



Fourth Middle East Director General
of Civil Aviation

DGCA-MID\4

Virtual Meeting

3 June 2021



Meeting Logistics

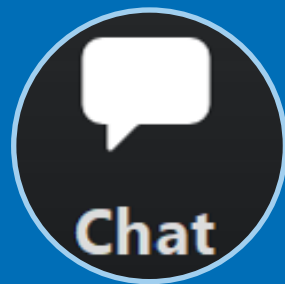
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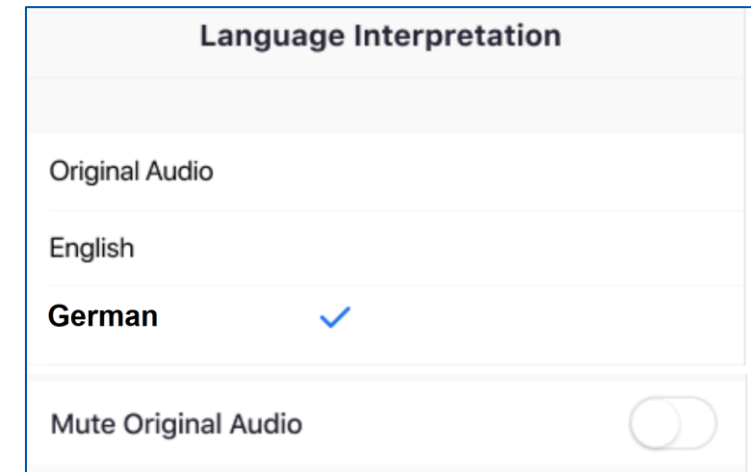
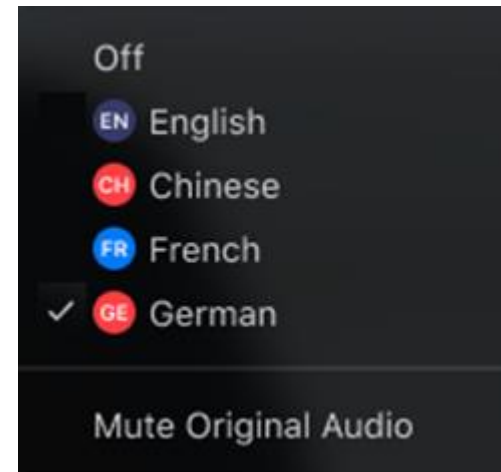


**USE "RAISE HAND"
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MEETING
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**KINDLY NOTE THAT
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Click the language **German** for **Arabic** Interpretation

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ICAO MID

UNITING AVIATION

BRINGING AIR TRANSPORT PARTNERS TOGETHER

Fourth Middle East Director General
of Civil Aviation

DGCA-MID/4

Virtual Meeting
3 June 2021



Welcome and Introduction

Mr. Mohamed Smaoui
ICAO MID Acting Regional Director

Provisional Agenda

- AI 1 Welcome and Introduction
- AI 2 Global developments related to COVID-19
- AI 3 Regional developments related to COVID-19
- AI 4 Round Table Discussion
- AI 5 Priorities and 2021 Work Programme
- AI 6 AOB and Closing Remarks



Dr. Fang Liu ICAO Secretary General

Opening Remarks



Global Developments related to COVID-19





CART

COUNCIL AVIATION RECOVERY TASK FORCE

REPORT



Outcomes of CART Phase III

CART Phase III (January to March 2021)

Mandate

- Provide recommendations and guidance to States to support their endeavors when restarting and recovering the aviation industry and to help them cope with the significant fallouts caused by the prolonged duration of the crisis.
- It is also important to note the positive developments brought by the growing medical and scientific evidence on vaccination and by technological advancements

CART Phase III Outcomes



**PHASE III
HIGH-LEVEL
COVER
DOCUMENT**



3rd Edition



**Doc 10152
2nd Edition**

CART Phase III Recommendations

The Phase III HLCD modifies 2 existing recommendations and introduces 6 additional complementary recommendations:

Recommendation 12 (revised) – Aviation safety-related measures

Recommendation 14 (revised) – Public Health Corridors (PHCs)

Recommendation 15 – Safe transport of Cargo

Recommendation 16 – Facilitating air cargo movement

Recommendation 17 – Testing certificates

Recommendations 18 and 19 – Vaccinations

Recommendation 20 – Communication

3rd Edition of TOGD- Updates

Background

- Economic impact

Document updates

- Face masks
- Testing protocols and certificate standardization
- Vaccination considerations
- Public Health Corridors
- Modules
- PHC Form 1 (Crew status)
- PHC Form 5 (Testing results dataset)
- Masks poster



2nd Edition – Manual on Testing and Cross Border Risk Management Measures

Risk-based & evidence-based approach to support States in implementing a multi-layer risk management strategy.

