



*International Civil Aviation Organization*

**MIDANPIRG Air Traffic Management Sub-Group**

**Eleventh Meeting (ATM SG/11)**  
**(Abu Dhabi, UAE, 19 – 23 October 2025)**

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**Agenda Item 4: MID ATS Messaging Management Centre Matters including AMHS-AMC and SWIM infrastructure**

**OPERATIONAL INPUTS TO AIDC-OLDI APPLICABILITY AREA**

*(Presented by the Secretariat)*

**SUMMARY**

This paper proposed applicability area regarding implementation of AIDC/OLDI (FF-ICE B/01) in the MID Region based on operational demand.

Action by the meeting is at paragraph 3.

**REFERENCES**

- ANSIG/3 Meeting (Cairo, Egypt, 2 – 4 July 2018)
- ATM SG/10 Meeting Report (Jeddah, Saudi Arabia, 20 – 23 October 2024)
- MID Air Navigation Strategy Plan (ICAO MID Doc 002)
- MIDANPIRG/21 & RASG-MID/11 Meeting Report (Abu Dhabi, UAE, 4 – 8 March 2024)
- RANP/NANP TF/1 Meeting (Cairo, Egypt, 19 – 22 February 2024)

**1. INTRODUCTION**

1.1 The MIDRMA Board/14 meeting noted that most of the LHDs were related to coordination failures between adjacent ACCs. Accordingly, States were encouraged to implement AIDC/OLDI, which would significantly improve the coordination process and would reduce the amount of coordination failures, thus enhancing safety.

1.2 The MIDRMA Board/15 meeting noted with concern the high level of LHDs reports at the interface between Iraq and Kuwait as well as Muscat with Mumbai and Karachi. The meeting noted that a Safety Protocol has been opened for the case of Muscat/Mumbai and that the MIDRMA and ICAO MID Office are in close coordination with concerned States, MAAR and ICAO APAC Office to resolve the issue. The meeting agreed that a Special Coordination Meeting between Iran, India, Oman and Pakistan with the presence of MAAR, MIDRMA and ICAO APAC and MID Regional Offices, to be held, as soon as possible, to agree on clear action plan to mitigate the risk associated with the high level of coordination failures at the interfaces between the above-mentioned States.

1.3 The ATM SG/3 meeting encouraged States to use the guidance provided in the MID Doc 006 available on the ICAO MID Website. The meeting also encouraged States to conduct bilateral AIDC/OLDI Workshops, as per the guidance in MID Doc 006, in order to expedite the implementation, including the signature of revised LoA.

1.4 The ATM SG/4 meeting requested ICAO MID Office to circulate the AIDC/OLDI Questionnaire related to AIDC/OLDI to the ATM points of contact. The meeting also noted that the implementation of AIDC/OLDI would improve significantly the coordination process and would reduce the amount of coordination failures between ACCs, which has been identified as a major long-standing issue by the MIDRMA Board. Consequently, the implementation of AIDC/OLDI would enhance safety and reduce ATC workload. accordingly, the meeting discussed the Secretariat's proposal to mandate the implementation of AIDC/OLDI through the inclusion of the requirement in the MID ANP Volume II Part IV-ATM under Specific Regional Requirements, based on a phased approach taking into consideration the situation in some States (Applicability area should be defined).

1.5 Accordingly, the Third Meeting of the Air Navigation Systems Implementation Group (ANSIG/3) was agreed in applicability area.

1.6 The ATM SG/8 meeting noted the CNS SG/11 meeting (Muscat, Oman, 16-19 May 2022) outcomes related to AIDC/OLDI implementation and urged States to implement AIDC/OLDI as per the applicability area. The meeting also noted that implementation of AIDC/OLDI capability priority 1 is one of the requirements of the MID States in the MID ANP Volume II, therefor the States did not establish AIDC/OLDI connection should be subject to deficiency in MANDDD.

1.7 The MIDANPIRG/20 meeting recalled that the MSG/6 meeting agreed, through Conclusion 6/16, to include a requirement for AIDC/OLDI implementation (priority 1 interconnections) in the MID eANP Volume II Part IV-ATM, under Specific Regional Requirements. It was highlighted that the lack of implementation of priority 1 interconnection will result additional ANS deficiency to the MID Air Navigation Deficiency Database (MANDDD). Therefore, it was agreed that deficiencies related to the lack of implementation of Priority 1 AIDC/OLDI connections will be added by December 2023.

## 2. DISCUSSION

2.1 The meeting may wish to recall that based on the Secretariat proposal for indicators and metrics to determine the applicability area of FF-ICE/01 (AIDC/OLDI), the ATM SG/10 meeting agreed the following criteria must be considered to identify MID Priority 1 AIDC/OLDI implementation:

- a) if the traffic exchange rate between two adjacent ACCs has exceeded 30 flights per hour; or
- b) if two consecutive FIRs implemented longitudinal separation 10 NM or less at common FIR boundary point(s); or
- c) if two adjacent FIRs implemented cross border Free Route Airspace (FRA); or
- d) if the number of LHD recorded by MIDRMA related to adjacent ACCs has exceeded 10 reports per month and it lasts for more than 6 months; or
- e) if traffic movement at the common FIR boundary significantly increased during contingency situations; or
- f) where decided by both concerned States.

2.2 Based on the above, the ATM SG/10 meeting assigned ICAO MID the task of drafting the necessary proposal to amend this table for review by ASM WG/3 prior to its presentation at ATM SG/11 meeting. In this process, ICAO MID has developed the required Draft in **Appendix A** and additional supporting document in **Appendix B** for ASM WG/3's review; however, due to certain arrangements, this meeting has already been postponed to a new date following ATM SG/11 meeting.

2.3 Based on the above and to avoid further delay, the ICAO MID Office proposes that ATM SG/11 meeting grants the necessary authorization to ASM WG/3 to complete the draft outlined

in **Appendix A** before presenting the Draft PfA to MIDANPIRG/23. Accordingly, the meeting may wish to agree on the following draft conclusion.

***DRAFT CONCLUSION 11/X:      PROPOSAL FOR AMENDMENT TO THE MID  
eANP VOLUME II, FF-ICE B0/1 (AIDC/OLDI)  
APPLICABILITY AREA***

*That, the ICAO MID Office follows the process of the required Proposal for Amendment (PfA) to revise AIDC/OLDI applicability area priority 1 in ANP Volume II.*

**3. ACTION BY THE MEETING**

3.1            The meeting is invited to:

- a) grant authorization to ASM WG/3 to review and finalize MID priority 1 AIDC/OLDI Table in **Appendix A** and present draft table to MIDANPIRG/23 meeting; and
- b) agree on draft Conclusion in para 2.3.

