Computer Programming I — Homework Assignment **#**11

**Problem:** Design a simplified Taiwan High Speed Rail Booking System

**Function:**

1. Booking: Add a new record into the end of the binary file **Reservation details.dat** (randomly generate a reservation number).
2. Booking History: Enter the contact person's ID number and reservation number to retrieve an existing reservation.

① Cancellation: Cancel the reservation

② Reduce: Decrease the number of passengers

**Requirements:**

1. Each function (include the main function) contains at most 70 instructions.

2. Global variables, except adultTicketPrice, departureTimes, southboundStations and northboundStations are not allowed.

// top-right: ticket fares for business car, bottom-left: ticket fares for standard car

int adultTicketPrice[ 13 ][ 13 ] = {

0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,

0, 0, 260, 310, 500, 700, 920, 1330, 1510, 1660, 1880, 2290, 2500,

0, 40, 0, 260, 440, 640, 850, 1250, 1430, 1600, 1820, 2230, 2440,

0, 70, 40, 0, 400, 590, 800, 1210, 1390, 1550, 1780, 2180, 2390,

0, 200, 160, 130, 0, 400, 620, 1010, 1210, 1370, 1580, 1990, 2200,

0, 330, 290, 260, 130, 0, 410, 820, 1010, 1160, 1390, 1790, 2000,

0, 480, 430, 400, 280, 140, 0, 610, 790, 950, 1160, 1580, 1790,

0, 750, 700, 670, 540, 410, 270, 0, 400, 550, 770, 1180, 1390,

0, 870, 820, 790, 670, 540, 390, 130, 0, 370, 580, 1000, 1210,

0, 970, 930, 900, 780, 640, 500, 230, 110, 0, 430, 830, 1040,

0, 1120, 1080, 1050, 920, 790, 640, 380, 250, 150, 0, 620, 820,

0, 1390, 1350, 1320, 1190, 1060, 920, 650, 530, 420, 280, 0, 410,

0, 1530, 1490, 1460, 1330, 1200, 1060, 790, 670, 560, 410, 140, 0 };

**char departureTimes[ 41 ][ 8 ] = { "",**

**"00:00", "00:30", "05:00", "05:30", "06:00", "06:30", "07:00", "07:30",**

**"08:00", "08:30", "09:00", "09:30", "10:00", "10:30", "11:00", "11:30",**

**"12:00", "12:30", "13:00", "13:30", "14:00", "14:30", "15:00", "15:30",**

**"16:00", "16:30", "17:00", "17:30", "18:00", "18:30", "19:00", "19:30",**

**"20:00", "20:30", "21:00", "21:30", "22:00", "22:30", "23:00", "23:30" };**

char southboundStations[ 13 ][ 12 ] = { "",

"Nangang", "Taipei", "Banqiao", "Taoyuan", "Hsinchu", "Miaoli",

"Taichung", "Changhua", "Yunlin", "Chiayi", "Tainan", "Zuoying" };

char northboundStations[ 13 ][ 12 ] = { "",

"Zuoying", "Tainan", "Chiayi", "Yunlin", "Changhua", "Taichung",

"Miaoli", "Hsinchu", "Taoyuan", "Banqiao", "Taipei", "Nangang" };

The format of the file Reservation details.dat is as follows:

struct Reservation

{

char reservationNumber[ 12 ]; // used to identify a reservation

char trainNumber[ 8 ]; // used to identify a train

char idNumber[ 12 ]; // the id number of the contact person

char phone[ 12 ]; // the (local or mobile) phone number of the contact person

char date[ 12 ]; // outbound date

int direction; // 1: southbound, 2: northbound

int originStation; // the origin station code

int destinationStation; // the destination station code

int carClass; // the car class code; 1:standard car, 2:business car

int adultTickets; // the number of adult tickets

int concessionTickets; // the number of concession tickets

};

struct Train

{

char trainNumber[ 8 ]; // used to identify a train 車次號碼

char departureTimes[ 13 ][ 8 ]; // the departure time of a train for each station 火車在各站的離站時間

}; // departureTimes[ 0 ] is not used departureTimes[ 0 ]未使用

// departureTimes[ i ] is the departure time of a train for station #i

Sample screen dialog **#**1

|  |
| --- |
| Taiwan High Speed Rail Booking System  Enter Your Choice  1. Booking  2. Booking History  3. End Program  ? 1  1. Southbound  2. Northbound  ? 1  Origin Station  1. Nangang  2. Taipei  3. Banqiao  4. Taoyuan  5. Hsinchu  6. Miaoli  7. Taichung  8. Changhua  9. Yunlin  10. Chiayi  11. Tainan  12. Zuoying  ? 6  Destination Station  1. Nangang  2. Taipei  3. Banqiao  4. Taoyuan  5. Hsinchu  6. Miaoli  7. Taichung  8. Changhua  9. Yunlin  10. Chiayi  11. Tainan  12. Zuoying  ? 9  1. Standard Car  2. Business Car  ? 1  Departure Date: 999  Departure Time  1. 00:00  2. 00:30  3. 05:00  4. 05:30  5. 06:00  6. 06:30  7. 07:00  8. 07:30  9. 08:00  10. 08:30  11. 09:00  12. 09:30  13. 10:00  14. 10:30  15. 11:00  16. 11:30  17. 12:00  18. 12:30  19. 13:00  20. 13:30  21. 14:00  22. 14:30  23. 15:00  24. 15:30  25. 16:00  26. 16:30  27. 17:00  28. 17:30  29. 18:00  30. 18:30  31. 19:00  32. 19:30  33. 20:00  34. 20:30  35. 21:00  36. 21:30  37. 22:00  38. 22:30  39. 23:00  40. 23:30  ? 22  How many adult tickets? 2  How many concession tickets? 3  Train No. Departure Arrival  833 14:58 15:41  837 15:58 16:41  841 16:58 17:41  845 17:58 18:41  849 18:58 19:41  853 19:58 20:41  857 20:58 21:41  861 21:58 22:41  Train Number: 645  Train Number: 833  Trip Details  Date Train No. From To Departure Arrival Adult Concession Fare Class  999 833 Miaoli Yunlin 14:58 15:41 500\*2 250\*3 1750 Standard  Enter Contact Person Information  Identification: 999  Phone: 999  Reservation Number: 05252844  Reservation Completed!  Enter Your Choice  1. Booking  2. Booking History  3. End Program  ? 2  Identification: 999  Reservation Number: 05252844  Trip Details  Date Train No. From To Departure Arrival Adult Concession Fare Class  999 833 Miaoli Yunlin 14:58 15:41 500\*2 250\*3 1750 Standard  Enter Your Choice  1. Cancel  2. Reduce  3. End  ? 2  How many adult tickets to cancel？1  How many concession tickets to cancel？1  You have successfully reduced the number of tickets!  Enter Your Choice  1. Booking  2. Booking History  3. End Program  ? 3  Thank you. Goodbye. |

