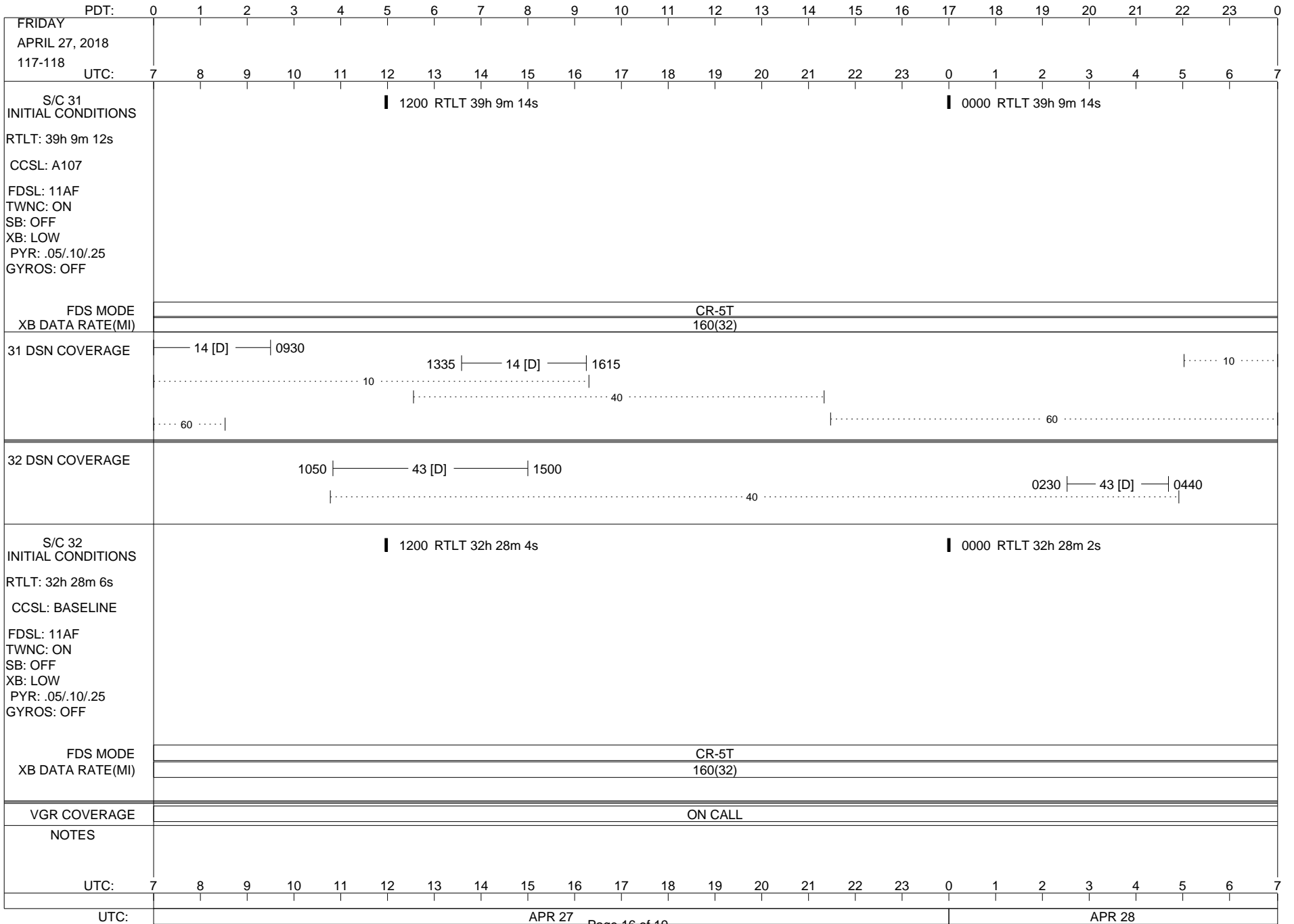
ISSUE DATE: 04/17/18 14:17

| 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 APRIL 24, 2018 114-115 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 39h 9m 12s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1200 RTLT 39h 9m 12s</p> <p>↓ 1109 BAY 1 HTR OFF</p> <p>↓ 1109 GYROS AC ON</p> <p>1109 - CONDITIONING - 1409</p> <p>↓ 1203 MEMUPD - ECR 114612</p> <p>1208 1209 MRO</p> <p>1308 1309 REDUNDANT MRO</p> <p>↓ 1409 GYROS OFF</p> <p>↓ 1418 BAY 1 HTR ON</p> <p>1616 1617 PWS/RH</p> <p>↓ 1112 EL-40 1114</p> <p>↓ 1616 GS-4B 1617</p> </div> <div style="width: 45%;"> <p>0000 RTLT 39h 9m 12s</p> </div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | CR-5T 160(32) | | | | | | | | | CR-5T 160(32) | | | | | | | | |
| 31 DSN COVERAGE | 0935 ----- 14 [D] ----- 1435 | | | | | | | | | | 0515 ----- 14 [D] ----- | | | | | | | | | | ----- 60 ----- | | | | | | |
| 32 DSN COVERAGE | 1100 ----- 43 [D] ----- 1600 | | | | | | | | | | ----- 40 ----- | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 32h 28m 20s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1200 RTLT 32h 28m 18s</p> </div> <div style="width: 45%;"> <p>0000 RTLT 32h 28m 16s</p> </div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | | | | | | VGR | | | | | | | | | ON CALL | | | | | | | | |
| NOTES | [1] S/C 31=GS-4B @ 1616 XB=2.8K(41) NOT RECOVERABLE | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: | APR 24 | | | | | | | | | | | | | | | | | | APR 25 | | | | | | | | |

ISSUE DATE: 04/17/18 14:17

| 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 APRIL 25, 2018 115-116 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 39h 9m 12s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLTL 39h 9m 12s | | | | | | | | | | | | 0000 RTLTL 39h 9m 12s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | |
| 31 DSN COVERAGE | 14 [D] 1145 | | | | | | | | | | 14 [DA] 0600 | | | | | | | | | | 24 [DA] 0600 | | 26 [DAR] 0600 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 60 | | | | | | | | | | 60 | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1110 43 1710 | | | | | | | | | | 40 | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 32h 28m 16s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLTL 32h 28m 14s | | | | | | | | | | | | 0000 RTLTL 32h 28m 12s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | |
| 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: | APR 25 | | | | | | | | | | | | APR 26 | | | | | | | | | | | | |

