

International Civil Aviation Organization



ICAO

WORKING PAPER

**Asia and Pacific (APAC)
Twentieth Meeting of the Meteorological Information
Exchange Working Group (MET/IE WG/20)**

Online, 28 to 30 March 2022

**Agenda Item 5: Quality control, monitoring and management of meteorological
information exchange**

**ASIA/PAC INTER-REGIONAL OPMET GATEWAY BACKUP EXERCISE
BETWEEN IROG BANGKOK AND IROG SINGAPORE**

(Presented by Thailand)

SUMMARY

This working paper provides the results of the seventeenth real-time Back-up Exercise conducted by IROG Singapore and IROG Bangkok on 15 September 2021.

1. INTRODUCTION

1.1 The OPMET/M TF/3 Meeting in March 2005 established the procedure for dissemination of ASIA/PAC OPMET Data to WAFC London by IROG Bangkok in the event that IROG Singapore experiences technical problems.

1.2 The IROG Backup Exercise will be carried out annually. This IROG Backup Exercise is the seventeenth and the results of 5 previous exercises are listed as follows;

| Year | 2017 | 2018 | 2019 | 2020 | 2021 |
|--|-------------|-------------|-------------|-------------|-------------|
| RODB Bangkok Successfully transmitted | 99.45% | 100% | 100% | 100% | 99.70% |

2. DISCUSSION

2.1 Both IROGs evaluated the monitoring result and the findings are listed as follows

| Type of Message | Number of bulletins Rx by RODB Singapore | Number of bulletins Rx by RODB Bangkok | Number of bulletins routed to IROG London by Bangkok | Successful Transmission Rate | Number of bulletins not successfully routed by RODB Bangkok | Bulletin Transit time recorded at RODB Bangkok | | |
|-----------------|--|--|--|------------------------------|---|--|---------|-------------|
| | | | | | | Max min | Min min | Average min |
| SA bulletins | 559 | 557 | 557 | 99.64% | 2 | 14.02 | 0.01 | 0.03 |
| FT bulletins | 96 | 96 | 96 | 100% | 0 | 64.00 | 0.01 | 1.33 |
| Total | 656 | 654 | 654 | 99.70% | | | | |

Remark: Duplicated bulletins are excluded from both IROGs

2.2 The backup test results, IROG Singapore received 559, while IROG Bangkok received 557 and transmitted 557 (99.64%) of METAR bulletins to IROG London during the test

2.3 IROG Bangkok successfully received and transmitted 96 of 96 (100%) of TAF bulletins to IROG London during the test.

2.4 The two SA-Bulletins were not reached at IROG Bangkok are SASD31 OEJD 150400 and SASD31 OEJD 150400 RRA with unknown reasons which affected the transmission percentage of SA-Bulletin to 99.64%

2.5 IROG Bangkok transmission SA-Bulletins and TAFOR Bulletins to IROG London which the successful transmission percentage to 99.70%

2.6 In conclusion, IROG Bangkok received and/relayed METAR and TAF bulletins, with average transit time of 0.03 and 1.33 minutes respectively.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) Discuss the result of the IROG backup exercise
- b) Review and improve the existing procedures, if required

APPENDIX [A]

Appendix A : Summary Table of Switching of ASIA/PAC and MID OPMET Bulletins on 15 September 2021

METAR Bulletins

| | TAAii | CCCC | YYGGgg | BBB | Recorded by WSSB RODB RX Time UTC (hh:mm) | Recorded by VTBB RODB RX Time UTC (hh:mm) | Recorded by VTBB RODB TX Time UTC (hh:mm) |
|----|--------------|-------------|---------------|------------|--|--|--|
| 1 | SAAE31 | VTBB | 150200 | | 02:05:06 | - | 02:05:04 |
| 2 | SAAE31 | VTBB | 150230 | | 02:35:05 | - | 02:35:03 |
| 3 | SAAE31 | VTBB | 150300 | | 03:05:05 | - | 03:05:03 |
| 4 | SAAE31 | VTBB | 150330 | | 03:35:05 | - | 03:35:03 |
| 5 | SAAE31 | VTBB | 150400 | RRA | 04:06:12 | - | 04:06:04 |
| 6 | SAAE31 | VTBB | 150400 | | 04:05:05 | - | 04:05:02 |
| 7 | SAAE31 | VTBB | 150430 | | 04:35:04 | - | 04:35:02 |
| 8 | SAAE31 | VTBB | 150500 | | 05:05:05 | - | 05:05:03 |
| 9 | SAAE31 | VTBB | 150530 | RRA | 05:39:48 | - | 05:39:46 |
| 10 | SAAE31 | VTBB | 150530 | | 05:35:09 | - | 05:35:03 |
| 11 | SAAE31 | VTBB | 150600 | RRA | 06:05:31 | - | 06:05:18 |
| 12 | SAAE31 | VTBB | 150600 | | 06:05:06 | - | 06:05:03 |
| 13 | SAAE31 | VTBB | 150630 | | 06:35:05 | - | 06:35:03 |
| 14 | SAAE31 | VTBB | 150700 | | 07:05:05 | - | 07:05:03 |
| 15 | SAAE31 | VTBB | 150730 | | 07:35:04 | - | 07:35:02 |
| 16 | SAAE32 | VTBB | 150200 | | 02:05:10 | - | 02:05:07 |
| 17 | SAAE32 | VTBB | 150230 | | 02:35:09 | - | 02:35:06 |
| 18 | SAAE32 | VTBB | 150300 | RRA | 03:13:42 | - | 03:13:40 |
| 19 | SAAE32 | VTBB | 150300 | | 03:05:10 | - | 03:05:06 |
| 20 | SAAE32 | VTBB | 150330 | | 03:35:09 | - | 03:35:06 |
| 21 | SAAE32 | VTBB | 150400 | | 04:05:10 | - | 04:05:05 |
| 22 | SAAE32 | VTBB | 150430 | | 04:35:11 | - | 04:35:06 |
| 23 | SAAE32 | VTBB | 150500 | | 05:05:10 | - | 05:05:06 |
| 24 | SAAE32 | VTBB | 150530 | | 05:35:18 | - | 05:35:06 |
| 25 | SAAE32 | VTBB | 150600 | | 06:05:10 | - | 06:05:06 |
| 26 | SAAE32 | VTBB | 150630 | RRA | 06:39:35 | - | 06:39:33 |
| 27 | SAAE32 | VTBB | 150630 | | 06:35:09 | - | 06:35:06 |
| 28 | SAAE32 | VTBB | 150700 | | 07:05:09 | - | 07:05:05 |
| 29 | SAAE32 | VTBB | 150730 | | 07:35:09 | - | 07:35:05 |
| 30 | SAAE33 | VTBB | 150200 | | 02:05:14 | - | 02:05:09 |
| 31 | SAAE33 | VTBB | 150300 | | 03:05:14 | - | 03:05:09 |
| 32 | SAAE33 | VTBB | 150400 | | 04:05:26 | - | 04:05:15 |
| 33 | SAAE33 | VTBB | 150500 | | 05:05:14 | - | 05:05:08 |
| 34 | SAAE33 | VTBB | 150600 | | 06:05:26 | - | 06:05:17 |
| 35 | SAAE33 | VTBB | 150700 | | 07:05:13 | - | 07:05:08 |
| 36 | SAAE34 | VTBB | 150200 | RRA | 02:06:28 | - | 02:06:17 |
| 37 | SAAE34 | VTBB | 150200 | | 02:05:19 | - | 02:05:12 |
| 38 | SAAE34 | VTBB | 150230 | RRB | 02:40:24 | - | 02:40:22 |
| 39 | SAAE34 | VTBB | 150230 | RRA | 02:40:16 | - | 02:40:14 |
| 40 | SAAE34 | VTBB | 150230 | | 02:35:13 | - | 02:35:08 |
| 41 | SAAE34 | VTBB | 150300 | RRB | 03:18:13 | - | 03:18:11 |
| 42 | SAAE34 | VTBB | 150300 | RRA | 03:08:38 | - | 03:08:36 |
| 43 | SAAE34 | VTBB | 150300 | | 03:05:18 | - | 03:05:11 |
| 44 | SAAE34 | VTBB | 150330 | RRB | 03:42:10 | - | 03:42:08 |
| 45 | SAAE34 | VTBB | 150330 | RRA | 03:42:00 | - | 03:41:58 |