Sample screen dialog **#**2

|  |
| --- |
| Taiwan High Speed Rail Booking System  Enter Your Choice  1. Booking  2. Booking History  3. End Program  ? 2  Identification: 999  Reservation Number: 05252844  Trip Details  Date Train No. From To Departure Arrival Adult Concession Fare Class  999 833 Miaoli Yunlin 14:58 15:41 500\*1 250\*2 1000 Standard  Enter Your Choice  1. Cancel  2. Reduce  3. End  ? 3  Enter Your Choice  1. Booking  2. Booking History  3. End Program  ? 3  Thank you. Goodbye. |

Sample screen dialog **#**3

|  |
| --- |
| Taiwan High Speed Rail Booking System  Enter Your Choice  1. Booking  2. Booking History  3. End Program  ? 1  1. Southbound  2. Northbound  ? 1  Origin Station  1. Nangang  2. Taipei  3. Banqiao  4. Taoyuan  5. Hsinchu  6. Miaoli  7. Taichung  8. Changhua  9. Yunlin  10. Chiayi  11. Tainan  12. Zuoying  ? 6  Destination Station  1. Nangang  2. Taipei  3. Banqiao  4. Taoyuan  5. Hsinchu  6. Miaoli  7. Taichung  8. Changhua  9. Yunlin  10. Chiayi  11. Tainan  12. Zuoying  ? 9  1. Standard Car  2. Business Car  ? 2  Departure Date: 999  Departure Time  1. 00:00  2. 00:30  3. 05:00  4. 05:30  5. 06:00  6. 06:30  7. 07:00  8. 07:30  9. 08:00  10. 08:30  11. 09:00  12. 09:30  13. 10:00  14. 10:30  15. 11:00  16. 11:30  17. 12:00  18. 12:30  19. 13:00  20. 13:30  21. 14:00  22. 14:30  23. 15:00  24. 15:30  25. 16:00  26. 16:30  27. 17:00  28. 17:30  29. 18:00  30. 18:30  31. 19:00  32. 19:30  33. 20:00  34. 20:30  35. 21:00  36. 21:30  37. 22:00  38. 22:30  39. 23:00  40. 23:30  ? 22  How many adult tickets? 3  How many concession tickets? 2  Train No. Departure Arrival  833 14:58 15:41  837 15:58 16:41  841 16:58 17:41  845 17:58 18:41  849 18:58 19:41  853 19:58 20:41  857 20:58 21:41  861 21:58 22:41  Train Number: 861  Trip Details  Date Train No. From To Departure Arrival Adult Concession Fare Class  999 861 Miaoli Yunlin 21:58 22:41 950\*3 475\*2 3800 Business  Enter Contact Person Information  Identification: 999  Phone: 999  Reservation Number: 75170608  Reservation Completed!  Enter Your Choice  1. Booking  2. Booking History  3. End Program  ? 3  Thank you. Goodbye. |

Sample screen dialog **#**4

|  |
| --- |
| Taiwan High Speed Rail Booking System  Enter Your Choice  1. Booking  2. Booking History  3. End Program  ? 1  1. Southbound  2. Northbound  ? 2  Origin Station  1. Zuoying  2. Tainan  3. Chiayi  4. Yunlin  5. Changhua  6. Taichung  7. Miaoli  8. Hsinchu  9. Taoyuan  10. Banqiao  11. Taipei  12. Nangang  ? 4  Destination Station  1. Zuoying  2. Tainan  3. Chiayi  4. Yunlin  5. Changhua  6. Taichung  7. Miaoli  8. Hsinchu  9. Taoyuan  10. Banqiao  11. Taipei  12. Nangang  ? 7  1. Standard Car  2. Business Car  ? 1  Departure Date: 999  Departure Time  1. 00:00  2. 00:30  3. 05:00  4. 05:30  5. 06:00  6. 06:30  7. 07:00  8. 07:30  9. 08:00  10. 08:30  11. 09:00  12. 09:30  13. 10:00  14. 10:30  15. 11:00  16. 11:30  17. 12:00  18. 12:30  19. 13:00  20. 13:30  21. 14:00  22. 14:30  23. 15:00  24. 15:30  25. 16:00  26. 16:30  27. 17:00  28. 17:30  29. 18:00  30. 18:30  31. 19:00  32. 19:30  33. 20:00  34. 20:30  35. 21:00  36. 21:30  37. 22:00  38. 22:30  39. 23:00  40. 23:30  ? 22  How many adult tickets? 2  How many concession tickets? 3  Train No. Departure Arrival  834 15:12 15:56  838 16:12 16:56  842 17:12 17:56  846 18:12 18:56  850 19:12 19:56  854 20:12 20:56  858 21:12 21:56  862 22:16 23:00  Train Number: 854  Trip Details  Date Train No. From To Departure Arrival Adult Concession Fare Class  999 854 Yunlin Miaoli 20:12 20:56 500\*2 250\*3 1750 Standard  Enter Contact Person Information  Identification: 999  Phone: 999  Reservation Number: 93105726  Reservation Completed!  Enter Your Choice  1. Booking  2. Booking History  3. End Program  ? 3  Thank you. Goodbye. |