First edition published Nov 2020; second edition published March 2021

Updated acronyms and definitions

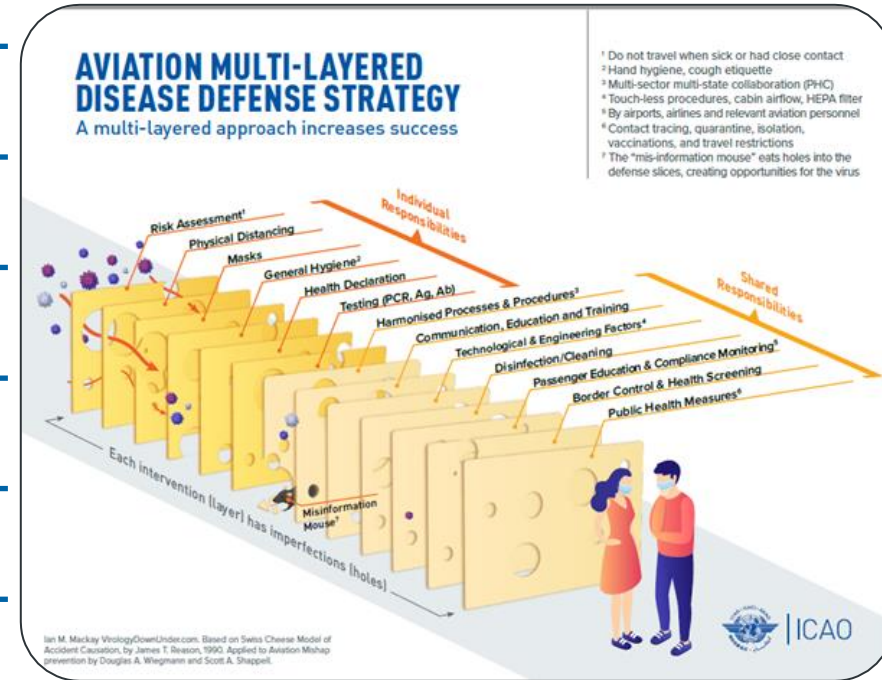
Additional guidance on the aviation multi-layer risk mitigation framework

Testing protocols updated in view of latest scientific knowledge, with additional guidance on standardization and validation of testing certificates

New section on vaccination concepts, its potential role in the multi-layered risk management strategy and vaccination protocols for aviation workers

