

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: March 25, 2015

For the Period: 03/26/15 to 04/13/15 (15-085 – 15-114)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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 PWS *wsk@space.physics.uiowa.edu
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FLIGHT TEAM (14) 600-100

Dodd, S.
 Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina
 Peralta, F.
 Weeks, T.
 Wong, R.
 Yang, L.
 Zottarelli, L.
 *odivers@san.rr.com

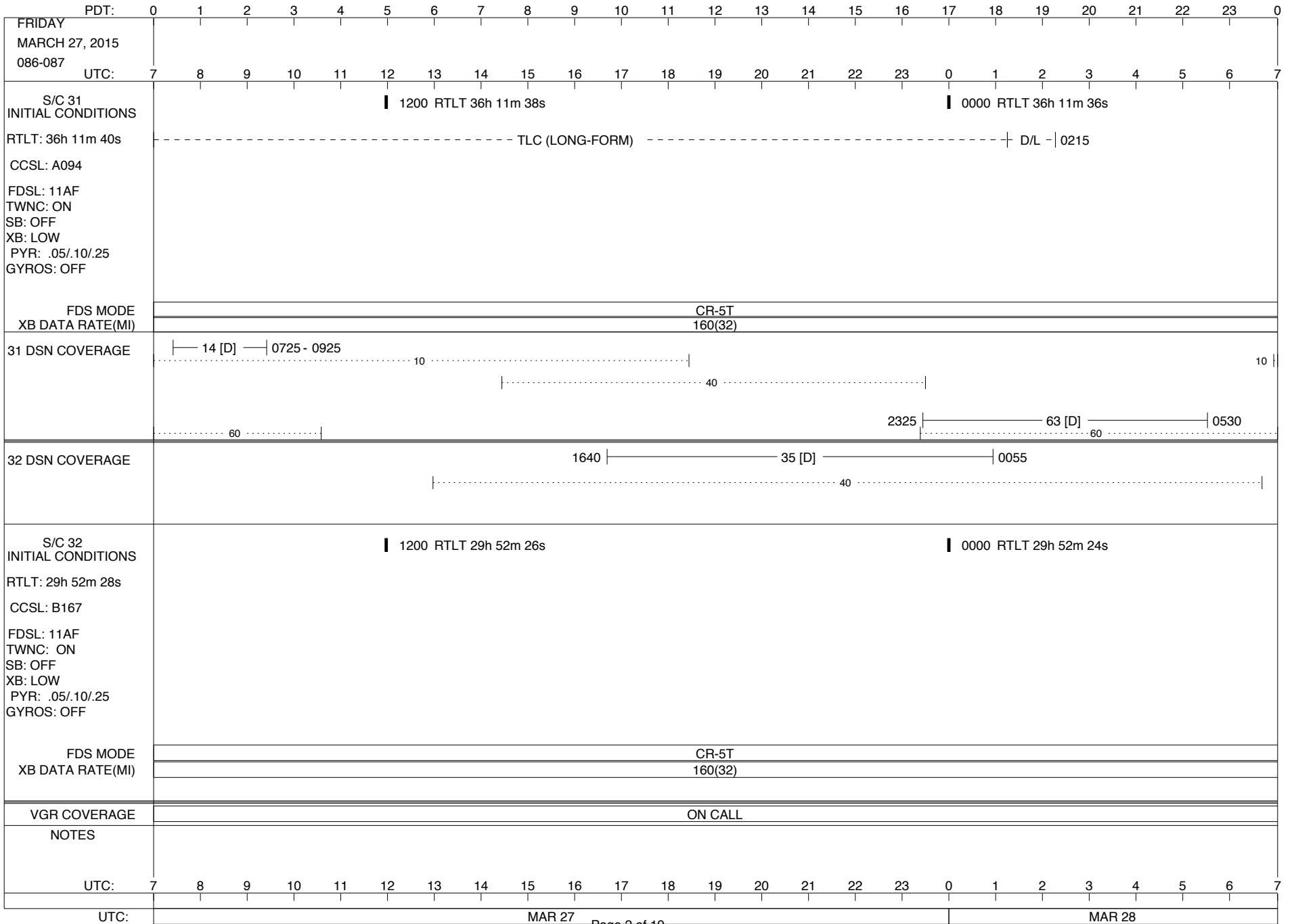
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

*Electronic Copy Only
 (16 – Dist/N: Paper Copies)
 09/08/10

ISSUE DATE: 03/25/15 12:27

| 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 MARCH 26, 2015 085-086 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 36h 11m 44s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF | 1200 RTLT 36h 11m 42s | | | | | | | | | | | | 0000 RTLT 36h 11m 40s | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | CR-5T | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | 160(32) | | | | | | | | | | | | |
| 31 DSN COVERAGE | 0830 15 [DAR] 1125 0830 25 [DA] 1125 1120 14 [T] 1545 10 40 2325 63 [D] 0535 60 | | | | | | | | | | | | 10 | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1645 35 [D] 2240 | | | | | | | | | | | | 40 | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 29h 52m 34s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF | 1200 RTLT 29h 52m 32s | | | | | | | | | | | | 0000 RTLT 29h 52m 28s | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | CR-5T | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | 160(32) | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | | | | | | | | | ON CALL | | | | | | | | | | | | |
| NOTES | [1] S/C 31=GS-4B @ 0012 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: | MAR 26 | | | | | | | | | | | | MAR 27 | | | | | | | | | | | | |

