



International Civil Aviation Organization

MIDANPIRG Air Traffic Management Sub-Group

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

Agenda Item 3: Planning and implementation issues related to ATM/SAR

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.

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.*

[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
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
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
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	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
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
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
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
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
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
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
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
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
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
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
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
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
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	14	2	5	7	2	6	8	0	1	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
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
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
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
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
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
	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

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