

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: September 12, 2012

For the Period: 09/13/12 to 10/01/12 (12-257 – 12-275)

DSN OPSCHIEF (1) 230-102

SCIENCE

FLIGHT TEAM (14) 600-100

DSOT (1) 230-102

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 Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina, E.
 Peralta, F.
 Weeks, T.
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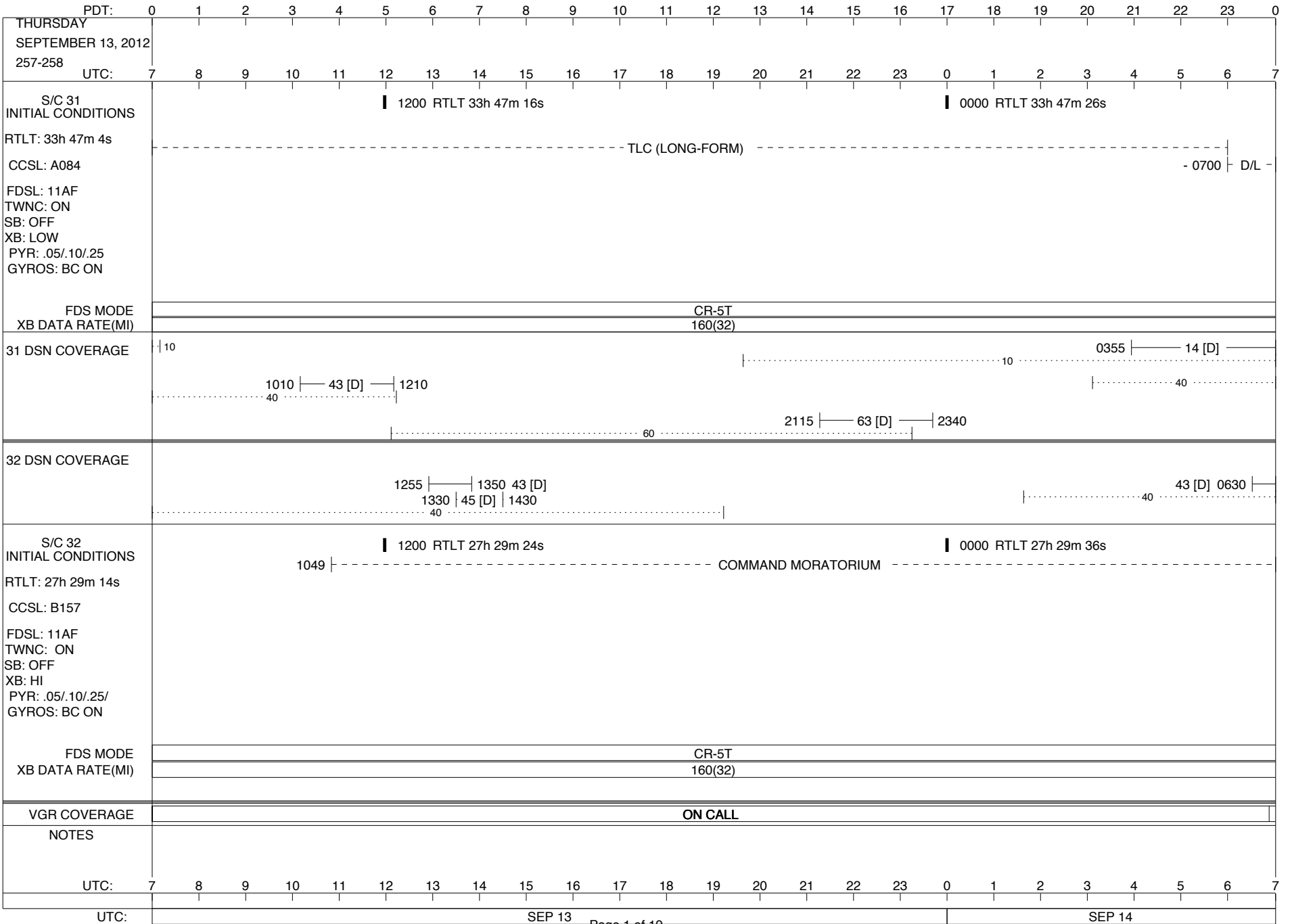
OTHER