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## ANP Volume II, MID Region AIDC/OLDI Applicability Area

(Priority 1 and 2 for Implementation)

| ACC      | Adjacent ACCs   |              |              |               |              |               |              |              |             |            |            |             |  |
|----------|-----------------|--------------|--------------|---------------|--------------|---------------|--------------|--------------|-------------|------------|------------|-------------|--|
| Amman    | Baghdad (2)     | Cairo (1)    | Damascus (2) | Jeddah (1)    | Riyadh (1)   | Tel Aviv (2)  |              |              |             |            |            |             |  |
| Baghdad  | Amman (2)       | Ankara (1)   | Damascus (2) | Jeddah (2)    | Kuwait (1)   | Riyadh (2)    | Tehran (2)   |              |             |            |            |             |  |
| Bahrain  | Doha (1)        | Emirates (1) | Jeddah (1)   | Kuwait (1)    | Riyadh (1)   | Tehran (1)    |              |              |             |            |            |             |  |
| Beirut   | Damascus (2)    | Tel Aviv (2) | Nicosia (2)  |               |              |               |              |              |             |            |            |             |  |
| Cairo    | Amman (1)       | Athens (1)   | Jeddah (1)   | Khartoum (2)  | Nicosia (1)  | Tel Aviv (2)  | Tripoli (2)  |              |             |            |            |             |  |
| Damascus | Amman (2)       | Ankara (2)   | Baghdad (2)  | Beirut (2)    | Nicosia (2)  | Tel Aviv (2)  |              |              |             |            |            |             |  |
| Doha     | Bahrain (1)     | Emirates (1) | Jeddah (1)   | Riyadh (1)    | Tehran (1)   |               |              |              |             |            |            |             |  |
| Emiratis | Bahrain (1)     | Doha (1)     | Jeddah (1)   | Muscat (1)    | Riyadh (1)   | Tehran (1)    |              |              |             |            |            |             |  |
| Jeddah   | Amman (1)       | Asmara (2)   | Baghdad (2)  | Bahrain (1)   | Cairo (1)    | Doha (1)      | Emirates (1) | Khartoum (2) | Kuwait (1)  | Muscat (1) | Riyadh (1) | Sana'a (2)  |  |
| Riyadh   | Amman (1)       | Baghdad (2)  | Bahrain (1)  | Doha (1)      | Emirates (1) | Kuwait (1)    | Jeddah (1)   | Muscat (1)   | Sana'a (2)  |            |            |             |  |
| Khartoum | Addis (2)       | Asmara (2)   | Cairo (2)    | Jeddah (2)    | Juba (2)     | N'Djamena (2) | Tripoli (2)  |              |             |            |            |             |  |
| Kuwait   | Baghdad (1)     | Bahrain (1)  | Jeddah (1)   | Riyadh (1)    | Tehran (2)   |               |              |              |             |            |            |             |  |
| Muscat   | Emirates (1)    | Jeddah (1)   | Karachi (1)  | Mumbai (1)    | Riyadh (1)   | Sana'a (2)    | Tehran (1)   |              |             |            |            |             |  |
| Sana'a   | Addis Ababa (2) | Asmara (2)   | Jeddah (2)   | Mogadishu (2) | Mumbai (2)   | Muscat (2)    | Riyadh (2)   |              |             |            |            |             |  |
| Tehran   | Ankara (1)      | Ashgabat (2) | Baghdad (2)  | Bahrain (1)   | Baku (2)     | Doha (1)      | Emirates (1) | Kabul (2)    | Karachi (1) | Kuwait (2) | Muscat (1) | Yerevan (2) |  |
| Tripoli  | Algiers (2)     | Athens (2)   | Cairo (2)    | Khartoum (2)  | Malta (2)    | N'Djamena (2) | Niamey (2)   | Tunis (2)    |             |            |            |             |  |

(1) = Priority 1 for implementation based on the following criteria)

(2) = Priority 2 for implementation based on the following criteria)

To determine MID Priority 1 AIDC/OLDI, the subsequent criteria were considered:

- if the traffic exchange rate between two adjacent ACCs has exceeded 30 flights per hour; or
- if two consecutive FIRs implemented longitudinal separation 10 NM or less at common FIR boundary point(s); or
- if two adjacent FIRs implemented cross border Free Route Airspace (FRA); or

- d) *if the number of LHD recorded by MIDRMA related to adjacent ACCs has exceeded 10 reports per month and it lasts for more than 6 months; or*
- e) *if traffic movement at the common FIR boundary significant increased during contingency situations; or*
- f) *where decided by both concerned States.*

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[illegible]

| UTC       | KSA-EGP | EGP-KSA | Total | EGP-SUD | SUD-EGP | Total | EGP-LIB | LIB-EGP | Total | EGP-GRE | GRE-EGP | Total | EGP-CYP | CYP-EGP | Total | EGP-ISR | ISR-EGP | Total | EGP-JRD | JRD-EGP | Total |
|-----------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|
| 0000-0100 | 26      | 24      | 50    | 0       | 0       | 0     | 0       | 1       | 1     | 3       | 20      | 23    | 9       | 11      | 20    | 0       | 0       | 0     | 7       | 2       | 9     |
| 0100-0200 | 24      | 20      | 44    | 1       | 1       | 2     | 1       | 1       | 2     | 9       | 8       | 17    | 12      | 6       | 18    | 0       | 0       | 0     | 9       | 4       | 13    |
| 0200-0300 | 11      | 14      | 25    | 1       | 0       | 1     | 2       | 1       | 3     | 24      | 8       | 32    | 7       | 11      | 18    | 0       | 0       | 0     | 4       | 1       | 5     |
| 0300-0400 | 13      | 6       | 19    | 0       | 0       | 0     | 1       | 0       | 1     | 20      | 4       | 24    | 3       | 3       | 6     | 0       | 0       | 0     | 2       | 3       | 5     |
| 0400-0500 | 14      | 3       | 17    | 0       | 0       | 0     | 0       | 0       | 0     | 15      | 5       | 20    | 7       | 5       | 12    | 0       | 0       | 0     | 4       | 1       | 5     |
| 0500-0600 | 12      | 3       | 15    | 0       | 0       | 0     | 0       | 0       | 0     | 17      | 8       | 25    | 5       | 7       | 12    | 0       | 0       | 0     | 5       | 3       | 8     |
| 0600-0700 | 20      | 6       | 26    | 0       | 0       | 0     | 1       | 0       | 1     | 8       | 6       | 14    | 4       | 3       | 7     | 0       | 0       | 0     | 4       | 2       | 6     |
| 0700-0800 | 29      | 8       | 37    | 0       | 1       | 1     | 1       | 1       | 2     | 9       | 8       | 17    | 15      | 8       | 23    | 0       | 0       | 0     | 12      | 8       | 20    |
| 0800-0900 | 23      | 5       | 28    | 0       | 0       | 0     | 3       | 0       | 3     | 22      | 6       | 28    | 9       | 6       | 15    | 0       | 0       | 0     | 5       | 8       | 13    |
| 0900-1000 | 11      | 4       | 15    | 0       | 1       | 1     | 2       | 2       | 4     | 11      | 4       | 15    | 4       | 2       | 6     | 0       | 0       | 0     | 6       | 5       | 11    |
| 1000-1100 | 17      | 6       | 23    | 0       | 0       | 0     | 0       | 2       | 2     | 19      | 21      | 40    | 4       | 13      | 17    | 0       | 0       | 0     | 4       | 0       | 4     |
| 1100-1200 | 15      | 17      | 32    | 0       | 0       | 0     | 1       | 0       | 1     | 17      | 12      | 29    | 4       | 13      | 17    | 0       | 0       | 0     | 9       | 1       | 10    |
| 1200-1300 | 16      | 9       | 25    | 0       | 0       | 0     | 0       | 1       | 1     | 8       | 18      | 26    | 3       | 19      | 22    | 0       | 0       | 0     | 10      | 2       | 12    |
| 1300-1400 | 20      | 15      | 35    | 0       | 0       | 0     | 0       | 2       | 2     | 13      | 18      | 31    | 5       | 16      | 21    | 0       | 0       | 0     | 10      | 3       | 13    |
| 1400-1500 | 11      | 11      | 22    | 0       | 0       | 0     | 0       | 1       | 1     | 12      | 9       | 21    | 15      | 16      | 31    | 0       | 0       | 0     | 8       | 1       | 9     |
| 1500-1600 | 12      | 9       | 21    | 0       | 1       | 1     | 1       | 2       | 3     | 7       | 15      | 22    | 5       | 8       | 13    | 0       | 0       | 0     | 11      | 1       | 12    |
| 1600-1700 | 10      | 13      | 23    | 0       | 0       | 0     | 1       | 0       | 1     | 10      | 20      | 30    | 4       | 15      | 19    | 0       | 0       | 0     | 12      | 2       | 14    |
| 1700-1800 | 10      | 8       | 18    | 1       | 1       | 2     | 0       | 2       | 2     | 11      | 30      | 41    | 4       | 16      | 20    | 0       | 0       | 0     | 13      | 2       | 15    |
| 1800-1900 | 12      | 25      | 37    | 0       | 0       | 0     | 1       | 3       | 4     | 1       | 24      | 25    | 5       | 15      | 20    | 0       | 0       | 0     | 8       | 1       | 9     |
| 1900-2000 | 13      | 21      | 34    | 0       | 0       | 0     | 1       | 0       | 1     | 5       | 19      | 24    | 2       | 12      | 14    | 0       | 0       | 0     | 2       | 0       | 2     |
| 2000-2100 | 12      | 17      | 29    | 0       | 0       | 0     | 1       | 0       | 1     | 11      | 5       | 16    | 4       | 13      | 17    | 0       | 0       | 0     | 7       | 0       | 7     |
| 2100-2200 | 12      | 14      | 26    | 0       | 1       | 1     | 2       | 1       | 3     | 5       | 16      | 21    | 1       | 12      | 13    | 0       | 0       | 0     | 8       | 0       | 8     |
| 2200-2300 | 14      | 15      | 29    | 0       | 0       | 0     | 0       | 1       | 1     | 6       | 17      | 23    | 7       | 13      | 20    | 0       | 0       | 0     | 5       | 1       | 6     |
| 2300-2400 | 14      | 11      | 25    | 1       | 0       | 1     | 0       | 1       | 1     | 5       | 15      | 20    | 8       | 14      | 22    | 0       | 0       | 0     | 11      | 2       | 13    |
|           | 371     | 284     | 655   | 4       | 6       | 10    | 19      | 22      | 41    | 268     | 316     | 584   | 146     | 257     | 403   | 0       | 0       | 0     | 176     | 53      | 229   |