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|-----|--------|------|--------|-----|----------|----------|----------|
| 46 | SAAE34 | VTBB | 150330 | | 03:35:15 | - | 03:35:09 |
| 47 | SAAE34 | VTBB | 150400 | | 04:05:30 | - | 04:05:18 |
| 48 | SAAE34 | VTBB | 150430 | RRB | 04:36:55 | - | 04:36:54 |
| 49 | SAAE34 | VTBB | 150430 | RRA | 04:35:37 | - | 04:35:34 |
| 50 | SAAE34 | VTBB | 150430 | | 04:35:16 | - | 04:35:09 |
| 51 | SAAE34 | VTBB | 150500 | | 05:05:17 | - | 05:05:11 |
| 52 | SAAE34 | VTBB | 150530 | RRB | 05:37:27 | - | 05:37:26 |
| 53 | SAAE34 | VTBB | 150530 | RRA | 05:37:16 | - | 05:37:15 |
| 54 | SAAE34 | VTBB | 150530 | | 05:35:26 | - | 05:35:09 |
| 55 | SAAE34 | VTBB | 150600 | RRB | 06:06:08 | - | 06:05:52 |
| 56 | SAAE34 | VTBB | 150600 | RRA | 06:06:04 | - | 06:05:39 |
| 57 | SAAE34 | VTBB | 150600 | | 06:05:34 | - | 06:05:20 |
| 58 | SAAE34 | VTBB | 150630 | RRC | 06:41:20 | - | 06:41:18 |
| 59 | SAAE34 | VTBB | 150630 | RRB | 06:39:55 | - | 06:39:53 |
| 60 | SAAE34 | VTBB | 150630 | RRA | 06:39:44 | - | 06:39:43 |
| 61 | SAAE34 | VTBB | 150630 | | 06:35:13 | - | 06:35:09 |
| 62 | SAAE34 | VTBB | 150700 | RRA | 07:19:21 | - | 07:19:19 |
| 63 | SAAE34 | VTBB | 150700 | | 07:05:17 | - | 07:05:11 |
| 64 | SAAE34 | VTBB | 150730 | | 07:35:13 | - | 07:35:08 |
| 65 | SAAR20 | OEJD | 150200 | | 02:15:10 | 02:15:21 | 02:15:22 |
| 66 | SAAR20 | OEJD | 150300 | | 03:15:06 | 03:15:26 | 03:15:28 |
| 67 | SAAR20 | OEJD | 150400 | | 04:15:09 | 04:15:28 | 04:15:30 |
| 68 | SAAR20 | OEJD | 150500 | | 05:18:38 | 05:18:53 | 05:18:58 |
| 69 | SAAR20 | OEJD | 150600 | | 06:15:06 | 06:15:25 | 06:15:26 |
| 70 | SAAR20 | OEJD | 150700 | | 07:15:07 | 07:15:28 | 07:15:29 |
| 71 | SAAU31 | YBBN | 150200 | | 02:05:02 | 02:05:29 | 02:05:31 |
| 72 | SAAU31 | YBBN | 150230 | | 02:35:06 | 02:35:38 | 02:35:39 |
| 73 | SAAU31 | YBBN | 150300 | | 03:05:07 | 03:05:37 | 03:05:39 |
| 74 | SAAU31 | YBBN | 150330 | | 03:35:03 | 03:35:33 | 03:35:35 |
| 75 | SAAU31 | YBBN | 150400 | | 04:05:03 | 04:05:34 | 04:05:36 |
| 76 | SAAU31 | YBBN | 150430 | RRA | 04:45:03 | 04:45:26 | 04:45:27 |
| 77 | SAAU31 | YBBN | 150430 | | 04:35:07 | 04:35:35 | 04:35:37 |
| 78 | SAAU31 | YBBN | 150500 | | 05:05:07 | 05:05:53 | 05:05:55 |
| 79 | SAAU31 | YBBN | 150530 | | 05:35:06 | 05:35:43 | 05:35:45 |
| 80 | SAAU31 | YBBN | 150600 | | 06:05:06 | 06:05:35 | 06:05:37 |
| 81 | SAAU31 | YBBN | 150630 | RRA | 06:45:04 | 06:45:16 | 06:45:17 |
| 82 | SAAU31 | YBBN | 150630 | | 06:35:04 | 06:35:30 | 06:35:31 |
| 83 | SAAU31 | YBBN | 150700 | | 07:05:05 | 07:05:26 | 07:05:27 |
| 84 | SAAU31 | YBBN | 150730 | RRA | 07:45:04 | 07:45:18 | 07:45:19 |
| 85 | SAAU31 | YBBN | 150730 | | 07:35:04 | 07:35:23 | 07:35:25 |
| 86 | SAAU32 | YBBN | 150200 | | 02:05:04 | 02:05:35 | 02:05:37 |
| 87 | SAAU32 | YBBN | 150230 | | 02:35:07 | 02:35:40 | 02:35:42 |
| 88 | SAAU32 | YBBN | 150300 | | 03:05:06 | 03:05:19 | 03:05:20 |
| 89 | SAAU32 | YBBN | 150330 | | 03:35:01 | 03:35:19 | 03:35:21 |
| 90 | SAAU32 | YBBN | 150400 | | 04:05:01 | 04:05:20 | 04:05:22 |
| 91 | SAAU32 | YBBN | 150430 | RRA | 04:45:02 | 04:45:23 | 04:45:24 |
| 92 | SAAU32 | YBBN | 150430 | | 04:35:05 | 04:35:22 | 04:35:23 |
| 93 | SAAU32 | YBBN | 150500 | | 05:05:06 | 05:05:30 | 05:05:32 |
| 94 | SAAU32 | YBBN | 150530 | | 05:35:03 | 05:35:26 | 05:35:28 |
| 95 | SAAU32 | YBBN | 150600 | | 06:05:02 | 06:05:22 | 06:05:24 |
| 96 | SAAU32 | YBBN | 150630 | | 06:35:03 | 06:35:15 | 06:35:17 |
| 97 | SAAU32 | YBBN | 150700 | | 07:05:06 | 07:05:30 | 07:05:31 |
| 98 | SAAU32 | YBBN | 150730 | | 07:35:04 | 07:35:25 | 07:35:27 |
| 99 | SAAU33 | YBBN | 150200 | | 02:05:02 | 02:05:24 | 02:05:26 |
| 100 | SAAU33 | YBBN | 150230 | | 02:35:06 | 02:35:33 | 02:35:35 |
| 101 | SAAU33 | YBBN | 150300 | | 03:05:07 | 03:05:33 | 03:05:35 |
| 102 | SAAU33 | YBBN | 150330 | | 03:35:03 | 03:35:31 | 03:35:33 |
| 103 | SAAU33 | YBBN | 150400 | | 04:05:03 | 04:05:31 | 04:05:32 |
| 104 | SAAU33 | YBBN | 150430 | | 04:35:07 | 04:35:29 | 04:35:31 |

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| 105 | SAAU33 | YBBN | 150500 | | 05:05:07 | 05:05:46 | 05:05:48 |
| 106 | SAAU33 | YBBN | 150530 | | 05:35:05 | 05:35:39 | 05:35:40 |
| 107 | SAAU33 | YBBN | 150600 | | 06:05:04 | 06:05:31 | 06:05:32 |
| 108 | SAAU33 | YBBN | 150630 | | 06:35:04 | 06:35:27 | 06:35:29 |
| 109 | SAAU33 | YBBN | 150700 | | 07:05:05 | 07:05:24 | 07:05:25 |
| 110 | SAAU33 | YBBN | 150730 | | 07:35:03 | 07:35:21 | 07:35:22 |
| 111 | SAAU34 | YBBN | 150200 | | 02:05:01 | 02:05:20 | 02:05:22 |
| 112 | SAAU34 | YBBN | 150230 | | 02:35:05 | 02:35:28 | 02:35:29 |
| 113 | SAAU34 | YBBN | 150300 | | 03:05:06 | 03:05:27 | 03:05:29 |
| 114 | SAAU34 | YBBN | 150330 | | 03:35:02 | 03:35:24 | 03:35:26 |
| 115 | SAAU34 | YBBN | 150400 | | 04:05:02 | 04:05:26 | 04:05:28 |
| 116 | SAAU34 | YBBN | 150430 | | 04:35:06 | 04:35:26 | 04:35:27 |
| 117 | SAAU34 | YBBN | 150500 | | 05:05:06 | 05:05:34 | 05:05:36 |
| 118 | SAAU34 | YBBN | 150530 | | 05:35:04 | 05:35:30 | 05:35:32 |
| 119 | SAAU34 | YBBN | 150600 | | 06:05:03 | 06:05:27 | 06:05:29 |
| 120 | SAAU34 | YBBN | 150630 | | 06:35:04 | 06:35:23 | 06:35:25 |
| 121 | SAAU34 | YBBN | 150700 | | 07:05:07 | 07:05:36 | 07:05:37 |
| 122 | SAAU34 | YBBN | 150730 | | 07:35:03 | 07:35:17 | 07:35:19 |
| 123 | SAAU35 | YBBN | 150200 | | 02:05:01 | 02:05:45 | 02:05:46 |
| 124 | SAAU35 | YBBN | 150200 | | 02:05:04 | 02:05:18 | 02:05:20 |
| 125 | SAAU35 | YBBN | 150230 | | 02:35:05 | 02:35:12 | 02:35:13 |
| 126 | SAAU35 | YBBN | 150300 | | 03:05:06 | 03:05:21 | 03:05:23 |
| 127 | SAAU35 | YBBN | 150330 | | 03:35:02 | 03:35:22 | 03:35:24 |
| 128 | SAAU35 | YBBN | 150400 | | 04:05:01 | 04:05:23 | 04:05:24 |
| 129 | SAAU35 | YBBN | 150430 | | 04:35:06 | 04:35:24 | 04:35:25 |
| 130 | SAAU35 | YBBN | 150500 | | 05:05:06 | 05:05:28 | 05:05:30 |
| 131 | SAAU35 | YBBN | 150530 | | 05:35:04 | 05:35:28 | 05:35:30 |
| 132 | SAAU35 | YBBN | 150600 | | 06:05:03 | 06:05:25 | 06:05:27 |
| 133 | SAAU35 | YBBN | 150630 | RRA | 06:45:05 | 06:45:17 | 06:45:19 |
| 134 | SAAU35 | YBBN | 150630 | | 06:35:04 | 06:35:18 | 06:35:20 |
| 135 | SAAU35 | YBBN | 150700 | | 07:05:07 | 07:05:34 | 07:05:35 |
| 136 | SAAU35 | YBBN | 150730 | | 07:35:04 | 07:35:28 | 07:35:29 |
| 137 | SAAU36 | YBBN | 150200 | | 02:05:01 | 02:05:22 | 02:05:24 |
| 138 | SAAU36 | YBBN | 150230 | | 02:35:05 | 02:35:29 | 02:35:31 |
| 139 | SAAU36 | YBBN | 150300 | | 03:05:06 | 03:05:25 | 03:05:27 |
| 140 | SAAU36 | YBBN | 150330 | | 03:35:03 | 03:35:29 | 03:35:31 |
| 141 | SAAU36 | YBBN | 150400 | | 04:05:02 | 04:05:28 | 04:05:29 |
| 142 | SAAU36 | YBBN | 150430 | RRA | 04:45:02 | 04:45:24 | 04:45:25 |
| 143 | SAAU36 | YBBN | 150430 | | 04:35:06 | 04:35:27 | 04:35:29 |
| 144 | SAAU36 | YBBN | 150500 | | 05:05:06 | 05:05:36 | 05:05:37 |
| 145 | SAAU36 | YBBN | 150530 | | 05:35:04 | 05:35:32 | 05:35:33 |
| 146 | SAAU36 | YBBN | 150600 | | 06:05:03 | 06:05:29 | 06:05:30 |
| 147 | SAAU36 | YBBN | 150630 | RRA | 06:45:05 | 06:45:19 | 06:45:21 |
| 148 | SAAU36 | YBBN | 150630 | | 06:35:04 | 06:35:25 | 06:35:27 |
| 149 | SAAU36 | YBBN | 150700 | | 07:05:04 | 07:05:21 | 07:05:22 |
| 150 | SAAU36 | YBBN | 150730 | | 07:35:03 | 07:35:19 | 07:35:20 |
| 151 | SABN31 | OBBI | 150200 | | 02:06:07 | 02:06:22 | 02:06:23 |
| 152 | SABN31 | OBBI | 150230 | | 02:28:00 | 02:29:22 | 02:29:26 |
| 153 | SABN31 | OBBI | 150300 | | 02:59:02 | 03:02:18 | 03:02:20 |
| 154 | SABN31 | OBBI | 150300 | | 02:58:58 | 02:59:11 | 02:59:12 |
| 155 | SABN31 | OBBI | 150330 | | 03:24:29 | 03:24:41 | 03:24:42 |
| 156 | SABN31 | OBBI | 150400 | | 04:09:59 | 04:10:55 | 04:10:56 |
| 157 | SABN31 | OBBI | 150400 | | 03:57:34 | 03:57:51 | 03:57:53 |
| 158 | SABN31 | OBBI | 150430 | | 04:23:21 | 04:23:32 | 04:23:33 |
| 159 | SABN31 | OBBI | 150500 | RRA | 05:10:27 | 05:11:23 | 05:11:24 |
| 160 | SABN31 | OBBI | 150500 | | 05:10:05 | 05:10:03 | 05:10:04 |
| 161 | SABN31 | OBBI | 150500 | | 04:58:04 | 05:03:35 | 05:03:36 |
| 162 | SABN31 | OBBI | 150530 | | 05:25:00 | 05:25:13 | 05:25:14 |
| 163 | SABN31 | OBBI | 150600 | | 06:01:19 | 06:02:24 | 06:02:25 |