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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

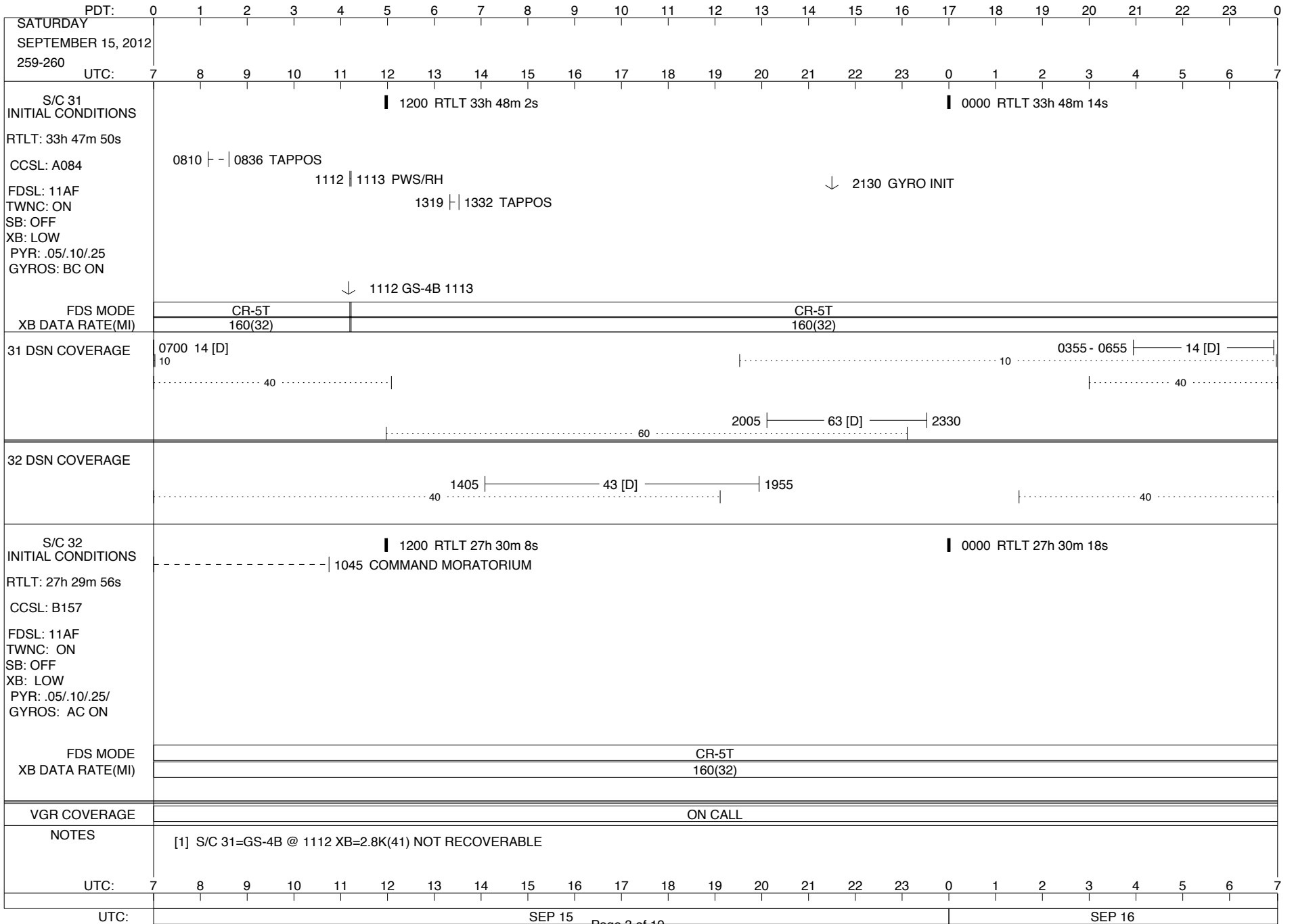
*Electronic Copy Only
 (16 – Dist/N: Paper Copies)
 09/08/10

