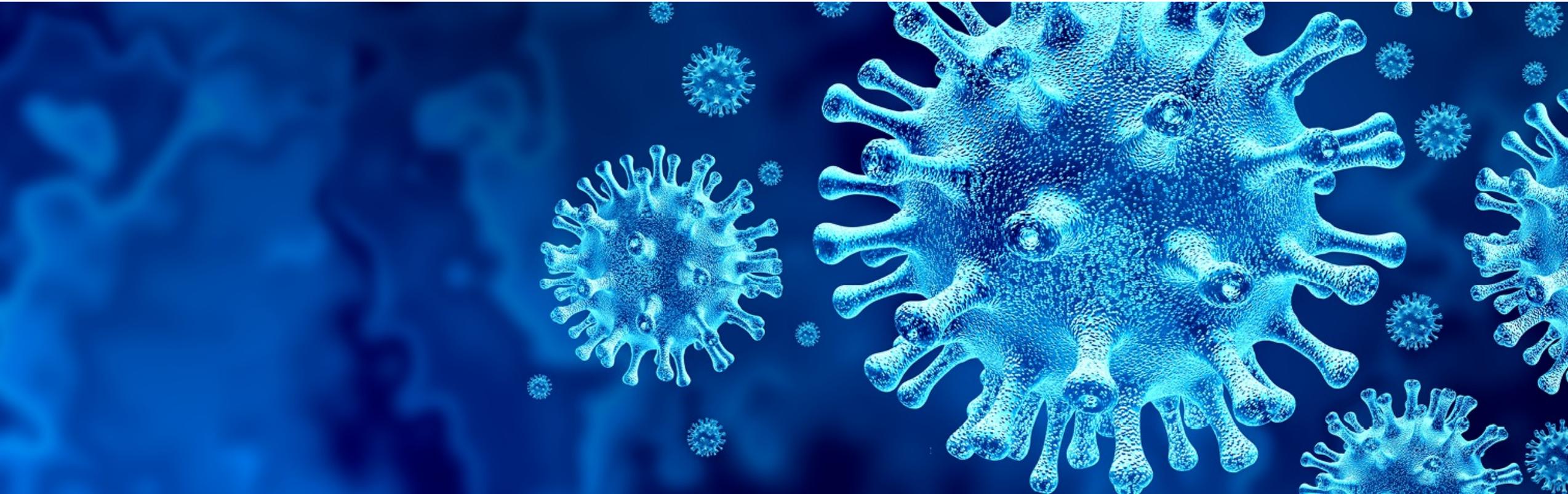


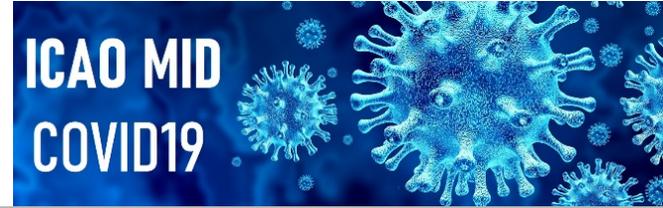


ICAO MID

30 November 2020

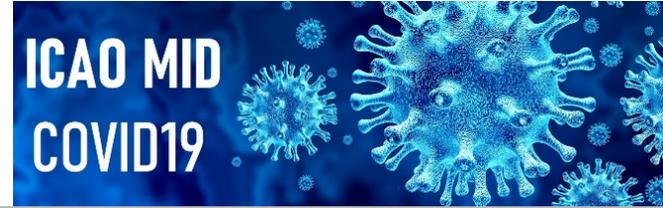
# MIDAMC STG/6 Meeting





## Agenda Item 3

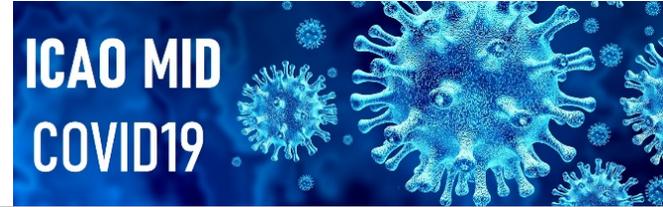
# AFTN/CIDIN/AMHS Routing Directory



## CONCLUSION 17/29 AFTN/CIDIN/AMHS ROUTING TABLES

That, in order to eliminate the messages loop problem within the MID Region:

- a) States be urged to keep the AFTN/CIDIN/AMHS Routing Tables; and
- a) ICAO publish the updated version of the Routing Table for AFTN/CIDIN/AMHS in the MID Region by 1 July 2019.



# Routing Directory for AFTN/CIDIN Centres in the MID Region, version 5.0 2011



Adobe Acrobat Document



Microsoft Excel 97-2003 Worksheet

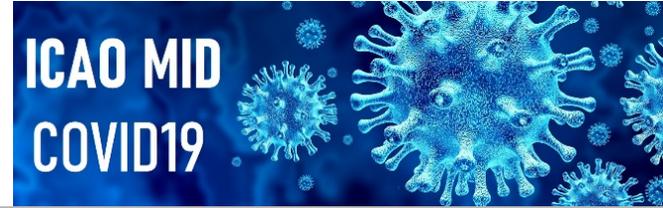
## AMC entered preliminary Routing Tables for the MID Region

Preliminary Routing Proposal

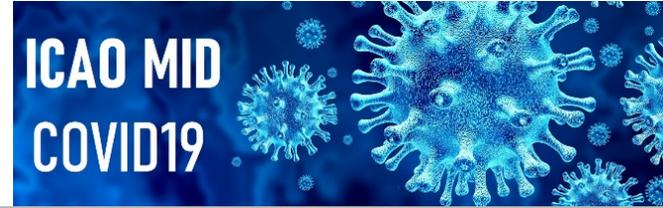


Regional Routing Tables

MID

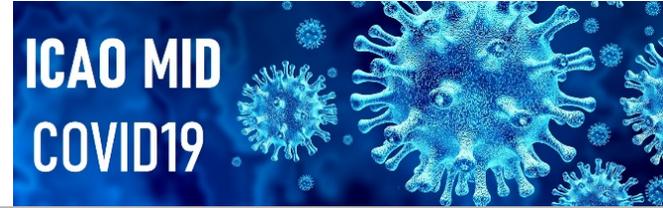


***The meeting is invited to review and update the AFTN/CIDIN/AMHS Routing directory to be presented to the MIDANPIRG/18 for endorsement, and to be published on AMC.***



## Agenda Item 3

# Update on implementation of ATS extended Services

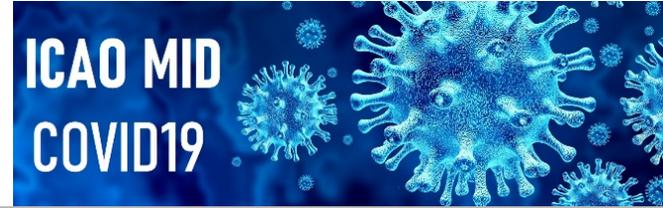


## IWXXM Implementation

### ICAO provisions related to IWXXM implementation

In accordance to Amendment 78 to Annex 3 applicable 5 November 2020, the following MET related data shall be disseminated in IWXXM GML form in addition to Traditional Alphanumeric Code (TAC) form:

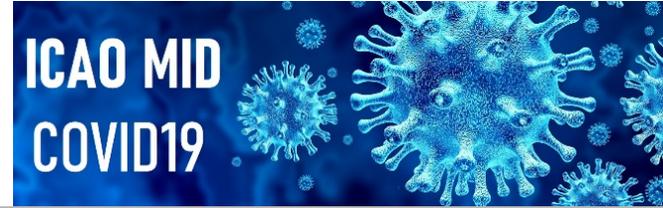
- METAR and SPECI;
- TAF;
- SIGMET and AIRMET;
- Tropical Cyclone Advisory;
- Volcanic Ash Advisory; and
- Space Weather Advisory Information.