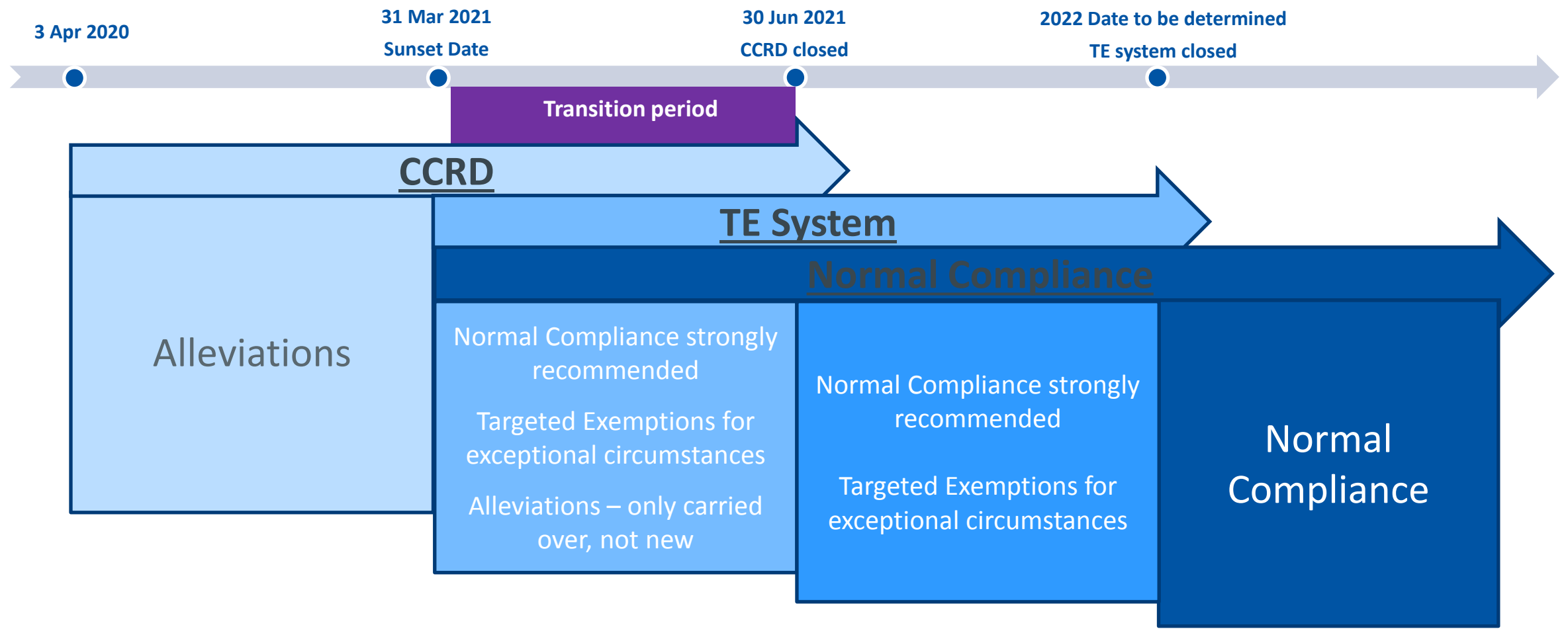
Expanded section on Public Health Corridors (PHC)

Living document - regular updates (evolving technology & evidence)



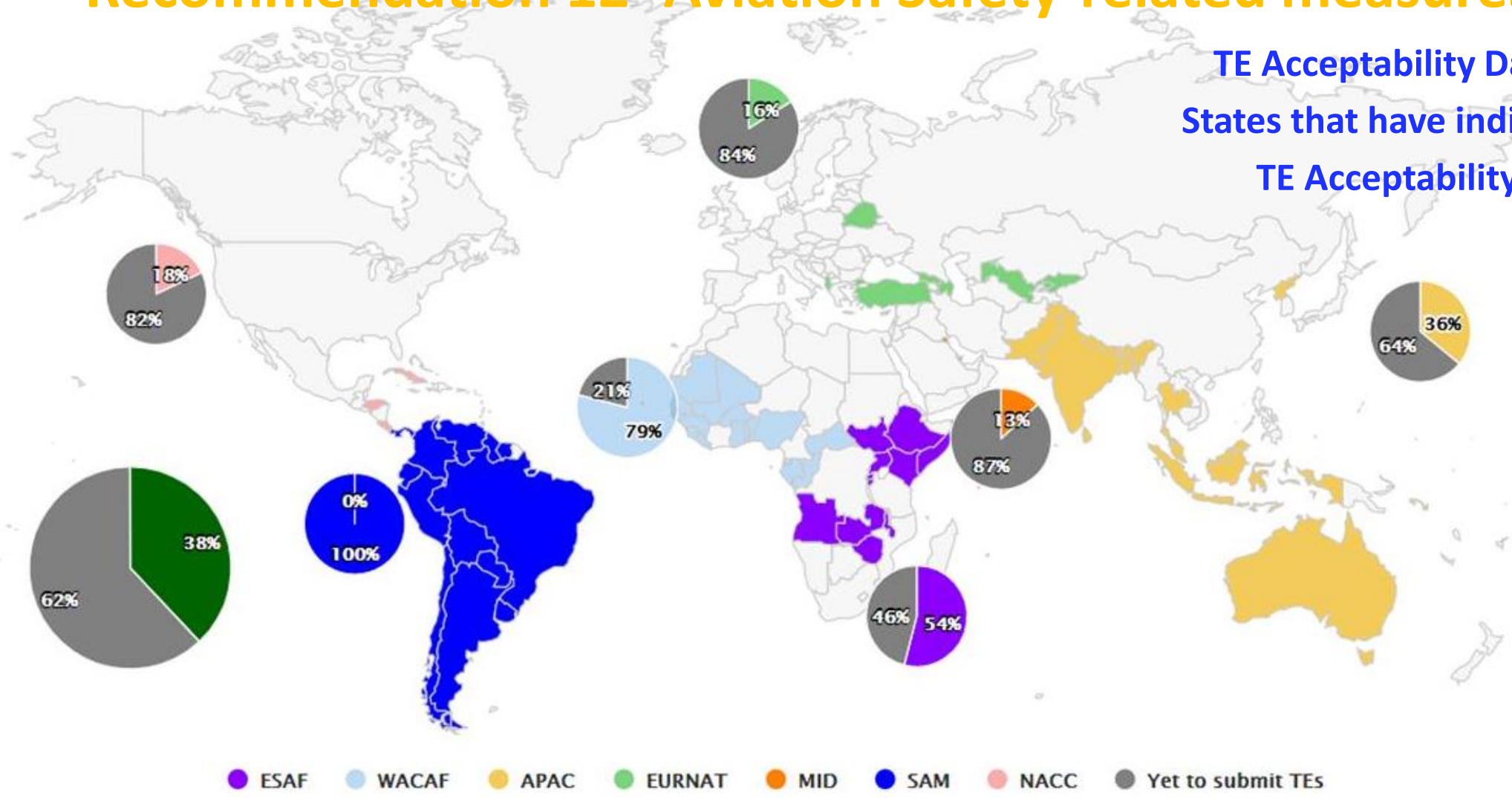
Recommendation 12- Aviation safety-related measures