ISSUE DATE: 09/12/12 19:48

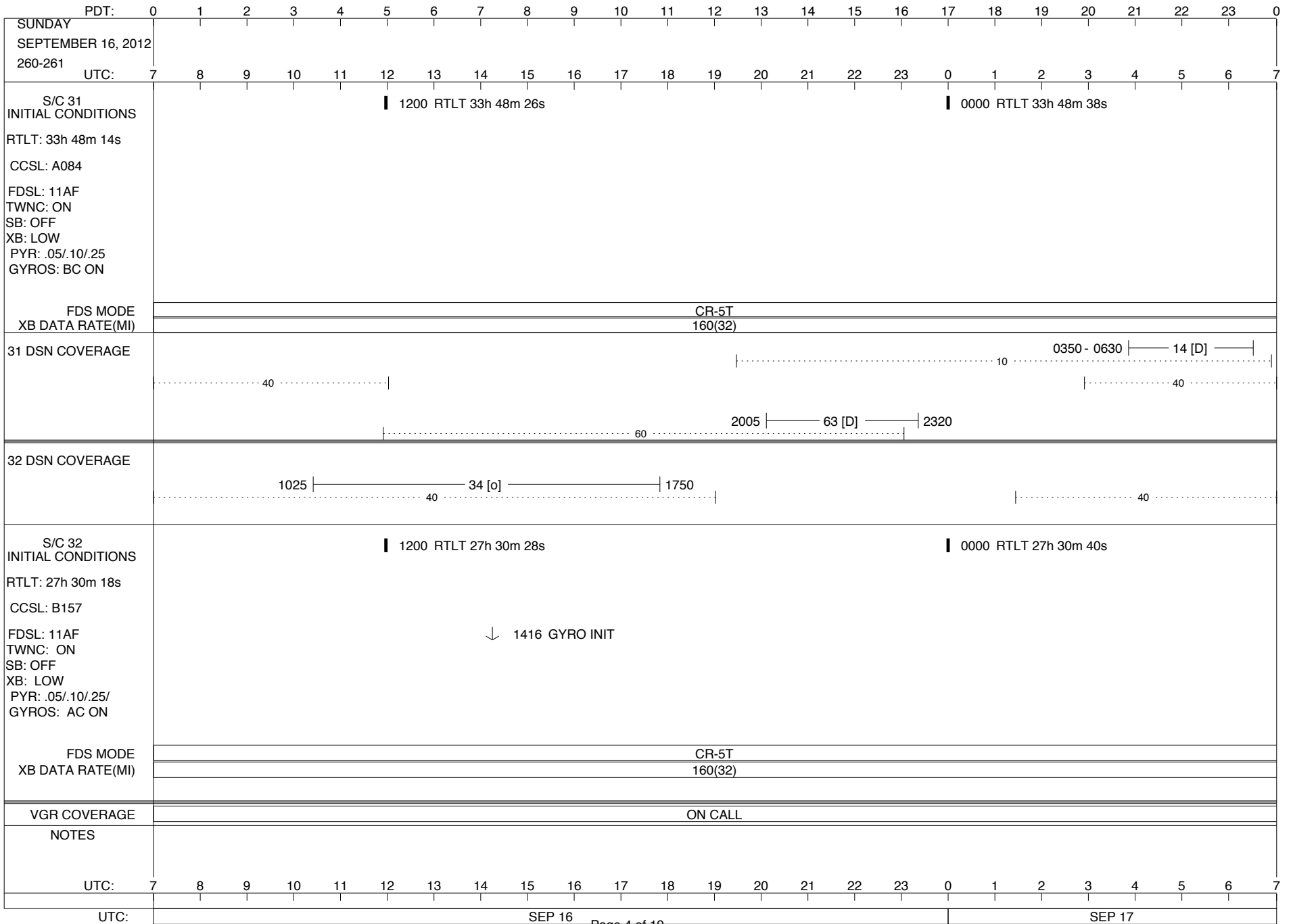


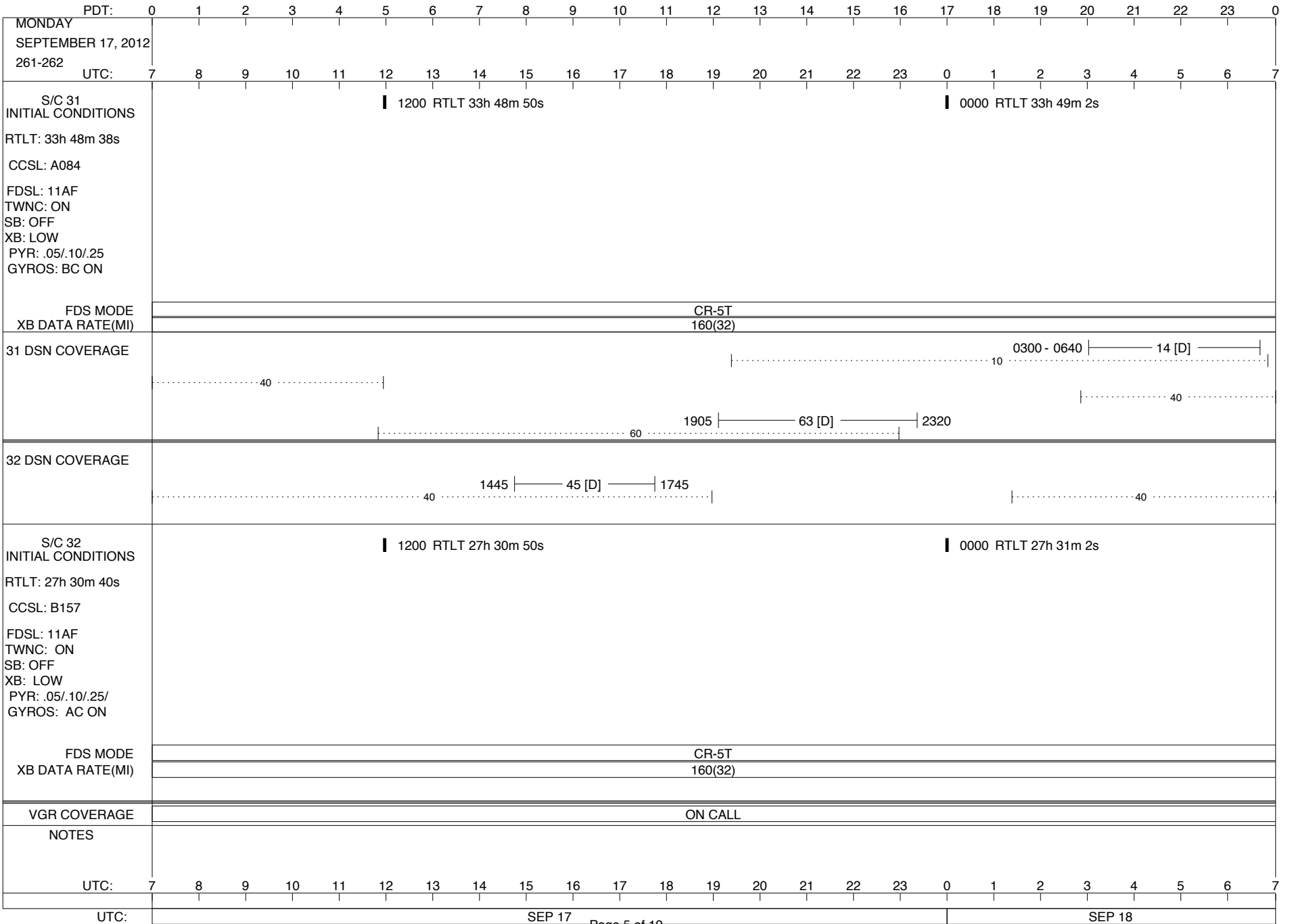
ISSUE DATE: 09/12/12 19:48

| 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 SEPTEMBER 14, 2012 258-259 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 33h 47m 26s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON | | 1200 RTLTL 33h 47m 38s | | | | | | | | | | | | | | 0000 RTLTL 33h 47m 50s | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | | |
| 31 DSN COVERAGE | | 0705 14 [D] 10 | | | | | | | | | | | | | | 0410 - 0700 14 [D] 10 | | | | | | | | | | | | | |
| | |40..... | | | | | | | | | | | | | |40..... | | | | | | | | | | | | | |
| | |60..... | | | | | | | | | | | | | | 1920 63 [D] 2335 | | | | | | | | | | | | | |
| 32 DSN COVERAGE | |43 [D] 1440 | | | | | | | | | | | | | |40..... | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 27h 29m 36s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25/ GYROS: BC ON | | 1200 RTLTL 27h 29m 46s | | | | | | | | | | | | | | 0000 RTLTL 27h 29m 56s | | | | | | | | | | | | | |
| | | ----- COMMAND MORATORIUM ----- | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 0722 - 0723 TEMP CRS CMD WORDS UPD ↓ 0750 RAI | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 0753 ----- MAGROL ----- 1350 | | | | | | | | | | | | | | ↓ 1341 RAI ↓ 1349 GYROS STAY ON ↓ 1352 X/B LOW POWER ↓ 1356 BAY 1 HTR ON ↓ 1401 RESTORE CRS CMD WORDS ↓ 1415 GYRO SWAP AC ON ↓ 1425 GYRO FAULT TEST | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | | |
| VGR COVERAGE | | 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: | | SEP 14 | | | | | | | | | | | | | | SEP 15 | | | | | | | | | | | | | |