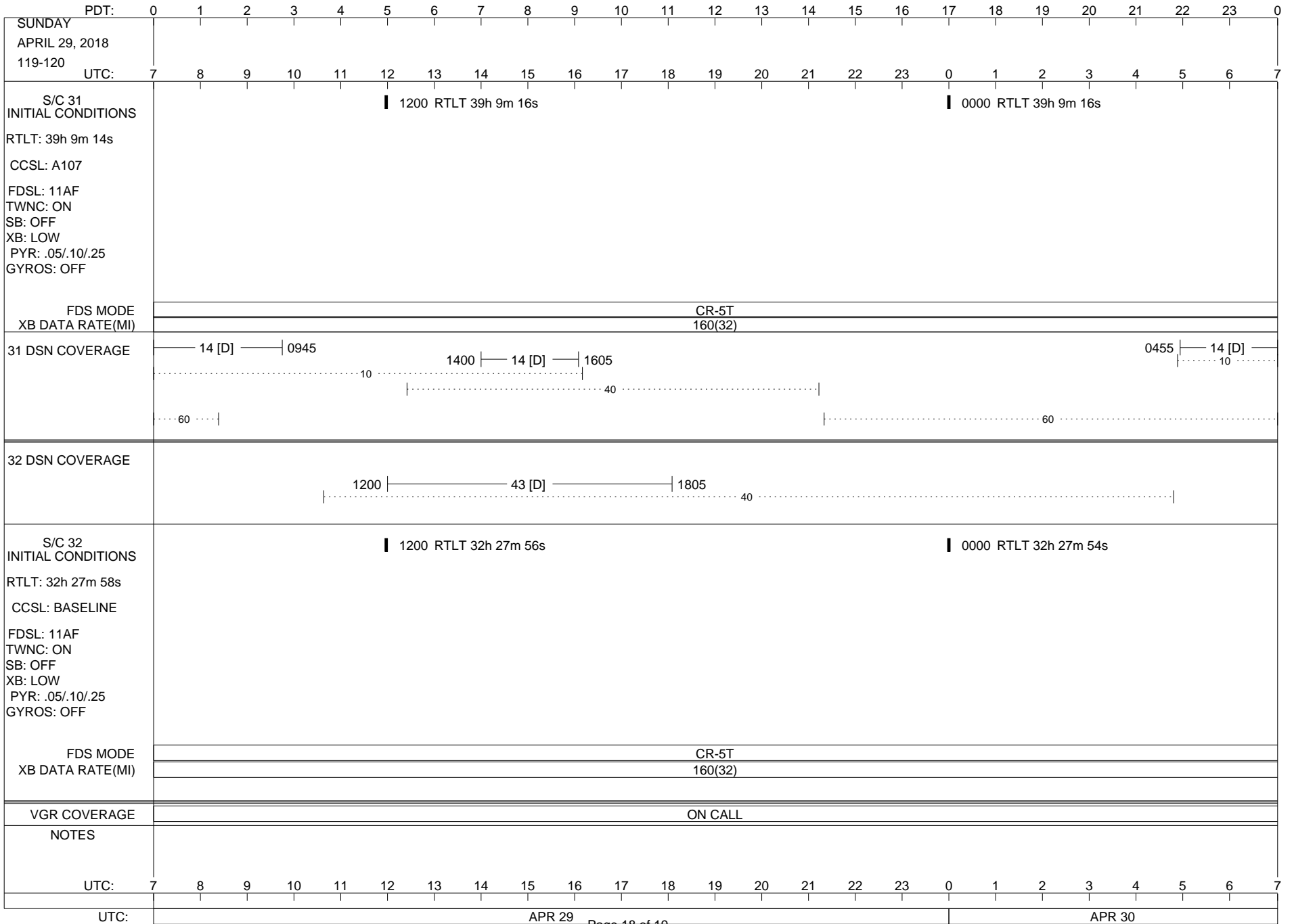
ISSUE DATE: 04/17/18 14:17



ISSUE DATE: 04/17/18 14:17

| 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 APRIL 28, 2018 118-119 | 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: 39h 9m 14s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 39h 9m 14s | | | | | | | | | | | | 0000 RTLT 39h 9m 14s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | |
| 31 DSN COVERAGE | 1305 ----- 14 [D] ----- 1605 | | | | | | | | | | | | 0545 14 [D] ----- 10 | | | | | | | | | | | | |
| | 1555 43 [D] ----- 1705 | | | | | | | | | | | | 40 | | | | | | | | | | | | |
| | 60 | | | | | | | | | | | | 60 | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1045 ----- 43 [D] ----- 1505 | | | | | | | | | | | | 0210 ----- 43 [D] ----- 0450 | | | | | | | | | | | | |
| | 40 | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 32h 28m 2s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 32h 28m 0s | | | | | | | | | | | | 0000 RTLT 32h 27m 58s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTES | [1] S/C 31=GS-4B @ 0130 XB=2.8K(41) NOT RECOVERABLE | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: | APR 28 | | | | | | | | | | | | APR 29 | | | | | | | | | | | | |

ISSUE DATE: 04/17/18 14:17



ISSUE DATE: 04/17/18 14:17

| 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 APRIL 30, 2018 120-121 | 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: 39h 9m 16s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 39h 9m 16s | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | | |
| 31 DSN COVERAGE | 14 [D] 0855 10 40 60 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1125 ----- 35 [DA] ----- 1525 1125 ----- 36 [DAR] ----- 1525 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 32h 27m 54s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 32h 27m 52s | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: | APR 30 | | | | | | | | | | | | | MAY 01 | | | | | | | | | | | | | |