| UTC       | IRN-IRQ | IRQ-IRN | Total | IRN-TUR | TUR-IRN | Total | IRN-AZR | AZR-IRN | Total | IRN-ARM | ARM-IRN | Total | IRN-TRM | TRM-IRN | Total | IRN-AFG | AFG-IRN | Total | IRN-PAK | PAK-IRN | Total | IRN-OMN | OMN-IRN | Total | IRN-UAE | UAE-IRN | Total | IRN-QTR | QTR-IRN | Total | IRN-BAH | BAH-IRN | Total | IRN-KWT | KWT-IRN | Total |   |    |   |
|-----------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---|----|---|
| 0000-0100 | 0       | 0       | 0     | 9       | 22      | 31    | 4       | 7       | 11    | 1       | 3       | 4     | 3       | 7       | 10    | 2       | 0       | 2     | 15      | 10      | 25    | 4       | 7       | 11    | 4       | 13      | 17    | 0       | 6       | 6     | 1       | 9       | 10    | 4       | 0       | 4     | 0 | 4  |   |
| 0100-0200 | 0       | 0       | 0     | 10      | 10      | 20    | 2       | 8       | 10    | 0       | 2       | 2     | 0       | 4       | 4     | 3       | 0       | 3     | 13      | 11      | 24    | 5       | 6       | 11    | 18      | 4       | 22    | 3       | 1       | 4     | 3       | 1       | 4     | 3       | 1       | 4     | 0 | 4  |   |
| 0200-0300 | 1       | 1       | 2     | 5       | 3       | 8     | 1       | 1       | 2     | 0       | 0       | 0     | 1       | 2       | 3     | 6       | 0       | 6     | 11      | 5       | 16    | 1       | 3       | 4     | 22      | 9       | 31    | 4       | 1       | 5     | 4       | 1       | 5     | 1       | 0       | 1     | 0 | 1  |   |
| 0300-0400 | 0       | 2       | 2     | 4       | 1       | 5     | 0       | 1       | 1     | 1       | 0       | 1     | 0       | 3       | 3     | 4       | 1       | 5     | 7       | 6       | 13    | 2       | 2       | 4     | 14      | 5       | 19    | 0       | 0       | 0     | 0       | 0       | 0     | 0       | 2       | 0     | 2 |    |   |
| 0400-0500 | 0       | 5       | 5     | 6       | 0       | 6     | 3       | 1       | 4     | 0       | 1       | 1     | 1       | 2       | 3     | 0       | 0       | 0     | 2       | 11      | 13    | 2       | 0       | 2     | 14      | 19      | 33    | 0       | 2       | 2     | 0       | 2       | 2     | 2       | 1       | 3     | 0 | 3  |   |
| 0500-0600 | 3       | 1       | 4     | 2       | 2       | 4     | 2       | 3       | 5     | 4       | 1       | 5     | 0       | 4       | 4     | 1       | 0       | 1     | 6       | 7       | 13    | 4       | 4       | 8     | 6       | 12      | 18    | 3       | 5       | 8     | 3       | 5       | 8     | 1       | 3       | 4     | 0 | 4  |   |
| 0600-0700 | 4       | 1       | 5     | 13      | 2       | 15    | 6       | 1       | 7     | 0       | 0       | 0     | 3       | 3       | 6     | 1       | 1       | 2     | 6       | 7       | 13    | 3       | 1       | 4     | 6       | 14      | 20    | 0       | 4       | 4     | 0       | 5       | 5     | 3       | 1       | 4     | 0 | 4  |   |
| 0700-0800 | 3       | 3       | 6     | 3       | 1       | 4     | 8       | 2       | 10    | 3       | 1       | 4     | 3       | 3       | 6     | 1       | 0       | 1     | 8       | 12      | 20    | 7       | 7       | 14    | 3       | 8       | 11    | 0       | 1       | 1     | 0       | 1       | 1     | 0       | 1       | 1     | 0 | 1  |   |
| 0800-0900 | 1       | 2       | 3     | 10      | 3       | 13    | 3       | 3       | 6     | 2       | 3       | 5     | 1       | 2       | 3     | 0       | 1       | 1     | 7       | 5       | 12    | 0       | 3       | 3     | 5       | 8       | 13    | 3       | 0       | 3     | 3       | 0       | 3     | 1       | 1       | 2     | 0 | 2  |   |
| 0900-1000 | 2       | 0       | 2     | 3       | 2       | 5     | 0       | 3       | 3     | 1       | 2       | 3     | 1       | 0       | 1     | 0       | 0       | 0     | 4       | 4       | 8     | 1       | 1       | 2     | 4       | 15      | 19    | 1       | 2       | 3     | 2       | 3       | 5     | 1       | 0       | 1     | 0 | 1  |   |
| 1000-1100 | 1       | 0       | 1     | 2       | 2       | 4     | 1       | 3       | 4     | 1       | 3       | 4     | 3       | 2       | 5     | 2       | 1       | 3     | 6       | 7       | 13    | 2       | 3       | 5     | 5       | 8       | 13    | 1       | 1       | 2     | 1       | 1       | 2     | 5       | 1       | 6     | 0 | 6  |   |
| 1100-1200 | 1       | 1       | 2     | 0       | 3       | 3     | 3       | 2       | 5     | 1       | 1       | 2     | 6       | 1       | 7     | 0       | 3       | 3     | 1       | 7       | 8     | 0       | 2       | 2     | 4       | 9       | 13    | 2       | 2       | 4     | 3       | 3       | 6     | 0       | 0       | 0     | 0 | 0  |   |
| 1200-1300 | 0       | 1       | 1     | 6       | 2       | 8     | 3       | 1       | 4     | 1       | 0       | 1     | 6       | 1       | 7     | 1       | 3       | 4     | 9       | 3       | 12    | 0       | 4       | 4     | 3       | 5       | 8     | 2       | 2       | 4     | 2       | 2       | 4     | 1       | 1       | 2     | 0 | 2  |   |
| 1300-1400 | 1       | 1       | 2     | 5       | 5       | 10    | 3       | 1       | 4     | 0       | 2       | 2     | 3       | 2       | 5     | 1       | 0       | 1     | 0       | 3       | 3     | 1       | 1       | 2     | 8       | 6       | 14    | 2       | 4       | 6     | 2       | 4       | 6     | 1       | 0       | 1     | 0 | 1  |   |
| 1400-1500 | 1       | 1       | 2     | 1       | 6       | 7     | 6       | 3       | 9     | 1       | 1       | 2     | 0       | 1       | 1     | 1       | 1       | 2     | 4       | 3       | 7     | 1       | 2       | 3     | 13      | 7       | 20    | 1       | 2       | 3     | 1       | 3       | 4     | 0       | 3       | 3     | 0 | 3  |   |
| 1500-1600 | 1       | 0       | 1     | 3       | 15      | 18    | 3       | 2       | 5     | 0       | 0       | 0     | 1       | 2       | 3     | 1       | 2       | 3     | 4       | 3       | 7     | 0       | 1       | 1     | 14      | 7       | 21    | 0       | 2       | 2     | 0       | 2       | 2     | 0       | 1       | 1     | 1 | 0  | 1 |
| 1600-1700 | 1       | 1       | 2     | 9       | 6       | 15    | 3       | 4       | 7     | 2       | 0       | 2     | 2       | 1       | 3     | 3       | 1       | 4     | 6       | 2       | 8     | 0       | 4       | 4     | 14      | 4       | 18    | 0       | 3       | 3     | 0       | 4       | 4     | 0       | 1       | 1     | 1 | 0  | 1 |
| 1700-1800 | 0       | 3       | 3     | 1       | 9       | 10    | 3       | 5       | 8     | 1       | 1       | 2     | 1       | 4       | 5     | 1       | 1       | 2     | 7       | 6       | 13    | 3       | 3       | 6     | 7       | 7       | 14    | 2       | 5       | 7     | 2       | 6       | 8     | 0       | 1       | 1     | 1 | 0  | 1 |
| 1800-1900 | 3       | 2       | 5     | 0       | 8       | 8     | 2       | 2       | 4     | 1       | 0       | 1     | 2       | 3       | 5     | 2       | 0       | 2     | 12      | 4       | 16    | 0       | 6       | 6     | 10      | 15      | 25    | 2       | 1       | 3     | 2       | 1       | 3     | 0       | 3       | 3     | 0 | 3  |   |
| 1900-2000 | 1       | 1       | 2     | 4       | 4       | 8     | 2       | 1       | 3     | 1       | 4       | 5     | 5       | 0       | 5     | 0       | 0       | 0     | 15      | 4       | 19    | 0       | 15      | 15    | 13      | 9       | 22    | 3       | 3       | 6     | 5       | 3       | 8     | 0       | 0       | 0     | 0 | 0  |   |
| 2000-2100 | 2       | 2       | 4     | 2       | 4       | 6     | 3       | 2       | 5     | 1       | 2       | 3     | 3       | 1       | 4     | 3       | 0       | 3     | 8       | 6       | 14    | 1       | 3       | 4     | 3       | 7       | 10    | 3       | 1       | 4     | 3       | 1       | 4     | 0       | 2       | 2     | 0 | 2  |   |
| 2100-2200 | 2       | 0       | 2     | 0       | 10      | 10    | 1       | 1       | 2     | 1       | 0       | 1     | 3       | 0       | 3     | 0       | 0       | 0     | 13      | 7       | 20    | 0       | 7       | 7     | 3       | 5       | 8     | 3       | 0       | 3     | 3       | 1       | 4     | 0       | 1       | 1     | 1 | 0  | 1 |
| 2200-2300 | 1       | 0       | 1     | 2       | 8       | 10    | 1       | 1       | 2     | 1       | 0       | 1     | 2       | 0       | 2     | 0       | 0       | 0     | 6       | 8       | 14    | 0       | 6       | 6     | 6       | 6       | 12    | 0       | 1       | 1     | 0       | 1       | 1     | 0       | 1       | 1     | 1 | 0  | 1 |
| 2300-2400 | 0       | 0       | 0     | 6       | 16      | 22    | 2       | 5       | 7     | 1       | 1       | 2     | 4       | 2       | 6     | 0       | 0       | 0     | 13      | 6       | 19    | 1       | 8       | 9     | 5       | 18      | 23    | 0       | 9       | 9     | 0       | 9       | 9     | 0       | 1       | 1     | 1 | 0  | 1 |
|           | 29      | 28      | 57    | 106     | 144     | 250   | 65      | 63      | 128   | 25      | 28      | 53    | 54      | 50      | 104   | 33      | 15      | 48    | 183     | 147     | 330   | 38      | 99      | 137   | 204     | 220     | 424   | 35      | 58      | 93    | 40      | 68      | 108   | 25      | 24      | 49    | 0 | 49 |   |

