

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: February 27, 2013

For the Period: 02/28/13 to 03/18/13 (13-059 – 13-077)

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FLIGHT TEAM (14) 600-100

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 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina, E.
 Peralta, F.
 Weeks, T.
 Wong, R.
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 Zottarelli, L.
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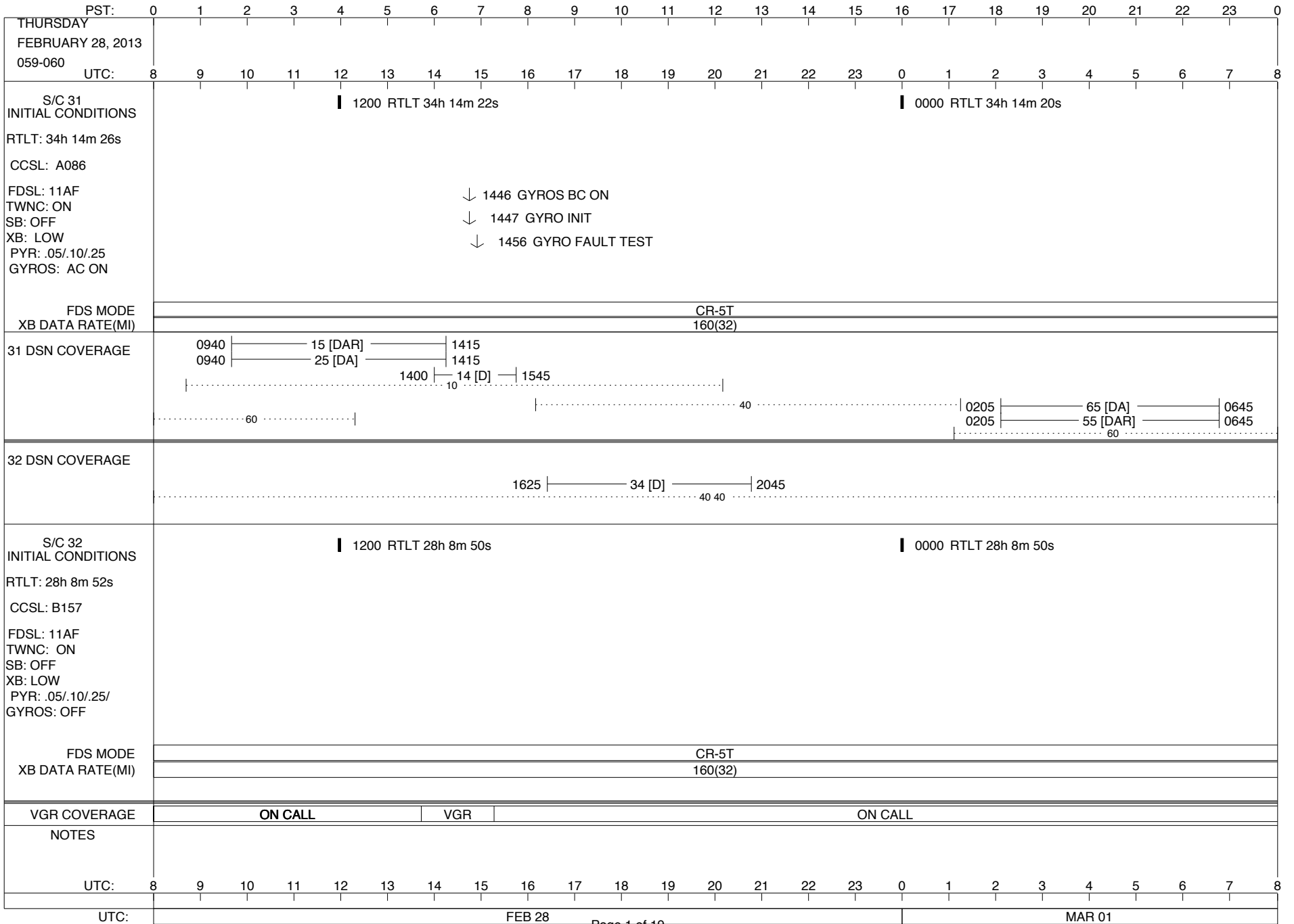
OTHER

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 * Belinda.Arroyo@jpl.nasa.gov
 * !DL-DSN-MPSETA@dsn.nasa.gov