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|-----|--------|------|--------|-----|----------|----------|----------|
| 164 | SABN31 | OBBI | 150600 | | 05:52:00 | 05:52:14 | 05:52:15 |
| 165 | SABN31 | OBBI | 150630 | | 06:22:14 | 06:22:35 | 06:22:36 |
| 166 | SABN31 | OBBI | 150700 | | 07:06:09 | 07:06:27 | 07:06:29 |
| 167 | SABN31 | OBBI | 150700 | | 06:56:42 | 06:56:56 | 06:56:57 |
| 168 | SABN31 | OBBI | 150730 | | 07:22:24 | 07:22:39 | 07:22:41 |
| 169 | SABN31 | OBBI | 150800 | | 07:53:00 | 07:57:29 | 07:57:31 |
| 170 | SACI31 | ZBBB | 150200 | | 02:05:13 | 02:06:07 | 02:06:09 |
| 171 | SACI31 | ZBBB | 150230 | | 02:35:08 | 02:35:09 | 02:35:11 |
| 172 | SACI31 | ZBBB | 150300 | | 03:05:13 | 03:05:31 | 03:05:32 |
| 173 | SACI31 | ZBBB | 150330 | | 03:35:07 | 03:35:26 | 03:35:28 |
| 174 | SACI31 | ZBBB | 150400 | | 04:05:15 | 04:05:43 | 04:05:44 |
| 175 | SACI31 | ZBBB | 150430 | | 04:35:10 | 04:36:14 | 04:36:16 |
| 176 | SACI31 | ZBBB | 150500 | | 05:05:15 | 05:05:50 | 05:05:52 |
| 177 | SACI31 | ZBBB | 150530 | | 05:35:08 | 05:35:23 | 05:35:25 |
| 178 | SACI31 | ZBBB | 150600 | | 06:05:14 | 06:06:41 | 06:06:43 |
| 179 | SACI31 | ZBBB | 150630 | | 06:35:08 | 06:35:21 | 06:35:23 |
| 180 | SACI31 | ZBBB | 150700 | | 07:05:14 | 07:06:30 | 07:06:31 |
| 181 | SACI31 | ZBBB | 150730 | | 07:35:07 | 07:35:45 | 07:35:47 |
| 182 | SACI32 | ZBBB | 150200 | RRA | 02:15:14 | 02:16:44 | 02:16:46 |
| 183 | SACI32 | ZBBB | 150200 | | 02:05:18 | 02:06:10 | 02:06:11 |
| 184 | SACI32 | ZBBB | 150300 | | 03:05:39 | 03:07:39 | 03:07:41 |
| 185 | SACI32 | ZBBB | 150400 | | 04:05:20 | 04:06:47 | 04:06:49 |
| 186 | SACI32 | ZBBB | 150500 | | 05:05:21 | 05:06:04 | 05:06:06 |
| 187 | SACI32 | ZBBB | 150600 | | 06:05:21 | 06:06:36 | 06:06:38 |
| 188 | SACI32 | ZBBB | 150700 | | 07:05:20 | 07:06:32 | 07:06:34 |
| 189 | SACI41 | ZBBB | 150200 | | 02:05:22 | 02:06:12 | 02:06:14 |
| 190 | SACI41 | ZBBB | 150300 | | 03:05:40 | 03:07:42 | 03:07:44 |
| 191 | SACI41 | ZBBB | 150400 | | 04:05:27 | 04:06:45 | 04:06:47 |
| 192 | SACI41 | ZBBB | 150500 | | 05:05:29 | 05:06:45 | 05:06:47 |
| 193 | SACI41 | ZBBB | 150600 | | 06:05:26 | 06:06:39 | 06:06:41 |
| 194 | SACI41 | ZBBB | 150700 | | 07:05:25 | 07:06:35 | 07:06:36 |
| 195 | SAHK31 | VHHH | 150200 | RRF | 02:16:18 | 02:16:43 | 02:16:44 |
| 196 | SAHK31 | VHHH | 150200 | RRE | 02:16:17 | 02:16:41 | 02:16:43 |
| 197 | SAHK31 | VHHH | 150200 | RRD | 02:16:16 | 02:16:40 | 02:16:41 |
| 198 | SAHK31 | VHHH | 150200 | RRC | 02:16:14 | 02:16:38 | 02:16:39 |
| 199 | SAHK31 | VHHH | 150200 | RRB | 02:16:13 | 02:16:36 | 02:16:38 |
| 200 | SAHK31 | VHHH | 150200 | RRA | 02:16:12 | 02:16:35 | 02:16:36 |
| 201 | SAHK31 | VHHH | 150200 | | 02:06:43 | 02:10:18 | 02:10:20 |
| 202 | SAHK31 | VHHH | 150230 | | 02:36:12 | 02:36:28 | 02:36:29 |
| 203 | SAHK31 | VHHH | 150300 | RRF | 03:16:28 | 03:16:47 | 03:16:49 |
| 204 | SAHK31 | VHHH | 150300 | RRE | 03:16:27 | 03:16:45 | 03:16:47 |
| 205 | SAHK31 | VHHH | 150300 | RRD | 03:16:26 | 03:16:44 | 03:16:45 |
| 206 | SAHK31 | VHHH | 150300 | RRC | 03:16:25 | 03:16:42 | 03:16:44 |
| 207 | SAHK31 | VHHH | 150300 | RRB | 03:16:24 | 03:16:41 | 03:16:42 |
| 208 | SAHK31 | VHHH | 150300 | RRA | 03:16:23 | 03:16:39 | 03:16:40 |
| 209 | SAHK31 | VHHH | 150300 | | 03:10:09 | 03:10:13 | 03:10:15 |
| 210 | SAHK31 | VHHH | 150330 | | 03:36:11 | 03:36:30 | 03:36:31 |
| 211 | SAHK31 | VHHH | 150400 | RRE | 04:16:20 | 04:16:37 | 04:16:38 |
| 212 | SAHK31 | VHHH | 150400 | RRD | 04:16:19 | 04:16:35 | 04:16:36 |
| 213 | SAHK31 | VHHH | 150400 | RRC | 04:16:17 | 04:16:34 | 04:16:35 |
| 214 | SAHK31 | VHHH | 150400 | RRA | 04:16:15 | 04:16:32 | 04:16:33 |
| 215 | SAHK31 | VHHH | 150400 | RRB | 04:16:16 | 04:16:31 | 04:16:32 |
| 216 | SAHK31 | VHHH | 150400 | | 04:09:49 | 04:10:14 | 04:10:15 |
| 217 | SAHK31 | VHHH | 150430 | | 04:36:14 | 04:36:31 | 04:36:33 |
| 218 | SAHK31 | VHHH | 150500 | RRF | 05:16:28 | 05:16:41 | 05:16:42 |
| 219 | SAHK31 | VHHH | 150500 | RRE | 05:16:26 | 05:16:39 | 05:16:40 |
| 220 | SAHK31 | VHHH | 150500 | RRD | 05:16:25 | 05:16:37 | 05:16:39 |
| 221 | SAHK31 | VHHH | 150500 | RRC | 05:16:24 | 05:16:36 | 05:16:37 |
| 222 | SAHK31 | VHHH | 150500 | RRB | 05:16:22 | 05:16:34 | 05:16:36 |