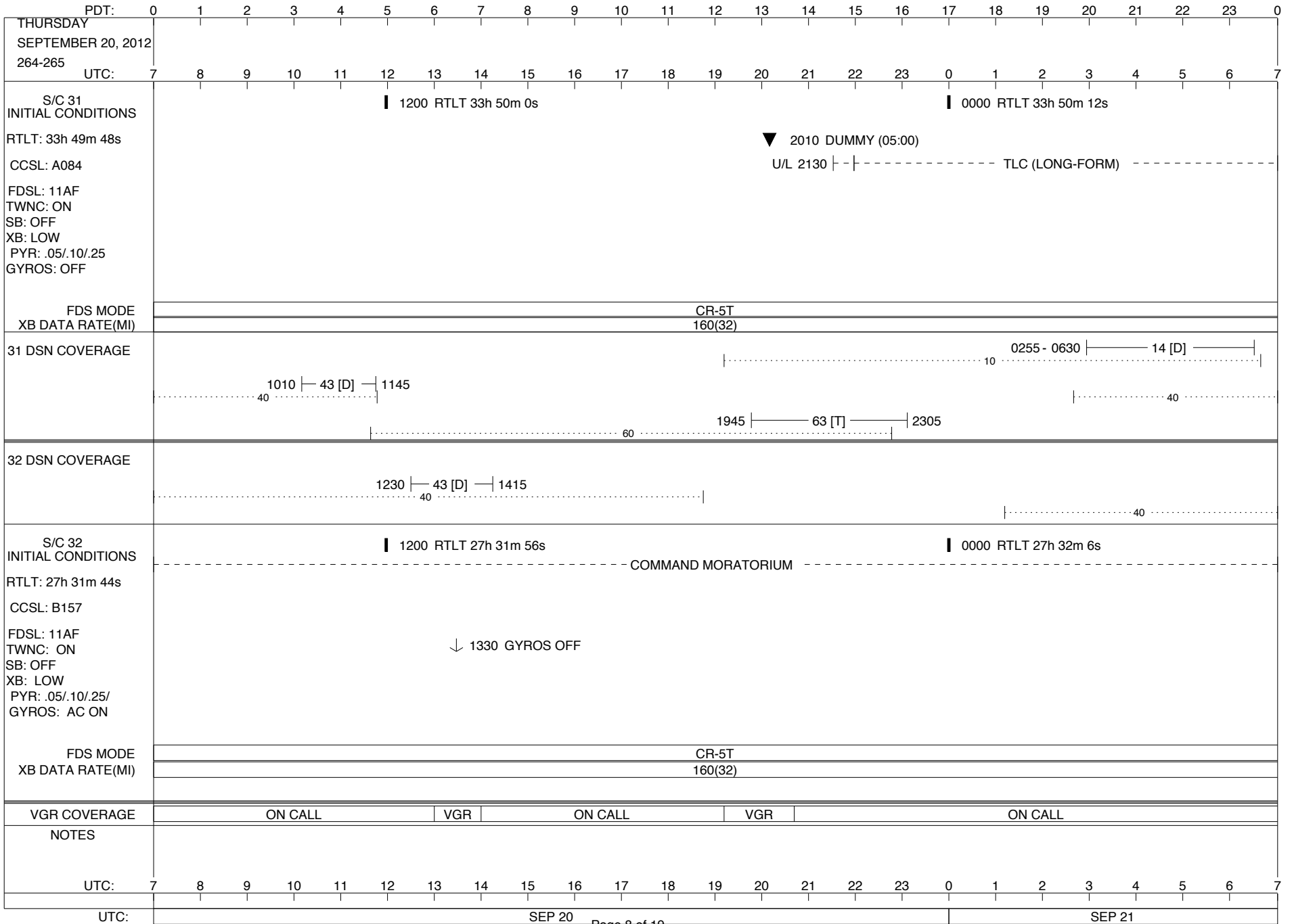
ISSUE DATE: 09/12/12 19:48





| 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 SEPTEMBER 18, 2012 262-263 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 33h 49m 2s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON | 1200 RTLTL 33h 49m 12s | | | | | | | | | | | | 0000 RTLTL 33h 49m 24s | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | | CR-5T | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | | 160(32) | | | | | | | | | | | | |
| 31 DSN COVERAGE | 1005 43 [D] 1150 | | | | | | | | | | | | 0245 24 [DAR] 0600 0245 25 [DA] 0600 | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1250 43 [B] 1725 | | | | | | | | | | | | 0600 45 [D] | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 27h 31m 2s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: AC ON | 1200 RTLTL 27h 31m 12s | | | | | | | | | | | | 0000 RTLTL 27h 31m 22s | | | | | | | | | | | | |
| 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 @ 0448 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: | SEP 18 | | | | | | | | | | | | SEP 19 | | | | | | | | | | | | |

ISSUE DATE: 09/12/12 19:48



ISSUE DATE: 09/12/12 19:48

| 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 SEPTEMBER 21, 2012 265-266 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 33h 50m 12s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 DSN COVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 27h 32m 6s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| VGR COVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: | | | | | | | | | | | | | | | | | | | | | | | | | |