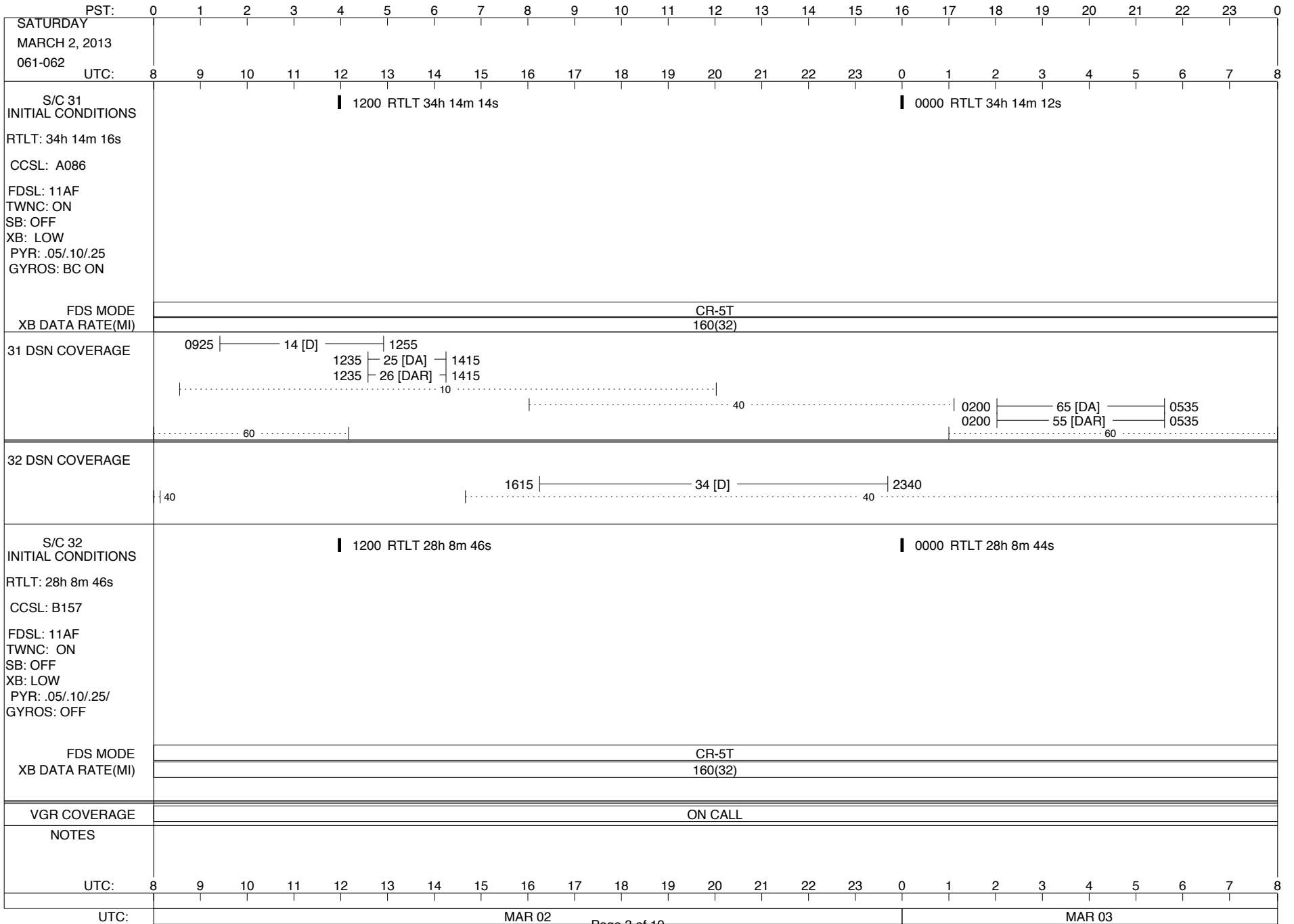
LEGEND: ∇ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = 7-Point BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