Sample screen dialog **#**5

|  |
| --- |
| Taiwan High Speed Rail Booking System  Enter Your Choice  1. Booking  2. Booking History  3. End Program  ? 1  1. Southbound  2. Northbound  ? 2  Origin Station  1. Zuoying  2. Tainan  3. Chiayi  4. Yunlin  5. Changhua  6. Taichung  7. Miaoli  8. Hsinchu  9. Taoyuan  10. Banqiao  11. Taipei  12. Nangang  ? 4  Destination Station  1. Zuoying  2. Tainan  3. Chiayi  4. Yunlin  5. Changhua  6. Taichung  7. Miaoli  8. Hsinchu  9. Taoyuan  10. Banqiao  11. Taipei  12. Nangang  ? 7  1. Standard Car  2. Business Car  ? 2  Departure Date: 999  Departure Time  1. 00:00  2. 00:30  3. 05:00  4. 05:30  5. 06:00  6. 06:30  7. 07:00  8. 07:30  9. 08:00  10. 08:30  11. 09:00  12. 09:30  13. 10:00  14. 10:30  15. 11:00  16. 11:30  17. 12:00  18. 12:30  19. 13:00  20. 13:30  21. 14:00  22. 14:30  23. 15:00  24. 15:30  25. 16:00  26. 16:30  27. 17:00  28. 17:30  29. 18:00  30. 18:30  31. 19:00  32. 19:30  33. 20:00  34. 20:30  35. 21:00  36. 21:30  37. 22:00  38. 22:30  39. 23:00  40. 23:30  ? 11  How many adult tickets? 3  How many concession tickets? 2  Train No. Departure Arrival  810 09:12 09:56  814 10:12 10:56  818 11:12 11:56  822 12:12 12:56  826 13:12 13:56  830 14:12 14:56  834 15:12 15:56  838 16:12 16:56  842 17:12 17:56  846 18:12 18:56  Train Number: 822  Trip Details  Date Train No. From To Departure Arrival Adult Concession Fare Class  999 822 Yunlin Miaoli 12:12 12:56 950\*3 475\*2 3800 Business  Enter Contact Person Information  Identification: 999  Phone: 999  Reservation Number: 67629831  Reservation Completed!  Enter Your Choice  1. Booking  2. Booking History  3. End Program  ? 3  Thank you. Goodbye. |

Sample screen dialog **#**6

|  |
| --- |
| Taiwan High Speed Rail Booking System  Enter Your Choice  1. Booking  2. Booking History  3. End Program  ? 2  Identification: 999  Reservation Number: 67629831  Trip Details  Date Train No. From To Departure Arrival Adult Concession Fare Class  999 822 Yunlin Miaoli 12:12 12:56 950\*3 475\*2 3800 Business  Enter Your Choice  1. Cancel  2. Reduce  3. End  ? 3  Enter Your Choice  1. Booking  2. Booking History  3. End Program  ? 2  Identification: 999  Reservation Number: 93105726  Trip Details  Date Train No. From To Departure Arrival Adult Concession Fare Class  999 854 Yunlin Miaoli 20:12 20:56 500\*2 250\*3 1750 Standard  Enter Your Choice  1. Cancel  2. Reduce  3. End  ? 1  Reservation Cancelled.  Enter Your Choice  1. Booking  2. Booking History  3. End Program  ? 2  Identification: 999  Reservation Number: 93105726  Reservation record not found.  Identification: 999  Reservation Number: 67629831  Trip Details  Date Train No. From To Departure Arrival Adult Concession Fare Class  999 822 Yunlin Miaoli 12:12 12:56 950\*3 475\*2 3800 Business  Enter Your Choice  1. Cancel  2. Reduce  3. End  ? 2  How many adult tickets to cancel？1  How many concession tickets to cancel？1  You have successfully reduced the number of tickets!  Enter Your Choice  1. Booking  2. Booking History  3. End Program  ? 3  Thank you. Goodbye. |

Sample screen dialog **#**7

|  |
| --- |
| Taiwan High Speed Rail Booking System  Enter Your Choice  1. Booking  2. Booking History  3. End Program  ? 2  Identification: 999  Reservation Number: 75170608  Trip Details  Date Train No. From To Departure Arrival Adult Concession Fare Class  999 861 Miaoli Yunlin 21:58 22:41 950\*3 475\*2 3800 Business  Enter Your Choice  1. Cancel  2. Reduce  3. End  ? 2  How many adult tickets to cancel？4  How many adult tickets to cancel？0  How many concession tickets to cancel？3  How many concession tickets to cancel？0  You have successfully reduced the number of tickets!  Enter Your Choice  1. Booking  2. Booking History  3. End Program  ? 2  Identification: 999  Reservation Number: 75170608  Trip Details  Date Train No. From To Departure Arrival Adult Concession Fare Class  999 861 Miaoli Yunlin 21:58 22:41 950\*3 475\*2 3800 Business  Enter Your Choice  1. Cancel  2. Reduce  3. End  ? 2  How many adult tickets to cancel？3  How many concession tickets to cancel？2  Reservation Cancelled.  Enter Your Choice  1. Booking  2. Booking History  3. End Program  ? 2  Identification: 999  Reservation Number: 75170608  Reservation record not found.  Enter Your Choice  1. Booking  2. Booking History  3. End Program  ? 3  Thank you. Goodbye. |

Station Code

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Nangang | Taipei | Banqiao | Taoyuan | Hsinchu | Miaoli | Taichung | Changhua | Yunlin | Chiayi | Tainan | Zuoying |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

Regular Full Fare Tickets

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Station | Nangang | Taipei | Banqiao | Taoyuan | Hsinchu | Miaoli | Taichung | Changhua | Yunlin | Chiayi | Tainan | Zuoying | Business Car tickets |
| Nangang | 0 | 260 | 310 | 500 | 700 | 920 | 1330 | 1510 | 1660 | 1880 | 2290 | 2500 |
| Taipei | 40 | 0 | 260 | 440 | 640 | 850 | 1250 | 1430 | 1600 | 1820 | 2230 | 2440 |
| Banqiao | 70 | 40 | 0 | 400 | 590 | 800 | 1210 | 1390 | 1550 | 1780 | 2180 | 2390 |
| Taoyuan | 200 | 160 | 130 | 0 | 400 | 620 | 1010 | 1210 | 1370 | 1580 | 1990 | 2200 |
| Hsinchu | 330 | 290 | 260 | 130 | 0 | 410 | 820 | 1010 | 1160 | 1390 | 1790 | 2000 |
| Miaoli | 480 | 430 | 400 | 280 | 140 | 0 | 610 | 790 | 950 | 1160 | 1580 | 1790 |
| Taichung | 750 | 700 | 670 | 540 | 410 | 270 | 0 | 400 | 550 | 770 | 1180 | 1390 |
| Changhua | 870 | 820 | 790 | 670 | 540 | 390 | 130 | 0 | 370 | 580 | 1000 | 1210 |
| Yunlin | 970 | 930 | 900 | 780 | 640 | 500 | 230 | 110 | 0 | 430 | 830 | 1040 |
| Chiayi | 1120 | 1080 | 1050 | 920 | 790 | 640 | 380 | 250 | 150 | 0 | 620 | 820 |
| Tainan | 1390 | 1350 | 1320 | 1190 | 1060 | 920 | 650 | 530 | 420 | 280 | 0 | 410 |
| Zuoying | 1530 | 1490 | 1460 | 1330 | 1200 | 1060 | 790 | 670 | 560 | 410 | 140 | 0 |
| Standard Car tickets | | | |