Transitioning from CCRD to TEs



Recommendation 12- Aviation Safety-related measures

TE Acceptability Dashboard
 States that have indicated their
 TE Acceptability Status



- ESAF
- WACAF
- APAC
- EURNAT
- MID
- SAM
- NACC
- Yet to submit TEs

Recommendation 15- Safe Transport of Cargo

Annex 18 Standard 2.2.1

- States shall take necessary measures to achieve compliance with any amendment to the Technical Instructions

Recommendation 15

- To facilitate the transport of Covid-19 vaccines and pharmaceuticals
- To provide for a safe, sanitary operating environment for passengers and crew

Vaccine classification

Refrigerants – dry ice (hazard and risk)

Data loggers and cargo tracking devices containing lithium batteries

Operator risk assessment of goods in cargo compartment

Operator exception for alcohol-based sanitizers and cleaning products

Recommendation 16

CART Key Principle #3 – Ensure essential connectivity

States and industry should maintain essential connectivity and global supply chains, especially to remote regions, isolated islands and other vulnerable States.

Recommendation 16 – Facilitating air cargo movement

Member States are encouraged to consider the temporary lifting of restrictions to air cargo operations, including but not limited to granting extra-bilateral rights, in particular for all-cargo services, to foreign airlines to facilitate the transportation of essential goods, supplies and COVID-19 vaccines.

Recommendation 16- Facilitating Air Cargo Movement

- Air cargo operations and the broader supply chain have shown much resiliency, yet instability remains one of the principal problems
- Grant of traffic rights, such as the so-called “7th freedom”, for all-cargo operations will help re-establish global air connectivity for cargo for both transport of vaccines and economic recovery in COVID-19 times
- Detailed options and examples are found in recently released *Guidance on Economic and Financial Measures to Mitigate the Impact of the Coronavirus Outbreak on Aviation*, § 4.2.4



New from ICAO – *Priority Brief: Air Cargo*

Four considerations on the supply chain, its criticality for the emerging e-commerce driven marketplace, the needs for both regulatory evolution and digitalization

Five recommendations include those for digitalization and economic regulatory measures

Find it at:

https://www.icao.int/sustainability/Documents/ICAO-PRIORITY-BRIEF_Air-Cargo_2021.04.19.FINAL.pdf

We welcome your feedback



Next Steps for States

Under the leadership of ACAO, States can:

- **Engage stakeholders to understand current needs**, especially concerning connectivity to transport vaccines, PPE and other medical necessities required to address COVID-19, including:
 - Carriers
 - Public health authorities
 - Medical suppliers
- **Work with ICAO (HQ and RO) and regional organizations** to assess need determine which approach will best provide the connectivity that air cargo needs to transport vaccines and contribute to regional economic recovery
- **Participate in the 6 July regional webinar** dedicated to implementing CART Recommendation 16 so they can share relevant ideas, challenges, and experiences



Recommendation 17 – Testing certificates

- Member States should implement testing certificates based on the protocol, minimum dataset and implementation approaches outlined in the *Manual on Testing and Cross-Border Risk Management Measures* (Doc 10152) to facilitate air travel.
- States are encouraged to request evidence of testing that is secure, trustworthy, verifiable, convenient to use, compliant with data protection legislation and internationally/globally interoperable.
- Existing solutions should be considered and could incorporate a Visible Digital Seal. This may be applicable to vaccination certificates.

Recommendation 17 – Testing certificates

Recommendation 17 – Testing certificates



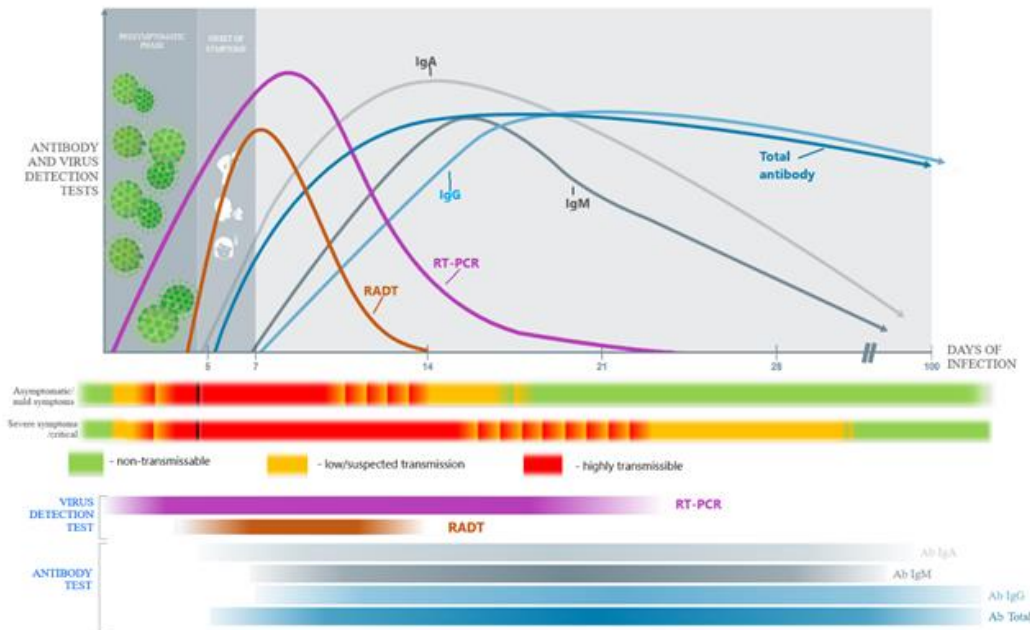
Member States should implement testing certificates based on the protocol, minimum dataset and implementation approaches outlined in the *Manual on Testing and Cross-Border Risk Management Measures* (Doc 10152)

Recommendation 13 – Testing

*While testing is not universally recommended by public health authorities as a routine health screening method, States contemplating testing in their COVID-19 risk management strategy should apply the approach outlined in the **ICAO Testing and Cross-Border Risk Management Measures Manual***

Recommendation 17 – Testing certificates

- Updated protocols for testing
- Minimum dataset









- Personal information of test subject:
 - full name (surname, given name);
 - date of birth (YYYYMMDD);
 - ID document type²¹ (mandatory); and
 - ID document number (mandatory);
- Service provider:
 - name of testing facility or service provider (mandatory);
 - country of test (mandatory); and
 - contact details (mandatory);
- date and time of test and report:
 - date and time of specimen collection (mandatory); and
 - date and time of report issuance (mandatory);
- test result:
 - type of test conducted: molecular (PCR); molecular (other); antigen; antibody (type) (mandatory);
 - result of test (normal/abnormal or positive/negative) (mandatory); and
 - sampling method (nasopharyngeal, oropharyngeal, saliva, blood, other (optional));
- optional data field: Issued at the discretion of the issuing authority.