ISSUE DATE: 03/25/15 12:27



ISSUE DATE: 03/25/15 12:27

| 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 MARCH 28, 2015 087-088 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 36h 11m 36s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF | 1200 RTLT 36h 11m 34s | | | | | | | | | | | | 0000 RTLT 36h 11m 32s | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | CR-5T | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | 160(32) | | | | | | | | | | | | |
| 31 DSN COVERAGE | 0820 ----- 14 [D] ----- 1330 | | | | | | | | | | | | 14 [D] 0650 ----- 10 | | | | | | | | | | | | |
| | ----- 60 ----- | | | | | | | | | | | | ----- 40 ----- | | | | | | | | | | | | |
| | ----- 60 ----- | | | | | | | | | | | | 0125 ----- 55 [DAR] ----- 0535 0125 ----- 54 [DA] ----- 0535 | | | | | | | | | | | | |
| 32 DSN COVERAGE | ----- 1635 ----- 34 [D] ----- 0115 | | | | | | | | | | | | ----- 40 ----- | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 29h 52m 24s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF | 1200 RTLT 29h 52m 22s | | | | | | | | | | | | 0000 RTLT 29h 52m 18s | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | CR-5T | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | 160(32) | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | | | | | | | | | ON CALL | | | | | | | | | | | | |
| NOTES | [1] S/C 31=GS-4B @ 0312 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: | MAR 28 | | | | | | | | | | | | MAR 29 | | | | | | | | | | | | |

ISSUE DATE: 03/25/15 12:27

| 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 MARCH 29, 2015 088-089 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 36h 11m 32s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 36h 11m 32s | | | | | | | | | | | | 0000 RTLT 36h 11m 30s | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | CR-5T | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | 160(32) | | | | | | | | | | | | |
| 31 DSN COVERAGE | 14 [D] 1245 | | | | | | | | | | | | 10 40 2315 63 [D] 0525 | | | | | | | | | | | | |
| | 60 | | | | | | | | | | | | 60 | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1650 35 [D] 2225 | | | | | | | | | | | | 40 | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 29h 52m 18s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 29h 52m 16s | | | | | | | | | | | | 0000 RTLT 29h 52m 14s | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | CR-5T | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | 160(32) | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | | | | | | | | | 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: | MAR 29 | | | | | | | | | | | | MAR 30 | | | | | | | | | | | | |

