

INTERNATIONAL CIVIL AVIATION ORGANIZATION

Western and Central Africa Regional Office



SUMMARY REPORT OF THE ICAO-WHO TRAINING ON THE PREVENTION AND MANAGEMENT OF PUBLIC HEALTH EVENTS IN THE CIVIL AVIATION SECTOR FOR CIVIL AVIATION AND HEALTH PERSONNEL

(9 to 13 March 2015, ICAO Regional Office, Dakar, Senegal)

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1. OPENING/CLOSING

1.1 The training was opened by Mr. Magueye Maramé NDAO, Director General of the Civil Aviation Authority of Senegal (ANACIM), in the presence of Mr. Mam Sait Jallow, ICAO- Regional Director, Dr Anthony Evans, ICAO - Chief Aviation Medicine Section and CAPSCA Programme Manager, Dr. Daniel Lins Menucci, WHO - Team Leader Ports, Airports & Ground Crossings and Mrs. Iyabo Sosina, AFCAC – Secretary General.

1.2 Mr. Ousman Manjang, on behalf of Mr. Mam Sait Jallow, ICAO - Regional Director, attended the closing ceremony.

2. HISTORY

2.1 The training was held from 9 to 13 March 2015 in the conference room of the ICAO Regional Office in Dakar, Senegal. Dr Jarnail Singh moderated the event and individual sessions were facilitated by :

WHO	Daniel Lins Menucci	Technical Officer/Team Leader Ports, Airports & Ground Crossings, WHO - Lyon
	Kambire Chantal Diarra	Disease Prevention and Control Officer, WHO- Burkina Faso
ICAO	Anthony Evans	Chief Aviation Medicine Section, CAPSCA Programme Manager
	Arthemone Ndikumana	Regional Officer-AGA, CAPSCA Regional Coordinator - ESAF
	Jarnail Singh	Civil Aviation Medical Board of Singapore, CAPSCA Global Technical Advisor
	Nika Meheza Manzi	Regional Officer-AGA, CAPSCA Regional Coordinator - WACAF
	Evalou Gngang	ICAO Consultant, CAPSCA Technical Adviser
CDC	Joanna Regan	Medical Officer, Centers for Disease Control and Prevention, USA
	Demma Andrew	Health Scientist, Centers for Disease Control and Prevention, USA
ACI	Ali Tounsi	Secretary General, Airports Council International - Africa
IATA	Claude Thibeault	Medical Advisor, International Air Transport Association

2.2 Eighty two (82) participants from thirteen (13) States (**Benin, Cameroon, Côte d'Ivoire, Gabon, Guinea, Kenya, Liberia, Mali, Mauritania, Senegal, Sierra Leone, Togo and Uganda**) and two (2) International Organizations (**AFCAC and ASECNA**) attended the training. The list of participants is attached.

3. PURPOSE OF THE TRAINING EVENT

3.1 The objective of the training was to provide a multi-sector/multi-stakeholder framework for strengthening capacity in the public health and aviation sectors to prevent, rapidly detect and respond to cases of a serious communicable disease, including Ebola Virus Disease, related to air transport. The training was focused on the implementation of requirements for the aviation sector contained in relevant ICAO annexes, the WHO International Health Regulations (2005) and associated guidance material.

4. THE TRAINING OUTCOMES

a) Topics covered by the training included:

The national preparedness plan for public health emergencies in the aviation sector, communication procedures for the notification of suspected cases on board, management of a suspected case on board, aerodrome emergency plan and aerodrome certification, public health emergency and the

ICAO Universal Safety Oversight Audit Programme (USOAP), management of public health events at ports of entry (case of Ebola), operational aspects of IHR and its application to aviation, Airport certification according to the IHR, entry and exit screening, including lessons learned, personal protective equipment for aviation personnel, cleaning of aircraft after transporting a suspected case of Ebola.

Group works related to Case studies on Ebola Virus Disease (EVD) were conducted. At the end, States shared their experiences on EVD preparedness and management. For details, see Agenda (below).

b) The following results were achieved:

Participants were provided presentations by WHO, CDC, ICAO, IATA and ACI. Their attention was drawn to the importance of preparedness planning for public health events in the aviation sector and the gaps in the region with respect to preparedness. They were trained on methods of implementation of relevant ICAO Annexes and the WHO International Health Regulations (2005) as well as best practices developed by different Organizations such as CDC, ACI, IATA, etc. ...). The relationships between key players were emphasized, particularly collaboration between Public Health Authorities and Civil Aviation Authorities at the national level.