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 09/08/10

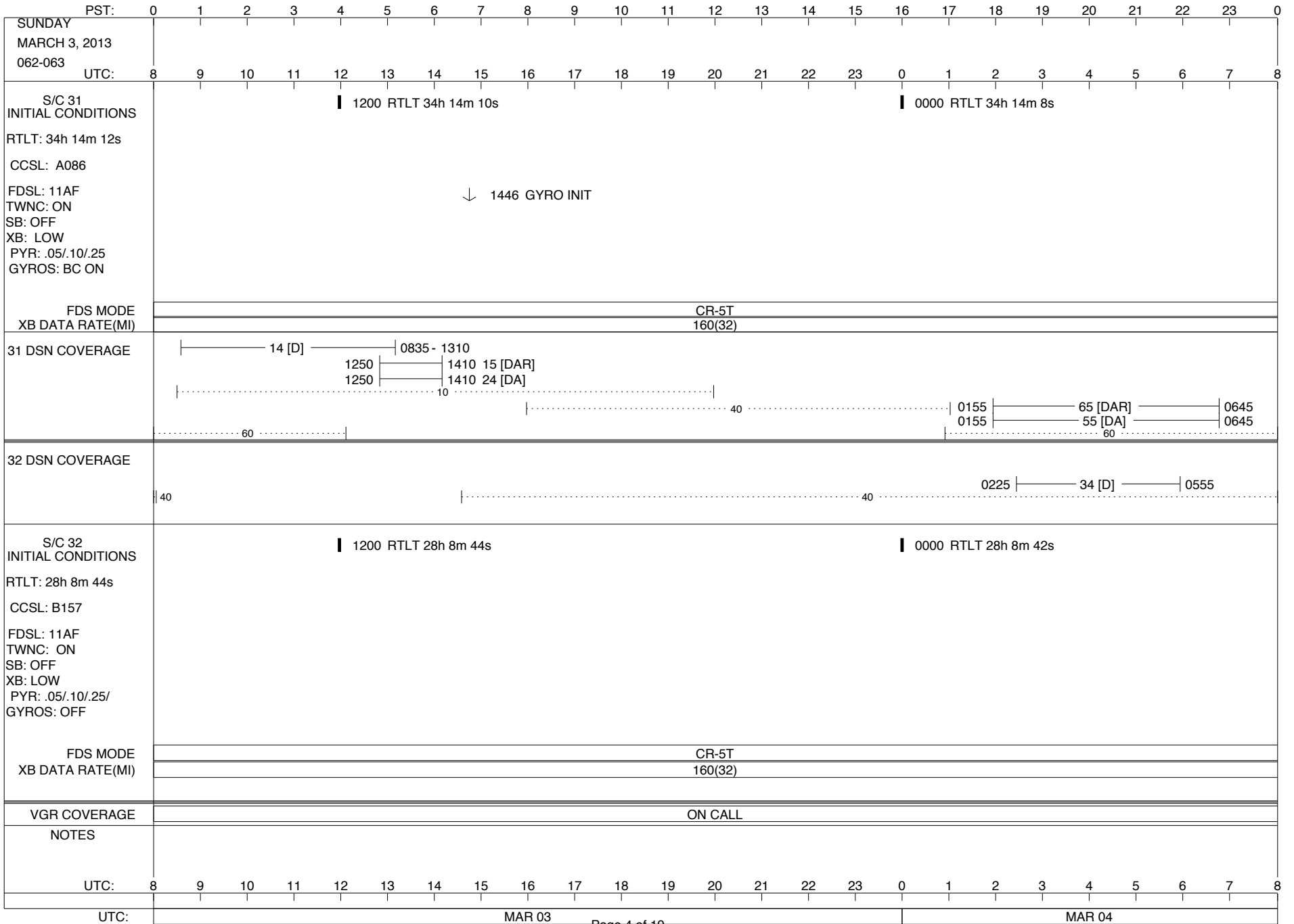
ISSUE DATE: 02/28/13 19:36



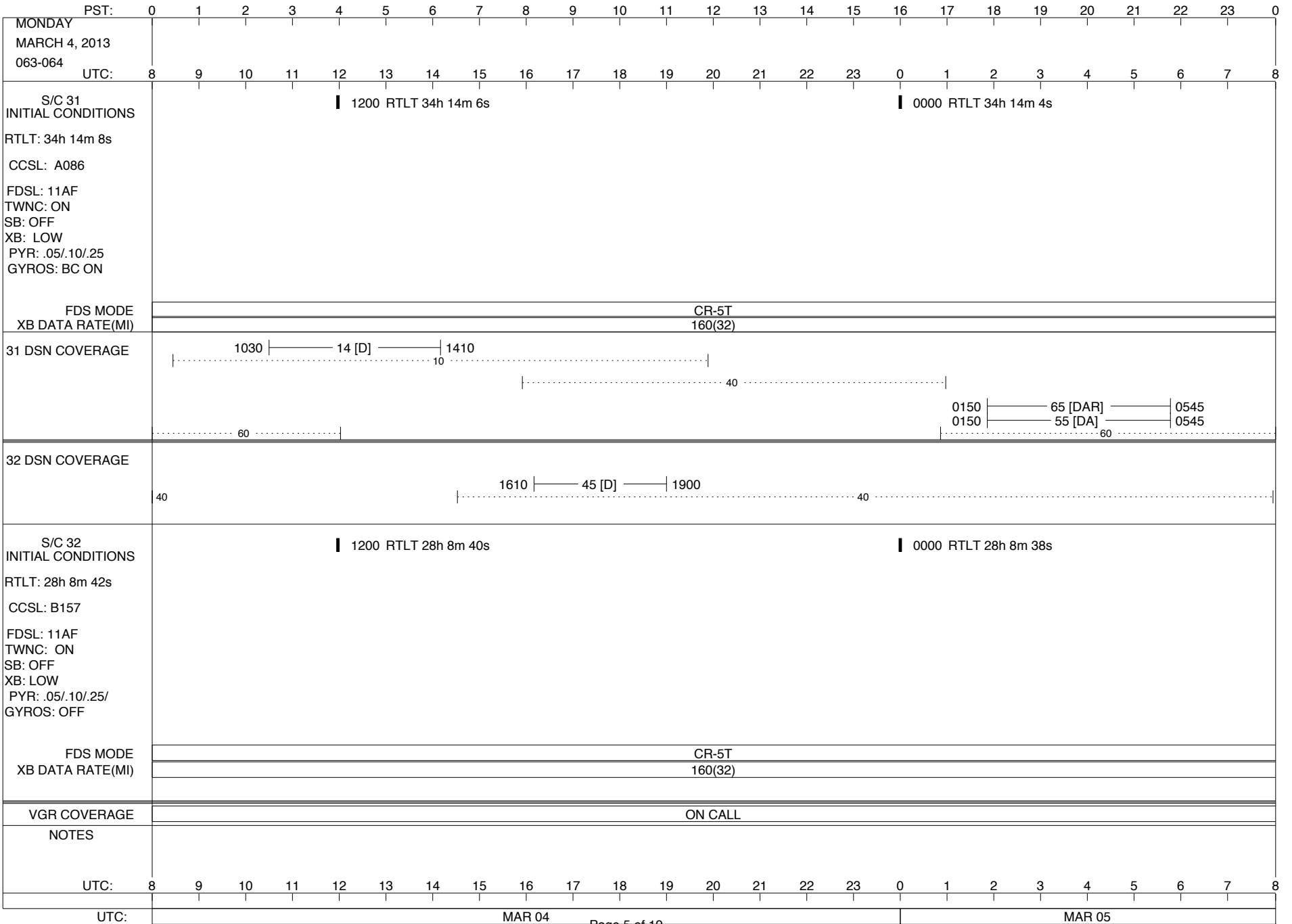
| PST: | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | | |
|---|--------|---|----|----|----|-------------------------|----|----|----|----|----|----|----|----|----|----|-------------------------|---------|----|----|----|----|----|----|---|---|--|
| FRIDAY MARCH 1, 2013 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: 34h 14m 20s CCSL: A086 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON | | | | | | █ 1200 RTLT 34h 14m 18s | | | | | | | | | | | █ 0000 RTLT 34h 14m 16s | | | | | | | | | | |
| FDS MODE | | CR-5T | | | | | | | | | | | | | | | | CR-5T | | | | | | | | | |
| XB DATA RATE(MI) | | 160(32) | | | | | | | | | | | | | | | | 160(32) | | | | | | | | | |
| 31 DSN COVERAGE | | <p>14 [D] 0840 - 1135 1115 15 [DAR] 1300 1115 25 [DA] 1300 10 40 0105 63 [D] 0240 60 60</p> | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | | <p>40 40 1635 34 [o] 2140 40</p> | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 28h 8m 50s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF | | | | | | █ 1200 RTLT 28h 8m 48s | | | | | | | | | | | █ 0000 RTLT 28h 8m 46s | | | | | | | | | | |
| 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 @ 0149 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: | MAR 01 | | | | | | | | | | | | | | | | MAR 02 | | | | | | | | | | |