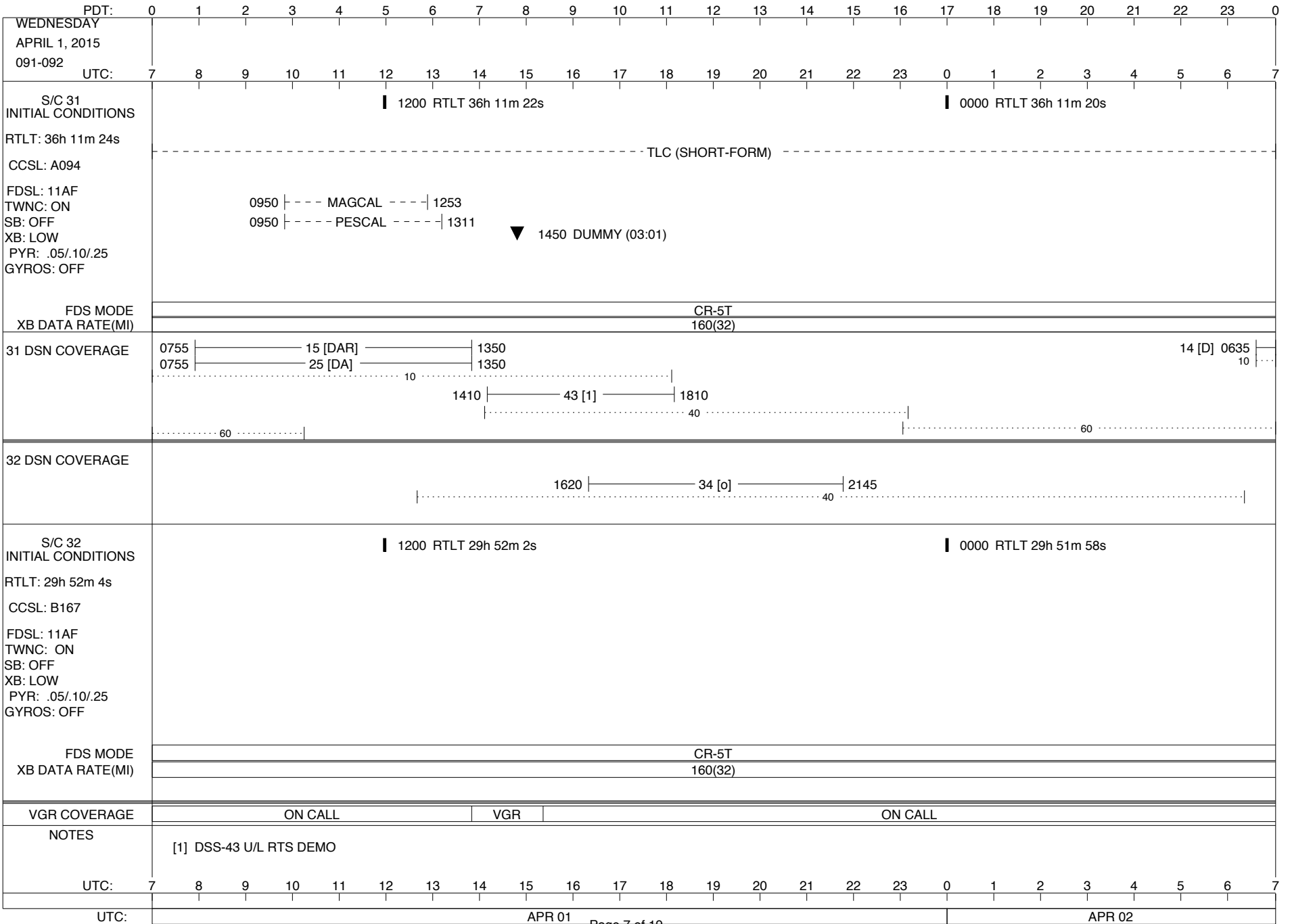
ISSUE DATE: 03/25/15 12:27

| 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 MARCH 30, 2015 089-090 | 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: 36h 11m 30s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF | 1200 RTLT 36h 11m 28s | | | | | | | | | | | | 0000 RTLT 36h 11m 26s | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | | |
| 31 DSN COVERAGE | 0805 24 [DA] 1005 0805 25 [DAR] 1005 0945 14 [D] 1330 | | | | | | | | | | | | 0035 - 0620 55 [DA] 0035 - 0620 54 [DAR] | | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1630 35 [D] 2045 | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 29h 52m 14s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF | 1200 RTLT 29h 52m 12s | | | | | | | | | | | | 0000 RTLT 29h 52m 8s | | | | | | | | | | | | | |
| 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: | MAR 30 | | | | | | | | | | | | MAR 31 | | | | | | | | | | | | | |

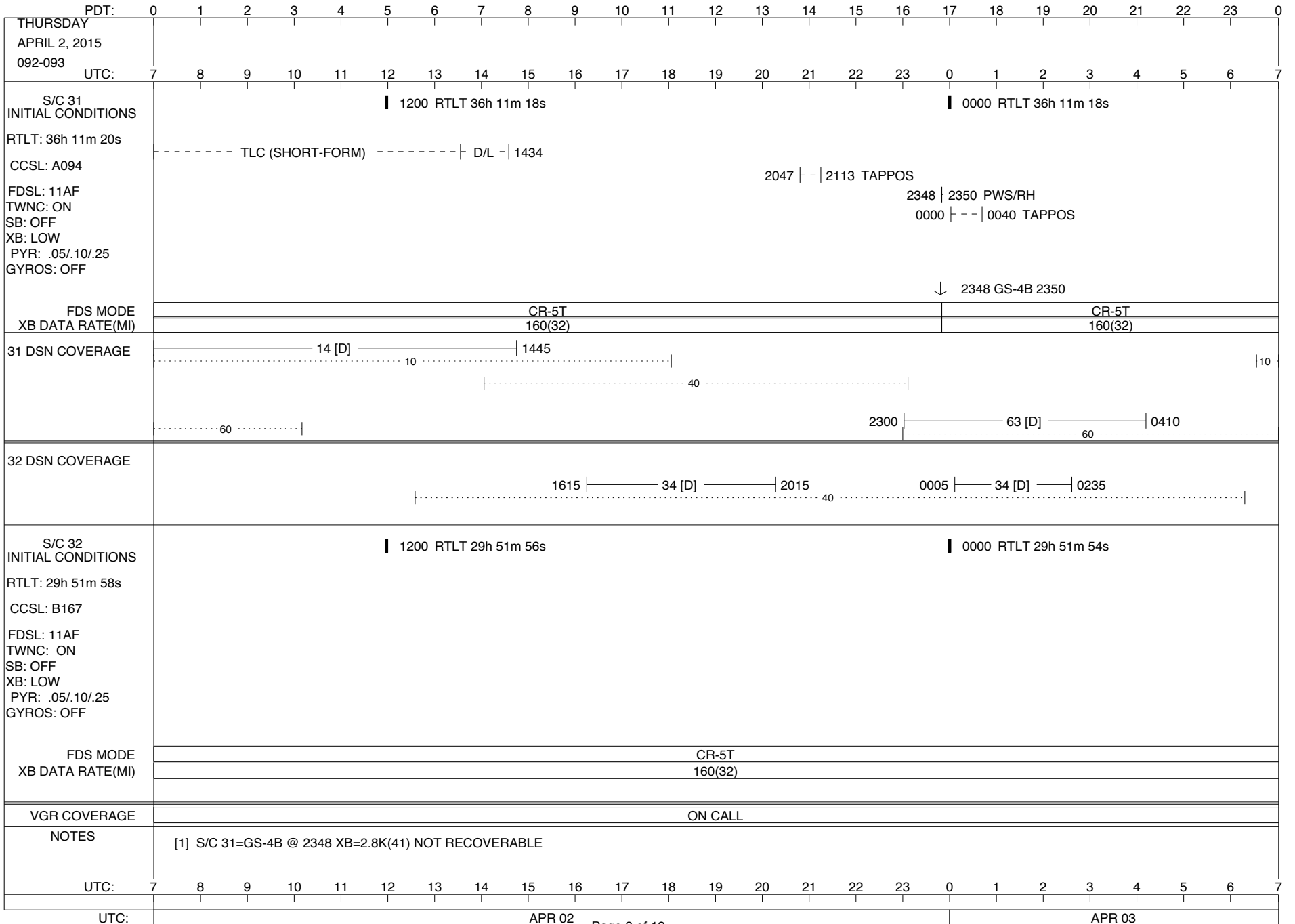
ISSUE DATE: 03/25/15 12:27

| 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 MARCH 31, 2015 090-091 | 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: 36h 11m 26s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF | 1200 RTLT 36h 11m 24s | | | | | | | | | | | | 0000 RTLT 36h 11m 24s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | |
| 31 DSN COVERAGE |10..... | | | | | | | | | | | |40..... | | | | | | | | | | | | |
| |60..... | | | | | | | | | | | | 0000-0645 63 [T]..... | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1630 -----35 [D]----- 2145 | | | | | | | | | | | |40..... | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 29h 52m 8s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF | 1200 RTLT 29h 52m 6s | | | | | | | | | | | | 0000 RTLT 29h 52m 4s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTES | [1] S/C 31=GS-4B @ 1735 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: | MAR 31 | | | | | | | | | | | | APR 01 | | | | | | | | | | | | |