| UTC       | IRQ-TUR | TUR-IRQ | Total | KWT-IRQ | IRQ-KWT | Total | KSA-IRQ | IRQ-KSA | Total | JRD-IRQ | IRQ-JRD | Total | IRQ-IRN | IRN-IRQ | Total | SYR-IRQ | IRQ-SYR | Total |
|-----------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|
| 0000-0100 | 31      | 7       | 38    | 32      | 4       | 36    | 0       | 0       | 0     | 1       | 0       | 1     | 0       | 0       | 0     | 0       | 0       | 0     |
| 0100-0200 | 36      | 8       | 44    | 16      | 8       | 24    | 0       | 0       | 0     | 0       | 0       | 0     | 0       | 0       | 0     | 0       | 0       | 0     |
| 0200-0300 | 15      | 2       | 17    | 12      | 12      | 24    | 0       | 0       | 0     | 3       | 0       | 3     | 1       | 1       | 2     | 1       | 0       | 1     |
| 0300-0400 | 11      | 5       | 16    | 3       | 2       | 5     | 1       | 0       | 1     | 0       | 1       | 1     | 0       | 2       | 2     | 1       | 1       | 2     |
| 0400-0500 | 5       | 4       | 9     | 7       | 1       | 8     | 0       | 0       | 0     | 1       | 0       | 1     | 0       | 5       | 5     | 0       | 1       | 1     |
| 0500-0600 | 6       | 2       | 8     | 25      | 2       | 27    | 0       | 1       | 1     | 0       | 4       | 4     | 3       | 1       | 4     | 0       | 0       | 0     |
| 0600-0700 | 26      | 1       | 27    | 43      | 2       | 45    | 0       | 0       | 0     | 1       | 0       | 1     | 4       | 1       | 5     | 1       | 0       | 1     |
| 0700-0800 | 49      | 2       | 51    | 36      | 4       | 40    | 0       | 0       | 0     | 1       | 3       | 4     | 3       | 3       | 6     | 1       | 1       | 2     |
| 0800-0900 | 31      | 2       | 33    | 17      | 6       | 23    | 0       | 1       | 1     | 0       | 1       | 1     | 1       | 2       | 3     | 0       | 0       | 0     |
| 0900-1000 | 20      | 2       | 22    | 8       | 4       | 12    | 0       | 2       | 2     | 0       | 0       | 0     | 2       | 0       | 2     | 0       | 1       | 1     |
| 1000-1100 | 8       | 6       | 14    | 8       | 3       | 11    | 0       | 0       | 0     | 2       | 0       | 2     | 1       | 0       | 1     | 0       | 1       | 1     |
| 1100-1200 | 8       | 17      | 25    | 21      | 5       | 26    | 0       | 0       | 0     | 0       | 0       | 0     | 1       | 1       | 2     | 0       | 1       | 1     |
| 1200-1300 | 15      | 18      | 33    | 17      | 19      | 36    | 0       | 0       | 0     | 1       | 0       | 1     | 0       | 1       | 1     | 0       | 3       | 3     |
| 1300-1400 | 21      | 25      | 46    | 16      | 18      | 34    | 1       | 0       | 1     | 0       | 0       | 0     | 1       | 1       | 2     | 0       | 1       | 1     |
| 1400-1500 | 15      | 12      | 27    | 8       | 27      | 35    | 0       | 0       | 0     | 2       | 1       | 3     | 1       | 1       | 2     | 2       | 1       | 3     |
| 1500-1600 | 12      | 5       | 17    | 6       | 14      | 20    | 0       | 1       | 1     | 1       | 1       | 2     | 1       | 0       | 1     | 0       | 0       | 0     |
| 1600-1700 | 7       | 14      | 21    | 5       | 3       | 8     | 0       | 0       | 0     | 2       | 1       | 3     | 1       | 1       | 2     | 0       | 3       | 3     |
| 1700-1800 | 5       | 22      | 27    | 4       | 13      | 17    | 0       | 0       | 0     | 1       | 1       | 2     | 0       | 3       | 3     | 1       | 1       | 2     |
| 1800-1900 | 1       | 17      | 18    | 1       | 23      | 24    | 1       | 0       | 1     | 0       | 0       | 0     | 3       | 2       | 5     | 0       | 1       | 1     |
| 1900-2000 | 0       | 11      | 11    | 3       | 18      | 21    | 0       | 1       | 1     | 0       | 1       | 1     | 1       | 1       | 2     | 0       | 1       | 1     |
| 2000-2100 | 3       | 11      | 14    | 0       | 13      | 13    | 0       | 0       | 0     | 0       | 0       | 0     | 2       | 2       | 4     | 0       | 0       | 0     |
| 2100-2200 | 1       | 9       | 10    | 0       | 9       | 9     | 0       | 0       | 0     | 0       | 0       | 0     | 2       | 0       | 2     | 0       | 1       | 1     |
| 2200-2300 | 0       | 7       | 7     | 9       | 5       | 14    | 0       | 1       | 1     | 0       | 0       | 0     | 1       | 0       | 1     | 1       | 0       | 1     |
| 2300-2400 | 9       | 6       | 15    | 34      | 9       | 43    | 1       | 0       | 1     | 1       | 0       | 1     | 0       | 0       | 0     | 0       | 0       | 0     |
|           | 335     | 215     | 550   | 331     | 224     | 555   | 4       | 7       | 11    | 17      | 14      | 31    | 29      | 28      | 57    | 8       | 18      | 26    |

