



International Civil Aviation Organization

**Sixth Meeting of the MID ATS Messaging Management Centre Steering Group (MIDAMC STG/6)**

*(30 November 2020)*

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**SUMMARY OF DISCUSSIONS**

**1. GENERAL**

1.1 The the Sixth Meeting of the MID ATS Messaging Management Centre Steering Group (MIDAMC STG/6) was successfully conducted virtually on 30 November 2020 from 8:00 to 10:00 UTC using MS Teams facility.

1.2 The meeting was attended by a total of Thirty-nine (39) participants from eleven (11) States (Bahrain, Egypt, Iran, Iraq, Jordan, Kuwait, Lebanon, Oman, Saudi Arabia, UAE and Yemen) and one (1) Organization (IFALPA). The list of participants is at **Attachment A**.

**2. OPENING**

2.1 The meeting was chaired and opened by Mr. Yaseen Hassan Al Sayed, Director Air Navigation Systems, Bahrain, welcomed all participants and thanked them for accepting the invitation to join this important Virtual Meeting and for their dedication and great cooperation. Mr. Yaseen also thanked the MIDAMC Team for the continuous support and efforts.

**3. DISCUSSIONS**

*Adoption of the Provisional Agenda*

3.1 The meeting reviewed and adopted the Provisional Agenda.

*Follow-up on MIDANPIRG/17 Conclusions and Decisions related to the MIDAMC STG*

3.2 The meeting noted the follow-up actions taken on MIDANPIRG/17 Conclusions and Decisions related to the MIDAMC STG.

*AMHS Network Performance Matters*

Development of AFTN/AMHS/CIDIN Routing Directory

3.3 The meeting recalled MIDANPIRG Conclusion 17/29, regarding the AFTN/CIDIN/MHS Routing Directory. The meeting reviewed the Regional Routing directory (V 5.0, 2011), and agreed that States to provide updated version by **15 December 2020**. The MIDAMC will consolidate all inputs and present the updated AFTN/CIDIN/AMHS Routing Directory to MIDANPIRG/18 for endorsement.

3.4 The Meeting recalled that the MIDAMC web application was established because some of the operational functions (like routing management) were not available to the MID COM Centers. The meeting was informed that the EUR AMC decided to provide External COM users similar access like CCC user (EUR users). Thus, the routing management function can be used by all AMC users globally.

3.5 The meeting agreed that there is no need to keep using the MIDAMC web application and that EUR AMC should be used by all MID users. However, the MIDAMC team will continue carrying out coordination and operation support role.

3.6 The meeting noted that several operational problems have occurred due to delay in updating the AMHS addressee tables. The new addressee tables should be updated on day 28 of each AIRAC cycle at 1100 UTC.

3.7 The meeting noted that MIDAMC members contact details should be updated, as many retired or moved to other positions. The MIDAMC Team sends monthly notification by email to all focal points in the MID Region. However, it was noted that users might not take appropriate action(s) on a timely manner. Accordingly, the meeting agreed to establish a Whatsapp group to send instant notification and provide alternative means of fast communication between the MIDAMC Team and MIDAMC focal points. The Whatsapp group can be used to investigate/solve any operational matter that need immediate attention and action.

3.8 Based on the aforementioned, the meeting agreed to the following Draft Conclusion:

***DRAFT CONCLUSION 6/1: MIDAMC OPERATION EFFICIENCY***

*That, in order to enhance the MIDAMC operation efficiency, States are encouraged to:*

- a) *update their MIDAMC focal point(s);*
- b) *Register MIDAMC users on the EUR AMC as external AMC operator, in coordination with the MIDAMC Team by **1 March 2021**;*
- c) *note that the MIDAMC web application will be withdrawn by **1 April 2021**;*  
*and*
- d) *nominate SMEs to join the MIDAMC Team. A training on MIDAMC operation will be arranged for new MIDAMC members.*

3.9 The meeting requested MIDAMC to organize a refresher training on using the routing management function on the AMC and developing routing directory in AMC format. Accordingly, the meeting agreed to the following Draft Decision:

***DRAFT CONCLUSION 6/2: AMC OPERATION WEBINAR***

*That, in order to provide the MIDAMC users with the required knowledge on the use of the AMC functions and tools, a webinar on AMC operation be organized in **March 2021**, by ICAO MID and MIDAMC Team.*

3.10 The meeting reviewed the latest MID Region COM Chart and noted that some States still using CIDIN connection. In this vein, the meeting recalled MIDANPIRG/16 Conclusion on CIDIN removal from the MID Region.