ISSUE DATE: 03/25/15 12:27



ISSUE DATE: 03/25/15 12:27



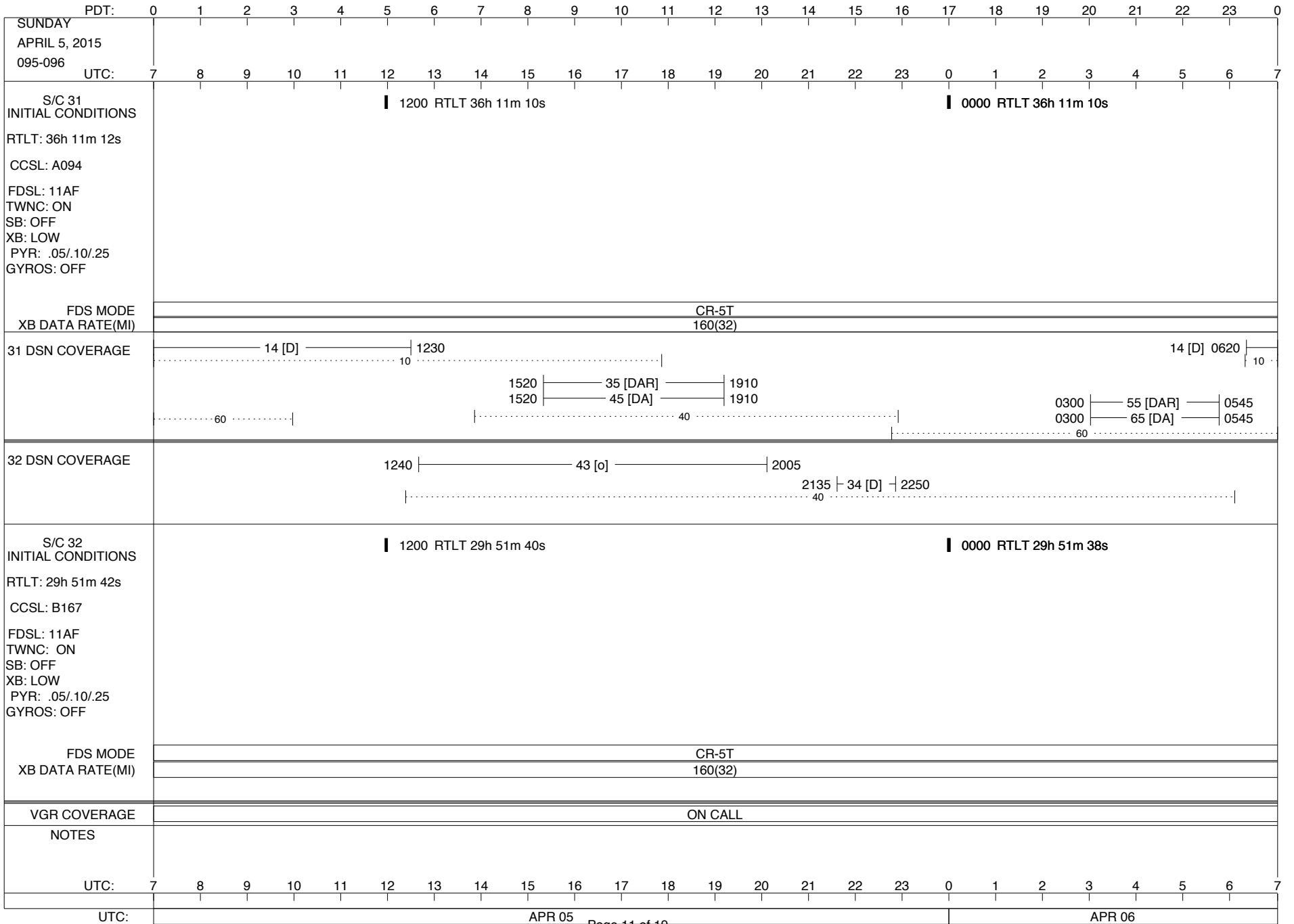
ISSUE DATE: 03/25/15 12:27

| 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 APRIL 3, 2015 093-094 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 36h 11m 18s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF | 1200 RTLT 36h 11m 16s | | | | | | | | | | | | 0000 RTLT 36h 11m 14s | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | | |
| 31 DSN COVERAGE | ----- 14 [D] ----- 0740 - 1235 | | | | | | | | | | ----- 40 ----- | | | | | | | | | | ----- 60 ----- | | ----- 10 ----- | | | |
| 32 DSN COVERAGE | | | | | | | | | | | 1615 ----- 35 [D] ----- 2245 | | | | | | | | | | ----- 40 ----- | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 29h 51m 54s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF | 1200 RTLT 29h 51m 50s | | | | | | | | | | | | 0000 RTLT 29h 51m 48s | | | | | | | | | | | | | |
| 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 03 | | | | | | | | | | | | | APR 04 | | | | | | | | | | | | |