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| 223 | SAHK31 | VHHH | 150500 | RRA | 05:16:21 | 05:16:33 | 05:16:34 |
| 224 | SAHK31 | VHHH | 150500 | | 05:09:13 | 05:10:27 | 05:10:28 |
| 225 | SAHK31 | VHHH | 150530 | | 05:36:32 | 05:36:23 | 05:36:25 |
| 226 | SAHK31 | VHHH | 150600 | RRF | 06:16:20 | 06:16:41 | 06:16:43 |
| 227 | SAHK31 | VHHH | 150600 | RRE | 06:16:19 | 06:16:39 | 06:16:41 |
| 228 | SAHK31 | VHHH | 150600 | RRD | 06:16:19 | 06:16:38 | 06:16:39 |
| 229 | SAHK31 | VHHH | 150600 | RRC | 06:16:17 | 06:16:36 | 06:16:38 |
| 230 | SAHK31 | VHHH | 150600 | RRB | 06:16:15 | 06:16:35 | 06:16:36 |
| 231 | SAHK31 | VHHH | 150600 | RRA | 06:16:15 | 06:16:15 | 06:16:16 |
| 232 | SAHK31 | VHHH | 150600 | | 06:09:36 | 06:10:15 | 06:10:17 |
| 233 | SAHK31 | VHHH | 150630 | | 06:36:13 | 06:36:25 | 06:36:27 |
| 234 | SAHK31 | VHHH | 150700 | RRE | 07:20:24 | 07:20:40 | 07:20:41 |
| 235 | SAHK31 | VHHH | 150700 | RRD | 07:20:21 | 07:20:38 | 07:20:40 |
| 236 | SAHK31 | VHHH | 150700 | RRC | 07:20:18 | 07:20:37 | 07:20:38 |
| 237 | SAHK31 | VHHH | 150700 | RRB | 07:20:17 | 07:20:20 | 07:20:21 |
| 238 | SAHK31 | VHHH | 150700 | RRA | 07:20:16 | 07:20:18 | 07:20:20 |
| 239 | SAHK31 | VHHH | 150700 | | 07:09:47 | 07:10:27 | 07:10:28 |
| 240 | SAHK31 | VHHH | 150730 | | 07:36:09 | 07:36:19 | 07:36:20 |
| 241 | SAID31 | WIII | 150200 | | 02:26:05 | 02:26:11 | 02:26:12 |
| 242 | SAID31 | WIII | 150200 | | 02:10:08 | 02:11:46 | 02:11:47 |
| 243 | SAID31 | WIII | 150230 | | 02:46:10 | 02:46:28 | 02:46:29 |
| 244 | SAID31 | WIII | 150230 | | 02:40:09 | 02:41:20 | 02:41:22 |
| 245 | SAID31 | WIII | 150300 | | 03:10:07 | 03:10:16 | 03:10:18 |
| 246 | SAID31 | WIII | 150330 | | 03:40:10 | 03:40:30 | 03:40:31 |
| 247 | SAID31 | WIII | 150400 | | 04:11:30 | 04:11:51 | 04:11:52 |
| 248 | SAID31 | WIII | 150400 | | 04:10:07 | 04:10:16 | 04:10:18 |
| 249 | SAID31 | WIII | 150430 | | 04:40:08 | 04:40:22 | 04:40:24 |
| 250 | SAID31 | WIII | 150500 | | 05:10:07 | 05:10:34 | 05:10:35 |
| 251 | SAID31 | WIII | 150530 | | 05:40:10 | 05:40:27 | 05:40:29 |
| 252 | SAID31 | WIII | 150600 | | 06:10:07 | 06:10:18 | 06:10:20 |
| 253 | SAID31 | WIII | 150630 | | 06:40:08 | 06:41:19 | 06:41:21 |
| 254 | SAID31 | WIII | 150700 | | 07:10:09 | 07:10:29 | 07:10:31 |
| 255 | SAID31 | WIII | 150730 | | 07:40:10 | 07:40:28 | 07:40:29 |
| 256 | SAID32 | WIII | 150200 | | 02:10:13 | 02:12:00 | 02:12:01 |
| 257 | SAID32 | WIII | 150230 | | 02:40:14 | 02:41:34 | 02:41:35 |
| 258 | SAID32 | WIII | 150300 | | 03:10:10 | 03:10:42 | 03:10:43 |
| 259 | SAID32 | WIII | 150330 | | 03:44:10 | 03:44:30 | 03:44:31 |
| 260 | SAID32 | WIII | 150330 | | 03:40:16 | 03:42:23 | 03:42:25 |
| 261 | SAID32 | WIII | 150400 | | 04:10:11 | 04:10:40 | 04:10:41 |
| 262 | SAID32 | WIII | 150430 | | 04:40:24 | 04:54:32 | 04:54:33 |
| 263 | SAID32 | WIII | 150430 | | 04:40:19 | 04:40:41 | 04:40:43 |
| 264 | SAID32 | WIII | 150500 | | 05:10:12 | 05:11:35 | 05:11:36 |
| 265 | SAID32 | WIII | 150530 | | 05:40:17 | 05:42:37 | 05:42:38 |
| 266 | SAID32 | WIII | 150600 | | 06:10:15 | 06:10:25 | 06:10:26 |
| 267 | SAID32 | WIII | 150600 | | 06:10:12 | 06:10:23 | 06:10:24 |
| 268 | SAID32 | WIII | 150630 | | 06:40:20 | 06:41:35 | 06:41:36 |
| 269 | SAID32 | WIII | 150700 | | 07:10:16 | 07:10:32 | 07:10:33 |
| 270 | SAID32 | WIII | 150730 | | 07:40:24 | 07:40:33 | 07:40:35 |
| 271 | SAID33 | WIII | 150200 | | 02:10:10 | 02:11:38 | 02:11:40 |
| 272 | SAID33 | WIII | 150230 | | 02:40:11 | 02:41:27 | 02:41:29 |
| 273 | SAID33 | WIII | 150300 | | 03:10:08 | 03:10:50 | 03:10:51 |
| 274 | SAID33 | WIII | 150330 | | 03:42:20 | 03:42:24 | 03:42:26 |
| 275 | SAID33 | WIII | 150330 | | 03:40:13 | 03:42:15 | 03:42:17 |
| 276 | SAID33 | WIII | 150400 | | 04:10:09 | 04:10:31 | 04:10:32 |
| 277 | SAID33 | WIII | 150430 | | 04:40:15 | 04:40:20 | 04:54:22 |
| 278 | SAID33 | WIII | 150500 | | 05:10:10 | 05:11:05 | 05:11:07 |
| 279 | SAID33 | WIII | 150530 | | 05:40:13 | 05:42:28 | 05:42:29 |
| 280 | SAID33 | WIII | 150600 | | 06:10:09 | 06:14:27 | 06:14:28 |
| 281 | SAID33 | WIII | 150630 | | 06:40:14 | 06:41:27 | 06:41:29 |

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| 282 | SAID33 | WIII | 150700 | | 07:10:15 | 07:11:14 | 07:11:16 |
| 283 | SAID33 | WIII | 150730 | | 07:40:16 | 07:40:30 | 07:40:31 |
| 284 | SAIN31 | VABB | 150200 | | 02:07:22 | 02:07:29 | 02:07:31 |
| 285 | SAIN31 | VABB | 150230 | | 02:37:53 | 02:38:09 | 02:38:11 |
| 286 | SAIN31 | VABB | 150300 | | 03:07:25 | 03:11:20 | 03:11:22 |
| 287 | SAIN31 | VABB | 150330 | | 03:37:38 | 03:37:41 | 03:37:43 |
| 288 | SAIN31 | VABB | 150400 | | 04:07:36 | 04:09:50 | 04:09:52 |
| 289 | SAIN31 | VABB | 150430 | | 04:37:39 | 04:37:53 | 04:37:55 |
| 290 | SAIN31 | VABB | 150500 | | 05:07:41 | 05:11:55 | 05:11:57 |
| 291 | SAIN31 | VABB | 150530 | | 06:18:14 | 06:19:56 | 06:19:58 |
| 292 | SAIN31 | VABB | 150600 | | 06:18:21 | 06:21:22 | 06:21:24 |
| 293 | SAIN31 | VABB | 150630 | | 06:37:39 | 06:37:47 | 06:37:48 |
| 294 | SAIN31 | VABB | 150700 | | 07:07:33 | 07:07:46 | 07:07:48 |
| 295 | SAIN31 | VABB | 150730 | | 07:37:34 | 07:42:09 | 07:42:11 |
| 296 | SAIN32 | VIDP | 150200 | RRA | 02:10:15 | 02:10:22 | 02:10:23 |
| 297 | SAIN32 | VIDP | 150200 | | 02:05:18 | 02:05:49 | 02:05:51 |
| 298 | SAIN32 | VIDP | 150230 | RRB | 02:45:21 | 02:45:29 | 02:45:30 |
| 299 | SAIN32 | VIDP | 150230 | RRA | 02:40:19 | 02:40:29 | 02:40:30 |
| 300 | SAIN32 | VIDP | 150230 | | 02:35:20 | 02:35:49 | 02:35:51 |
| 301 | SAIN32 | VIDP | 150300 | RRA | 03:10:20 | 03:10:31 | 03:10:33 |
| 302 | SAIN32 | VIDP | 150300 | | 03:05:23 | 03:05:56 | 03:05:57 |
| 303 | SAIN32 | VIDP | 150330 | RRB | 03:45:18 | 03:45:30 | 03:45:31 |
| 304 | SAIN32 | VIDP | 150330 | RRA | 03:40:19 | 03:40:34 | 03:40:35 |
| 305 | SAIN32 | VIDP | 150330 | | 03:35:18 | 03:35:44 | 03:35:46 |
| 306 | SAIN32 | VIDP | 150400 | | 04:05:22 | 04:05:54 | 04:05:56 |
| 307 | SAIN32 | VIDP | 150430 | RRB | 04:45:18 | 04:45:30 | 04:45:32 |
| 308 | SAIN32 | VIDP | 150430 | | 04:35:17 | 04:35:37 | 04:35:39 |
| 309 | SAIN32 | VIDP | 150500 | RRA | 05:10:13 | 05:10:39 | 05:10:41 |
| 310 | SAIN32 | VIDP | 150500 | | 05:05:19 | 05:06:02 | 05:06:04 |
| 311 | SAIN32 | VIDP | 150530 | | 06:18:08 | 06:19:36 | 06:19:38 |
| 312 | SAIN32 | VIDP | 150600 | RRA | 06:18:22 | 06:21:28 | 06:21:29 |
| 313 | SAIN32 | VIDP | 150600 | | 06:18:20 | 06:21:13 | 06:21:14 |
| 314 | SAIN32 | VIDP | 150630 | RRB | 06:45:20 | 06:45:36 | 06:45:37 |
| 315 | SAIN32 | VIDP | 150630 | RRA | 06:42:33 | 06:42:56 | 06:42:57 |
| 316 | SAIN32 | VIDP | 150630 | | 06:39:36 | 06:39:45 | 06:39:47 |
| 317 | SAIN32 | VIDP | 150700 | RRA | 07:10:17 | 07:10:34 | 07:10:35 |
| 318 | SAIN32 | VIDP | 150700 | | 07:05:17 | 07:05:41 | 07:05:42 |
| 319 | SAIN32 | VIDP | 150730 | RRB | 07:45:11 | 07:45:19 | 07:45:21 |
| 320 | SAIN32 | VIDP | 150730 | RRA | 07:40:19 | 07:40:32 | 07:40:33 |
| 321 | SAIN32 | VIDP | 150730 | | 07:35:20 | 07:35:36 | 07:35:37 |
| 322 | SAIN33 | VECC | 150200 | CCA | 02:30:41 | 02:30:52 | 02:30:54 |
| 323 | SAIN33 | VECC | 150200 | RRA | 02:15:24 | 02:15:28 | 02:15:29 |
| 324 | SAIN33 | VECC | 150200 | | 02:05:22 | 02:06:02 | 02:06:03 |
| 325 | SAIN33 | VECC | 150230 | | 02:35:31 | 02:35:58 | 02:35:59 |
| 326 | SAIN33 | VECC | 150300 | | 03:05:34 | 03:05:58 | 03:05:59 |
| 327 | SAIN33 | VECC | 150330 | | 03:35:31 | 03:35:49 | 03:35:51 |
| 328 | SAIN33 | VECC | 150400 | | 04:05:26 | 04:05:56 | 04:05:58 |
| 329 | SAIN33 | VECC | 150430 | | 04:35:25 | 04:35:41 | 04:35:42 |
| 330 | SAIN33 | VECC | 150500 | | 05:05:26 | 05:06:14 | 05:06:16 |
| 331 | SAIN33 | VECC | 150530 | RRA | 06:18:12 | 06:19:59 | 06:20:00 |
| 332 | SAIN33 | VECC | 150530 | | 06:18:07 | 06:19:38 | 06:19:40 |
| 333 | SAIN33 | VECC | 150600 | RRB | 06:25:27 | 06:25:45 | 06:25:46 |
| 334 | SAIN33 | VECC | 150600 | RRA | 06:18:24 | 06:21:53 | 06:21:55 |
| 335 | SAIN33 | VECC | 150600 | | 06:18:20 | 06:21:15 | 06:21:16 |
| 336 | SAIN33 | VECC | 150630 | | 06:35:28 | 06:35:42 | 06:35:43 |
| 337 | SAIN33 | VECC | 150700 | RRA | 07:15:29 | 07:15:47 | 07:15:48 |
| 338 | SAIN33 | VECC | 150700 | | 07:05:28 | 07:05:55 | 07:05:57 |
| 339 | SAIN33 | VECC | 150730 | | 07:35:26 | 07:35:41 | 07:35:43 |
| 340 | SAIR31 | OIII | 150200 | | 02:03:06 | 02:03:52 | 02:03:53 |