Timetable - Southbound

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Train No. | Nangang | Taipei | Banqiao | Taoyuan | Hsinchu | Miaoli | Taichung | Changhua | Yunlin | Chiayi | Tainan | Zuoying |
| 583 | - | - | - | - | - | - | 06:25 | 06:37 | 06:47 | 06:59 | 07:17 | 07:30 |
| 803 | 06:15 | 06:26 | 06:34 | 06:49 | 07:02 | 07:13 | 07:32 | 07:45 | 07:56 | 08:10 | 08:28 | 08:40 |
| 203 | - | 06:30 | 06:38 | - | - | - | 07:20 | - | - | 07:45 | 08:03 | 08:15 |
| 603 | 06:40 | 06:51 | 07:00 | 07:15 | 07:27 | - | 07:53 | - | - | 08:19 | 08:38 | 08:50 |
| 805 | 07:00 | 07:11 | 07:19 | 07:34 | 07:47 | 07:58 | 08:17 | 08:30 | 08:41 | 08:55 | 09:13 | 09:25 |
| 1607 | 07:10 | 07:21 | 07:29 | 07:43 | 07:56 | - | 08:25 | - | - | 08:50 | 09:07 | 09:20 |
| 109 | 07:20 | 07:31 | 07:39 | - | - | - | 08:20 | - | - | - | - | 09:05 |
| 1505 | 07:25 | 07:36 | 07:46 | 08:01 | 08:12 | 08:25 | 08:42 | - | - | - | - | - |
| 609 | 07:35 | 07:46 | 07:55 | 08:10 | 08:22 | - | 08:48 | - | - | 09:14 | 09:33 | 09:45 |
| 205 | 07:40 | 07:51 | 07:59 | - | - | - | 08:40 | - | - | - | 09:18 | 09:30 |
| 1305 | 07:50 | 08:01 | - | 08:20 | - | - | 08:54 | 09:06 | 09:17 | 09:29 | 09:47 | 10:00 |
| 809 | 08:00 | 08:11 | 08:19 | 08:34 | 08:47 | 08:58 | 09:17 | 09:30 | 09:41 | 09:55 | 10:13 | 10:25 |
| 613 | 08:10 | 08:21 | 08:29 | 08:43 | 08:56 | - | 09:25 | - | - | 09:50 | 10:07 | 10:20 |
| 207 | 08:20 | 08:31 | 08:39 | - | - | - | 09:20 | - | - | - | 09:58 | 10:10 |
| 1509 | 08:25 | 08:36 | 08:46 | 09:01 | 09:12 | 09:25 | 09:42 | - | - | - | - | - |
| 615 | 08:35 | 08:46 | 08:55 | 09:10 | 09:22 | - | 09:48 | - | - | 10:14 | 10:33 | 10:45 |
| 1209 | 08:40 | 08:51 | 08:59 | - | - | - | 09:40 | - | - | - | 10:18 | 10:30 |
| 1307 | 08:50 | 09:01 | - | 09:20 | - | - | 09:54 | 10:06 | 10:17 | 10:29 | 10:47 | 11:00 |
| 813 | 09:00 | 09:11 | 09:19 | 09:34 | 09:47 | 09:58 | 10:17 | 10:30 | 10:41 | 10:55 | 11:13 | 11:25 |
| 619 | 09:10 | 09:21 | 09:29 | 09:43 | 09:56 | - | 10:25 | - | - | 10:50 | 11:07 | 11:20 |
| 117 | 09:20 | 09:31 | 09:39 | - | - | - | 10:20 | - | - | - | - | 11:05 |
| 1513 | 09:25 | 09:36 | 09:46 | 10:01 | 10:12 | 10:25 | 10:42 | - | - | - | - | - |
| 621 | 09:35 | 09:46 | 09:55 | 10:10 | 10:22 | - | 10:48 | - | - | 11:14 | 11:33 | 11:45 |
| 1213 | 09:40 | 09:51 | 09:59 | - | - | - | 10:40 | - | - | - | 11:18 | 11:30 |
| 1309 | 09:50 | 10:01 | - | 10:20 | - | - | 10:54 | 11:06 | 11:17 | 11:29 | 11:47 | 12:00 |
| 817 | 10:00 | 10:11 | 10:19 | 10:34 | 10:47 | 10:58 | 11:17 | 11:30 | 11:41 | 11:55 | 12:13 | 12:25 |
| 625 | 10:10 | 10:21 | 10:29 | 10:43 | 10:56 | - | 11:25 | - | - | 11:50 | 12:07 | 12:20 |
| 121 | 10:20 | 10:31 | 10:39 | - | - | - | 11:20 | - | - | - | - | 12:05 |
| 627 | 10:35 | 10:46 | 10:55 | 11:10 | 11:22 | - | 11:48 | - | - | 12:14 | 12:33 | 12:45 |
| 1217 | 10:40 | 10:51 | 10:59 | - | - | - | 11:40 | - | - | - | 12:18 | 12:30 |
| 821 | 11:00 | 11:11 | 11:19 | 11:34 | 11:47 | 11:58 | 12:17 | 12:30 | 12:41 | 12:55 | 13:13 | 13:25 |
| 1631 | 11:10 | 11:21 | 11:29 | 11:43 | 11:56 | - | 12:25 | - | - | 12:50 | 13:07 | 13:20 |
| 125 | 11:20 | 11:31 | 11:39 | - | - | - | 12:20 | - | - | - | - | 13:05 |
| 633 | 11:35 | 11:46 | 11:55 | 12:10 | 12:22 | - | 12:48 | - | - | 13:14 | 13:33 | 13:45 |
| 825 | 12:00 | 12:11 | 12:19 | 12:34 | 12:47 | 12:58 | 13:17 | 13:30 | 13:41 | 13:55 | 14:13 | 14:25 |
| 1637 | 12:10 | 12:21 | 12:29 | 12:43 | 12:56 | - | 13:25 | - | - | 13:50 | 14:07 | 14:20 |
| 129 | 12:20 | 12:31 | 12:39 | - | - | - | 13:20 | - | - | - | - | 14:05 |
| 639 | 12:35 | 12:46 | 12:55 | 13:10 | 13:22 | - | 13:48 | - | - | 14:14 | 14:33 | 14:45 |
| 829 | 13:00 | 13:11 | 13:19 | 13:34 | 13:47 | 13:58 | 14:17 | 14:30 | 14:41 | 14:55 | 15:13 | 15:25 |
| 1643 | 13:10 | 13:21 | 13:29 | 13:43 | 13:56 | - | 14:25 | - | - | 14:50 | 15:07 | 15:20 |
| 133 | 13:20 | 13:31 | 13:39 | - | - | - | 14:20 | - | - | - | - | 15:05 |
| 645 | 13:35 | 13:46 | 13:55 | 14:10 | 14:22 | - | 14:48 | - | - | 15:14 | 15:33 | 15:45 |
| 833 | 14:00 | 14:11 | 14:19 | 14:34 | 14:47 | 14:58 | 15:17 | 15:30 | 15:41 | 15:55 | 16:13 | 16:25 |
| 1649 | 14:10 | 14:21 | 14:29 | 14:43 | 14:56 | - | 15:25 | - | - | 15:50 | 16:07 | 16:20 |
| 137 | 14:20 | 14:31 | 14:39 | - | - | - | 15:20 | - | - | - | - | 16:05 |
| 651 | 14:35 | 14:46 | 14:55 | 15:10 | 15:22 | - | 15:48 | - | - | 16:14 | 16:33 | 16:45 |