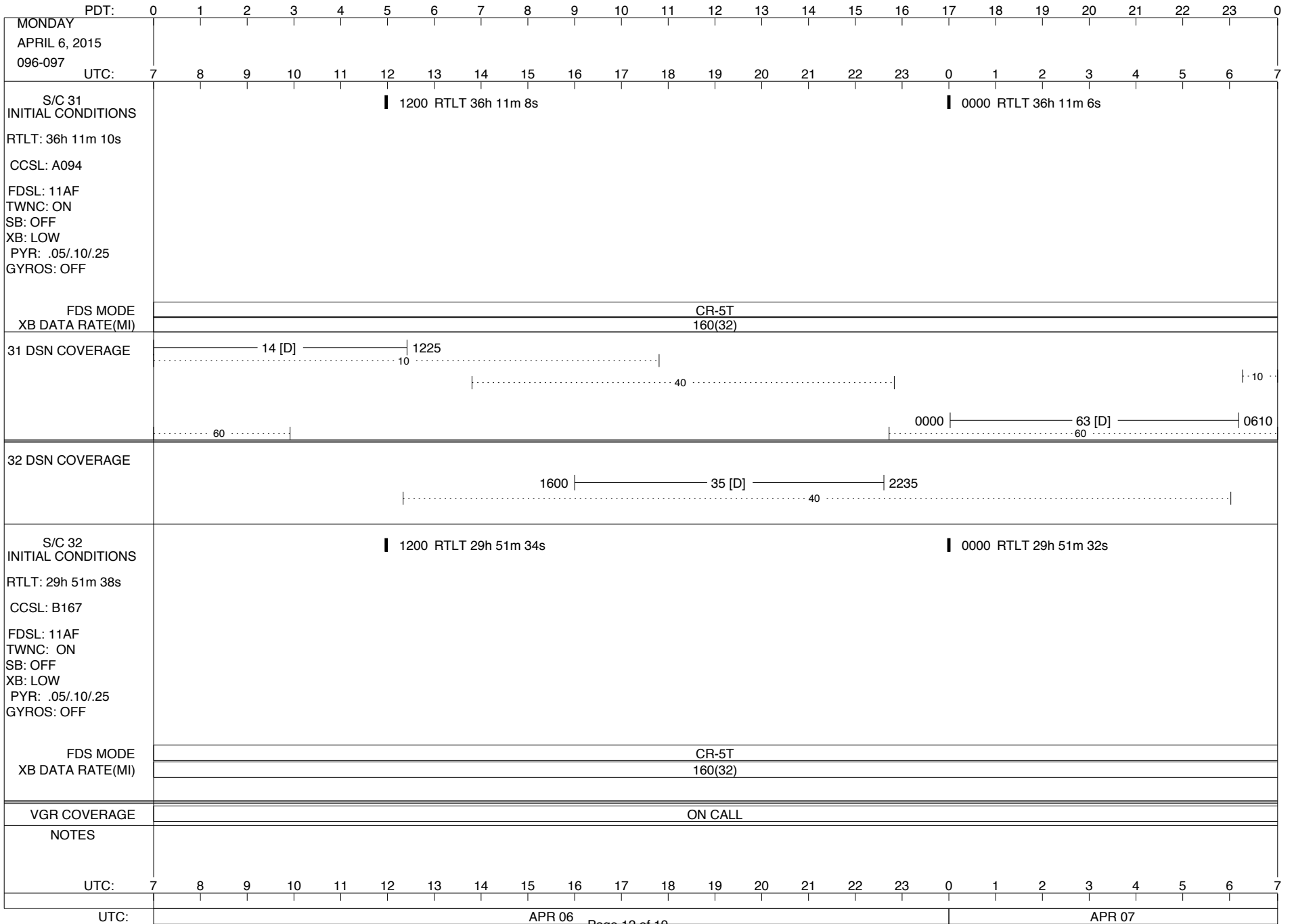
ISSUE DATE: 03/25/15 12:27

| 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 4, 2015 094-095 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 36h 11m 14s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLTL 36h 11m 14s | | | | | | | | | | | | 0000 RTLTL 36h 11m 12s | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | CR-5T | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | 160(32) | | | | | | | | | | | | |
| 31 DSN COVERAGE | 0835 ----- 14 [D] ----- 1235 | | | | | | | | | | 14 [D] 0625 ----- 10 | | | | | | | | | | | | | | |
| | ----- 60 ----- | | | | | | | | | | ----- 40 ----- | | | | | | | | | | | | | | |
| | ----- 60 ----- | | | | | | | | | | ----- 60 ----- | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1225 ----- 43 [o] ----- 2000 | | | | | | | | | | | | 40 ----- | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 29h 51m 48s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLTL 29h 51m 46s | | | | | | | | | | | | 0000 RTLTL 29h 51m 42s | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | CR-5T | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | 160(32) | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTES | [1] S/C 31=GS-4B @ 0248 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 04 | | | | | | | | | | | | APR 05 | | | | | | | | | | | | |