Regarding EVD, the main message for States was to follow WHO recommendations and to request assistance to build core capacities. Finally, participants were asked to put into practice the lessons learned in order to strengthen capacity in the public health and aviation sectors to prevent, rapidly detect and respond to cases of a serious communicable disease, related to air transport in the region.

4. FOLLOW UP ACTION

4.1 The following recommendations were made by the participants at the end of the workshop:

- ✓ Translate all the training material into the two language of the region, French and English;
- ✓ Hold regular training events on the management of public health events in the aviation sector;
- ✓ Include in the training program an airport visit.

4.2 Participants were asked to identify their challenges and possible solutions following this training. For most of them, this will be to:

- ✓ Sensitize Authorities at the national level, on the importance of preparedness planning;
- ✓ Put in place appropriate legislation and regulations;
- ✓ Carry out update training of the screening team using the WHO e-learning tool;
- ✓ Train all airport staff in preparedness planning, to a level appropriate to their role; and
- ✓ Review the airport emergency plan, update associated SOPs and carry out regular exercises.



-END-

Agenda for Dakar, Senegal

Day One – Monday, 9 March 2015

#	Time	Focus	Topic	Chair	Resources required
1.0	08:00 - 09:00	Registration			
1.1	09:00 - 09:30	Opening ceremony and Introduction to Workshop	Objectives of workshop Review of Agenda Introductions of participants and	ICAO - Manzi	
	09:30-10:00	Group photo and coffee break			
1.2	10:00 -10:30	Overview of public health and aviation agencies, with reference to EVD	WHO <ul style="list-style-type: none"> Brief overview of WHO functions including IHR, PAG, research and field resources Operational aspects of IHR and its application to aviation 	WHO HQ Daniel Menucci	
1.2.1	10:30 – 11:30		ICAO role in PH/EVD - ICAO Regulatory framework and Universal Safety oversight Audit Program - Guidance materials - Terminology	ICAO Dr. A Evans Manzi Ndikumana	
1.3	11:30 -12:00	Preparedness Planning in IHR and Aviation	Aviation sector – National preparedness plan for public health emergencies Aerodrome emergency plan PH emergency and ICAO CAPSCA assistance visit	ICAO Dr. Jarnail Singh	
1.3.1	12:00-12:30		Introduction to preparedness planning for public health at Points of Entry	WHO HQ Daniel Menucci	
12:30 – 13:00 – Q&A					
13:00– 14:00 Lunch break					
1.4	14:00 - 14:30	Ebola Virus Disease - PHEIC	Current status and projections of outbreak	WHO/AFRO RO Dr. Marie Chantal Haoua Kambire-Diarra	
1.4.1	14:30 - 15:00		Summary of preparedness assessment mission and lessons learned	WHO HQ & AFRO Dr. Marie Chantal Haoua Kambire-Diarra	
1.4.2	15:00 - 15:20		IHR Emergency committee function and recommendations related to Ebola outbreak	WHO HQ Daniel Menucci	
	15:20 - 15:40	Coffee break			
1.5	15:40 - 16:30	Exit Screening at airports	Introduction to guidance and CDC support for exit screening in EVD affected countries	CDC A. Demma	
1.5.2	16:30 - 17:00		Country perspective – challenges and lessons	WHO/AFRO RO WHO/Senegal	