| UTC       | EGP-JRD | JRD-EGP | Total | JRD-ISR | ISR-JRD | Total | JRD-SYR | SYR-JRD | Total | JRD-IRQ | IRQ-JRD | Total | JRD-KSA | KSA-JRD | Total |
|-----------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|
| 0000-0100 | 7       | 2       | 9     | 3       | 10      | 13    | 0       | 0       | 0     | 1       | 0       | 1     | 6       | 4       | 10    |
| 0100-0200 | 9       | 4       | 13    | 4       | 8       | 12    | 1       | 0       | 1     | 0       | 0       | 0     | 7       | 2       | 9     |
| 0200-0300 | 4       | 1       | 5     | 1       | 4       | 5     | 1       | 0       | 1     | 3       | 0       | 3     | 3       | 4       | 7     |
| 0300-0400 | 2       | 3       | 5     | 1       | 1       | 2     | 0       | 0       | 0     | 0       | 1       | 1     | 2       | 3       | 5     |
| 0400-0500 | 4       | 1       | 5     | 2       | 4       | 6     | 1       | 1       | 2     | 1       | 0       | 1     | 5       | 5       | 10    |
| 0500-0600 | 5       | 3       | 8     | 2       | 5       | 7     | 0       | 4       | 4     | 0       | 4       | 4     | 1       | 7       | 8     |
| 0600-0700 | 4       | 2       | 6     | 2       | 5       | 7     | 1       | 1       | 2     | 1       | 0       | 1     | 5       | 5       | 10    |
| 0700-0800 | 12      | 8       | 20    | 7       | 9       | 16    | 1       | 1       | 2     | 1       | 3       | 4     | 6       | 16      | 22    |
| 0800-0900 | 5       | 8       | 13    | 9       | 7       | 16    | 0       | 2       | 2     | 0       | 1       | 1     | 6       | 11      | 17    |
| 0900-1000 | 6       | 5       | 11    | 2       | 7       | 9     | 0       | 2       | 2     | 0       | 0       | 0     | 6       | 7       | 13    |
| 1000-1100 | 4       | 0       | 4     | 0       | 5       | 5     | 3       | 1       | 4     | 2       | 0       | 2     | 6       | 4       | 10    |
| 1100-1200 | 9       | 1       | 10    | 2       | 10      | 12    | 2       | 0       | 2     | 0       | 0       | 0     | 5       | 9       | 14    |
| 1200-1300 | 10      | 2       | 12    | 2       | 12      | 14    | 0       | 1       | 1     | 1       | 0       | 1     | 11      | 7       | 18    |
| 1300-1400 | 10      | 3       | 13    | 4       | 10      | 14    | 0       | 2       | 2     | 0       | 0       | 0     | 8       | 6       | 14    |
| 1400-1500 | 8       | 1       | 9     | 0       | 7       | 7     | 2       | 2       | 4     | 2       | 1       | 3     | 11      | 2       | 13    |
| 1500-1600 | 11      | 1       | 12    | 2       | 12      | 14    | 0       | 4       | 4     | 1       | 1       | 2     | 11      | 2       | 13    |
| 1600-1700 | 12      | 2       | 14    | 2       | 9       | 11    | 0       | 1       | 1     | 2       | 1       | 3     | 8       | 1       | 9     |
| 1700-1800 | 13      | 2       | 15    | 1       | 13      | 14    | 2       | 0       | 2     | 1       | 1       | 2     | 10      | 3       | 13    |
| 1800-1900 | 8       | 1       | 9     | 1       | 11      | 12    | 1       | 0       | 1     | 0       | 0       | 0     | 8       | 4       | 12    |
| 1900-2000 | 2       | 0       | 2     | 0       | 2       | 2     | 1       | 1       | 2     | 0       | 1       | 1     | 1       | 4       | 5     |
| 2000-2100 | 7       | 0       | 7     | 0       | 6       | 6     | 1       | 0       | 1     | 0       | 0       | 0     | 8       | 3       | 11    |
| 2100-2200 | 8       | 0       | 8     | 0       | 9       | 9     | 1       | 1       | 2     | 0       | 0       | 0     | 9       | 1       | 10    |
| 2200-2300 | 5       | 1       | 6     | 1       | 5       | 6     | 2       | 0       | 2     | 0       | 0       | 0     | 14      | 2       | 16    |
| 2300-2400 | 11      | 2       | 13    | 1       | 13      | 14    | 0       | 1       | 1     | 1       | 0       | 1     | 8       | 0       | 8     |
|           | 176     | 53      | 229   | 49      | 184     | 233   | 20      | 25      | 45    | 17      | 14      | 31    | 165     | 112     | 277   |