### Update on ATS Extended Services

3.11 Saudi Arabia provided update on AMHS progress and establishment of national IP network.

3.12 The meeting reviewed and updated the MID ROC plan as at the **Attachment B**.

3.13 The meeting noted the challenges associated with the inter-regional connections migration to AMHS. Three (3) States (Bahrain, Egypt and Saudi Arabia) requested ICAO MID Office's support in fostering the coordination process with Cyprus. The ICAO MID Office will coordinate with Paris office and Cyprus as requested.

3.14 The meeting was apprised on the outcome of Several States coordination with the CRV service provider (PCCW). All interested States indicated that the cost is very high and do not meet the objective of the project in having cost-effective solution. The meeting discussed alternative means to establish Regional IP Network. Accordingly, the meeting tasked the MID office to coordinate with EUROCONTROL and explore the possibility of joining the PENS project.

3.15 The meeting agreed to the following Draft Decision:

***DRAFT DECISION 6/3: ALTERNATIVE SOLUTION TO ESTABLISH MID IP NETWORK***

*That, the MIDAMC STG is tasked to coordinate with EUROCONTROL and explore the possibility of joining the PENS project as alternative solution for establishing MID IP Network.*

### ***Future Work Programme***

3.16 The meeting reviewed and updated the MIDAMC terms of Reference as at **Attachment C**.

3.17 The meeting agreed that MIDAMC STG/7 should be conducted physically and back to back with the CNS SG/11 in June 2021

### ***Any other Business***

3.18 ICAO secretariat provided a brief about ICAO Project- Global Trust framework.

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Sixth Meeting of the MID ATS Messaging Management Centre Steering Group  
(MIDAMC SG/6)

Virtual Meeting, 30 November 2020

State/ Org	Contact	Title
<b>Bahrain</b>	Mr. Ali Darwish Asad	Computer Network Administrator
	Mr. Jamal Hassan Mohammed	Sr. Aeronautical Telecommunication Specialist
	Mr. Yaseen Hassan Al Sayed	Director Air Navigation Systems
<b>Egypt</b>	Ms. Aya Ashraf Mostafa	CNS Inspector
	Mr. Ahmed Fayez	TOT
	Mr. Mohamed Ahmed Sultan	CNS Engineer
	Mr. Ahmed Abdel Wahab El Marady	ANS Oversight Inspector
	Mr. Sherif Abd El-razek Aql Badr	Air Navigation Inspector
	Mr. Islam Awad Zaki Awad	Air Navigation Inspector
<b>Iran</b>	Mr. Ali Akbar Salehi Valojerdi	Senior Expert of AFTN/AMHS Com
	Mr. Sayed Mirsaeed	ASNP
<b>Iraq</b>	Mr. Mohammed Ahmed	ATS Manager
	Mr. Muthana Khalid	NOF Unit Manager
<b>Jordan</b>	Mr. Amer Mohammad Theeb Yousef	AFTN/AMHS System Engineer
	Mr. Yaser Mustafa Issa Ziad	Chief of AFS Engineering Division
<b>Kuwait</b>	Mr. Hasan Abdul Reda Al-Attar	Communication Engineer
	Mr. Rashid Aladwani	CNS Engineer
	Mr. Mohamed Ben Abdallah Ben Seoud Al Rashdi	
<b>Lebanon</b>	Mr. Joseph Al . Soueidi	Chief of Telecom Monitoring
	Mr. Mohamad Abdullah Saad	Head of Telecommunication Equipments
<b>Oman</b>	Mr. Saleh Abdullah Al-Harthy	Director CNS
	Mr. Majid Said Al Shukaili	AMHS Engineer

State/ Org	Contact	Title
	Mrs. Vilina Eka Lestari	CNS Inspector
	Mr. Khaled Mohamed R. Eltanany	ANS/CNS Safety Inspector
<b>Saudi Arabia</b>	Mr. Ali Al-jabri	Aeronautical Telecom Ops. Officer
	Mr.Fahd Ali Almajed	Communication operator
	Mr. Mohammed Khalban	Aeronautical Telecom Ops. Officer.
	Mr. Ridha Dridi	ANS Technical and Safety Advisor
	Mr. Alaa Mohmmmed Alturki	Communication Navigation Engineering Manager
	Mr. Loay Beshawri	Automation\Surveillance Engineering Manager
	Mr. Ali Awad Al-Dahrialdahasi	Airspace Management & Planning – Aeronautical communication Supervisor
	Mr. Abdulaziz Aldahasi	Aeronautical Telecom Ops. Officer.
	Mr. Ali A. A. Al-Dhahiri	
<b>UAE</b>	Mr. Hamda Al Shehhi	
	Mr. Yousif Al Awadi	
	Mr. Hamad Al Marzooqi	Air Traffic Control Assistant
	Mr. Naseem M	Air Traffic Control Assistant
<b>Yemen</b>	Mr. Younis AL-Khader	Director General Air Navigation
<b>IFALPA</b>	Captain Souhaïel Dallel	EVP AFI/MID
<b>ICAO-MID</b>	Mrs. Muna Alnadaf	RO/CNS
	Mrs. Hoda Gabriel	Technical Assistant