## IWXXM Implementation readiness

### IWXXM implementation survey

- In order to gather and analyse information pertaining to States' action plans for IWXXM implementation in the MID Region and present the results of the survey to MIDANPIRG/17 (MET SG Draft Conclusion 7/1 refers).
- Survey developed and distributed to States on 10 April 2018 (State letter Ref.: ME3/2.3 – 18/114).
- Replies have been received from six (6) States (Egypt, Jordan, Libya, Oman, Saudi Arabia and Sudan).



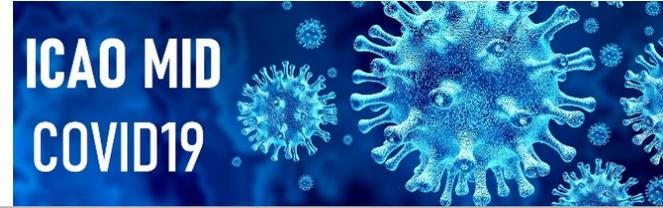
## Communication to enable IWXXM

Extended AMHS implementation to enable iWXXM implementation

- MIDANPIRG/17 meeting reviewed and updated the AMHS plan of the MID ROC connectivity plan.
- The implementation of extended AMHS “FTBP” will enable the exchange of MET messages in iWXXM format.
- Most of the AMHS systems in the MID Region are capable to run the extended services and in particular the File Transfer Body Part (FTBP). The current communication systems used (AMHS) have the required capabilities to meet the performance requirements of exchanging XML-based messages (IWXXM, FIXM, and AIXM) in the MID Region.

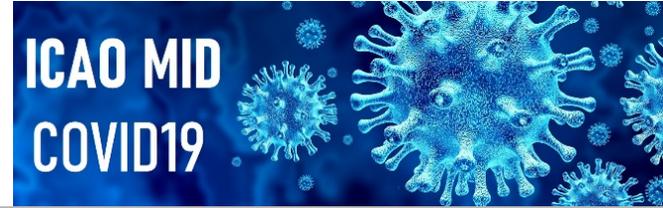


Microsoft Word  
Document

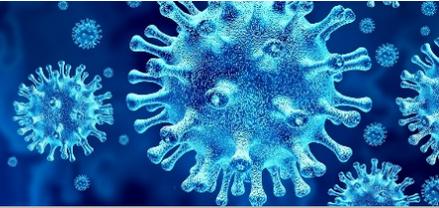


## States' readiness

- MET/MIDAMC teleconference on IWXXM implementation was convened on 9 June 2020.
- The meeting followed up States' readiness to implement IWXXM at application and communication levels.
- MET Vienna shared their experience with the meeting and highlighted the following points and recommended a bandwidth of at least 256kB, even better would be 512kB.
- It was noted that the exchange of IWXXM-data test with EUROPE is only possible once the communication links between the MID-region and EUR gateways (Nicosia) have been upgraded to AMHS (planned in Q4/2020).

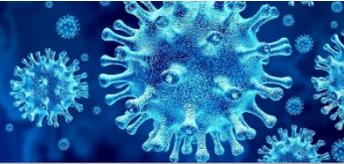


- IWXXM implementation **achievements**
  - ROC Jeddah implemented extended AMHS between MET-Switch/COM-Centre end of July 2020 (tbc)
  - Information exchange on IWXXM implementation between ROC Vienna and ROC Jeddah
- IWXXM implementation **challenges**
  - Some States will implement extended AMHS only in 2021
  - Some States still have to purchase/install MET-Switches with IWXXM capabilities
  - Some States have basic infrastructure deficiencies
  - AMHS link between Nicosia/Jeddah & Bahrain Q4/2020



***Actions by the meeting:***

***The meeting is invited to provide update on MID region ROC plan and ATS extended Services capabilities***



**Thank you for your Attention**