Recommendation 17

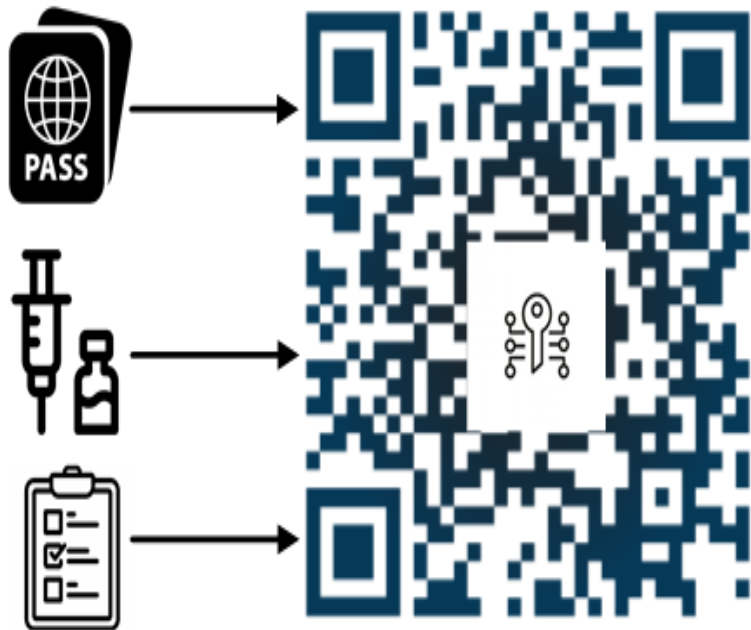
Testing certificates



States are encouraged to request evidence of testing that is secure, trustworthy, verifiable, convenient to use, compliant with data protection legislation and internationally/globally interoperable

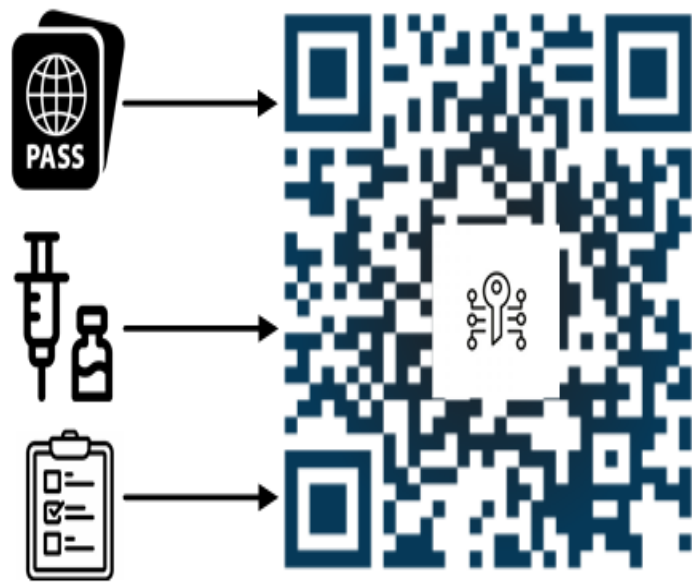
-  Could the data have been altered after issuance? (integrity)
-  Can issuance by a trusted authority be confirmed? (authenticity)
-  Are my systems capable of verifying integrity and authenticity?
-  Will the certificate be efficiently read within existing processes and infrastructure?
-  Compliant with legislation in State of use and State of nationality of the traveller
-  Will cross-border verification be possible?