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**MID ROC Plan**

<i>AMHS Plan for ROC in Jeddah and Bahrain</i>					
	<b>Task</b>	<b>Timeframe</b>	<b>Assigned to</b>	<b>Champion</b>	<b>Status</b>
<b><i>AMHS Intra-regional Trunk Connections</i></b>					
1	Establish Jeddah – Beirut IP Network.	Jul 2015	Saudi Lebanon	IM MS	Completed
2	Establish Bahrain – Beirut IP Network.	Feb 2016	Bahrain Lebanon	YH MS	Completed
3	Establish Cairo – Beirut IP Network.	July 2016	Egypt Lebanon	AF//MR MS	Completed
4	Establish Bahrain – Jeddah IP Network.	Mar 2016	Bahrain Saudi	IM YH	Completed
5	Perform the Interoperability test between Jeddah and Beirut COM Centers.	July 2015	Saudi Lebanon	IB MS	Completed
6	Perform the Interoperability test between Bahrain and Beirut COM Centers.	July 2016	Bahrain Lebanon	MS YH	Completed
7	Perform the Interoperability test between Cairo and Beirut COM Centers	July 2016	Egypt Lebanon	AF/TZ/MR MS/EK	Completed
8	Perform the Interoperability test between Bahrain and Jeddah COM Centers.	Q4 2021	Bahrain Saudi	YH IM	Planned
9	Perform the Pre-operational test between Jeddah and Beirut COM Centers.	July2015	Saudi Lebanon	IM MS	Completed
10	Perform the Pre-operational test between Bahrain and Beirut COM Centers.	July 2016	Bahrain Lebanon	YH MS	Completed
11	Perform the Pre-operational test between Cairo and Beirut COM Centers.	March 2017	Egypt Lebanon	AF/ /MR MS/EK	Completed
12	Perform the Pre-operational test between Bahrain and Saudi COM Centers.	2020	Bahrain Saudi	YH IM	Planned
13	Place the AMHS link into operation between Jeddah and Beirut COM centers, and updating the Routing tables.	July 2015	Saudi Lebanon MID AMC	IM MS/EK MN	Completed July, 2015
14	Place the AMHS link into operation between Bahrain and Beirut COM centers, and updating the Routing tables.	July 2016	Bahrain Lebanon MID AMC	YH MS/EK MN	Completed On 3/5/2016
15	Place the AMHS link into operation between Cairo and Beirut COM centers, and updating the Routing tables.	April 2017	Egypt Lebanon MID AMC	AF/TZ/MR MS/EK MN	completed

16	Evaluate the Trunks connections bandwidth and increase it if required between (Bahrain, Beirut, Cairo and Jeddah).	Q4 2021	Bahrain Beirut Cairo Jeddah	YH MS/EK AF/TZ IM	
<b><i>The AMHS Interconnection with EUR Region Depends on Nicosia and Athens</i></b>					
17	Establish Cairo – Tunis IP Network.	March2016 July 2016		AF/TZ/MR IB/MA	completed
18	Establish Nicosia – Beirut IP Network.	Dec 2016		MS/EK	Lebanon is ready to connect
19	Establish Nicosia – Jeddah IP Network.	Dec 2016		IM	Saudi Arabia is ready to connect
20	Establish Bahrain – Nicosia IP Network.	Dec 2016		YH	Bahrain is ready to connect
21	Establish Cairo – Athens IP Network.	Dec 2016		AF/TZ/MR	completed
22	Perform the Interoperability test between Cairo and Tunis COM Centers.	April 2016 August 2016		AF/ /MR IB/MA	Completed
23	Perform the pre operational test between Cairo and Tunis COM Centers.	Q3 2016		AF/ /MR IB/MA	Completed
24	Place the AMHS link into operation between Cairo and Tunis COM Centers, and updating the Routing tables.	Aug 2016		AF/ /MR IB/MA	completed
25	Perform the Interoperability test between Athens and Cairo COM Centers.	Mar 2017		AF/TZ/MR IB/MA	completed
26	Perform the Interoperability test between Bahrain and Nicosia COM Centers.	Q1 2017		YH	Bahrain is ready to connect
27	Perform the Interoperability test between Nicosia and Jeddah COM Centers.	Q1 2017		IM	Saudi Arabia is ready to connect
28	Perform the Interoperability test between Nicosia and Beirut COM Centers.	Q1 2017		MS/EK	Lebanon is ready to connect
29	Perform the Pre-operational test between Athens and Cairo COM Centers.	Mar 2017		AF/TZ/MR	Completed
30	Perform the Pre-operational test between Bahrain and Nicosia COM Centers.	Q1 2017		YH	Bahrain is ready to connect
31	Perform the Pre-operational test between Nicosia and Beirut COM Centers.	Q1 2017		MS/EK	Lebanon is ready to connect
32	Perform the Pre-operational test between Nicosia and Jeddah COM Centers.	Q1 2017		IM	Saudi Arabia is ready to connect
33	Place the AMHS link into operation between Athens and	Q1 2017		MIDAMC AF/ /MR	Completed