| 1233 | 14:40 | 14:51 | 14:59 | - | - | - | 15:40 | - | - | - | 16:18 | 16:30 |
| 837 | 15:00 | 15:11 | 15:19 | 15:34 | 15:47 | 15:58 | 16:17 | 16:30 | 16:41 | 16:55 | 17:13 | 17:25 |
| 1655 | 15:10 | 15:21 | 15:29 | 15:43 | 15:56 | - | 16:25 | - | - | 16:50 | 17:07 | 17:20 |
| 141 | 15:20 | 15:31 | 15:39 | - | - | - | 16:20 | - | - | - | - | 17:05 |
| 1537 | 15:25 | 15:36 | 15:46 | 16:01 | 16:12 | 16:25 | 16:42 | - | - | - | - | - |
| 657 | 15:35 | 15:46 | 15:55 | 16:10 | 16:22 | - | 16:48 | - | - | 17:14 | 17:33 | 17:45 |
| 1237 | 15:40 | 15:51 | 15:59 | - | - | - | 16:40 | - | - | - | 17:18 | 17:30 |
| 1321 | 15:50 | 16:01 | - | 16:20 | - | - | 16:54 | 17:06 | 17:17 | 17:29 | 17:47 | 18:00 |
| 841 | 16:00 | 16:11 | 16:19 | 16:34 | 16:47 | 16:58 | 17:17 | 17:30 | 17:41 | 17:55 | 18:13 | 18:25 |
| 661 | 16:10 | 16:21 | 16:29 | 16:43 | 16:56 | - | 17:25 | - | - | 17:50 | 18:07 | 18:20 |
| 145 | 16:20 | 16:31 | 16:39 | - | - | - | 17:20 | - | - | - | - | 18:05 |
| 1541 | 16:25 | 16:36 | 16:46 | 17:01 | 17:12 | 17:25 | 17:42 | - | - | - | - | - |
| 663 | 16:35 | 16:46 | 16:55 | 17:10 | 17:22 | - | 17:48 | - | - | 18:14 | 18:33 | 18:45 |
| 1241 | 16:40 | 16:51 | 16:59 | - | - | - | 17:40 | - | - | - | 18:18 | 18:30 |
| 845 | 17:00 | 17:11 | 17:19 | 17:34 | 17:47 | 17:58 | 18:17 | 18:30 | 18:41 | 18:55 | 19:13 | 19:25 |
| 667 | 17:10 | 17:21 | 17:29 | 17:43 | 17:56 | - | 18:25 | - | - | 18:50 | 19:07 | 19:20 |
| 149 | 17:20 | 17:31 | 17:39 | - | - | - | 18:20 | - | - | - | - | 19:05 |
| 1545 | 17:25 | 17:36 | 17:46 | 18:01 | 18:12 | 18:25 | 18:42 | - | - | - | - | - |
| 669 | 17:35 | 17:46 | 17:55 | 18:10 | 18:22 | - | 18:48 | - | - | 19:14 | 19:33 | 19:45 |
| 1245 | 17:40 | 17:51 | 17:59 | - | - | - | 18:40 | - | - | - | 19:18 | 19:30 |
| 1547 | 17:45 | 17:56 | 18:04 | 18:17 | 18:28 | 18:40 | 18:56 | - | - | - | - | - |
| 849 | 18:00 | 18:11 | 18:19 | 18:34 | 18:47 | 18:58 | 19:17 | 19:30 | 19:41 | 19:55 | 20:13 | 20:25 |
| 673 | 18:10 | 18:21 | 18:29 | 18:43 | 18:56 | - | 19:25 | - | - | 19:50 | 20:07 | 20:20 |
| 153 | 18:20 | 18:31 | 18:39 | - | - | - | 19:20 | - | - | - | - | 20:05 |
| 1549 | 18:25 | 18:36 | 18:46 | 19:01 | 19:12 | 19:25 | 19:42 | - | - | - | - | - |
| 675 | 18:35 | 18:46 | 18:55 | 19:10 | 19:22 | - | 19:48 | - | - | 20:14 | 20:33 | 20:45 |
| 249 | 18:40 | 18:51 | 18:59 | - | - | - | 19:40 | - | - | - | 20:18 | 20:30 |
| 1327 | 18:50 | 19:01 | - | 19:20 | - | - | 19:54 | 20:06 | 20:17 | 20:29 | 20:47 | 21:00 |
| 853 | 19:00 | 19:11 | 19:19 | 19:34 | 19:47 | 19:58 | 20:17 | 20:30 | 20:41 | 20:55 | 21:13 | 21:25 |
| 1679 | 19:10 | 19:21 | 19:29 | 19:43 | 19:56 | - | 20:25 | - | - | 20:50 | 21:07 | 21:20 |
| 157 | 19:20 | 19:31 | 19:39 | - | - | - | 20:20 | - | - | - | - | 21:05 |
| 1553 | 19:25 | 19:36 | 19:46 | 20:01 | 20:12 | 20:25 | 20:42 | - | - | - | - | - |
| 681 | 19:35 | 19:46 | 19:55 | 20:10 | 20:22 | - | 20:48 | - | - | 21:14 | 21:33 | 21:45 |
| 1253 | 19:40 | 19:51 | 19:59 | - | - | - | 20:40 | - | - | - | 21:18 | 21:30 |
| 857 | 20:00 | 20:11 | 20:19 | 20:34 | 20:47 | 20:58 | 21:17 | 21:30 | 21:41 | 21:55 | 22:13 | 22:25 |
| 1685 | 20:10 | 20:21 | 20:29 | 20:43 | 20:56 | - | 21:25 | - | - | 21:50 | 22:07 | 22:20 |
| 161 | 20:20 | 20:31 | 20:39 | - | - | - | 21:20 | - | - | - | - | 22:05 |
| 1557 | 20:25 | 20:36 | 20:46 | 21:01 | 21:12 | 21:25 | 21:42 | - | - | - | - | - |
| 687 | 20:35 | 20:46 | 20:55 | 21:10 | 21:22 | - | 21:48 | - | - | 22:14 | 22:33 | 22:45 |
| 1257 | 20:40 | 20:51 | 20:59 | - | - | - | 21:40 | - | - | - | 22:18 | 22:30 |
| 861 | 21:00 | 21:11 | 21:19 | 21:34 | 21:47 | 21:58 | 22:17 | 22:30 | 22:41 | 22:55 | 23:13 | 23:25 |
| 1691 | 21:10 | 21:21 | 21:29 | 21:43 | 21:56 | - | 22:25 | - | - | 22:50 | 23:07 | 23:20 |
| 165 | 21:20 | 21:31 | 21:39 | - | - | - | 22:20 | - | - | - | - | 23:05 |
| 693 | 21:30 | 21:41 | 21:50 | 22:05 | 22:17 | - | 22:43 | - | - | 23:09 | 23:28 | 23:40 |
| 333 | 21:45 | 21:56 | - | 22:15 | - | - | 22:49 | 23:01 | 23:12 | 23:24 | 23:42 | 23:55 |
| 1563 | 21:55 | 22:05 | 22:14 | 22:27 | 22:38 | 22:52 | 23:10 | - | - | - | - | - |
| 295 | 22:05 | 22:16 | - | 22:35 | - | - | 23:07 | - | - | 23:30 | 23:48 | 23:59 |
| 565 | 22:15 | 22:26 | 22:35 | 22:48 | 23:00 | 23:12 | 23:29 | - | - | - | - | - |
| 567 | 22:50 | 23:00 | 23:08 | 23:21 | 23:32 | 23:43 | 23:59 | - | - | - | - | - |