The ICAO Visible Digital Seal



- Encodes minimum dataset for tests
- Machine readable using standard barcode scanners (e.g. at bag drop, boarding gates)
- Digitally signed (optional for test certificates), using the same infrastructure as >145 ePassport issuing States

Recommendation 17 Testing certificates

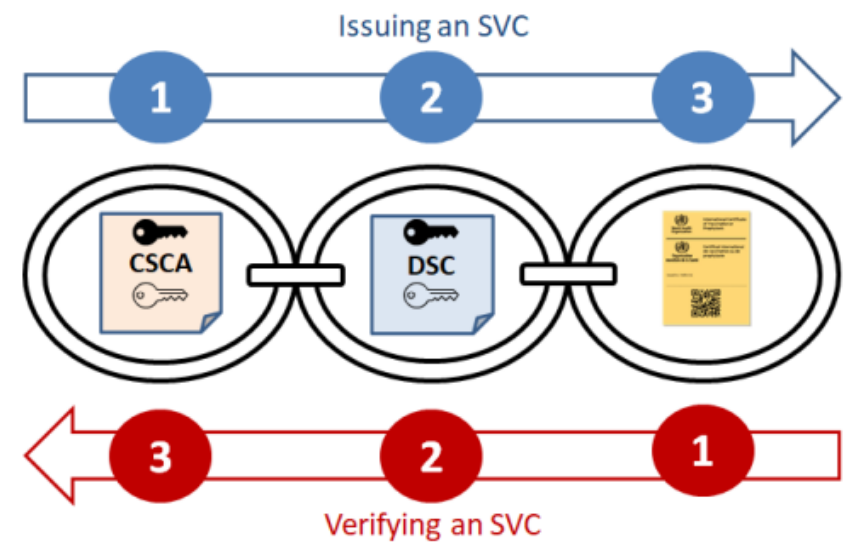
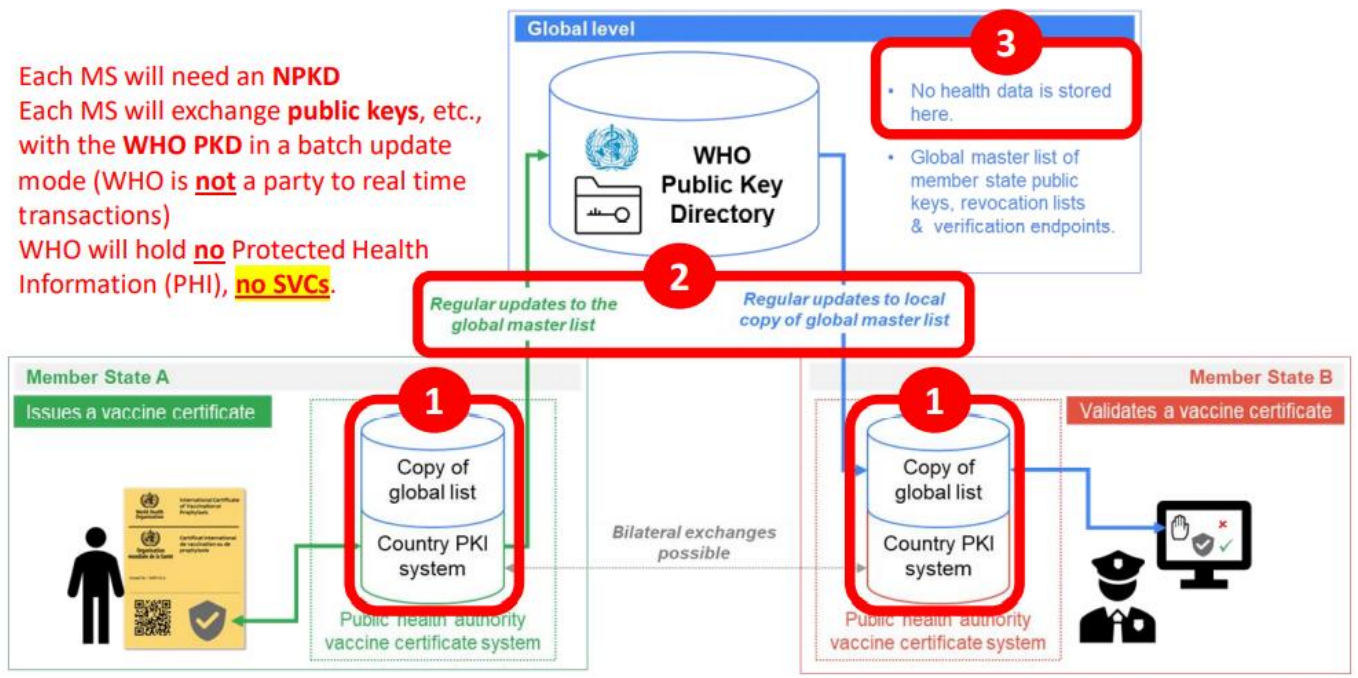


-  Digital signature prevents tampering post-issuance
-  Only government-approved entities can digitally sign the VDS
-  Read using existing scanners in airports and at borders, without modification
-  Instantaneous data capture, criteria fulfilment check by machine
-  Data held by traveller, consent-based sharing, no central data storage
-  Leverages the existing capabilities used for ePassport verification globally

VDS for vaccination certificates?