	Cairo COM Centers, and updating the Routing tables.				
34	Place the AMHS link into operation between Bahrain and Nicosia COM Centers, and updating the Routing tables.	Q1 2017		MID AMC YH	
35	Place the AMHS link into operation between Nicosia and Jeddah COM Centers, and updating the Routing tables.	Q1 2017		MID AMC IM	
36	Place the AMHS link into operation between Nicosia and Beirut COM Centers, and updating the Routing tables.	Q1 2017		MS/EK	
37	Evaluate the inter-region connections bandwidth and increase it if required.	Q1 2021		MID AMC	
38	Transition of all regional AFTN/CIDIN Connections to AMHS.	Q4 2020	All MID States		2 intra-regional CIDIN connections remaining (Bahrain – UAE) (Bahrain -Saudi Arabia)

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## **MID ATS MESSAGING MANAGEMENT CENTRE STEERING GROUP**

### **(MIDAMC STG)**

#### **1. TERMS OF REFERENCE**

##### **1.1 The Terms of Reference of the MIDAMC Steering are:**

- a) to promote the efficiency and safety of aeronautical fixed services in the MID Region through the operation and management, on a sound and efficient basis, of a permanent MID Regional ATS Messaging Management Center (MIDAMC);
- b) foster the implementation of the air traffic service message handling service in the MID Region through provision of the guidance materials and running facilitation tools, utilizing the MIDAMC;
- c) MIDAMC Steering Group will consist of a focal point from each participating MID State to represent the State and act as the Steering Group Member;
- d) MIDAMC Steering Group will be responsible for overall supervision, direction, evaluation of the MIDAMC project and will review/update the MIDAMC work plan whenever required; and
- e) provide regular progress reports to the CNS SG, ANSIG and MIDANPIRG concerning its work programme.

##### **1.2 In order to meet the Terms of Reference, the MIDAMC Steering Group shall:**

- a) develop the accreditation procedure for all users on the MIDAMC;
- b) develop and maintain guidance materials for MIDAMC users;
- c) discuss and identify solution for operational problems may be arising;
- d) provide support/guidance to States for AMHS Implementation, and monitor the AMHS activities;
- e) assist and encourage States to conduct trial on implementation of the ATS extended services, and identify operational requirements;
- f) identify the need for any enhancement for the MIDAMC and prepare functional and technical specifications, and define its financial implications;
- g) follow-up on ICAO standards and recommendations on the ATS messaging management;

- h) define future liabilities and new participating States and ANSPs; and
- i) follow-up and review the work of similar groups in other ICAO Regions.

**2. COMPOSITION**

- a) ICAO MID Regional Office;
- b) members appointed by the MIDANPIRG Member States; and
- c) other representatives, who could contribute to the activity of the Steering Group, could be invited to participate as observers, when required.

**3. WORKING ARRANGEMENTS**

3.1 The Chairperson, in close co-operation with the Secretary, shall make all necessary arrangements for the most efficient working of the Study Group. The Study Group shall at all times conduct its activities in the most efficient manner possible with a minimum of formality and paperwork (paperless meetings). Permanent contact shall be maintained between the Chairperson, Secretary and Members of the Study Group to advance the work. Best advantage should be taken of modern communications facilities, particularly video-conferencing (Virtual Meetings) and e-mails.

3.2 Face-to-face meetings will be conducted when it is necessary to do so.

- END -