| 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 SEPTEMBER 22, 2012 266-267 | 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: 33h 50m 34s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 33h 50m 46s | | | | | | | | | | | | 0000 RTLT 33h 50m 58s | | | | | | | | | | | | |
| TLC (LONG-FORM) D/L - 0848 0747 0748 TAPPOS 1049 1050 PWS/RH 1257 1312 TAPPOS ↓ 1049 GS-4B 1050 | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | CR-5T 160(32) | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | |
| 31 DSN COVERAGE | 40 | | | | | | | | | | | | 0115 - 0625 14 [D] 10 40 | | | | | | | | | | | | |
| 32 DSN COVERAGE | 1215 40 43 [o] 1600 | | | | | | | | | | | | 40 | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 27h 32m 28s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF | 1200 RTLT 27h 32m 40s | | | | | | | | | | | | 0000 RTLT 27h 32m 50s | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | |
| VGR COVERAGE | | | | | | | | | | | | | ON CALL | | | | | | | | | | | | |
| NOTES | [1] S/C 31=GS-4B @ 1049 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: | SEP 22 | | | | | | | | | | | | SEP 23 | | | | | | | | | | | | |

ISSUE DATE: 09/12/12 19:48

| 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 SEPTEMBER 23, 2012 267-268 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 33h 50m 58s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | | | | | | █ 1200 | | | | | | | | | | | | | | | | | | | █ 0000 | | |
| FDS MODE | | | | | | | | | | | | CR-5T | | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | | | | | | | | | | | | 160(32) | | | | | | | | | | | | | | | |
| 31 DSN COVERAGE | | | | | | | | | | | |40..... 60..... 2045 63 [D] 22550230 - 0620 14 [D]40..... | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | | | | | | | | | | | |40..... 1500 43 [o] 192540..... | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 27h 32m 50s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF | | | | | | █ 1200 | | | | | | | | | | | | | | | | | | | █ 0000 | | |
| 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: | SEP 23 | | | | | | | | | | | | | SEP 24 | | | | | | | | | | | | | |

ISSUE DATE: 09/12/12 19:48

| 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 SEPTEMBER 25, 2012 269-270 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 33h 51m 44s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLTL 33h 51m 56s | | | | | | | | | | | 0000 RTLTL 33h 52m 8s | | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | CR-5T | | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | 160(32) | | | | | | | | | | | | | |
| 31 DSN COVERAGE | <div style="display: flex; justify-content: space-between;"> 40 1915 63 2225 0230 - 0615 14 [D] 40 </div> | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | <div style="display: flex; justify-content: space-between;"> 40 1420 43 [B] 1920 40 </div> | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 27h 33m 36s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF | 1200 RTLTL 27h 33m 46s | | | | | | | | | | | 0000 RTLTL 27h 33m 58s | | | | | | | | | | | | | |
| FDS MODE | CR-5T | | | | | | | | | | | CR-5T | | | | | | | | | | | | | |
| XB DATA RATE(MI) | 160(32) | | | | | | | | | | | 160(32) | | | | | | | | | | | | | |
| VGR COVERAGE | ON CALL | | | | VGR | | | | ON CALL | | | | VGR | | | | ON CALL | | | | | | | | |
| NOTES | [1] S/C 31=GS-4B @ 0426 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: | SEP 25 | | | | | | | | | | | SEP 26 | | | | | | | | | | | | | |

ISSUE DATE: 09/12/12 19:48

| 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 SEPTEMBER 26, 2012 270-271 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 33h 52m 8s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | | | | | | █ 1200 RTLT 33h 52m 18s | | | | | | | | | | | | | | | █ 0000 RTLT 33h 52m 30s | | | | | | |
| FDS MODE | | | | | | | | | | | | | CR-5T | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | | | | | | | | | | | | | 160(32) | | | | | | | | | | | | | | |
| 31 DSN COVERAGE |40..... | | | | | | | | | | | |10.....0245 ----- 14 [D] ----- 0545 40..... | | | | | | | | | | | | | | |
| 32 DSN COVERAGE |40..... | | | | | | | | | | | |40.....1340 ----- 43 [D] ----- 1915 | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 27h 33m 58s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF | | | | | | █ 1200 RTLT 27h 34m 8s | | | | | | | | | | | | | | | | | | | | | |
| 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: | SEP 26 | | | | | | | | | | | | | SEP 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 SEPTEMBER 27, 2012 271-272 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 33h 52m 30s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | | | | | | █ 1200 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE | | | | | | | | | | | | | CR-5T | | | | | | | | | | | | | | |
| XB DATA RATE(MI) | | | | | | | | | | | | | 160(32) | | | | | | | | | | | | | | |
| 31 DSN COVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 32 DSN COVERAGE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 27h 34m 20s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF | | | | | | █ 1200 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: | SEP 27 | | | | | | | | | | | | | SEP 28 | | | | | | | | | | | | | |