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| 341 | SAIR31 | OIII | 150230 | RRA | 02:36:20 | 02:36:31 | 02:36:32 |
| 342 | SAIR31 | OIII | 150230 | | 02:33:04 | 02:33:28 | 02:33:29 |
| 343 | SAIR31 | OIII | 150300 | | 03:03:12 | 03:03:44 | 03:03:45 |
| 344 | SAIR31 | OIII | 150330 | | 03:33:04 | 03:33:29 | 03:33:31 |
| 345 | SAIR31 | OIII | 150400 | | 04:03:02 | 04:03:30 | 04:03:31 |
| 346 | SAIR31 | OIII | 150430 | | 04:33:11 | 04:33:31 | 04:33:32 |
| 347 | SAIR31 | OIII | 150500 | RRA | 05:27:55 | 05:28:08 | 05:28:09 |
| 348 | SAIR31 | OIII | 150500 | | 05:03:08 | 05:04:03 | 05:04:04 |
| 349 | SAIR31 | OIII | 150530 | | 05:33:06 | 05:33:25 | 05:33:26 |
| 350 | SAIR31 | OIII | 150600 | | 06:03:10 | 06:03:43 | 06:03:44 |
| 351 | SAIR31 | OIII | 150630 | | 06:33:08 | 06:43:26 | 06:43:27 |
| 352 | SAIR31 | OIII | 150700 | | 07:03:03 | 07:08:31 | 07:08:32 |
| 353 | SAIR31 | OIII | 150730 | | 07:33:06 | 07:33:30 | 07:33:31 |
| 354 | SAJP31 | RJTD | 150200 | | 02:06:43 | 02:06:57 | 02:06:58 |
| 355 | SAJP31 | RJTD | 150300 | | 03:06:43 | 03:06:59 | 03:07:00 |
| 356 | SAJP31 | RJTD | 150400 | | 04:06:44 | 04:06:51 | 04:06:53 |
| 357 | SAJP31 | RJTD | 150500 | | 05:06:44 | 05:07:05 | 05:07:06 |
| 358 | SAJP31 | RJTD | 150600 | | 06:06:44 | 06:06:54 | 06:06:56 |
| 359 | SAJP31 | RJTD | 150700 | | 07:06:43 | 07:06:58 | 07:06:59 |
| 360 | SAJP32 | RJTD | 150200 | RRA | 02:06:46 | 02:07:02 | 02:07:03 |
| 361 | SAJP32 | RJTD | 150200 | | 02:06:46 | 02:07:00 | 02:07:01 |
| 362 | SAJP32 | RJTD | 150300 | RRA | 03:06:46 | 03:07:03 | 03:07:05 |
| 363 | SAJP32 | RJTD | 150300 | | 03:06:45 | 03:07:01 | 03:07:03 |
| 364 | SAJP32 | RJTD | 150400 | RRA | 04:06:46 | 04:06:55 | 04:06:57 |
| 365 | SAJP32 | RJTD | 150400 | | 04:06:46 | 04:06:53 | 04:06:55 |
| 366 | SAJP32 | RJTD | 150500 | RRA | 05:06:48 | 05:07:11 | 05:07:12 |
| 367 | SAJP32 | RJTD | 150500 | | 05:06:46 | 05:07:07 | 05:07:08 |
| 368 | SAJP32 | RJTD | 150600 | RRA | 06:06:45 | 06:06:59 | 06:07:00 |
| 369 | SAJP32 | RJTD | 150600 | | 06:06:45 | 06:06:56 | 06:06:58 |
| 370 | SAJP32 | RJTD | 150700 | RRA | 07:06:46 | 07:07:02 | 07:07:03 |
| 371 | SAJP32 | RJTD | 150700 | | 07:06:45 | 07:07:00 | 07:07:01 |
| 372 | SAJP38 | RJTD | 150200 | RRA | 02:06:48 | 02:07:06 | 02:07:07 |
| 373 | SAJP38 | RJTD | 150200 | | 02:06:47 | 02:07:04 | 02:07:05 |
| 374 | SAJP38 | RJTD | 150300 | RRA | 03:06:47 | 03:07:07 | 03:07:09 |
| 375 | SAJP38 | RJTD | 150300 | | 03:06:47 | 03:07:05 | 03:07:07 |
| 376 | SAJP38 | RJTD | 150400 | RRA | 04:06:47 | 04:07:10 | 04:07:12 |
| 377 | SAJP38 | RJTD | 150400 | | 04:06:47 | 04:06:57 | 04:06:58 |
| 378 | SAJP38 | RJTD | 150500 | RRA | 05:06:51 | 05:07:16 | 05:07:18 |
| 379 | SAJP38 | RJTD | 150500 | | 05:06:50 | 05:07:13 | 05:07:14 |
| 380 | SAJP38 | RJTD | 150600 | RRA | 06:06:47 | 06:07:03 | 06:07:04 |
| 381 | SAJP38 | RJTD | 150600 | | 06:06:46 | 06:07:01 | 06:07:02 |
| 382 | SAJP38 | RJTD | 150700 | RRA | 07:06:48 | 07:07:06 | 07:07:07 |
| 383 | SAJP38 | RJTD | 150700 | | 07:06:46 | 07:07:04 | 07:07:05 |
| 384 | SAKO31 | RKSI | 150200 | | 02:04:16 | 02:04:28 | 02:04:29 |
| 385 | SAKO31 | RKSI | 150230 | | 02:34:17 | 02:34:29 | 02:34:30 |
| 386 | SAKO31 | RKSI | 150300 | | 03:04:19 | 03:04:38 | 03:04:40 |
| 387 | SAKO31 | RKSI | 150330 | | 03:34:14 | 03:34:29 | 03:34:31 |
| 388 | SAKO31 | RKSI | 150400 | CCA | 04:21:29 | 04:21:42 | 04:21:44 |
| 389 | SAKO31 | RKSI | 150400 | CCB | 04:21:26 | 04:21:41 | 04:21:42 |
| 390 | SAKO31 | RKSI | 150400 | | 04:04:20 | 04:04:40 | 04:04:42 |
| 391 | SAKO31 | RKSI | 150430 | | 04:34:15 | 04:34:31 | 04:34:33 |
| 392 | SAKO31 | RKSI | 150500 | | 05:04:25 | 05:04:42 | 05:04:44 |
| 393 | SAKO31 | RKSI | 150530 | | 05:34:27 | 05:34:33 | 05:34:35 |
| 394 | SAKO31 | RKSI | 150600 | | 06:04:20 | 06:04:36 | 06:04:37 |
| 395 | SAKO31 | RKSI | 150630 | | 06:34:14 | 06:34:35 | 06:34:37 |
| 396 | SAKO31 | RKSI | 150700 | | 07:04:19 | 07:04:36 | 07:04:38 |
| 397 | SAKO31 | RKSI | 150730 | | 07:34:17 | 07:34:37 | 07:34:39 |
| 398 | SAMS31 | WMKK | 150200 | RRA | 02:16:11 | 02:16:27 | 02:16:28 |
| 399 | SAMS31 | WMKK | 150200 | | 02:08:13 | 02:08:27 | 02:08:28 |