The ICAO VDS is fully aligned with draft specifications of the WHO for its Smart Vaccination Certificate

1. Each MS will need an **NPKD**
2. Each MS will exchange **public keys**, etc., with the **WHO PKD** in a batch update mode (WHO is **not** a party to real time transactions)
3. WHO will hold **no** Protected Health Information (PHI), **no SVCs**.



Public Health Corridors (PHC) iPack and App

- New chapter included in Doc 10152
- Includes principles, elements and implementation of a PHC
- PHC iPack content completed
- Includes training, checklists, workshop and use of the PHC App
- Communication and collaboration between all stakeholders (Rec 20)
- Sharing of iPacks – bilateral/ regional basis
- PHC could be used for all modes of transport
- Ready for deployment in June

Total Projects Created **76**
+1 in last 7 days

Projects modified in last 7 days **1**

Load a project (or start from scratch):

New

[Print Project](#) [Print Agreement](#) [Delete project](#)

The project will be auto-saved as (change to any name):

New project

Select a State or Region:

APAC

[Add State\(s\)](#)

[Clear all](#)

Public Health Corridor

Support for States

Active
iPack Titles

- Aviation Safety – Oman (completed)
- Aviation Security- Egypt and Libya (Planned)
- Aviation Facilitation (TBC)
- Aerodrome Restart (TBC)

Coming
soon
iPack Titles

- Establishing a Public Health Corridor
- Developing a National Aviation Safety Plan
- Establishing and maintaining a cargo safety programme
- Improving the quality of NOTAM for safe flight operations

iPack Deployment per Region

Completed, Ongoing and Planned
 46 deployments, benefiting 49 States
 (* without PHC deployments, States to be confirmed)



- Legend:
- Aviation Safety Risk Management related to COVID-19 for CAAs
 - Strengthening National Air Transport Facilitation Committees for the Restart and the Resilience of Civil Aviation
 - Strengthening Aviation Security during the COVID-19 Pandemic
 - Aerodrome Restart
 - Establishing Public Health Corridors

Access to iPack Portal to Streamline Deployment



For more information: www.icao.int/iPack , iPack@icao.int

Further Considerations

Incorporating civil aviation component into national risk management strategies

Monitoring and adapting to post-pandemic economies and society

Using the lessons learned to build a more resilient international civil aviation system



High Level COVID-19 Conference

Theme

- One Vision for Aviation Recovery, Resilience and Sustainability beyond the Global Pandemic

Aim

- Reach a global consensus on a multilateral approach, supported by political will and commitments of States, to enable the safe and efficient recovery of aviation from the COVID-19 crisis, and to build a foundation to strengthen resilience in aviation and make it more sustainable in the future

Dates

- 12 to 22 October 2021 (Virtual or Hybrid)

High Level COVID-19 Conference

Structure

Plenary

Safety and
Facilitation
Technical
Streams

Declaration



Task Force on Health Issues Outbreaks in Aviation TF-HIOA

15 April 2020, the ATC approved the Terms of Reference of the Task Force Air Transport Committee (ATC) (C-DEC 219/3, para 4, refers)

ICAO / ST 12 May 2020 Ref EC 6/3 – 20 / 58

53 States nominated 53 Subject Matter Experts (SMEs), and 9 international organizations nominated 9 SMEs

ICAO-MID (Bahrain , Egypt , Jordan , KSA , Qatar , Sudan , UAE , Yemen)

International Organization (ACI , AsMA , NATS , EASA , IATA , IFALPA , RAA, WCO , GES)

Terms of Reference

Scope of Work

Discussions, Outcomes and Deliverables

Planned Timelines



Q&A



Global developments related to COVID-19



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**Break
(10 Min)**