| UTC       | KWT-IRQ | IRQ-KWT | Total | IRN-KWT | KWT-IRN | Total | KWT-BAH | BAH-KWT | Total | KWT-KSA | KSA-KWT | Total |
|-----------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|
| 0000-0100 | 32      | 4       | 36    | 4       | 0       | 4     | 5       | 32      | 37    | 2       | 2       | 4     |
| 0100-0200 | 16      | 8       | 24    | 3       | 1       | 4     | 7       | 13      | 20    | 1       | 1       | 2     |
| 0200-0300 | 12      | 12      | 24    | 1       | 0       | 1     | 10      | 10      | 20    | 4       | 1       | 5     |
| 0300-0400 | 3       | 2       | 5     | 2       | 0       | 2     | 4       | 3       | 7     | 2       | 2       | 4     |
| 0400-0500 | 7       | 1       | 8     | 2       | 1       | 3     | 3       | 13      | 16    | 1       | 5       | 6     |
| 0500-0600 | 25      | 2       | 27    | 1       | 3       | 4     | 2       | 38      | 40    | 5       | 4       | 9     |
| 0600-0700 | 43      | 2       | 45    | 3       | 1       | 4     | 2       | 43      | 45    | 4       | 1       | 5     |
| 0700-0800 | 36      | 4       | 40    | 0       | 1       | 1     | 8       | 32      | 40    | 0       | 1       | 1     |
| 0800-0900 | 17      | 6       | 23    | 1       | 1       | 2     | 8       | 15      | 23    | 4       | 1       | 5     |
| 0900-1000 | 8       | 4       | 12    | 1       | 0       | 1     | 10      | 8       | 18    | 4       | 3       | 7     |
| 1000-1100 | 8       | 3       | 11    | 5       | 1       | 6     | 7       | 11      | 18    | 2       | 3       | 5     |
| 1100-1200 | 21      | 5       | 26    | 0       | 0       | 0     | 4       | 27      | 31    | 2       | 5       | 7     |
| 1200-1300 | 17      | 19      | 36    | 1       | 1       | 2     | 15      | 18      | 33    | 0       | 4       | 4     |
| 1300-1400 | 16      | 18      | 34    | 1       | 0       | 1     | 26      | 14      | 40    | 3       | 3       | 6     |
| 1400-1500 | 8       | 27      | 35    | 0       | 3       | 3     | 24      | 12      | 36    | 2       | 6       | 8     |
| 1500-1600 | 6       | 14      | 20    | 0       | 1       | 1     | 19      | 4       | 23    | 1       | 3       | 4     |
| 1600-1700 | 5       | 3       | 8     | 0       | 1       | 1     | 9       | 10      | 19    | 3       | 1       | 4     |
| 1700-1800 | 4       | 13      | 17    | 0       | 1       | 1     | 12      | 8       | 20    | 1       | 5       | 6     |
| 1800-1900 | 1       | 23      | 24    | 0       | 3       | 3     | 22      | 5       | 27    | 2       | 2       | 4     |
| 1900-2000 | 3       | 18      | 21    | 0       | 0       | 0     | 16      | 4       | 20    | 3       | 4       | 7     |
| 2000-2100 | 0       | 13      | 13    | 0       | 2       | 2     | 20      | 3       | 23    | 4       | 2       | 6     |
| 2100-2200 | 0       | 9       | 9     | 0       | 1       | 1     | 12      | 1       | 13    | 4       | 1       | 5     |
| 2200-2300 | 9       | 5       | 14    | 0       | 1       | 1     | 7       | 12      | 19    | 1       | 5       | 6     |
| 2300-2400 | 34      | 9       | 43    | 0       | 1       | 1     | 7       | 42      | 49    | 1       | 2       | 3     |
|           | 331     | 224     | 555   | 25      | 24      | 49    | 259     | 378     | 637   | 56      | 67      | 123   |

| UTC       | IRN-OMN | OMN-IRN | Total | OMN-PKS | PKS-OMN | Total | OMN-IND | IND-OMN | Total | OMN-YMN | YMN-OMN | Total | KSA-OMN | OMN-KSA | Total | OMN-UAE | UAE-OMN | Total |
|-----------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|
| 0000-0100 | 4       | 7       | 11    | 4       | 7       | 11    | 40      | 37      | 77    | 6       | 13      | 19    | 14      | 4       | 18    | 48      | 43      | 91    |
| 0100-0200 | 5       | 6       | 11    | 7       | 4       | 11    | 45      | 39      | 84    | 1       | 9       | 10    | 16      | 2       | 18    | 44      | 37      | 81    |
| 0200-0300 | 1       | 3       | 4     | 5       | 3       | 8     | 20      | 27      | 47    | 4       | 3       | 7     | 2       | 3       | 5     | 38      | 14      | 52    |
| 0300-0400 | 2       | 2       | 4     | 3       | 4       | 7     | 5       | 15      | 20    | 1       | 2       | 3     | 1       | 1       | 2     | 27      | 14      | 41    |
| 0400-0500 | 2       | 0       | 2     | 2       | 4       | 6     | 5       | 14      | 19    | 0       | 4       | 4     | 5       | 2       | 7     | 27      | 13      | 40    |
| 0500-0600 | 4       | 4       | 8     | 3       | 6       | 9     | 10      | 17      | 27    | 0       | 1       | 1     | 5       | 4       | 9     | 20      | 27      | 47    |
| 0600-0700 | 3       | 1       | 4     | 5       | 11      | 16    | 14      | 28      | 42    | 3       | 5       | 8     | 3       | 1       | 4     | 24      | 39      | 63    |
| 0700-0800 | 7       | 7       | 14    | 6       | 4       | 10    | 22      | 29      | 51    | 0       | 8       | 8     | 2       | 6       | 8     | 45      | 31      | 76    |
| 0800-0900 | 0       | 3       | 3     | 2       | 5       | 7     | 14      | 12      | 26    | 2       | 11      | 13    | 1       | 2       | 3     | 42      | 12      | 54    |
| 0900-1000 | 1       | 1       | 2     | 1       | 5       | 6     | 9       | 13      | 22    | 1       | 1       | 2     | 3       | 6       | 9     | 21      | 18      | 39    |
| 1000-1100 | 2       | 3       | 5     | 5       | 3       | 8     | 14      | 11      | 25    | 1       | 1       | 2     | 1       | 4       | 5     | 21      | 18      | 39    |
| 1100-1200 | 0       | 2       | 2     | 2       | 1       | 3     | 9       | 7       | 16    | 1       | 0       | 1     | 5       | 4       | 9     | 17      | 37      | 54    |
| 1200-1300 | 0       | 4       | 4     | 6       | 7       | 13    | 20      | 18      | 38    | 4       | 3       | 7     | 1       | 1       | 2     | 11      | 23      | 34    |
| 1300-1400 | 1       | 1       | 2     | 2       | 9       | 11    | 14      | 13      | 27    | 1       | 2       | 3     | 0       | 3       | 3     | 30      | 17      | 47    |
| 1400-1500 | 1       | 2       | 3     | 1       | 5       | 6     | 10      | 9       | 19    | 5       | 1       | 6     | 3       | 3       | 6     | 26      | 21      | 47    |
| 1500-1600 | 0       | 1       | 1     | 3       | 2       | 5     | 11      | 23      | 34    | 3       | 3       | 6     | 3       | 4       | 7     | 17      | 17      | 34    |
| 1600-1700 | 0       | 4       | 4     | 1       | 6       | 7     | 11      | 31      | 42    | 3       | 0       | 3     | 8       | 5       | 13    | 28      | 35      | 63    |
| 1700-1800 | 3       | 3       | 6     | 9       | 8       | 17    | 17      | 35      | 52    | 9       | 0       | 9     | 5       | 3       | 8     | 42      | 42      | 84    |
| 1800-1900 | 0       | 6       | 6     | 7       | 10      | 17    | 31      | 40      | 71    | 7       | 0       | 7     | 3       | 11      | 14    | 49      | 50      | 99    |
| 1900-2000 | 0       | 15      | 15    | 8       | 8       | 16    | 37      | 26      | 63    | 0       | 0       | 0     | 1       | 6       | 7     | 62      | 38      | 100   |
| 2000-2100 | 1       | 3       | 4     | 6       | 5       | 11    | 26      | 21      | 47    | 3       | 0       | 3     | 5       | 1       | 6     | 28      | 44      | 72    |
| 2100-2200 | 0       | 7       | 7     | 12      | 5       | 17    | 34      | 12      | 46    | 3       | 0       | 3     | 4       | 2       | 6     | 22      | 31      | 53    |
| 2200-2300 | 0       | 6       | 6     | 6       | 4       | 10    | 26      | 22      | 48    | 12      | 2       | 14    | 3       | 4       | 7     | 22      | 35      | 57    |
| 2300-2400 | 1       | 8       | 9     | 5       | 5       | 10    | 30      | 42      | 72    | 11      | 2       | 13    | 6       | 5       | 11    | 33      | 46      | 79    |
|           | 38      | 99      | 137   | 111     | 131     | 242   | 474     | 541     | 1015  | 81      | 71      | 152   | 100     | 87      | 187   | 744     | 702     | 1446  |