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| 400 | SAMS31 | WMKK | 150200 | | 02:08:00 | 02:08:24 | 02:08:26 |
| 401 | SAMS31 | WMKK | 150230 | RRA | 02:44:05 | 02:44:18 | 02:44:19 |
| 402 | SAMS31 | WMKK | 150230 | | 02:38:05 | 02:38:15 | 02:38:17 |
| 403 | SAMS31 | WMKK | 150230 | | 02:38:00 | 02:38:13 | 02:38:15 |
| 404 | SAMS31 | WMKK | 150300 | RRB | 03:24:05 | 03:24:19 | 03:24:21 |
| 405 | SAMS31 | WMKK | 150300 | RRA | 03:18:11 | 03:18:13 | 03:18:14 |
| 406 | SAMS31 | WMKK | 150300 | RRA | 03:12:00 | 03:12:10 | 03:12:12 |
| 407 | SAMS31 | WMKK | 150300 | CCA | 03:10:00 | 03:10:11 | 03:10:13 |
| 408 | SAMS31 | WMKK | 150300 | | 03:08:10 | 03:08:23 | 03:08:25 |
| 409 | SAMS31 | WMKK | 150300 | | 03:08:00 | 03:08:21 | 03:08:23 |
| 410 | SAMS31 | WMKK | 150330 | RRA | 03:46:05 | 03:46:10 | 03:46:11 |
| 411 | SAMS31 | WMKK | 150330 | | 03:38:03 | 03:38:17 | 03:38:18 |
| 412 | SAMS31 | WMKK | 150330 | | 03:38:01 | 03:38:14 | 03:38:16 |
| 413 | SAMS31 | WMKK | 150400 | RRA | 04:14:08 | 04:14:26 | 04:14:28 |
| 414 | SAMS31 | WMKK | 150400 | | 04:08:09 | 04:08:25 | 04:08:26 |
| 415 | SAMS31 | WMKK | 150400 | | 04:08:01 | 04:08:23 | 04:08:24 |
| 416 | SAMS31 | WMKK | 150430 | RRA | 04:48:03 | 04:48:22 | 04:48:23 |
| 417 | SAMS31 | WMKK | 150430 | | 04:38:08 | 04:38:15 | 04:38:17 |
| 418 | SAMS31 | WMKK | 150430 | | 04:38:01 | 04:38:13 | 04:38:15 |
| 419 | SAMS31 | WMKK | 150500 | RRA | 05:16:08 | 05:16:13 | 05:16:14 |
| 420 | SAMS31 | WMKK | 150500 | | 05:08:13 | 05:08:19 | 05:08:21 |
| 421 | SAMS31 | WMKK | 150500 | | 05:08:00 | 05:08:17 | 05:08:19 |
| 422 | SAMS31 | WMKK | 150530 | RRB | 05:56:03 | 05:56:15 | 05:56:17 |
| 423 | SAMS31 | WMKK | 150530 | RRA | 05:44:01 | 05:44:14 | 05:44:15 |
| 424 | SAMS31 | WMKK | 150530 | RRA | 05:42:01 | 05:42:23 | 05:42:25 |
| 425 | SAMS31 | WMKK | 150530 | | 05:38:06 | 05:38:26 | 05:38:27 |
| 426 | SAMS31 | WMKK | 150530 | | 05:38:00 | 05:38:23 | 05:38:25 |
| 427 | SAMS31 | WMKK | 150600 | RRA | 06:18:07 | 06:18:15 | 06:18:16 |
| 428 | SAMS31 | WMKK | 150600 | | 06:08:13 | 06:08:20 | 06:08:22 |
| 429 | SAMS31 | WMKK | 150600 | | 06:08:01 | 06:08:18 | 06:08:19 |
| 430 | SAMS31 | WMKK | 150630 | RRA | 06:46:05 | 06:46:19 | 06:46:21 |
| 431 | SAMS31 | WMKK | 150630 | | 06:38:06 | 06:38:18 | 06:38:19 |
| 432 | SAMS31 | WMKK | 150630 | | 06:38:00 | 06:38:15 | 06:38:17 |
| 433 | SAMS31 | WMKK | 150700 | RRA | 07:14:10 | 07:14:12 | 07:14:18 |
| 434 | SAMS31 | WMKK | 150700 | | 07:08:11 | 07:08:12 | 07:08:13 |
| 435 | SAMS31 | WMKK | 150700 | | 07:08:00 | 07:08:10 | 07:08:11 |
| 436 | SAMS31 | WMKK | 150730 | RRA | 07:48:05 | 07:48:09 | 07:48:11 |
| 437 | SAMS31 | WMKK | 150730 | | 07:38:05 | 07:38:14 | 07:38:16 |
| 438 | SAMS31 | WMKK | 150730 | | 07:38:00 | 07:38:11 | 07:38:13 |
| 439 | SAMS38 | WMKK | 150200 | RRA | 02:16:12 | 02:16:30 | 02:16:32 |
| 440 | SAMS38 | WMKK | 150200 | | 02:08:00 | 02:08:31 | 02:08:32 |
| 441 | SAMS38 | WMKK | 150300 | RRA | 03:18:12 | 03:18:17 | 03:18:18 |
| 442 | SAMS38 | WMKK | 150300 | | 03:08:00 | 03:08:30 | 03:08:32 |
| 443 | SAMS38 | WMKK | 150400 | RRB | 04:30:06 | 04:30:23 | 04:30:24 |
| 444 | SAMS38 | WMKK | 150400 | RRA | 04:22:01 | 04:22:22 | 04:22:24 |
| 445 | SAMS38 | WMKK | 150400 | RRA | 04:14:09 | 04:14:28 | 04:14:29 |
| 446 | SAMS38 | WMKK | 150400 | | 04:08:01 | 04:08:29 | 04:08:31 |
| 447 | SAMS38 | WMKK | 150500 | RRB | 05:32:06 | 05:32:23 | 05:32:25 |
| 448 | SAMS38 | WMKK | 150500 | RRA | 05:28:00 | 05:28:23 | 05:28:24 |
| 449 | SAMS38 | WMKK | 150500 | RRA | 05:16:08 | 05:16:16 | 05:16:18 |
| 450 | SAMS38 | WMKK | 150500 | | 05:08:00 | 05:08:24 | 05:08:25 |
| 451 | SAMS38 | WMKK | 150600 | CCA | 07:06:00 | 07:06:12 | 07:06:13 |
| 452 | SAMS38 | WMKK | 150600 | RRA | 06:18:08 | 06:18:18 | 06:18:20 |
| 453 | SAMS38 | WMKK | 150600 | | 06:08:01 | 06:08:25 | 06:08:26 |
| 454 | SAMS38 | WMKK | 150700 | RRA | 07:14:12 | 07:14:18 | 07:14:20 |
| 455 | SAMS38 | WMKK | 150700 | | 07:08:00 | 07:08:27 | 07:08:28 |
| 456 | SANG31 | YBBN | 150200 | RRA | 02:15:01 | 02:15:17 | 02:15:18 |
| 457 | SANG31 | YBBN | 150200 | | 02:05:03 | 02:05:32 | 02:05:33 |
| 458 | SANG31 | YBBN | 150300 | RRA | 03:15:06 | 03:15:22 | 03:15:23 |