#	Time	Focus	Topic	Chair	Resources required
			learned	MOH	
1.6	17:00-17:15	Recap of Day 1			

Day Two - Tuesday, 10 March 2015

#	Time	Focus	Topic	Chair	Resources required
2.0	09:00 - 09:10	Welcome to Day 2			
2.1	09:10 - 09:30	Considerations for Entry Screening at airports	WHO guidance	WHO HQ & AFRO Daniel Menucci	
2.2	09:30 - 10:00	Introduction of ACI	ACI and airport operators role in Public Health Events	ACI	
	10:00-10:15	Q&A			
	10:15-10:30	Communication Procedures	Communication procedures for notification of suspect case on-board aircraft	ICAO – Dr. Jarnail Singh	
	10:30-10:45	Coffee Break			
	10:45- 11:45	Responding to Ebola Virus Disease on Commercial Airlines The CDC Experience	<ul style="list-style-type: none"> • CDC process for use of passenger locator forms when Ebola is suspected • Public health risk assessment of ill traveler • Messaging to passengers and partners Conducting and Air Contact investigation	CDC – Joanna Regan	
	11:45-12:00	Q&A			
	12:00-12:30	Introduction to case study and break up into groups (includes informal refreshment break)		WHO HQ – Daniel Menucci	
	12:30-13:30	Lunch			
2.4	13:30 - 14:30	Suspect EVD case on-board	Role of IATA in PH/EVD response Management of suspect case on board including use of precautionary kit Cleaning of aircraft after transport	IATA Dr. C. Thibeault (via Skype)	
2.4.1	14:30 - 16:00	Case study on EVD exit screening	Group work - Implementing exit screening at airport of a country with initial cases of Ebola Virus Disease transmission	WHO/CDC/ICAO to facilitate	
	16:00-16:15	Coffee break			
	16:15-17:00	Plenary discussion on case study			
	17:00	Close of Day 2			

Day Three –Wednesday, 11 March 2015

#	Time	Focus	Topic	Chair	Resources required
3.0	09:00 – 09:15	Introduction to case study 2			
3.1	09:15 – 11:15	Case study (including informal coffee brake)	A suspect case of EVD on board an aircraft arriving from a country with Ebola Virus Disease transmission, to a non-affected country	WHO/CDC/ICAO to facilitate	
3.2.1	11:15 – 11:45	Plenary on case study			
	11:45-12:15	Aerodrome Emergency Plan		ICAO – Manzi	
	12:15-12:30	Introduction to the group work on aviation PH emergency plans		ICAO – Dr. Anthony Evans.	
	12:30 – 13:30	Lunch			
3.3	14:00 – 15:30	Aviation PH emergency plans activation	Group work – by State Party, to consider status of PH national preparedness plan for aviation and aerodrome emergency plan.	ICAO to lead WHO/CDC to co-facilitate	
	15.30 -16:00	Coffee break			
3.3	16:00 – 16:50		Continuation of group work, results and discussion in plenary	WHO/ICAO/CDC panel	
3.4	16:50 -17:00	Close of Day 3			

Day 4 – Thursday, 12 March 2015

#	Time	Focus	Topic	Chair	Resources required
4.0	09:00 – 09:10	Welcome to Day 4			
4.1	09:10 – 11:00	EVD e-learning	Group learning in French and English	WHO HQ Daniel Menucci	
	11:00 – 11:15	Coffee break			
4.2	11:15 – 12:00	IHR PoE Certification	WHO Certification process for airports	WHO HQ Daniel Menucci	
4.3	12:00 -12:30	Aerodrome Certification	ICAO/CAA Aerodrome Certification process	ICAO – Manzi	
	12:30 – 14:00	Lunch			
4.4	14:00 – 15:00	EVD e-learning, Part II	Exit screening	WHO HQ Daniel Menucci	
4.5	15:00 – 16:00	EVD e-learning, Part III	Entry screening	WHO HQ Daniel Menucci	
	16:00 – 16:15	Coffee break			
4.6	16:15 – 17:00	Facilitation of discussion on PPE, equipment and tools for entry and exit screening	Facilitated discussion on temperature measurement tools, PPE	CDC to facilitate Possibly to include MoH local State Party	
4.7	17:00 – 17:15	Close of Day 4			

Day 5 - Friday 13 March 2015

#	Time	Focus	Topic	Chair	Resources required
5.0	09:00 – 09:10	Welcome to Day 5			
5.1	09:10 – 10:30	States feedback on aviation/public health partnership challenges	Aspect to be considered: - scope of work -decision making process -resources allocation -information sharing -...	Plenary session ICAO facilitation	
	10:30 – 10:45	Coffee break			
5.3	10:45 -12:00	Possible solution for overcoming challenges identified	Suggestion from the panel and participants	Plenary session ICAO facilitation	
5.4	12:00 -12:15	Oral feedback on the training.	Brief recap of training objectives and key points addressed	WHO/ICAO/CDC panel	
5.5	12:15 – 12:30	Closing remarks		ICAO/WHO/CDC	
		Lunch			

**INTERNATIONAL CIVIL AVIATION ORGANIZATION
WORLD HEALTH ORGANIZATION**

Training on the prevention and management of public health events in the aviation sector

**Formation sur la prévention et la gestion des événements de santé publique dans le secteur de l'aviation
(Dakar, Senegal 9 - 13 mars 2015)**

Liste de Participants/List of Participants

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