ISSUE DATE: 03/25/15 12:27



ISSUE DATE: 03/25/15 12:27



ISSUE DATE: 03/25/15 12:27

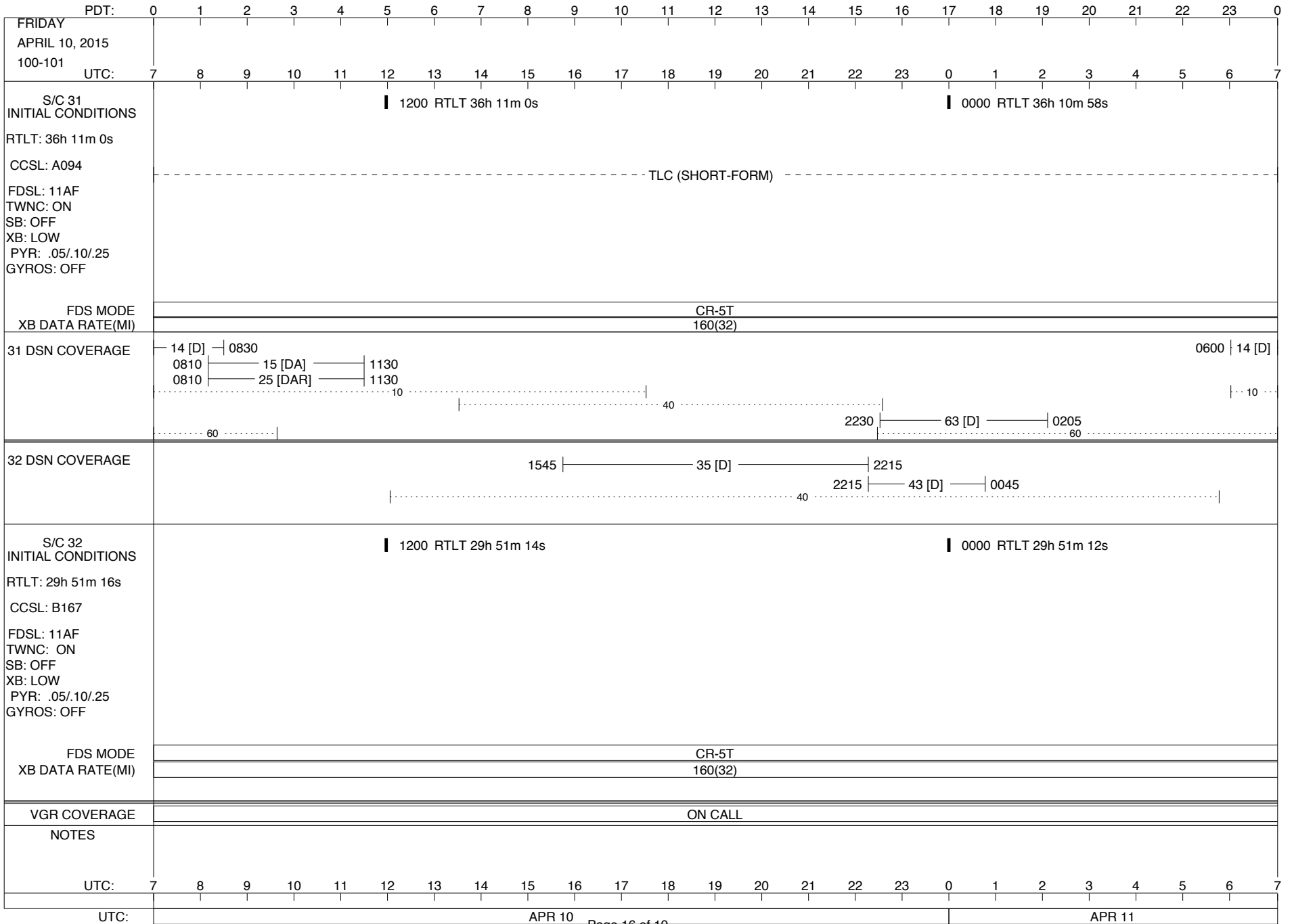
| PDT: | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | | |
|------------------------------|--|---|---|---|----|----|----|-----|----|----|----|-------------------------|----|--|----|----|--------|----|----|-----|----|----------------|----|----|----|---|-------------|--|
| TUESDAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APRIL 7, 2015 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 097-098 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 36h 11m 6s | | | | | | | | | | | | 0000 RTLT 36h 11m 4s | | | | | | | | | | | | | | |
| RTLTL: 36h 11m 6s | | | | | | | | | | | | | | 1711 1712 PWS/RH | | | | | | | | | | | | | | |
| CCSL: A094 | | | | | | | | | | | | | | DUMMY (11:41) 2330▼ | | | | | | | | | | | | | | |
| FDSL: 11AF | | | | | | | | | | | | | | EL-40 (11:59) 2348▼ | | | | | | | | | | | | | | |
| TWNC: ON | | | | | | | | | | | | | | CCSL A095F (12:20) 0009▼ | | | | | | | | | | | | | | |
| SB: OFF | | | | | | | | | | | | | | AHEL2 CCS SID MRO'S, CR-5T (12:54) 0043▼ | | | | | | | | | | | | | | |
| XB: LOW | | | | | | | | | | | | | | CCSTIM F/C (13:34) 0123▼ | | | | | | | | | | | | | | |
| PYR: .05/10/25 | | | | | | | | | | | | | | ↓ 1711 GS-4B 1712 | | | | | | | | | | | | | | |
| GYROS: OFF | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE | | CR-5T | | | | | | | | | | | | CR-5T | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | | 160(32) | | | | | | | | | | | | 160(32) | | | | | | | | | | | | | | |
| 31 DSN COVERAGE | | 0745 15 [DA] 1030 | | | | | | | | | | | | | | | | | | | | | | | | | 14 [D] 0615 | |
| | | 0745 25 [DAR] 1030 | | | | | | | | | | | | | | | | | | | | | | | | | 10 .. | |
| | | 10 | | | | | | | | | | 40 | | | | | | | | | | | | | | | | |
| | | 60 | | | | | | | | | | 2240 - 0635 | | | | | | | | | | 63 | | | | | | |
| | | 60 | | | | | | | | | | 60 | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | | 1230 43 [H] 1510 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1555 35 [D] 2310 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 40 | | | | | | | | | | 40 | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS | | 1200 RTLT 29h 51m 30s | | | | | | | | | | | | 0000 RTLT 29h 51m 28s | | | | | | | | | | | | | | |
| RTLTL: 29h 51m 32s | | | | | | | | | | | | | | ▼ 1340 DUMMY (19:32) | | | | | | | | | | | | | | |
| CCSL: B167 | | | | | | | | | | | | | | ▼ 1402 ECR 113695 DELINK & LINK (19:53) | | | | | | | | | | | | | | |
| FDSL: 11AF | | | | | | | | | | | | | | ▼ 1406 DMRO (19:57) | | | | | | | | | | | | | | |
| TWNC: ON | | | | | | | | | | | | | | ▼ 1506 DMRO - REDUNDANT (20:57) | | | | | | | | | | | | | | |
| SB: OFF | | | | | | | | | | | | | | 1920 - - - - MAGCAL - - - - 2223 | | | | | | | | | | | | | | |
| XB: LOW | | | | | | | | | | | | | | 1920 - - - - PESCAL - - - - 2240 | | | | | | | | | | | | | | |
| PYR: .05/10/25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GYROS: OFF | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE | | | | | | | | | | | | | | CR-5T | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | | | | | | | | | | | | | | 160(32) | | | | | | | | | | | | | | |
| VGR COVERAGE | | ON CALL | | | | | | VGR | | | | | | ON CALL | | | | | | VGR | | | | | | | | |
| NOTES | | [1] S/C 31=GS-4B @ 1711 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 07 | | | | | | | | | | | | | | | APR 08 | | | | | | | | | | | |