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|-----|--------|------|--------|-----|----------|----------|----------|
| 459 | SANG31 | YBBN | 150300 | | 03:05:07 | 03:05:41 | 03:05:43 |
| 460 | SANG31 | YBBN | 150400 | RRA | 04:15:03 | 04:15:21 | 04:15:22 |
| 461 | SANG31 | YBBN | 150400 | | 04:05:03 | 04:05:37 | 04:05:39 |
| 462 | SANG31 | YBBN | 150500 | | 05:06:08 | 05:05:55 | 05:05:57 |
| 463 | SANG31 | YBBN | 150600 | | 06:05:05 | 06:05:33 | 06:05:35 |
| 464 | SANG31 | YBBN | 150700 | RRA | 07:15:05 | 07:15:19 | 07:15:20 |
| 465 | SANG31 | YBBN | 150700 | | 07:05:06 | 07:05:32 | 07:05:34 |
| 466 | SANZ31 | NZKL | 150200 | | 02:07:04 | 02:07:10 | 02:07:11 |
| 467 | SANZ31 | NZKL | 150230 | | 02:37:04 | 02:37:18 | 02:37:19 |
| 468 | SANZ31 | NZKL | 150300 | | 03:07:02 | 03:07:11 | 03:07:13 |
| 469 | SANZ31 | NZKL | 150330 | | 03:37:56 | 03:38:11 | 03:38:13 |
| 470 | SANZ31 | NZKL | 150400 | | 04:07:04 | 04:07:17 | 04:07:19 |
| 471 | SANZ31 | NZKL | 150430 | | 04:37:37 | 04:37:51 | 04:37:53 |
| 472 | SANZ31 | NZKL | 150500 | | 05:07:04 | 05:07:20 | 05:07:22 |
| 473 | SANZ31 | NZKL | 150530 | | 05:37:38 | 05:37:53 | 05:37:55 |
| 474 | SANZ31 | NZKL | 150600 | | 06:07:04 | 06:07:27 | 06:07:28 |
| 475 | SANZ31 | NZKL | 150630 | | 06:37:07 | 06:37:28 | 06:37:30 |
| 476 | SANZ31 | NZKL | 150700 | | 07:07:02 | 07:07:09 | 07:07:11 |
| 477 | SANZ31 | NZKL | 150730 | | 07:37:45 | 07:37:48 | 07:37:50 |
| 478 | SANZ32 | NZKL | 150200 | | 02:07:04 | 02:07:08 | 02:07:09 |
| 479 | SANZ32 | NZKL | 150230 | | 02:37:05 | 02:37:19 | 02:37:21 |
| 480 | SANZ32 | NZKL | 150300 | | 03:07:02 | 03:07:09 | 03:07:11 |
| 481 | SANZ32 | NZKL | 150330 | | 03:37:56 | 03:38:10 | 03:38:11 |
| 482 | SANZ32 | NZKL | 150400 | | 04:07:04 | 04:07:15 | 04:07:17 |
| 483 | SANZ32 | NZKL | 150430 | | 04:37:38 | 04:37:56 | 04:37:57 |
| 484 | SANZ32 | NZKL | 150500 | | 05:07:04 | 05:07:19 | 05:07:20 |
| 485 | SANZ32 | NZKL | 150530 | | 05:37:38 | 05:37:55 | 05:37:57 |
| 486 | SANZ32 | NZKL | 150600 | | 06:07:04 | 06:07:25 | 06:07:27 |
| 487 | SANZ32 | NZKL | 150630 | | 06:37:07 | 06:37:27 | 06:37:28 |
| 488 | SANZ32 | NZKL | 150700 | | 07:07:02 | 07:07:08 | 07:07:09 |
| 489 | SANZ32 | NZKL | 150730 | | 07:37:46 | 07:37:50 | 07:37:51 |
| 490 | SAPK31 | OPKC | 150200 | RRA | 02:04:36 | 02:04:56 | 02:04:58 |
| 491 | SAPK31 | OPKC | 150200 | | 02:01:29 | 02:01:57 | 02:01:58 |
| 492 | SAPK31 | OPKC | 150230 | | 02:31:22 | 02:31:30 | 02:31:32 |
| 493 | SAPK31 | OPKC | 150300 | | 03:01:18 | 03:01:50 | 03:01:52 |
| 494 | SAPK31 | OPKC | 150330 | | 03:31:22 | 03:31:39 | 03:31:41 |
| 495 | SAPK31 | OPKC | 150400 | RRA | 04:01:56 | 04:02:10 | 04:02:12 |
| 496 | SAPK31 | OPKC | 150400 | | 04:01:29 | 04:01:51 | 04:01:53 |
| 497 | SAPK31 | OPKC | 150430 | | 04:31:24 | 04:32:41 | 04:32:43 |
| 498 | SAPK31 | OPKC | 150500 | RRA | 05:03:43 | 05:04:01 | 05:04:03 |
| 499 | SAPK31 | OPKC | 150500 | | 05:01:19 | 05:02:22 | 05:02:24 |
| 500 | SAPK31 | OPKC | 150530 | | 05:31:33 | 05:31:36 | 05:31:38 |
| 501 | SAPK31 | OPKC | 150600 | RRA | 06:04:41 | 06:04:54 | 06:04:56 |
| 502 | SAPK31 | OPKC | 150600 | | 06:01:23 | 06:01:39 | 06:01:41 |
| 503 | SAPK31 | OPKC | 150630 | | 06:31:17 | 06:31:35 | 06:31:37 |
| 504 | SAPK31 | OPKC | 150700 | | 07:01:33 | 07:03:28 | 07:03:30 |
| 505 | SAPK31 | OPKC | 150730 | | 07:31:21 | 07:31:29 | 07:31:31 |
| 506 | SAPS31 | NFFN | 150200 | | 02:15:10 | 02:15:26 | 02:15:27 |
| 507 | SAPS31 | NFFN | 150300 | | 03:12:41 | 03:12:59 | 03:13:01 |
| 508 | SAPS31 | NFFN | 150400 | | 04:06:22 | 04:06:40 | 04:06:42 |
| 509 | SAPS31 | NFFN | 150500 | | 05:11:33 | 05:11:53 | 05:11:54 |
| 510 | SAPS31 | NFFN | 150600 | | 06:15:09 | 06:15:27 | 06:15:29 |
| 511 | SAPS31 | NFFN | 150700 | | 07:15:10 | 07:15:30 | 07:15:32 |
| 512 | SAPS32 | NFFN | 150200 | | 02:02:54 | 02:03:07 | 02:03:08 |
| 513 | SAPS32 | NFFN | 150300 | | 03:03:45 | 03:04:00 | 03:04:01 |
| 514 | SAPS32 | NFFN | 150400 | | 04:03:46 | 04:04:00 | 04:04:02 |
| 515 | SAPS32 | NFFN | 150500 | | 05:03:27 | 05:03:47 | 05:03:49 |
| 516 | SAPS32 | NFFN | 150600 | | 06:03:14 | 06:03:32 | 06:03:34 |
| 517 | SAPS32 | NFFN | 150700 | | 07:03:34 | 07:03:45 | 07:03:47 |

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|-----|--------|------|--------|-----|----------|----------|----------|
| 518 | SAPS33 | NFFN | 150200 | | 02:02:34 | 02:02:37 | 02:02:38 |
| 519 | SAPS33 | NFFN | 150300 | | 03:02:20 | 03:02:38 | 03:02:40 |
| 520 | SAPS33 | NFFN | 150400 | | 04:03:22 | 04:03:48 | 04:03:49 |
| 521 | SAPS33 | NFFN | 150500 | | 05:02:23 | 05:02:42 | 05:02:44 |
| 522 | SAPS33 | NFFN | 150600 | | 06:02:14 | 06:02:28 | 06:02:30 |
| 523 | SAPS33 | NFFN | 150700 | | 07:02:24 | 07:02:36 | 07:02:38 |
| 524 | SASB31 | VCCC | 150210 | | 02:20:04 | 02:20:19 | 02:20:20 |
| 525 | SASB31 | VCCC | 150310 | | 03:20:47 | 03:20:51 | 03:20:53 |
| 526 | SASB31 | VCCC | 150410 | | 04:20:33 | 04:20:51 | 04:20:52 |
| 527 | SASB31 | VCCC | 150510 | RRA | 06:05:53 | 06:05:56 | 06:05:58 |
| 528 | SASB31 | VCCC | 150510 | | 05:20:17 | 05:20:46 | 05:20:48 |
| 529 | SASB31 | VCCC | 150610 | | 06:20:03 | 06:20:06 | 06:20:08 |
| 530 | SASB31 | VCCC | 150710 | | 07:20:49 | 07:21:07 | 07:21:08 |
| 531 | SASD31 | OEJD | 150200 | RRA | 02:05:05 | 02:05:38 | 02:05:39 |
| 532 | SASD31 | OEJD | 150200 | | 02:00:10 | 02:00:29 | 02:00:30 |
| 533 | SASD31 | OEJD | 150300 | | 03:00:07 | 03:00:18 | 03:00:20 |
| 534 | SASD31 | OEJD | 150400 | RRB | 04:10:48 | 04:10:52 | 04:10:53 |
| 535 | SASD31 | OEJD | 150400 | RRA | 04:08:03 | - | - |
| 536 | SASD31 | OEJD | 150400 | | 04:02:33 | - | - |
| 537 | SASD31 | OEJD | 150500 | RRA | 05:10:06 | 05:10:23 | 05:10:24 |
| 538 | SASD31 | OEJD | 150500 | | 05:03:25 | 05:03:38 | 05:03:39 |
| 539 | SASD31 | OEJD | 150600 | | 06:00:20 | 06:00:28 | 06:00:29 |
| 540 | SASD31 | OEJD | 150700 | | 07:05:32 | 07:05:52 | 07:05:53 |
| 541 | SATH31 | VTBB | 150200 | | 02:05:27 | - | 02:05:15 |
| 542 | SATH31 | VTBB | 150300 | | 03:05:23 | - | 03:05:14 |
| 543 | SATH31 | VTBB | 150400 | | 04:05:15 | - | 04:05:08 |
| 544 | SATH31 | VTBB | 150500 | | 05:05:21 | - | 05:05:14 |
| 545 | SATH31 | VTBB | 150600 | | 06:05:14 | - | 06:05:08 |
| 546 | SATH31 | VTBB | 150700 | | 07:05:22 | - | 07:05:13 |
| 547 | SATH32 | VTBB | 150200 | | 02:05:31 | - | 02:05:17 |
| 548 | SATH32 | VTBB | 150300 | RRA | 03:10:52 | - | 03:10:51 |
| 549 | SATH32 | VTBB | 150300 | | 03:05:27 | - | 03:05:17 |
| 550 | SATH32 | VTBB | 150400 | | 04:05:19 | - | 04:05:10 |
| 551 | SATH32 | VTBB | 150500 | | 05:05:25 | - | 05:05:16 |
| 552 | SATH32 | VTBB | 150600 | | 06:05:18 | - | 06:05:11 |
| 553 | SATH32 | VTBB | 150700 | | 07:05:27 | - | 07:05:16 |
| 554 | SATH33 | VTBB | 150200 | | 02:05:36 | - | 02:05:20 |
| 555 | SATH33 | VTBB | 150300 | | 03:05:30 | - | 03:05:19 |
| 556 | SATH33 | VTBB | 150400 | | 04:05:23 | - | 04:05:13 |
| 557 | SATH33 | VTBB | 150500 | | 05:05:31 | - | 05:05:19 |
| 558 | SATH33 | VTBB | 150600 | | 06:05:22 | - | 06:05:14 |
| 559 | SATH33 | VTBB | 150700 | | 07:05:31 | - | 07:05:18 |

