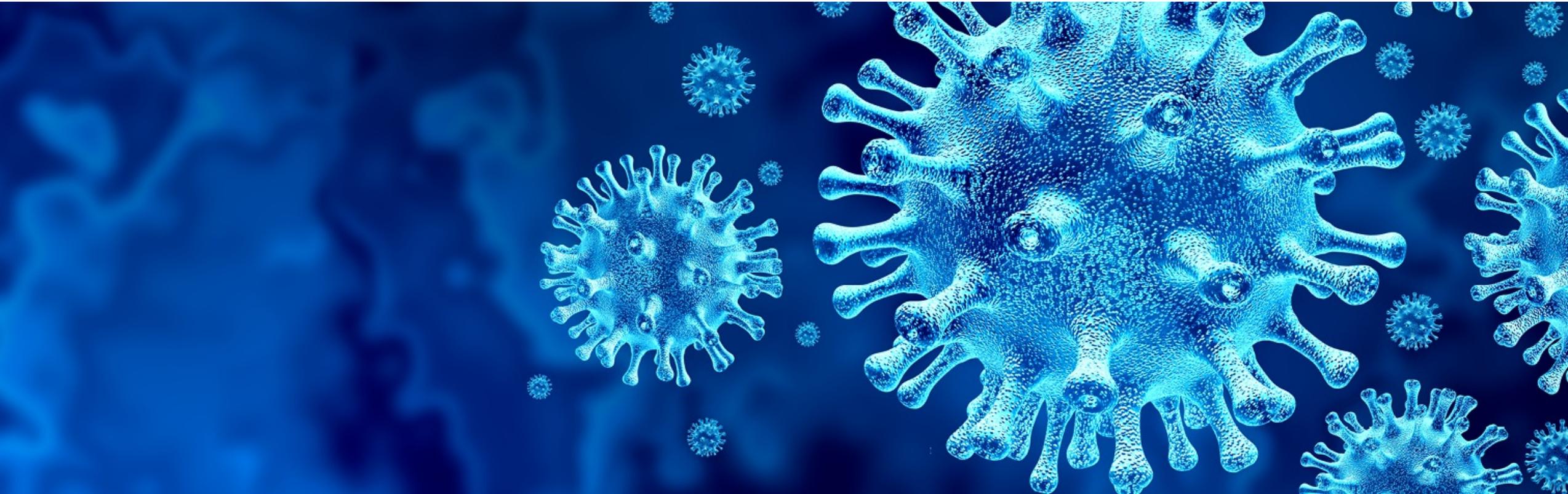
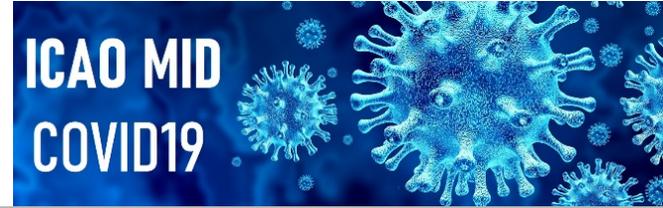




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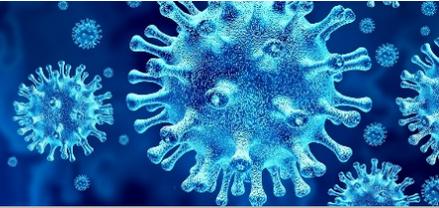
**NINTH MEETING OF THE METEOROLOGY
SUB-GROUP (MET SG/9)
7 - 9 December 2020**





MET SG/9

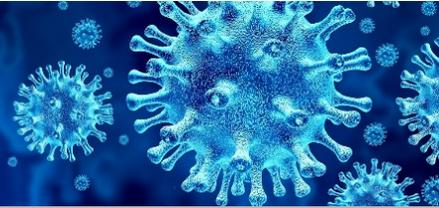
Agenda Item 4: MET Planning and Implementation issues – Review of requirements for OPMET data and status of implementation of a Regional OPMET Centre (ROC) Jeddah and back-up ROC Bahrain as well as IWXXM Implementation



OPMET Data Exchange – Status on Implementation of ROC and IWXXM History & Status

-  MIDANPIRG/14 Conclusion 14/30 called for Saudi Arabia in coordination with ICAO to establish a MID Regional OPMET Centre (ROC) by the first half of 2015 to improve the regional and inter-regional OPMET efficiency. In addition, Bahrain in coordination with ICAO would establish a back-up Regional OPMET Centre (ROC). The MID States were encouraged to continue cooperation in exchange of OPMET data in the MID Region.