| UTC       | KWT-KSA | KSA-KWT | Total | KSA-IRQ | IRQ-KSA | Total | JRD-KSA | KSA-JRD | Total | KSA-EGP | EGP-KSA | Total | KSA-SUD | SUD-KSA | Total | KSA-ERT | ERT-KSA | Total |
|-----------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|
| 0000-0100 | 2       | 2       | 4     | 0       | 0       | 0     | 6       | 4       | 10    | 26      | 24      | 50    | 0       | 1       | 1     | 7       | 5       | 12    |
| 0100-0200 | 1       | 1       | 2     | 0       | 0       | 0     | 7       | 2       | 9     | 24      | 20      | 44    | 0       | 0       | 0     | 16      | 3       | 19    |
| 0200-0300 | 4       | 1       | 5     | 0       | 0       | 0     | 3       | 4       | 7     | 11      | 14      | 25    | 0       | 0       | 0     | 18      | 1       | 19    |
| 0300-0400 | 2       | 2       | 4     | 1       | 0       | 1     | 2       | 3       | 5     | 13      | 6       | 19    | 0       | 0       | 0     | 4       | 3       | 7     |
| 0400-0500 | 1       | 5       | 6     | 0       | 0       | 0     | 5       | 5       | 10    | 14      | 3       | 17    | 3       | 0       | 3     | 2       | 2       | 4     |
| 0500-0600 | 5       | 4       | 9     | 0       | 1       | 1     | 1       | 7       | 8     | 12      | 3       | 15    | 0       | 0       | 0     | 2       | 1       | 3     |
| 0600-0700 | 4       | 1       | 5     | 0       | 0       | 0     | 5       | 5       | 10    | 20      | 6       | 26    | 0       | 0       | 0     | 1       | 2       | 3     |
| 0700-0800 | 0       | 1       | 1     | 0       | 0       | 0     | 6       | 16      | 22    | 29      | 8       | 37    | 0       | 1       | 1     | 2       | 1       | 3     |
| 0800-0900 | 4       | 1       | 5     | 0       | 1       | 1     | 6       | 11      | 17    | 23      | 5       | 28    | 0       | 0       | 0     | 4       | 1       | 5     |
| 0900-1000 | 4       | 3       | 7     | 0       | 2       | 2     | 6       | 7       | 13    | 11      | 4       | 15    | 0       | 0       | 0     | 3       | 4       | 7     |
| 1000-1100 | 2       | 3       | 5     | 0       | 0       | 0     | 6       | 4       | 10    | 17      | 6       | 23    | 0       | 0       | 0     | 1       | 1       | 2     |
| 1100-1200 | 2       | 5       | 7     | 0       | 0       | 0     | 5       | 9       | 14    | 15      | 17      | 32    | 0       | 1       | 1     | 1       | 1       | 2     |
| 1200-1300 | 0       | 4       | 4     | 0       | 0       | 0     | 11      | 7       | 18    | 16      | 9       | 25    | 0       | 0       | 0     | 1       | 0       | 1     |
| 1300-1400 | 3       | 3       | 6     | 1       | 0       | 1     | 8       | 6       | 14    | 20      | 15      | 35    | 0       | 0       | 0     | 2       | 0       | 2     |
| 1400-1500 | 2       | 6       | 8     | 0       | 0       | 0     | 11      | 2       | 13    | 11      | 11      | 22    | 1       | 0       | 1     | 3       | 0       | 3     |
| 1500-1600 | 1       | 3       | 4     | 0       | 1       | 1     | 11      | 2       | 13    | 12      | 9       | 21    | 0       | 0       | 0     | 2       | 1       | 3     |
| 1600-1700 | 3       | 1       | 4     | 0       | 0       | 0     | 8       | 1       | 9     | 10      | 13      | 23    | 0       | 0       | 0     | 3       | 1       | 4     |
| 1700-1800 | 1       | 5       | 6     | 0       | 0       | 0     | 10      | 3       | 13    | 10      | 8       | 18    | 0       | 1       | 1     | 2       | 2       | 4     |
| 1800-1900 | 2       | 2       | 4     | 1       | 0       | 1     | 8       | 4       | 12    | 12      | 25      | 37    | 0       | 0       | 0     | 2       | 0       | 2     |
| 1900-2000 | 3       | 4       | 7     | 0       | 1       | 1     | 1       | 4       | 5     | 13      | 21      | 34    | 0       | 0       | 0     | 4       | 0       | 4     |
| 2000-2100 | 4       | 2       | 6     | 0       | 0       | 0     | 8       | 3       | 11    | 12      | 17      | 29    | 0       | 0       | 0     | 5       | 1       | 6     |
| 2100-2200 | 4       | 1       | 5     | 0       | 0       | 0     | 9       | 1       | 10    | 12      | 14      | 26    | 0       | 0       | 0     | 4       | 12      | 16    |
| 2200-2300 | 1       | 5       | 6     | 0       | 1       | 1     | 14      | 2       | 16    | 14      | 15      | 29    | 0       | 0       | 0     | 1       | 17      | 18    |
| 2300-2400 | 1       | 2       | 3     | 1       | 0       | 1     | 8       | 0       | 8     | 14      | 11      | 25    | 0       | 0       | 0     | 8       | 9       | 17    |
|           | 56      | 67      | 123   | 4       | 7       | 11    | 165     | 112     | 277   | 371     | 284     | 655   | 4       | 4       | 8     | 98      | 68      | 166   |