ISSUE DATE: 02/28/13 19:36

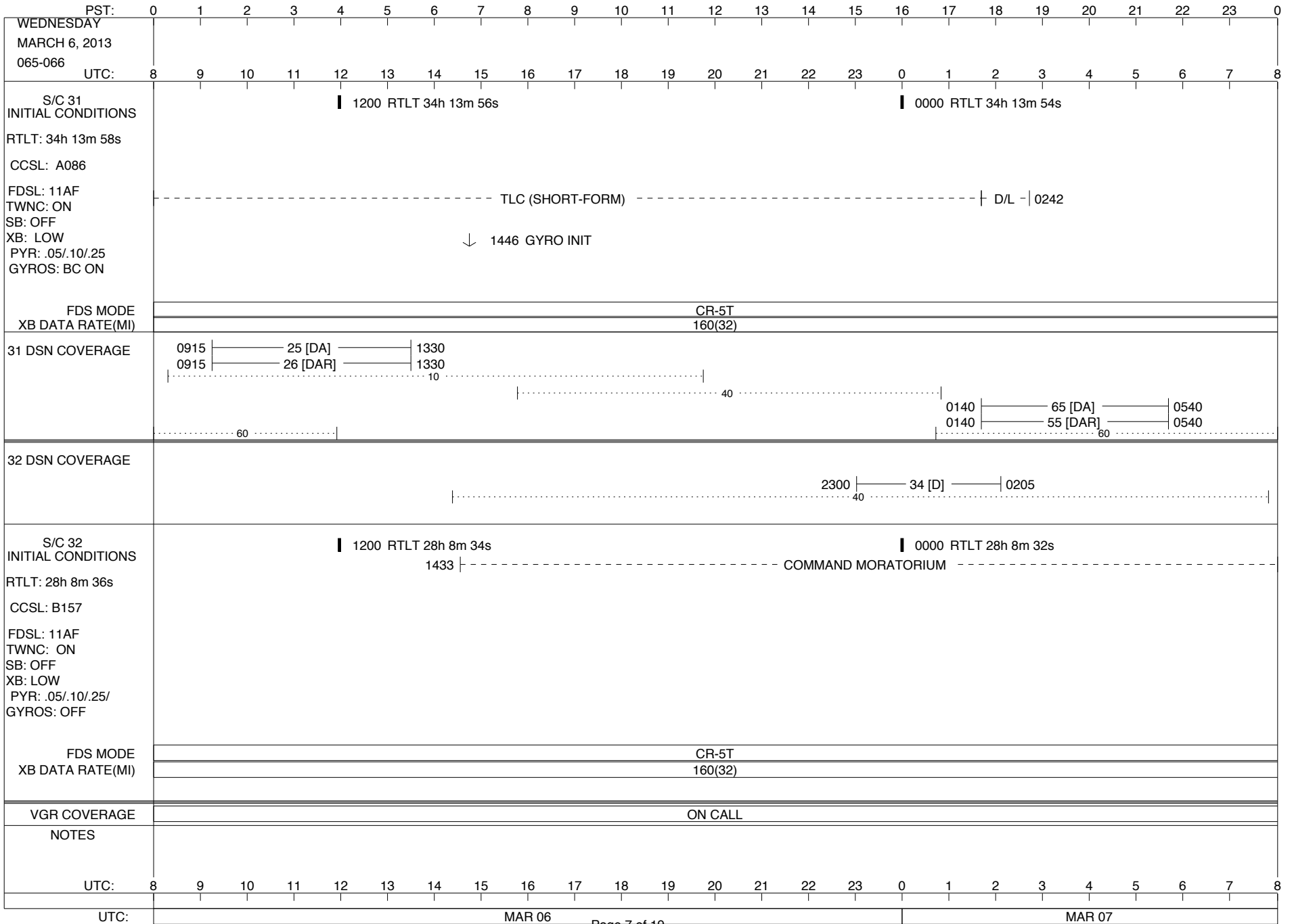


ISSUE DATE: 02/28/13 19:36



| 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 MARCH 5, 2013 064-065 | 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: 34h 14m 4s CCSL: A086 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON | 1200 RTLTL 34h 14m 2s | | | | | | | | | | | | 0000 RTLTL 34h 13m 58s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | |
| 31 DSN COVERAGE | 14 [T] 0830 - 1545 | | | | | | | | | | | | 40 | | | | | | | | | | | | |
| | 60 | | | | | | | | | | | | 0145 65 [DA] 0545 0145 55 [DAR] 0545 | | | | | | | | | | | | |
| 32 DSN COVERAGE | 2045 45 [D] 0130 | | | | | | | | | | | | 40 | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 28h 8m 38s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF | 1200 RTLTL 28h 8m 38s | | | | | | | | | | | | 0000 RTLTL 28h 8m 36s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | | | | | | | | | VGR ON CALL | | | | | | | | | | | | |
| NOTES | [1] S/C 31=GS-4B @ 1925 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: | MAR 05 | | | | | | | | | | | | MAR 06 | | | | | | | | | | | | |

ISSUE DATE: 02/28/13 19:36



| 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 7, 2013 066-067 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 34h 13m 54s CCSL: A086 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON | █ 1200 RTLT 34h 13m 52s | | | | | | | | | | | | █ 0000 RTLT 34h 13m 50s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | |
| 31 DSN COVERAGE | 0910 ----- 24 [DA] ----- 1430 0910 ----- 26 [DAR] ----- 1430 ----- 10 ----- ----- 40 ----- ----- 60 ----- | | | | | | | | | | | | 0040 ----- 63 [D] ----- 0430 ----- 60 ----- | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1600 ----- 45 [D] ----- 2005 ----- 40 ----- | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 28h 8m 32s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF | █ 1200 RTLT 28h 8m 32s | | | | | | | | | | | | █ 0000 RTLT 28h 8m 30s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | | | | | | | | | VGR ON CALL | | | | | | | | | | | | |
| NOTES | ----- COMMAND MORATORIUM ----- ↓ 1811 GYROS BC ON ↓ 1812 GYRO INIT ↓ 1821 GYRO FAULT TEST 1918 1918 CCSTIM(FINE) | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 07 | | | | | | | | | | | | MAR 08 | | | | | | | | | | | | |