Timetable - Northbound

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Train No. | Zuoying | Tainan | Chiayi | Yunlin | Changhua | Taichung | Miaoli | Hsinchu | Taoyuan | Banqiao | Taipei | Nangang |
| 502 | - | - | - | - | - | 06:05 | 06:24 | 06:37 | 06:49 | 07:02 | 07:12 | 07:20 |
| 1504 | - | - | - | - | - | 06:30 | 06:49 | 07:02 | 07:14 | 07:27 | 07:37 | 07:45 |
| 508 | - | - | - | - | - | 06:52 | 07:12 | 07:25 | 07:38 | 07:50 | 08:01 | 08:10 |
| 300 | 05:50 | 06:03 | 06:21 | 06:34 | 06:44 | 06:56 | - | - | 07:28 | - | 07:47 | 07:55 |
| 1510 | - | - | - | - | - | 07:12 | 07:31 | 07:45 | 07:58 | 08:10 | 08:21 | 08:30 |
| 802 | 06:15 | 06:29 | 06:48 | 07:00 | 07:13 | 07:25 | 07:45 | 07:58 | 08:10 | 08:22 | 08:32 | 08:40 |
| 1202 | 06:25 | 06:38 | 06:57 | - | - | 07:21 | - | - | - | - | 08:07 | 08:15 |
| 1602 | 06:40 | 06:53 | 07:12 | - | - | 07:40 | - | 08:05 | 08:18 | 08:31 | 08:42 | 08:50 |
| 1302 | 06:45 | 06:59 | 07:19 | 07:32 | 07:42 | 07:53 | - | - | 08:27 | - | 08:47 | 08:55 |
| 204 | 06:55 | 07:07 | - | - | - | 07:48 | - | - | - | 08:27 | 08:37 | 08:45 |
| 606 | 07:00 | 07:13 | 07:32 | - | - | 08:00 | - | 08:25 | 08:38 | 08:51 | 09:02 | 09:10 |
| 1514 | - | - | - | - | - | 08:04 | 08:24 | 08:39 | 08:51 | 09:05 | 09:16 | 09:25 |
| 206 | 07:15 | 07:28 | - | - | - | 08:08 | - | - | - | 08:47 | 08:57 | 09:05 |
| 806 | 07:25 | 07:41 | 08:00 | 08:12 | 08:24 | 08:36 | 08:56 | 09:08 | 09:20 | 09:32 | 09:42 | 09:50 |
| 610 | 07:35 | 07:48 | 08:08 | - | - | 08:32 | - | 08:57 | 09:11 | 09:25 | 09:36 | 09:45 |
| 108 | 07:55 | - | - | - | - | 08:39 | - | - | - | 09:21 | 09:32 | 09:40 |
| 612 | 08:00 | 08:13 | 08:32 | - | - | 09:00 | - | 09:25 | 09:38 | 09:51 | 10:02 | 10:10 |
| 1210 | 08:15 | 08:28 | - | - | - | 09:08 | - | - | - | 09:47 | 09:57 | 10:05 |
| 810 | 08:25 | 08:41 | 09:00 | 09:12 | 09:24 | 09:36 | 09:56 | 10:08 | 10:20 | 10:32 | 10:42 | 10:50 |
| 616 | 08:35 | 08:48 | 09:08 | - | - | 09:32 | - | 09:57 | 10:11 | 10:25 | 10:36 | 10:45 |
| 112 | 08:55 | - | - | - | - | 09:39 | - | - | - | 10:21 | 10:32 | 10:40 |
| 618 | 09:00 | 09:13 | 09:32 | - | - | 10:00 | - | 10:25 | 10:38 | 10:51 | 11:02 | 11:10 |
| 1522 | - | - | - | - | - | 10:04 | 10:24 | 10:39 | 10:51 | 11:05 | 11:16 | 11:25 |
| 1214 | 09:15 | 09:28 | - | - | - | 10:08 | - | - | - | 10:47 | 10:57 | 11:05 |
| 814 | 09:25 | 09:41 | 10:00 | 10:12 | 10:24 | 10:36 | 10:56 | 11:08 | 11:20 | 11:32 | 11:42 | 11:50 |
| 1622 | 09:35 | 09:48 | 10:08 | - | - | 10:32 | - | 10:57 | 11:11 | 11:25 | 11:36 | 11:45 |
| 116 | 09:55 | - | - | - | - | 10:39 | - | - | - | 11:21 | 11:32 | 11:40 |
| 624 | 10:00 | 10:13 | 10:32 | - | - | 11:00 | - | 11:25 | 11:38 | 11:51 | 12:02 | 12:10 |
| 1218 | 10:15 | 10:28 | - | - | - | 11:08 | - | - | - | 11:47 | 11:57 | 12:05 |
| 818 | 10:25 | 10:41 | 11:00 | 11:12 | 11:24 | 11:36 | 11:56 | 12:08 | 12:20 | 12:32 | 12:42 | 12:50 |
| 628 | 10:35 | 10:48 | 11:08 | - | - | 11:32 | - | 11:57 | 12:11 | 12:25 | 12:36 | 12:45 |
| 120 | 10:55 | - | - | - | - | 11:39 | - | - | - | 12:21 | 12:32 | 12:40 |
| 630 | 11:00 | 11:13 | 11:32 | - | - | 12:00 | - | 12:25 | 12:38 | 12:51 | 13:02 | 13:10 |