ISSUE DATE: 09/12/12 19:48

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|------|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| 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 |
| 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: 33h 52m 54s
 CCSL: A084
 FDSL: 11AF
 TWNC: ON
 SB: OFF
 XB: LOW
 PYR: .05/.10/.25
 GYROS: OFF

1200 RTLT 33h 53m 4s
 0000 RTLT 33h 53m 16s

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

31 DSN COVERAGE

1705 |----- 63 [D] -----| 2240
 60

40

40

32 DSN COVERAGE

1005 |----- 43 [D] -----| 1410
 40

40

S/C 32
 INITIAL CONDITIONS
 RTLT: 27h 34m 42s
 CCSL: B157
 FDSL: 11AF
 TWNC: ON
 SB: OFF
 XB: LOW
 PYR: .05/.10/.25/
 GYROS: OFF

1200 RTLT 27h 34m 54s
 0000 RTLT 27h 35m 4s

| | |
|------------------|---------|
| 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: | SEP 28 | | | | | | | | | | | | | SEP 29 | | | | | | | | | | | |

ISSUE DATE: 09/12/12 19:48

| 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 SEPTEMBER 30, 2012 274-275 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: 33h 53m 38s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLTL 33h 53m 50s | | | | | | | | | | | | 0000 RTLTL 33h 54m 2s | | | | | | | | | | | | | |
| FDS MODE | | | | | | | | | | | | | CR-5T | | | | | | | | | | | | | |
| XB DATA RATE(MI) | | | | | | | | | | | | | 160(32) | | | | | | | | | | | | | |
| 31 DSN COVERAGE | | | | | | | | | | | | |10..... | | | | | | | | | | | | | |
| |40..... | | | | | | | | | | | |40..... | | | | | | | | | | | | | |
| |40..... | | | | | | | | | | | | 1925 -----63 [D]----- 2230 | | | | | | | | | | | | | |
| |40..... | | | | | | | | | | | |60..... | | | | | | | | | | | | | |
| 32 DSN COVERAGE | 0830 -----45 [D]----- 1230 | | | | | | | | | | | | | | | | | | | | | | | | | |
| |40..... | | | | | | | | | | | |40..... | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLTL: 27h 35m 26s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF | 1200 RTLTL 27h 35m 38s | | | | | | | | | | | | 0000 RTLTL 27h 35m 50s | | | | | | | | | | | | | |
| 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: | SEP 30 | | | | | | | | | | | | | OCT 01 | | | | | | | | | | | | |

ISSUE DATE: 09/12/12 19:48

| 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 OCTOBER 1, 2012 275-276 | 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: 33h 54m 2s CCSL: A084 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF | 1200 RTLT 33h 54m 12s | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDS MODE XB DATA RATE(MI) | | | | | | | | | | | | | | CR-5T 160(32) | | | | | | | | | | | | | |
| 31 DSN COVERAGE | <p>.....40..... </p> <p>1430 -----63----- 1945</p> <p>.....60..... </p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 DSN COVERAGE | <p>0900 -----34 [D]----- 1210</p> <p>1200 43 [D] 1300</p> <p>.....40..... </p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S/C 32 INITIAL CONDITIONS RTLT: 27h 35m 50s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF | 1200 RTLT 27h 36m 0s | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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: | OCT 01 | | | | | | | | | | | | | OCT 02 | | | | | | | | | | | | | |