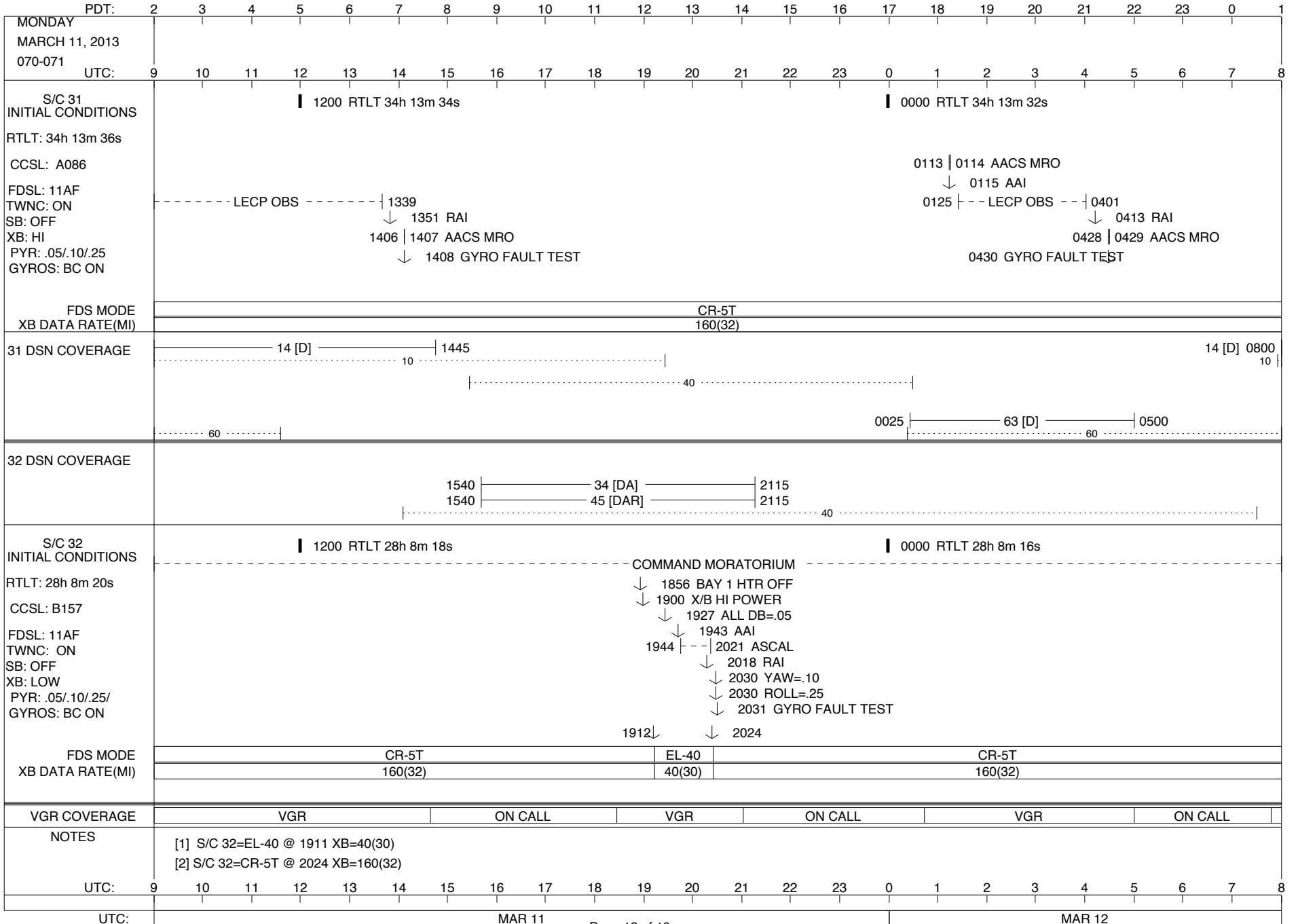
ISSUE DATE: 02/28/13 19:36

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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 | | | | | |
| FRIDAY MARCH 8, 2013 067-068 | | | | | |
| 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: 34h 13m 50s CCSL: A086 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON | <p>1200 RTLT 34h 13m 48s</p> <p>0000 RTLT 34h 13m 46s</p> <p>2223 - TAPPOS - 0012</p> <p>0125 0125 PWS/RH</p> <p>0332 - TAPPOS - - 0535</p> <p>↓ 0126 GS-4B 0125</p> | | | | |
| FDS MODE XB DATA RATE(MI) | <table border="1"> <tr> <td>CR-5T</td> <td>CR-5T</td> </tr> <tr> <td>160(32)</td> <td>160(32)</td> </tr> </table> | CR-5T | CR-5T | 160(32) | 160(32) |
| CR-5T | CR-5T | | | | |
| 160(32) | 160(32) | | | | |
| 31 DSN COVERAGE | <p>0905 15 [DA] 1445</p> <p>0905 26 [DAR] 1445</p> <p>..... 10 </p> <p>..... 40 </p> <p>..... 60 </p> <p>0225 63 [D] 0635</p> <p>..... 60 </p> | | | | |
| 32 DSN COVERAGE | <p>..... 1555 45 [D] 2150 </p> <p>..... 40 </p> | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 28h 8m 30s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: BC ON | <p>1200 RTLT 28h 8m 28s</p> <p>0000 RTLT 28h 8m 26s</p> <p>----- COMMAND MORATORIUM ----- 1403</p> | | | | |
| FDS MODE XB DATA RATE(MI) | <table border="1"> <tr> <td>CR-5T</td> </tr> <tr> <td>160(32)</td> </tr> </table> | CR-5T | 160(32) | | |
| CR-5T | | | | | |
| 160(32) | | | | | |
| VGR COVERAGE | ON CALL | | | | |
| NOTES | [1] S/C 31=GS-4B @ 0125 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: MAR 08 Page 9 of 19 MAR 09 | | | | | |