| 822 | 11:25 | 11:41 | 12:00 | 12:12 | 12:24 | 12:36 | 12:56 | 13:08 | 13:20 | 13:32 | 13:42 | 13:50 |
| 1634 | 11:35 | 11:48 | 12:08 | - | - | 12:32 | - | 12:57 | 13:11 | 13:25 | 13:36 | 13:45 |
| 124 | 11:55 | - | - | - | - | 12:39 | - | - | - | 13:21 | 13:32 | 13:40 |
| 636 | 12:00 | 12:13 | 12:32 | - | - | 13:00 | - | 13:25 | 13:38 | 13:51 | 14:02 | 14:10 |
| 826 | 12:25 | 12:41 | 13:00 | 13:12 | 13:24 | 13:36 | 13:56 | 14:08 | 14:20 | 14:32 | 14:42 | 14:50 |
| 1640 | 12:35 | 12:48 | 13:08 | - | - | 13:32 | - | 13:57 | 14:11 | 14:25 | 14:36 | 14:45 |
| 128 | 12:55 | - | - | - | - | 13:39 | - | - | - | 14:21 | 14:32 | 14:40 |
| 642 | 13:00 | 13:13 | 13:32 | - | - | 14:00 | - | 14:25 | 14:38 | 14:51 | 15:02 | 15:10 |
| 1538 | - | - | - | - | - | 114:04 | 14:24 | 14:39 | 14:51 | 15:05 | 15:16 | 15:25 |
| 1230 | 13:15 | 13:28 | - | - | - | 14:08 | - | - | - | 14:47 | 14:57 | 15:05 |
| 830 | 13:25 | 13:41 | 14:00 | 14:12 | 14:24 | 14:36 | 14:56 | 15:08 | 15:20 | 15:32 | 15:42 | 15:50 |
| 1646 | 13:35 | 13:48 | 14:08 | - | - | 14:32 | - | 14:57 | 15:11 | 15:25 | 15:36 | 15:45 |
| 132 | 13:55 | - | - | - | - | 14:39 | - | - | - | 15:21 | 15:32 | 15:40 |
| 648 | 14:00 | 14:13 | 14:32 | - | - | 15:00 | - | 15:25 | 15:38 | 15:51 | 16:02 | 16:10 |
| 1542 | - | - | - | - | - | 15:04 | 15:24 | 15:39 | 15:51 | 16:05 | 16:16 | 16:25 |
| 1234 | 14:15 | 14:28 | - | - | - | 15:08 | - | - | - | 15:47 | 15:57 | 16:05 |
| 834 | 14:25 | 14:41 | 15:00 | 15:12 | 15:24 | 15:36 | 15:56 | 16:08 | 16:20 | 16:32 | 16:42 | 16:50 |
| 652 | 14:35 | 14:48 | 15:08 | - | - | 15:32 | - | 15:57 | 16:11 | 16:25 | 16:36 | 16:45 |
| 1318 | 14:45 | 14:57 | 15:19 | 15:31 | 15:41 | 15:53 | - | - | 16:27 | - | 16:47 | 16:55 |
| 136 | 14:55 | - | - | - | - | 15:39 | - | - | - | 16:21 | 16:32 | 16:40 |
| 654 | 15:00 | 15:13 | 15:32 | - | - | 16:00 | - | 16:25 | 16:38 | 16:51 | 17:02 | 17:10 |
| 1546 | - | - | - | - | - | 16:04 | 16:24 | 16:39 | 16:51 | 17:05 | 17:16 | 17:25 |
| 1238 | 15:15 | 15:28 | - | - | - | 16:08 | - | - | - | 16:47 | 16:57 | 17:05 |
| 838 | 15:25 | 15:41 | 16:00 | 16:12 | 16:24 | 16:36 | 16:56 | 17:08 | 17:20 | 17:32 | 17:42 | 17:50 |
| 658 | 15:35 | 15:48 | 16:08 | - | - | 16:32 | - | 16:57 | 17:11 | 17:25 | 17:36 | 17:45 |
| 1320 | 15:45 | 15:57 | 16:19 | 16:31 | 16:41 | 16:53 | - | - | 17:27 | - | 17:47 | 17:55 |
| 140 | 15:55 | - | - | - | - | 16:39 | - | - | - | 17:21 | 17:32 | 17:40 |
| 660 | 16:00 | 16:13 | 16:32 | - | - | 17:00 | - | 17:25 | 17:38 | 17:51 | 18:02 | 18:10 |
| 1550 | - | - | - | - | - | 17:04 | 17:24 | 17:39 | 17:51 | 18:05 | 18:16 | 18:25 |
| 242 | 16:15 | 16:28 | - | - | - | 17:08 | - | - | - | 17:47 | 17:57 | 18:05 |
| 842 | 16:25 | 16:41 | 17:00 | 17:12 | 17:24 | 17:36 | 17:56 | 18:08 | 18:20 | 18:32 | 18:42 | 18:50 |
| 664 | 16:35 | 16:48 | 17:08 | - | - | 17:32 | - | 17:57 | 18:11 | 18:25 | 18:36 | 18:45 |
| 144 | 16:55 | - | - | - | - | 17:39 | - | - | - | 18:21 | 18:32 | 18:40 |
| 666 | 17:00 | 17:13 | 17:32 | - | - | 18:00 | - | 18:25 | 18:38 | 18:51 | 19:02 | 19:10 |