-  Current status on implementation regarding the OPMET exchange scheme necessary for States in supporting the MID Regional OPMET exchange hub as provided at **Appendix 5A**
 -  **Nine (9) States (Iraq, Lebanon, Libya, Jordan, Oman, Qatar, Saudi Arabia, Sudan and United Arab Emirates) have fully implemented the appropriate OPMET exchange scheme.**
 -  **Four (4) States (Bahrain, Egypt, Iran and Kuwait) have partially implemented this scheme**
 -  **Two (2) States (Syria and Yemen) have not started implementation in this regard**



Main Implementation Challenge

- ✈️ Coordination needed in determining what OPMET data was needed from ROC Jeddah to meet the users' needs.
 - ✈️ Requires knowledge of international flight destinations as well as alternate aerodromes along the routes for those operators' operations within their respective State. The ROCs need this information in order to provide the States with relevant OPMET data from the MID Region and other Regions.
- ✈️ MIDANPIRG/17 strongly encouraged States to complete implementation in this regard

IWXXM Implementation

- ✈️ Current **achievements** identified in the MET/MIDAMC (MID ATS Messaging Management Centre) Teleconference on IWXXM implementation held on 9 June 2020
 - ✈️ ROC Jeddah expected to implement extended AMHS between MET-Switch/COM-Centre by the end of Q3-2020
 - ✈️ Information exchange on IWXXM implementation between ROC Vienna and ROC Jeddah

IWXXM Implementation

- ✈️ Current **challenges** identified in the MET/MIDAMC (MID ATS Messaging Management Centre) Teleconference on IWXXM implementation held on 9 June 2020
 - ✈️ Some States will implement extended AMHS only in 2021 noting OPMET data (METAR, SPECI, TAF, SIGMET, AIRMET, Space Weather Advisory Information, Tropical Cyclone Advisory, Volcanic Ash Advisory) in IWXXM became a requirement as of 5 November 2020
 - ✈️ These data are sent in both IWXXM and TAC for several years to come
 - ✈️ Some States will have to purchase/install MET-Switches with IWXXM capabilities
 - ✈️ Some States have basic infrastructure deficiencies
 - ✈️ AMHS link between Nicosia/Jeddah & Bahrain (Q4-2020) is not yet ready
- ✈️ MSG/7 strongly encouraged States to complete implementation in this regard

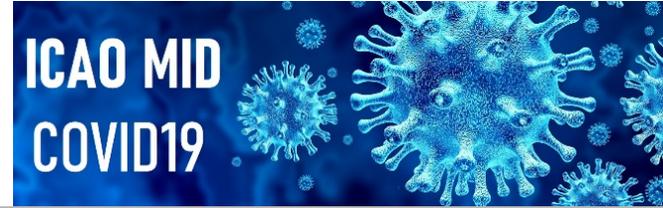
IWXXM Implementation

- ✈ The following guidance material may assist in implementation
 - ✈ MID Doc 012 – *Guidance for the Implementation of OPMET Data Exchange using IWXXM*
 - ✈ ROC/IWXXM Implementation Workshop (Cairo, Egypt, 12-13 November 2017)
(<https://www.icao.int/MID/Pages/Meetings/meetings2017.aspx>)
 - ✈ MID AMHS Plan

- ✈ MSG/7 noted that if IWXXM is not implemented by 5 November 2020, a difference with Annex 3 needs to be filed by concerned States

IWXXM Implementation

-  Does ROC Jeddah plan to serve as translation centre for those States not yet in a position to implement IWXXM?
 -  The EUR Region has a template related to translation agreements that could be used
 -  This service is not intended to last indefinitely
 -  Could coordinate with ROC Vienna on what is needed to provide this service



Action by the meeting

The meeting is invited to:

- Urge States, that have not yet done so, to implement the OPMET data exchange scheme in support to the implementation of ROC Jeddah and back-up ROC Bahrain;
- Urge ROC Jeddah and back-up ROC Bahrain to join the CRV Project in order to enable the exchange of OPMET information in IWXXM format;
- Encourage States to continue their efforts related to IWXXM implementation noting the current guidance material available; and
- Encourage ROC Jeddah and back-up ROC Bahrain to serve as IWXXM translation centres.