| 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 |
|---|--|---|----|----|----|----|----|----|----|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|---|
| SATURDAY MARCH 9, 2013 068-069 | 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: 34h 13m 46s CCSL: A086 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON | 1200 RTLT 34h 13m 44s | | | | | | | | | | | | 0000 RTLT 34h 13m 42s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | |
| 31 DSN COVERAGE | 14 [D] ————— 0810 - 1545 10 40 60 | | | | | | | | | | | | 0030 ————— 63 [D] ————— 0535 60 | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1550 ————— 45 [D] ————— 1955 40 | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 28h 8m 26s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: BC ON | 1200 RTLT 28h 8m 24s | | | | | | | | | | | | 0000 RTLT 28h 8m 22s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | |
| VGR COVERAGE | VGR | | | | | | | | | | | | 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 09 | | | | | | | | | | | | MAR 10 | | | | | | | | | | | | |

| PST: | 0 | 1 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 | 2 | | |
|--|--|---|----|----|----|----|----|----|----|----|----|----|----|----|--|----|----|----|----|----|----|----|----|---|-----|---|--|--|
| SUNDAY MARCH 10, 2013 069-070 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 9 | | |
| S/C 31 INITIAL CONDITIONS RTLTL: 34h 13m 42s CCSL: A086 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON | 1200 RTLT 34h 13m 40s ↓ 0911 BAY 1 HTR OFF ↓ 0915 X/B HI POWER 0927 0928 AACS MRO ↓ 0929 AAI 0939 - - LECP OBS - - 1215 ↓ 1227 RAI 1242 1243 AACS MRO ↓ 1244 GYRO FAULT TEST | | | | | | | | | | | | | | 0000 RTLT 34h 13m 36s AACS MRO 0817 - 0818 AAI 0819 ↓ LECP OBS 0829 - - | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 DSN COVERAGE | 0900 ----- 24 [DA] ----- 1305 0900 ----- 26 [DAR] ----- 1305 ----- 10 ----- ----- 40 ----- ----- 60 ----- | | | | | | | | | | | | | | 0800 14 [D] ----- 10 ----- 0030 ----- 63 [D] ----- 0425 ----- 60 ----- | | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1545 ----- 34 [D] ----- 2345 ----- 40 ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 28h 8m 22s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: BC ON | 1200 RTLT 28h 8m 22s 1518 ----- | | | | | | | | | | | | | | 0000 RTLT 28h 8m 20s ----- COMMAND MORATORIUM ----- | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VGR COVERAGE | VGR | | | | | | | | | | | | | | ON CALL | | | | | | | | | | VGR | | | |
| 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 | 9 | | |
| UTC: | MAR 10 | | | | | | | | | | | | | | MAR 11 | | | | | | | | | | | | | |