ISSUE DATE: 03/25/15 12:27

| | |
|---|--|
| 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 8, 2015 098-099 | |
| 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: 36h 11m 4s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF | 1200 RTLT 36h 11m 4s 0000 RTLT 36h 11m 2s |
| FDS MODE | CR-5T |
| XB DATA RATE(MI) | 160(32) |
| 31 DSN COVERAGE | 14 [D] 0940 14 [D] 0610 10 40 10 0000 55 [DAR] 0400 0000 65 [DA] 0400 60 60 |
| 32 DSN COVERAGE | 1555 35 [D] 2135 40 |
| S/C 32 INITIAL CONDITIONS RTLT: 29h 51m 28s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF | 1200 RTLT 29h 51m 24s 0000 RTLT 29h 51m 22s * ↓ 1954 ECR 113695 DELINK & LINK * 1958 2010 DMRO * 2058 2110 DMRO - REDUNDANT |
| 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: APR 08 APR 09 | |

ISSUE DATE: 03/25/15 12:27

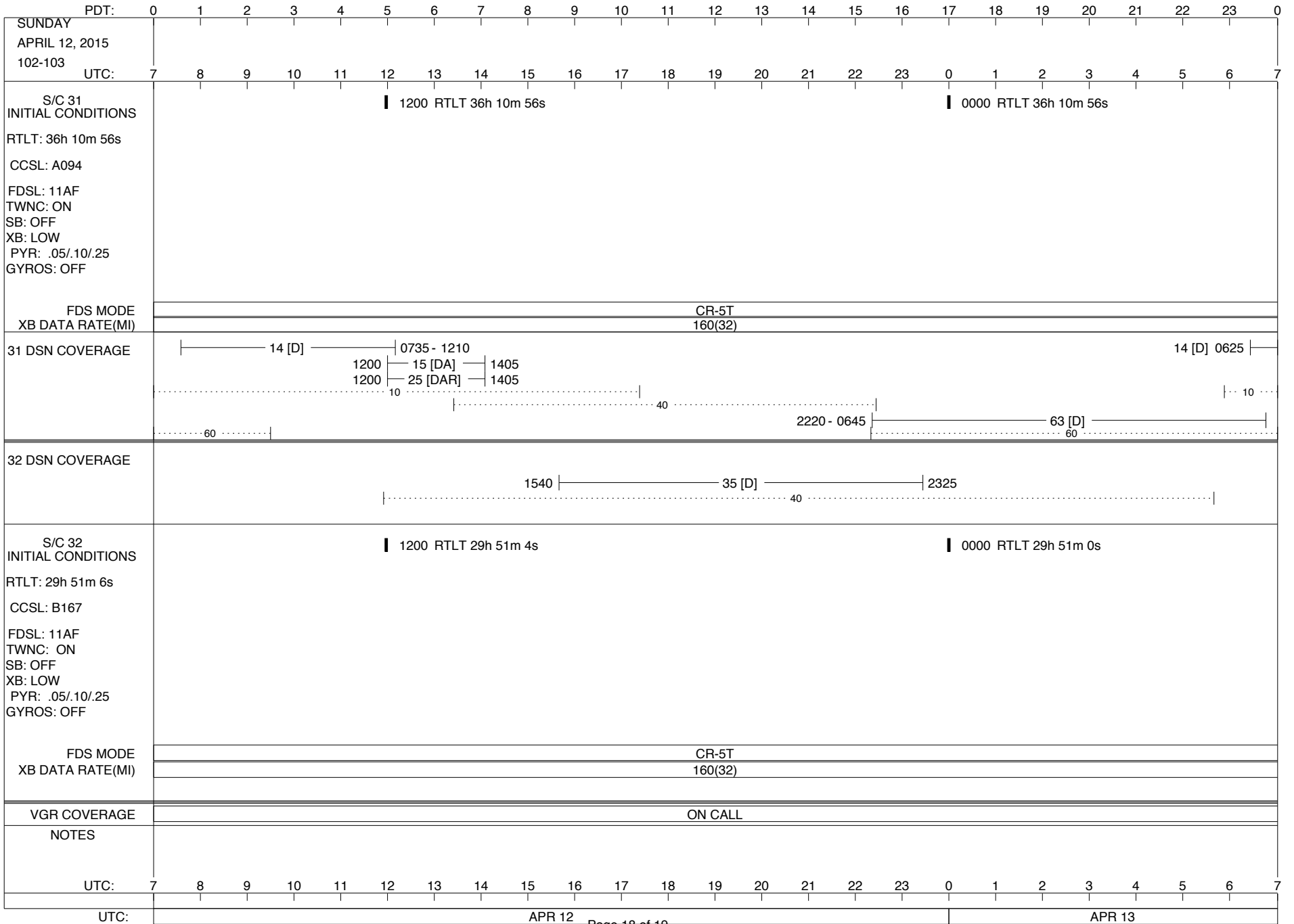
| PDT: | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | | | |
|------------------------------|--|------------------------------------|---|---|----|----|----|----|--------|----|----|----|----|----|----|---|----|----|----|----|----|----|---------|----|----|---|--|--|--|
| THURSDAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APRIL 9, 2015 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 099-100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 36h 11m 2s | | | | | | | | | | | | | | 0000 RTLT 36h 11m 0s | | | | | | | | | | | | | |
| RTLT: 36h 11m 2s | | | | | | | | | | | | | | | | 2022 -- 2103 TAPPOS | | | | | | | | | | | | | |
| CCSL: A094 | | 1232 * 1237 A095 CHKSUM | | | | | | | | | | | | | | U/L 2255 - ----- TLC (SHORT-FORM) ----- | | | | | | | | | | | | | |
| FDSL: 11AF | | 1255 * 1258 2 AHEL12 SID MRO'S | | | | | | | | | | | | | | 2324 2326 PWS/RH | | | | | | | | | | | | | |
| TWNC: ON | | 1335 * 1342 CCSTIM FINE | | | | | | | | | | | | | | 2336 - - - 0030 TAPPOS | | | | | | | | | | | | | |
| SB: OFF | | 1435 * 1438 CCSTIM COARSE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XB: LOW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PYR: .05/10/25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GYROS: OFF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE | | CR-5T | | | | | | | EL-40 | | | | | | | CR-5T | | | | | | | CR-5T | | | | | | |
| XB DATA RATE(MI) | | 160(32) | | | | | | | 40(30) | | | | | | | 160(32) | | | | | | | 160(32) | | | | | | |
| 31 DSN COVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS | | 1200 RTLT 29h 51m 20s | | | | | | | | | | | | | | 0000 RTLT 29h 51m 16s | | | | | | | | | | | | | |
| RTLT: 29h 51m 22s | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCSL: B167 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | [1] S/C 31=EL-40 @ 1159 XB=40(30) | | | | | | | | | | | | | | [3] A095 BACKUP U/L TRACK | | | | | | | | | | | | | |
| UTC: | | [2] S/C 31=CR-5T @ 1259 XB=160(32) | | | | | | | | | | | | | | [4] S/C 31=GS-4B @ 2324 XB=2.8K(41) NOT RECOVERABLE | | | | | | | | | | | | | |
| UTC: | | APR 09 | | | | | | | | | | | | | | APR 10 | | | | | | | | | | | | | |



ISSUE DATE: 03/25/15 12:27

| 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 11, 2015 101-102 | 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: 36h 10m 58s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF | 1200 RTLT 36h 10m 58s | | | | | | | | | | | | 0000 RTLT 36h 10m 56s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | |
| 31 DSN COVERAGE | 14 [D] 0820 0800 24 [DAR] 1440 0800 25 [DA] 1440 10 40 60 | | | | | | | | | | | | 2322 0016 TAPPOS 0224 0226 PWS/RH 0236 0344 TAPPOS ↓ 0224 GS-4B 0226 0300 55 [DAR] 0500 0300 54 [DA] 0500 10 60 | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1415 43 [D] 1630 1615 35 [D] 2305 40 | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 29h 51m 12s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF | 1200 RTLT 29h 51m 8s | | | | | | | | | | | | 0000 RTLT 29h 51m 6s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | | | | | | | | | | | | | |
| VGR COVERAGE | | | | | | | | | | | | | ON CALL | | | | | | | | | | | | |
| NOTES | [1] S/C 31=GS-4B @ 0224 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 11 | | | | | | | | | | | | APR 12 | | | | | | | | | | | | |

ISSUE DATE: 03/25/15 12:27



ISSUE DATE: 03/25/15 12:27

| 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 13, 2015 103-104 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 36h 10m 56s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 36h 10m 54s | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE | | | | | | | | | | | | | | CR-5T | | | | | | | | | | | | | |
| XB DATA RATE(MI) | | | | | | | | | | | | | | 160(32) | | | | | | | | | | | | | |
| 31 DSN COVERAGE | <p>Timeline for 31 DSN COVERAGE:</p> <ul style="list-style-type: none"> 0830 - 1120: 14 [D] (0810-0830), 24 [DAR] (0810-1120), 25 [DA] (0810-1120) 1120 - 1725: 10 (0810-1120) 1725 - 2145: 43 [D] (1725-2145), 40 (1725-2145) 60 (0810-1120) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1315 43 1635 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 29h 51m 0s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 29h 50m 58s | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: | APR 13 | | | | | | | | | | | | | APR 14 | | | | | | | | | | | | | |