Remark Highlight  = Messages not reached at Bangkok RODB

 = High Transit Time

TAF Bulletins

| | TTAAii | CCCC | YYGGgg | BBB | Recorded by WSSS RODB RX Time UTC (hh:mm) | Recorded by VTBB RODB RX Time UTC (hh:mm) | Recorded by VTBB RODB TX Time UTC (hh:mm) |
|----|--------|------|--------|-----|--|--|--|
| 1 | FTAE31 | VTBB | 150500 | | 05:35:06 | - | 05:35:02 |
| 2 | FTAE32 | VTBB | 150500 | | 05:35:14 | - | 05:35:05 |
| 3 | FTAE33 | VTBB | 150500 | | 05:35:22 | - | 05:35:08 |
| 4 | FTAE34 | VTBB | 150500 | | 05:35:31 | - | 05:35:10 |
| 5 | FTAU31 | YBBN | 150200 | RRA | 02:45:03 | 02:45:08 | 02:45:10 |
| 6 | FTAU31 | YBBN | 150200 | | 02:35:06 | 02:35:35 | 02:35:37 |
| 7 | FTAU31 | YBBN | 150400 | | 04:54:02 | 04:54:22 | 04:54:26 |
| 8 | FTAU31 | YBBN | 150500 | | 05:35:06 | 05:35:41 | 05:35:43 |
| 9 | FTAU31 | YBBN | 150500 | | 05:05:08 | 05:06:01 | 05:06:02 |
| 10 | FTAU31 | YBBN | 150600 | | 06:16:45 | 06:17:05 | 06:17:06 |
| 11 | FTAU31 | YBBN | 150700 | | 07:35:45 | 07:35:48 | 07:35:49 |
| 12 | FTAU32 | YBBN | 150200 | | 02:47:58 | 02:48:18 | 02:48:20 |
| 13 | FTAU32 | YBBN | 150400 | | 04:09:39 | 04:09:51 | 04:09:52 |
| 14 | FTAU32 | YBBN | 150500 | | 05:58:21 | 05:58:34 | 05:58:36 |
| 15 | FTAU32 | YBBN | 150500 | RRA | 05:45:05 | 05:45:24 | 05:45:25 |
| 16 | FTAU32 | YBBN | 150500 | RRA | 05:35:02 | 05:35:19 | 05:35:21 |
| 17 | FTAU32 | YBBN | 150500 | | 05:35:02 | 05:35:17 | 05:35:19 |
| 18 | FTAU32 | YBBN | 150500 | | 05:05:23 | 05:06:22 | 05:06:24 |
| 19 | FTAU32 | YBBN | 150700 | | 07:23:09 | 07:23:27 | 07:23:29 |
| 20 | FTAU33 | YBBN | 150500 | | 05:48:12 | 05:48:24 | 05:48:25 |
| 21 | FTAU33 | YBBN | 150500 | | 05:35:01 | 05:35:14 | 05:35:16 |
| 22 | FTAU33 | YBBN | 150500 | | 05:29:37 | 05:29:53 | 05:29:55 |
| 23 | FTAU33 | YBBN | 150500 | | 05:03:23 | 05:03:42 | 05:03:43 |
| 24 | FTAU34 | YBBN | 150500 | | 05:00:01 | 05:00:12 | 05:00:14 |
| 25 | FTAU35 | YBBN | 150700 | | 07:00:01 | 07:00:16 | 07:00:18 |
| 26 | FTAU36 | YBBN | 150200 | | 02:55:42 | 02:55:58 | 02:56:00 |
| 27 | FTAU36 | YBBN | 150200 | | 02:35:05 | 02:35:31 | 02:35:33 |
| 28 | FTAU36 | YBBN | 150500 | RRA | 05:35:05 | 05:35:37 | 05:35:39 |
| 29 | FTAU36 | YBBN | 150500 | | 05:35:05 | 05:35:35 | 05:35:36 |
| 30 | FTAU36 | YBBN | 150600 | | 06:30:48 | 06:30:58 | 06:30:59 |
| 31 | FTAU36 | YBBN | 150600 | | 06:10:11 | 06:10:21 | 06:10:22 |
| 32 | FTAU36 | YBBN | 150600 | | 06:05:02 | 06:05:20 | 06:05:22 |
| 33 | FTAU36 | YBBN | 150700 | | 07:45:55 | 07:46:08 | 07:46:09 |
| 34 | FTBN31 | OBBI | 150500 | | 04:20:41 | 04:20:04 | 05:00:55 |
| 35 | FTCI31 | ZBBB | 150400 | | 04:00:19 | 04:00:24 | 04:00:25 |
| 36 | FTCI32 | ZBBB | 150323 | AAA | 03:23:28 | 03:25:19 | 03:25:21 |
| 37 | FTCI32 | ZBBB | 150400 | | 04:00:27 | 04:01:44 | 04:01:46 |
| 38 | FTCI32 | ZBBB | 150434 | RRA | 04:34:58 | 04:36:17 | 04:36:18 |
| 39 | FTCI32 | ZBBB | 150437 | RRB | 04:37:54 | 04:38:11 | 04:38:13 |
| 40 | FTCI41 | ZBBB | 150400 | | 04:00:54 | 04:01:47 | 04:01:48 |
| 41 | FTCI41 | ZBBB | 150409 | AAB | 04:10:03 | 04:10:12 | 04:10:14 |
| 42 | FTHK31 | VHHH | 150500 | RRA | 05:20:15 | 05:20:44 | 05:20:46 |
| 43 | FTHK31 | VHHH | 150500 | | 05:20:14 | 05:20:41 | 05:20:43 |
| 44 | FTIN31 | VABB | 150500 | RRB | 06:41:33 | 06:41:47 | 06:41:49 |
| 45 | FTIN31 | VABB | 150500 | RRB | 06:41:30 | 06:41:46 | 06:41:47 |
| 46 | FTIN31 | VABB | 150500 | RRA | 06:18:13 | 06:20:04 | 06:20:06 |
| 47 | FTIN31 | VABB | 150500 | RRA | 06:18:11 | 06:20:02 | 06:20:04 |
| 48 | FTIN31 | VABB | 150500 | RRB | 06:18:09 | 06:19:49 | 06:19:51 |
| 49 | FTIN31 | VABB | 150500 | RRB | 06:18:08 | 06:19:47 | 06:19:49 |
| 50 | FTIN31 | VABB | 150500 | RRA | 06:18:09 | 06:19:45 | 06:19:47 |

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|----|--------|------|--------|-----|----------|----------|----------|
| 51 | FTIN31 | VABB | 150500 | RRA | 06:18:08 | 06:19:43 | 06:19:44 |
| 52 | FTIN32 | VABB | 150500 | RRA | 06:18:10 | 06:24:21 | 06:24:26 |
| 53 | FTIN32 | VABB | 150500 | RRA | 06:18:10 | 06:24:11 | 06:24:13 |
| 54 | FTIN32 | VABB | 150500 | RRB | 06:18:11 | 06:19:54 | 06:19:55 |
| 55 | FTIN32 | VABB | 150500 | RRB | 06:18:10 | 06:19:51 | 06:19:53 |
| 56 | FTIR31 | OIII | 150500 | RRA | 06:08:11 | 06:08:32 | 06:08:34 |
| 57 | FTIR31 | OIII | 150500 | RRA | 05:58:31 | 05:58:36 | 05:58:37 |
| 58 | FTIR32 | OIII | 150500 | RRA | 06:08:10 | 06:08:28 | 06:08:30 |
| 59 | FTIR32 | OIII | 150500 | RRA | 05:59:20 | 05:59:34 | 05:59:35 |
| 60 | FTIR33 | OIII | 150500 | RRA | 06:08:09 | 06:08:27 | 06:08:28 |
| 61 | FTIR33 | OIII | 150500 | RRA | 05:59:20 | 05:59:37 | 05:59:38 |
| 62 | FTIR34 | OIII | 150500 | RRA | 05:59:20 | 05:59:36 | 05:59:37 |
| 63 | FTJP31 | RJTD | 150500 | | 05:27:33 | 05:27:53 | 05:27:55 |
| 64 | FTJP32 | RJTD | 142300 | AAB | 02:04:56 | 02:05:17 | 02:05:18 |
| 65 | FTJP32 | RJTD | 150500 | RRA | 05:27:36 | 05:27:57 | 05:27:59 |
| 66 | FTJP32 | RJTD | 150500 | | 05:27:34 | 05:27:55 | 05:27:57 |
| 67 | FTJP38 | RJTD | 142300 | AAC | 04:11:23 | 04:11:32 | 04:11:33 |
| 68 | FTJP38 | RJTD | 142300 | AAB | 04:07:04 | 04:07:14 | 04:07:15 |
| 69 | FTJP38 | RJTD | 142300 | AAA | 02:50:22 | 02:50:31 | 02:50:32 |
| 70 | FTJP38 | RJTD | 150500 | RRB | 05:27:38 | 05:28:03 | 05:28:05 |
| 71 | FTJP38 | RJTD | 150500 | RRA | 05:27:38 | 05:28:01 | 05:28:03 |
| 72 | FTJP38 | RJTD | 150500 | | 05:27:37 | 05:27:59 | 05:28:01 |
| 73 | FTKO31 | RKSI | 150340 | AAA | 03:38:34 | 03:38:50 | 03:38:51 |
| 74 | FTKO31 | RKSI | 150500 | RRC | 05:43:06 | 05:43:23 | 05:43:25 |
| 75 | FTKO31 | RKSI | 150500 | RRB | 05:06:54 | 05:07:15 | 05:07:16 |
| 76 | FTKO31 | RKSI | 150500 | RRA | 05:06:44 | 05:07:02 | 05:07:04 |
| 77 | FTKO31 | RKSI | 150500 | | 05:05:37 | 05:06:25 | 05:06:27 |
| 78 | FTNG31 | YBBN | 150500 | RRA | 05:05:05 | 05:05:24 | 05:05:26 |
| 79 | FTNZ31 | NZKL | 150500 | | 05:11:39 | 05:11:58 | 05:12:00 |
| 80 | FTNZ31 | NZKL | 150510 | AAA | 05:10:35 | 05:10:46 | 05:10:48 |
| 81 | FTNZ31 | NZKL | 150511 | | 05:11:44 | 05:12:05 | 05:12:07 |
| 82 | FTPK31 | OPKC | 142200 | RRB | 03:24:51 | 03:25:21 | 03:25:23 |
| 83 | FTPK31 | OPKC | 150400 | | 04:00:30 | 04:01:00 | 05:05:39 |
| 84 | FTPK31 | OPKC | 150400 | RRA | 04:34:26 | 04:35:01 | 04:35:03 |
| 85 | FTPK31 | OPKC | 150640 | RRB | 06:37:28 | 06:41:10 | 06:41:12 |
| 86 | FTPS31 | NFFN | 150500 | | 05:45:08 | 05:45:26 | 05:45:28 |
| 87 | FTPS32 | NFFN | 150500 | | 05:34:33 | 05:34:53 | 05:34:55 |
| 88 | FTPS33 | NFFN | 150500 | | 05:06:23 | 05:06:42 | 05:06:44 |
| 89 | FTSD31 | OEJD | 150500 | | 05:30:18 | 05:30:23 | 05:30:25 |
| 90 | FTRS31 | WSSS | 150500 | | 05:08:41 | 05:09:02 | 05:09:04 |
| 91 | FTRS32 | WSSS | 150500 | | 05:11:36 | 05:12:03 | 05:12:05 |
| 92 | FTRS33 | WSSS | 150500 | | 05:13:49 | 05:14:13 | 05:14:14 |
| 93 | FTTH31 | VTBB | 150500 | | 05:35:39 | - | 05:35:13 |
| 94 | FTTH32 | VTBB | 150500 | | 05:35:46 | - | 05:35:16 |
| 95 | FTTH33 | VTBB | 150500 | | 05:35:52 | - | 05:35:19 |
| 96 | FTTM31 | YBBN | 150500 | | 05:35:03 | - | 05:35:23 |

Remark Highlight = Messages not reached at Bangkok RODB

= High Transit Time