| KSA-YMN | TMN-KSA | Total | KSA-OMN | OMN-KSA | Total | KSA-UAE | UAE-KSA | Total | KSA-QTR | QTR-KSA | Total | KSA-BAH | BAH-KSA | Total |
|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|
| 0       | 0       | 0     | 14      | 4       | 18    | 9       | 5       | 14    | 0       | 5       | 5     | 11      | 13      | 24    |
| 0       | 0       | 0     | 16      | 2       | 18    | 10      | 4       | 14    | 3       | 0       | 3     | 17      | 8       | 25    |
| 0       | 0       | 0     | 2       | 3       | 5     | 4       | 4       | 8     | 4       | 0       | 4     | 7       | 13      | 20    |
| 0       | 0       | 0     | 1       | 1       | 2     | 0       | 2       | 2     | 5       | 0       | 5     | 12      | 9       | 21    |
| 1       | 0       | 1     | 5       | 2       | 7     | 7       | 5       | 12    | 1       | 0       | 1     | 8       | 17      | 25    |
| 0       | 0       | 0     | 5       | 4       | 9     | 3       | 2       | 5     | 0       | 0       | 0     | 6       | 28      | 34    |
| 0       | 0       | 0     | 3       | 1       | 4     | 6       | 3       | 9     | 1       | 1       | 2     | 17      | 25      | 42    |
| 0       | 0       | 0     | 2       | 6       | 8     | 2       | 4       | 6     | 0       | 0       | 0     | 9       | 16      | 25    |
| 0       | 0       | 0     | 1       | 2       | 3     | 2       | 7       | 9     | 0       | 1       | 1     | 10      | 10      | 20    |
| 0       | 0       | 0     | 3       | 6       | 9     | 6       | 5       | 11    | 0       | 0       | 0     | 18      | 17      | 35    |
| 0       | 0       | 0     | 1       | 4       | 5     | 5       | 2       | 7     | 0       | 0       | 0     | 14      | 16      | 30    |
| 0       | 0       | 0     | 5       | 4       | 9     | 2       | 9       | 11    | 0       | 1       | 1     | 13      | 23      | 36    |
| 0       | 0       | 0     | 1       | 1       | 2     | 2       | 1       | 3     | 1       | 0       | 1     | 19      | 12      | 31    |
| 0       | 0       | 0     | 0       | 3       | 3     | 4       | 6       | 10    | 0       | 0       | 0     | 25      | 17      | 42    |
| 0       | 0       | 0     | 3       | 3       | 6     | 5       | 3       | 8     | 8       | 0       | 8     | 24      | 8       | 32    |
| 0       | 0       | 0     | 3       | 4       | 7     | 5       | 3       | 8     | 1       | 0       | 1     | 23      | 16      | 39    |
| 0       | 0       | 0     | 8       | 5       | 13    | 7       | 6       | 13    | 2       | 2       | 4     | 15      | 12      | 27    |
| 0       | 0       | 0     | 5       | 3       | 8     | 6       | 4       | 10    | 0       | 0       | 0     | 8       | 18      | 26    |
| 0       | 0       | 0     | 3       | 11      | 14    | 4       | 8       | 12    | 3       | 0       | 3     | 19      | 9       | 28    |
| 0       | 0       | 0     | 1       | 6       | 7     | 4       | 3       | 7     | 6       | 0       | 6     | 18      | 16      | 34    |
| 0       | 0       | 0     | 5       | 1       | 6     | 6       | 1       | 7     | 13      | 0       | 13    | 19      | 10      | 29    |
| 0       | 0       | 0     | 4       | 2       | 6     | 3       | 5       | 8     | 5       | 0       | 5     | 21      | 5       | 26    |
| 0       | 0       | 0     | 3       | 4       | 7     | 7       | 3       | 10    | 3       | 0       | 3     | 14      | 18      | 32    |
| 0       | 0       | 0     | 6       | 5       | 11    | 3       | 7       | 10    | 1       | 10      | 11    | 14      | 13      | 27    |
| 1       | 0       | 1     | 100     | 87      | 187   | 112     | 102     | 214   | 57      | 20      | 77    | 361     | 349     | 710   |

| UTC       | YMN-ETP | ETP-YMN | Total | YMN-ERT | ERT-YMN | Total | KSA-YMN | YMN-KSA | Total | OMN-YMN | YMN-OMN | Total | YMN-IND | IND-YMN | Total | YMN-SOM | SOM-YMN | Total |
|-----------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|---------|---------|-------|
| 0000-0100 | 1       | 0       | 1     | 0       | 0       | 0     | 0       | 0       | 0     | 6       | 13      | 19    | 1       | 6       | 7     | 0       | 0       | 0     |
| 0100-0200 | 5       | 1       | 6     | 0       | 0       | 0     | 0       | 0       | 0     | 1       | 9       | 10    | 0       | 3       | 3     | 3       | 2       | 5     |
| 0200-0300 | 7       | 0       | 7     | 0       | 0       | 0     | 0       | 0       | 0     | 4       | 3       | 7     | 0       | 0       | 0     | 4       | 3       | 7     |
| 0300-0400 | 2       | 0       | 2     | 0       | 0       | 0     | 0       | 0       | 0     | 1       | 2       | 3     | 1       | 0       | 1     | 0       | 0       | 0     |
| 0400-0500 | 1       | 0       | 1     | 0       | 0       | 0     | 1       | 0       | 1     | 0       | 4       | 4     | 0       | 0       | 0     | 1       | 0       | 1     |
| 0500-0600 | 0       | 0       | 0     | 0       | 0       | 0     | 0       | 0       | 0     | 0       | 1       | 1     | 0       | 0       | 0     | 3       | 1       | 4     |
| 0600-0700 | 0       | 1       | 1     | 0       | 0       | 0     | 0       | 0       | 0     | 3       | 5       | 8     | 0       | 0       | 0     | 2       | 1       | 3     |
| 0700-0800 | 0       | 0       | 0     | 0       | 0       | 0     | 0       | 0       | 0     | 0       | 8       | 8     | 0       | 2       | 2     | 7       | 1       | 8     |
| 0800-0900 | 3       | 2       | 5     | 1       | 0       | 1     | 0       | 0       | 0     | 2       | 11      | 13    | 1       | 1       | 2     | 6       | 1       | 7     |
| 0900-1000 | 1       | 0       | 1     | 0       | 0       | 0     | 0       | 0       | 0     | 1       | 1       | 2     | 0       | 0       | 0     | 5       | 0       | 5     |
| 1000-1100 | 0       | 0       | 0     | 0       | 0       | 0     | 0       | 0       | 0     | 1       | 1       | 2     | 0       | 1       | 1     | 1       | 0       | 1     |
| 1100-1200 | 0       | 0       | 0     | 0       | 0       | 0     | 0       | 0       | 0     | 1       | 0       | 1     | 0       | 0       | 0     | 0       | 3       | 3     |
| 1200-1300 | 1       | 1       | 2     | 0       | 0       | 0     | 0       | 0       | 0     | 4       | 3       | 7     | 0       | 1       | 1     | 1       | 3       | 4     |
| 1300-1400 | 1       | 0       | 1     | 0       | 0       | 0     | 0       | 0       | 0     | 1       | 2       | 3     | 0       | 1       | 1     | 1       | 4       | 5     |
| 1400-1500 | 0       | 1       | 1     | 0       | 0       | 0     | 0       | 0       | 0     | 5       | 1       | 6     | 1       | 0       | 1     | 3       | 4       | 7     |
| 1500-1600 | 0       | 2       | 2     | 0       | 1       | 1     | 0       | 0       | 0     | 3       | 3       | 6     | 0       | 1       | 1     | 0       | 1       | 1     |
| 1600-1700 | 5       | 1       | 6     | 0       | 0       | 0     | 0       | 0       | 0     | 3       | 0       | 3     | 1       | 0       | 1     | 0       | 4       | 4     |
| 1700-1800 | 0       | 1       | 1     | 0       | 0       | 0     | 0       | 0       | 0     | 9       | 0       | 9     | 2       | 0       | 2     | 0       | 5       | 5     |
| 1800-1900 | 0       | 0       | 0     | 1       | 0       | 1     | 0       | 0       | 0     | 7       | 0       | 7     | 0       | 0       | 0     | 0       | 5       | 5     |
| 1900-2000 | 0       | 1       | 1     | 0       | 0       | 0     | 0       | 0       | 0     | 0       | 0       | 0     | 0       | 0       | 0     | 0       | 2       | 2     |
| 2000-2100 | 0       | 2       | 2     | 0       | 0       | 0     | 0       | 0       | 0     | 3       | 0       | 3     | 0       | 0       | 0     | 0       | 1       | 1     |
| 2100-2200 | 0       | 5       | 5     | 0       | 0       | 0     | 0       | 0       | 0     | 3       | 0       | 3     | 0       | 0       | 0     | 0       | 5       | 5     |
| 2200-2300 | 0       | 3       | 3     | 0       | 0       | 0     | 0       | 0       | 0     | 12      | 2       | 14    | 2       | 0       | 2     | 0       | 4       | 4     |
| 2300-2400 | 0       | 2       | 2     | 0       | 0       | 0     | 0       | 0       | 0     | 11      | 2       | 13    | 3       | 2       | 5     | 2       | 6       | 8     |
|           | 27      | 23      | 50    | 2       | 1       | 3     | 1       | 0       | 1     | 81      | 71      | 152   | 12      | 18      | 30    | 39      | 56      | 95    |