ISSUE DATE: 02/28/13 19:36



ISSUE DATE: 02/28/13 19:36

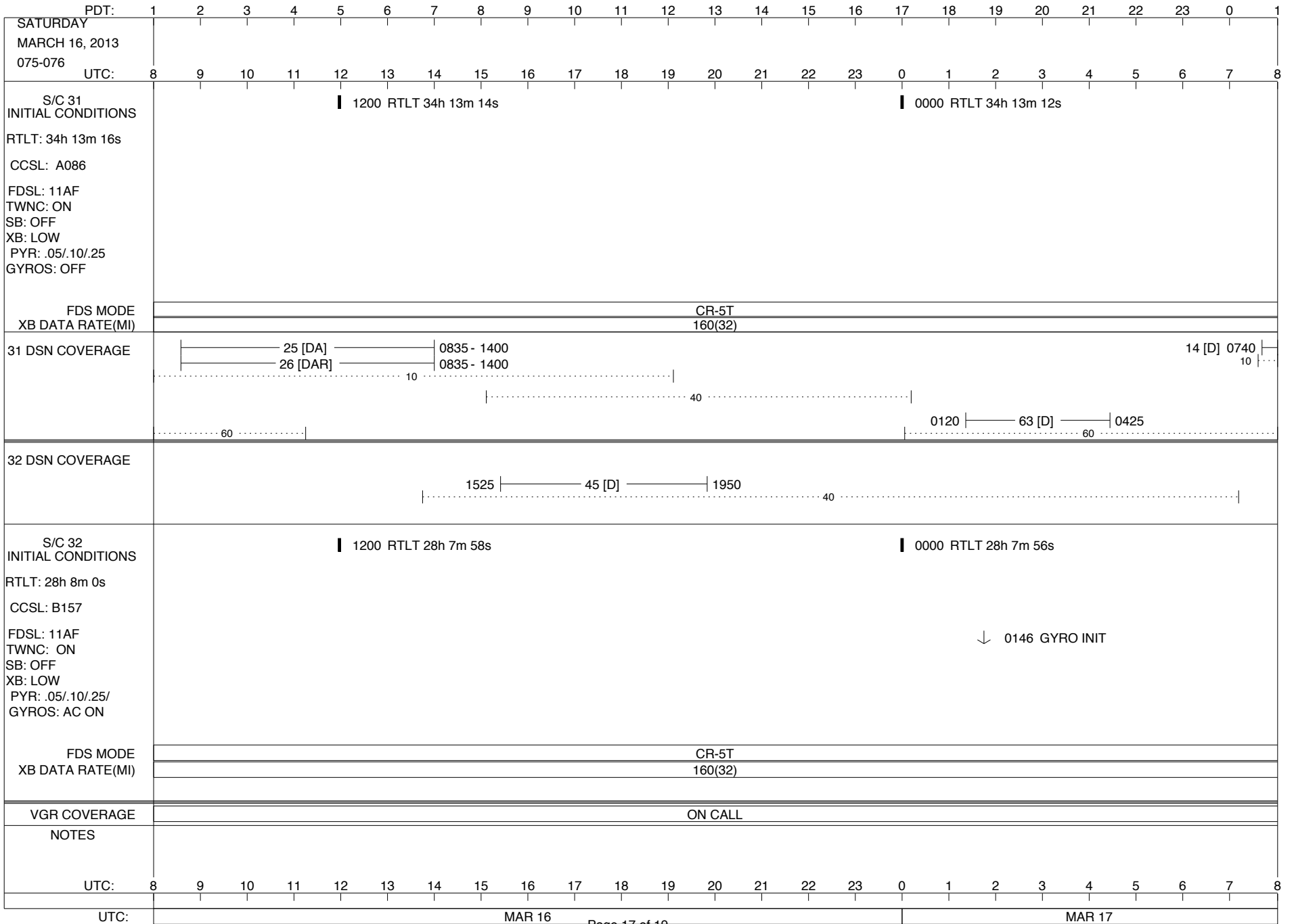
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|--|--|---|----|----|----|----|----|----|---------|----|----|----|--|----|--------|----|-----|----|----|----|----|----|----|---|---|--|--|--|
| TUESDAY MARCH 12, 2013 071-072 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTC: | 8 | 9 | 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: 34h 13m 32s CCSL: A086 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON | 1200 RTLT 34h 13m 30s 0817- 0818 AACS MRO 0819 AAI ----- LECP OBS ----- 0829 - 1339 1351 RAI 1406 1407 AACS MRO 1408 GYRO FAULT TEST 1901 1902 PWS/RH 1900 GS-4B 1901 | | | | | | | | | | | | 0000 RTLT 34h 13m 28s 0043 0044 AACS MRO 0045 AAI 0055 ----- LECP OBS ----- 0605 0110 DUMMY (11:23) 0120 ECR 112315 (11:33) 0213 TLMPRG (12:26) 0225 SID MRO'S (12:38) ↓ 0617 RAI AACS MRO 0632 0633 GYRO FAULT TEST 0634 ↓ | | | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | | | | |
| 31 DSN COVERAGE | 14 [D] ----- 0800 - 1435 ----- 10 ----- ----- 40 ----- | | | | | | | | | | | | 0035 ----- 63 ----- 0645 ----- 60 ----- | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1535 ----- 34 [D] ----- 2045 ----- 40 ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 28h 8m 16s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25/ GYROS: BC ON | 1200 RTLT 28h 8m 14s ----- COMMAND MORATORIUM ----- 1438 | | | | | | | | | | | | 0000 RTLT 28h 8m 12s | | | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VGR COVERAGE | VGR | | | | | | | | ON CALL | | | | | | | | VGR | | | | | | | | | | | |
| NOTES | [1] S/C 31=GS-4B @ 1900 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: | MAR 12 | | | | | | | | | | | | | | MAR 13 | | | | | | | | | | | | | |

ISSUE DATE: 02/28/13 19:36

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|------------------------------|--|--|---|----|----|----|----|----|----|----|-----|----|----|----|-----------------------|----|----|----|----|---------|----|----|----|----|---|---|--|--|
| PDT: | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 | | |
| WEDNESDAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MARCH 13, 2013 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 072-073 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | 1200 RTLT 34h 13m 26s | | | | | | | | | | | | | 0000 RTLT 34h 13m 24s | | | | | | | | | | | | | |
| RTLT: 34h 13m 28s | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCSL: A086 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDSL: 11AF | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TWNC: ON | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SB: OFF | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XB: HI | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PYR: .05/.10/.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GYROS: BC ON | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE | | | | | | | | | | | | | | | CR-5T | | | | | | | | | | | | | |
| XB DATA RATE(MI) | | | | | | | | | | | | | | | 160(32) | | | | | | | | | | | | | |
| 31 DSN COVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS | | 1200 RTLT 28h 8m 10s | | | | | | | | | | | | | 0000 RTLT 28h 8m 8s | | | | | | | | | | | | | |
| RTLT: 28h 8m 12s | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCSL: B157 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDSL: 11AF | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TWNC: ON | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SB: OFF | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XB: HI | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PYR: .05/.10/.25/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GYROS: BC ON | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE | | | | | | | | | | | | | | | CR-5T | | | | | | | | | | | | | |
| XB DATA RATE(MI) | | | | | | | | | | | | | | | 160(32) | | | | | | | | | | | | | |
| VGR COVERAGE | | ON CALL | | | | | | | | | VGR | | | | | | | | | ON CALL | | | | | | | | |
| NOTES | | [1] S/C 31 D/L AGC & SNR VARIATIONS EXPECTED DURING MAGROL (1013-1608) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 13 | | | | | | | | | | | | | MAR 14 | | | | | | | | | | | | | |