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THANK YOU

APPENDIX A
MID ROC implementation plan

Following is a list of tasks to be fulfilled to progress on the transition.

No.	Task	Responsible	Prerequisite	Start Date	Estim. Time	Finish at
1	Implement Collective Addresses	ROC Jeddah	-	24.10.2014	1week	01.01.2015
2	Transition Bahrain	ROC Jeddah	-	27.10.2014	1 month	Part1 finished 15.1.2015, Part2, Pending
3	Transition Process with Kuwait	ROC Jeddah	-	06.01.2014	(Good progress, expected finish time 1 st May 2019)	Part1, OK, 05/02/2015, Part2 Pending
4	Transition Process with Qatar	ROC Jeddah	-	06.01.2015	1month	Transition Part1 OK, 13/04/2015 Part2, OK, 20/04/2015
5	Transition Process with Oman	ROC Jeddah	-	06.01.2015	1 months	Part1, OK, 22/02/2015, Part2, OK, 01/05/2015
6	Transition Process with UAE	ROC Jeddah	-	06.01.2015	1 month	Part1, OK, 25.2.2015, Part2, OK, 15/05/2015
7	Send Saudi Arabian Compilations to BROCC Bahrain (OBZZMMID)	Meteorological Communications Centre (MCC) Jeddah	Task No. 1 has to be finished	02.11.2014	1 day	01/03/2015
8	Continue and Finish Transition Sudan	ROC Jeddah	-	01.09.2014	11 months	Part1 and Part2, OK,01/08/2015
9	Develop Backup Procedure	ROC Jeddah & BROCC Bahrain		23.10.2016	Expected finish date, Thursday 25 th July 2019	Final draft in process

No.	Task	Responsible	Prerequisite	Start Date	Estim. Time	Finish at
10	Develop Regional HB on OPMET Data Exchange	ROC Jeddah & BROC Bahrain		24.03.2015		In Process
11	Develop first ideas for Training for operators	ROC Vienna		27.10.2014	2 weeks	Done
12	Finalize Training for operators	ROC Jeddah & BROC Bahrain & ROC Vienna		10.11.2014	April 2016	Training Done, 16-27 October 2016, through ROC Vienna
13	Route GULF reports to ROC Jeddah	ROC Jeddah		27.10.2014	1 month	01/02/2015
14	Transition Process for Iran	ROC Jeddah		16.02.2015	2 months	Part1,OK, 25/11/2015 Part2, pending
15	Transition Process for Jordan	ROC Jeddah				Jordan, transition part1 OK, 19/04/2015, transition Part2 OK, 20/05/2015
16	Transition Process for Egypt	ROC Jeddah				Egypt, transition part1 OK, 17/05/2015, transition part2 Pending
17	Transition Process Iraq	ROC Jeddah		16.04.2015	2 months	Iraq, transition part1 OK (last update 28/8/2015), transition Part2 OK 2/10/2016

No.	Task	Responsible	Prerequisite	Start Date	Estim. Time	Finish at
18	Transition Process Syria	ROC Jeddah				Syria (no contact information yet)
19	Transition Process Lebanon	ROC Jeddah				Transition part1&2 ,OK, 13/12/2015
20	Transition Process Libya	ROC Jeddah				Transition part1 OK, 25/03/2015, Transition part2 OK, 17/05/2015
21	Transition Process Yemen	ROC Jeddah				No contact

Comments:

- 1- **Finish column in this attachment is filled based on what filled by states in the transition form, however, we noticed some discrepancies between some Mid- States transition forms and routing table provided by ROC Vienna.**
- 2- **Some Mid-States still received OPMET data from outside ROC Jeddah, however, ROC Jeddah still working hard to contact OPMET data source to stop sending data to Mid-state directly with coordination with Mid-state.**