| 1554 | - | - | - | - | - | 18:04 | 18:24 | 18:39 | 18:51 | 19:05 | 19:16 | 19:25 |
| 1246 | 17:15 | 17:28 | - | - | - | 18:08 | - | - | - | 18:47 | 18:57 | 19:05 |
| 846 | 17:25 | 17:41 | 18:00 | 18:12 | 18:24 | 18:36 | 18:56 | 19:08 | 19:20 | 19:32 | 19:42 | 19:50 |
| 670 | 17:35 | 17:48 | 18:08 | - | - | 18:32 | - | 18:57 | 19:11 | 19:25 | 19:36 | 19:45 |
| 1324 | 17:45 | 17:57 | 18:19 | 18:31 | 18:41 | 18:53 | - | - | 19:27 | - | 19:47 | 19:55 |
| 148 | 17:55 | - | - | - | - | 18:39 | - | - | - | 19:21 | 19:32 | 19:40 |
| 672 | 18:00 | 18:13 | 18:32 | - | - | 19:00 | - | 19:25 | 19:38 | 19:51 | 20:02 | 20:10 |
| 1558 | - | - | - | - | - | 19:04 | 19:24 | 19:39 | 19:51 | 20:05 | 20:16 | 20:25 |
| 1250 | 18:15 | 18:28 | - | - | - | 19:08 | - | - | - | 19:47 | 19:57 | 20:05 |
| 850 | 18:25 | 18:41 | 19:00 | 19:12 | 19:24 | 19:36 | 19:56 | 20:08 | 20:20 | 20:32 | 20:42 | 20:50 |
| 676 | 18:35 | 18:48 | 19:08 | - | - | 19:32 | - | 19:57 | 20:11 | 20:25 | 20:36 | 20:45 |
| 1326 | 18:45 | 18:57 | 19:19 | 19:31 | 19:41 | 19:53 | - | - | 20:27 | - | 20:47 | 20:55 |
| 152 | 18:55 | - | - | - | - | 19:39 | - | - | - | 20:21 | 20:32 | 20:40 |
| 678 | 19:00 | 19:13 | 19:32 | - | - | 20:00 | - | 20:25 | 20:38 | 20:51 | 21:02 | 21:10 |
| 1562 | - | - | - | - | - | 20:04 | 20:24 | 20:39 | 20:51 | 21:05 | 21:16 | 21:25 |
| 1254 | 19:15 | 19:28 | - | - | - | 20:08 | - | - | - | 20:47 | 20:57 | 21:05 |
| 854 | 19:25 | 19:41 | 20:00 | 20:12 | 20:24 | 20:36 | 20:56 | 21:08 | 21:20 | 21:32 | 21:42 | 21:50 |
| 1682 | 19:35 | 19:48 | 20:08 | - | - | 20:32 | - | 20:57 | 21:11 | 21:25 | 21:36 | 21:45 |
| 1328 | 19:45 | 19:57 | 20:19 | 20:31 | 20:41 | 20:53 | - | - | 21:27 | - | 21:47 | 21:55 |
| 156 | 19:55 | - | - | - | - | 20:39 | - | - | - | 21:21 | 21:32 | 21:40 |
| 684 | 20:00 | 20:13 | 20:32 | - | - | 21:00 | - | 21:25 | 21:38 | 21:51 | 22:02 | 22:10 |
| 1566 | - | - | - | - | - | 21:04 | 21:24 | 21:39 | 21:51 | 22:05 | 22:16 | 22:25 |
| 1258 | 20:15 | 20:28 | - | - | - | 21:08 | - | - | - | 21:47 | 21:57 | 22:05 |
| 858 | 20:25 | 20:41 | 21:00 | 21:12 | 21:24 | 21:36 | 21:56 | 22:08 | 22:20 | 22:32 | 22:42 | 22:50 |
| 1688 | 20:35 | 20:48 | 21:08 | - | - | 21:32 | - | 21:57 | 22:11 | 22:25 | 22:36 | 22:45 |
| 1330 | 20:45 | 20:57 | 21:19 | 21:31 | 21:42 | 21:54 | - | - | 22:27 | - | 22:47 | 22:55 |
| 160 | 20:55 | - | - | - | - | 21:39 | - | - | - | 22:21 | 22:32 | 22:40 |
| 1570 | - | - | - | - | - | 21:51 | 22:10 | 22:23 | 22:36 | 22:49 | 23:01 | 23:10 |
| 690 | 21:05 | 21:18 | 21:37 | - | - | 22:05 | - | 22:30 | 22:43 | 22:56 | 23:07 | 23:15 |
| 862 | 21:30 | 21:44 | 22:03 | 22:16 | 22:28 | 22:40 | 23:00 | 23:12 | 23:25 | 23:37 | 23:47 | 23:55 |
| 1264 | 21:40 | 21:53 | - | - | - | 22:30 | - | - | - | 23:11 | 23:21 | 23:30 |
| 1336 | 21:50 | 22:03 | 22:21 | 22:33 | 22:43 | 22:55 | - | - | 23:33 | - | 23:56 | 00:05 |
| 696 | 21:55 | 22:11 | 22:32 | - | - | 22:59 | - | 23:27 | 23:40 | 23:52 | 23:59 | - |
| 294 | 22:10 | 22:23 | - | - | - | 23:03 | - | - | - | 23:42 | 23:52 | 23:59 |
| 598 | 22:55 | 23:08 | 23:27 | 23:39 | 23:49 | 23:59 | - | - | - | - | - | - |