| PDT: | 1 | 2 | 3 | 4 | 5 | 6 | 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 | 8 |
|---|---|---|----|----|--------|----|----|----|---------|----|----|----|--|----|--------|----|---------|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|
| THURSDAY MARCH 14, 2013 073-074 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 34h 13m 24s CCSL: A086 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | █ 1200 RTLT 34h 13m 22s | | | | | | | | | | | | █ 0000 RTLT 34h 13m 20s | | | | | | | | | | | | | | | | | | | |
| | * 1227 1238 TLMPRG | | | | | | | | | | | | * 1239 1249 ECR 112315 SID MRO'S | | | | | | | | | | | | | | | | | | | |
| | 1349 1355 ECR 112128 SID MRO'S | | | | | | | | | | | | 1356 1402 ECR 112128 REDUNDANT SID MRO'S | | | | | | | | | | | | | | | | | | | |
| | EL-40 1202 ↓ | | | | | | | | | | | | ↓ 1402 CR-5T | | | | | | | | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | EL-40 | | | | CR-5T | | | | | | | | | | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | 40(30) | | | | 160(32) | | | | | | | | | | | | | | | | | | | | | | | |
| 31 DSN COVERAGE | 14 [D] ----- 1445 | | | | | | | | | | | | ----- 10 ----- 40 ----- 10 | | | | | | | | | | | | | | | | | | | |
| | ----- 60 ----- | | | | | | | | | | | | 0115 ----- 65 [DA] ----- 0335 0115 ----- 55 [DAR] ----- 0335 ----- 60 ----- | | | | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1845 ----- 34 [DAR] ----- 0215 | | | | | | | | | | | | 1845 ----- 45 [DA] ----- 0105 ----- 40 ----- | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 28h 8m 8s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25/ GYROS: BC ON | █ 1200 RTLT 28h 8m 6s | | | | | | | | | | | | █ 0000 RTLT 28h 8m 4s | | | | | | | | | | | | | | | | | | | |
| | ----- COMMAND MORATORIUM ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ↓ 1921 AAI | | | | | | | | | | | | 1924 ----- MAGROL ----- 0120 | | | | | | | | | | | | | | | | | | | |
| | ↓ 0113 RAI | | | | | | | | | | | | ↓ 0120 GYROS STAY ON | | | | | | | | | | | | | | | | | | | |
| | ↓ 0120 CRU | | | | | | | | | | | | ↓ 0122 X/B LOW POWER | | | | | | | | | | | | | | | | | | | |
| | ↓ 0126 BAY 1 HTR ON | | | | | | | | | | | | ↓ 0145 GYRO SWAP AC ON | | | | | | | | | | | | | | | | | | | |
| | ↓ 0146 GYRO INIT | | | | | | | | | | | | ↓ 0155 GYRO FAULT TEST | | | | | | | | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | VGR | | | | ON CALL | | | | VGR | | | | ON CALL | | | | | | | | | | | | | | | |
| NOTES | [1] S/C 31=EL-40 XB=40(30) @ 1202 [2] S/C 31=CR-5T XB=160(32) @ 1402 [3] S/C 32 D/L AGC & SNR VARIATIONS EXPECTED DURING MAGROL (1924-0119) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 14 | | | | | | | | | | | | | | MAR 15 | | | | | | | | | | | | | | | | | |

| PDT: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 | | | |
|--|--|---|----|----|----|----|----|----|----|----|----|----|-----------------------------------|----|--------|----|----|----|----|----|----|----|----|---|---|--|--|--|
| FRIDAY MARCH 15, 2013 074-075 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 34h 13m 20s CCSL: A086 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 34h 13m 18s | | | | | | | | | | | | 0000 RTLT 34h 13m 16s | | | | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | CR-5T | | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | 160(32) | | | | | | | | | | | | | | | |
| 31 DSN COVERAGE | 15 [DA] 0840 - 1345 25 [DAR] 0840 - 1345104060 | | | | | | | | | | | | 0010 63 [D] 053560 | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1525 34 [D] 200540..... | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 28h 8m 4s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: AC ON | 1200 RTLT 28h 8m 2s | | | | | | | | | | | | 0000 RTLT 28h 8m 0s | | | | | | | | | | | | | | | |
| 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 @ 0100 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: | MAR 15 | | | | | | | | | | | | | | MAR 16 | | | | | | | | | | | | | |



| PDT: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 | |
|---|--|---|----|----|----|----|----|----|----|----|----|----|---|--------|----|----|----|----|----|----|----|----|----|---|---|--|
| SUNDAY MARCH 17, 2013 076-077 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 34h 13m 12s CCSL: A086 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | █ 1200 RTLT 34h 13m 10s | | | | | | | | | | | | █ 0000 RTLT 34h 13m 8s | | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | CR-5T | | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | 160(32) | | | | | | | | | | | | | |
| 31 DSN COVERAGE | 14 [D] 1310 40 60 | | | | | | | | | | | | 0030 63 [D] 0615 60 | | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1520 45 [D] 2345 40 | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 28h 7m 56s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: AC ON | █ 1200 RTLT 28h 7m 54s | | | | | | | | | | | | █ 0000 RTLT 28h 7m 50s | | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | CR-5T | | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | 160(32) | | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | | | | | | | | | 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 17 | | | | | | | | | | | | | MAR 18 | | | | | | | | | | | | |

| PDT: | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 0 | 1 | | |
|---|---|---|----|----|----|----|----|----|----|----|----|----|----|------------------|----|----|----|----|----|----|----|----|----|---|---|--|--|
| MONDAY MARCH 18, 2013 077-078 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 34h 13m 8s CCSL: A086 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | <div style="text-align: center;"> <p>1200 RTLT 34h 13m 6s</p> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | | |
| 31 DSN COVERAGE | <div style="text-align: center;"> <p>1040 ----- 14 [D] ----- 1440 10</p> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | <div style="text-align: center;"> <p>1515 ----- 34 [D] ----- 1925</p> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 28h 7m 50s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: AC ON | <div style="text-align: center;"> <p>1200 RTLT 28h 7m 48s</p> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 18 | | | | | | | | | | | | | MAR 19 | | | | | | | | | | | | | |