

## Editorials



In the last edition we presented an update on the progress made by BAGASOO in fostering aviation safety within the BAG sub-region, East and Central African sub-region. In this edition we see the BAGASOO aviation safety flight spreading its wings to other parts of West Africa as it partners with ECOWAS to enhance aviation safety amongst Member States and Africa at large as it touches down in Mozambique, Southern Africa to conduct an ITS / ITRAQs course for the IACM staff. In the course of the training ITS AVSEC was born, yet another giant stride by BAGASOO.

Over the past couple of years BAGASOO crawled, learned to walk and can now technically and administratively stand on its own, hence the abrogation of the Management Service Agreement (MSA) between BAG and ICAO with regards to the management of BAGASOO as an RSOO of the BAG States.

On the heels of the Severance of the MSA, was the signing of the Host Country Cooperation Agreement between BAGASOO and Nigeria.

This edition also features BAGASOO's visit to the Honourable Minister of Aviation, Nigeria, a chat with the Director of Safety Mozambique CAA and some extras from Skybrary, ICAO etc.

Happy reading.

**Mary Tufano Eche**  
Editor-in-Chief

## Visit to the Honorable Minister of Aviation, Nigeria



### **BAGASOO Delegates with the Minister**

Photo credits BAGASOO

the Hon. Minister of BAGASOO's intention to partner with the Ministry of Aviation and NCAA to conduct an industry-wide regional aviation safety workshop in 2015.

The Hon. Minister in his response, expressed gladness at meeting with the BAGASOO team and reiterated the Ministry's commitment to aviation safety, not only in Nigeria but the region at large. He pledged the Ministry's support to BAGASOO as its host and promised to partner with BAGASOO to achieve the highest level of safety for Nigeria and other Member States. He said BAGASOO is always welcome to bring to the Hon. Minister's attention all activities and programmes that will be of benefit to the aviation industry.

BAGASOO management team led by its Executive Director, Wing Commander Emmanuel Asonga Akatue paid a courtesy call on the Honourable Minister of Aviation, Chief Osita Chidoka, OFR, NPON.

The visit is the first to any serving Minister of Aviation in Nigeria since the inception of BAGASOO and was intended to familiarize the Minister with the activities of BAGASOO among the Member States and especially Nigeria being the Host State of BAGASOO.

The Executive Director gave a brief overview of BAGASOO activities from inception and informed

## 12<sup>th</sup> BAGASOO Board of Directors Meeting.



### **BAGASOO Board Meeting at the Secretariat**

Photo credits BAGASOO

BAGASOO Business Plan (BP) which recommended the expansion of the scope of BAGASOO to include the ANS speciality in the short term plan and AVSEC in the long term plan.

The BP for the period 2015-2019 was approved by the Board accordingly. The meeting further approved the Working Paper and BAGASOO Budget for the year 2015 and extended the professional staff contract for another term of three years for each staff.

The 12<sup>th</sup> BAGASOO BOD held from 20<sup>th</sup>-21<sup>st</sup> October 2014 at the BAGASOO headquarters in Abuja.

The meeting featured discussions on the debilitating financial status of BAGASOO and the working arrangements between ICAO and ECOWAS to support the RSOOs of the sub region (BAGASOO and COSCAP UEMOA). ECOWAS was represented at the meeting by the head of ECOWAS Air Transport unit, in the person of Dr. Ganemtoure Antoine –Marie.

The meeting amongst others, adopted the report of the Board Special Committee for the review of

## FAA Surveillance of Service Providers Course

In collaboration with the Federal Aviation Administration (FAA) and with support from the Department of Transportation (DOT) of the USA, BAGASOO organised a training course on Surveillance of Service Providers in Accra from 4<sup>th</sup> to 13<sup>th</sup> of February 2015. In attendance, were thirty-one (31) participants drawn from Ghana, Nigeria, Cape Verde, Guinea and Sierra Leone.

This course, the first of its kind to be conducted by the FAA, is one of five core courses mandated under the Inspector Training System (ITS).



### **Participants and Instructors at the FAA Surveillance Course, Accra, Ghana**

Photo credits BAGASOO



### **Members of BAGASOO Technical Committee F&A**

Photo credits BAGASOO

## Meeting of the Technical Committee F&A

The Technical committee meeting of the Finance and Administration BAGASOO, was convened in Accra, Ghana from 15<sup>th</sup> -18<sup>th</sup> Dec. 2014, to review BAGASOO Policy documents and Financial Management Systems in view of the Abrogation of the MSA between BAG and ICAO in respect of BAGASOO



### **Syndicate Meeting, ITS ANS**

Photo credits BAGASOO

and finalise the development of the framework documents. BAG Member States in attendance at the Meeting were Nigeria, Ghana, Sierra Leone and Cape Verde. Representatives of Cameroun and CASSOA also participated.

At the end of the meeting, Inspector training requirements and guidance materials were completed for the ANS disciplines of ATS/SAR, PAN-OPS, AeroMet, AeroTel, AIS/AIM and Charts. With the successful completion of the 2<sup>nd</sup> ITS ANS Workshop by BAGASOO and the upgrading of its ITS database software to cater for ANS disciplines, BAGASOO is now set to provide necessary assistance to BAG States towards the implementation of the ITS in the ANS field.

## **BAGASOO set to provide ITS for ANS**

BAGASOO hosted a workshop on Inspector Training System for Air Navigation Services from 19<sup>th</sup>- 23<sup>rd</sup> January 2015 at the BAGASOO Secretariat.

The workshop was a follow-up to the ITS ANS meeting earlier held in February 2014 during which review of the draft ITS ANS framework documents developed by BAGASOO was commenced. The purpose of the second meeting was to address all outstanding areas

## **Finalisation of Memorandum of Agreement (MOA) Between ECOWAS and BAGASOO**

Pursuant to BAGASOO Board of Director's approval to explore the possibility of forging partnerships with International, Regional and Multilateral Organizations, BAGASOO has been in negotiations with ECOWAS through the Air Transport unit under the Commissioner of Infrastructure seeking to achieve some cooperation in technical support and mobilization of resources for the improvement of aviation safety and security in the ECOWAS Region.

Preliminary interactions evinced the need for both Parties to enter into a more binding agreement to be ratified by both Organizations for the establishment of mutual cooperation in the areas of

Aviation safety and security. To this effect, experts from ECOWAS and BAGASOO met in November 2014, to discuss and finalize a Cooperation Agreement. All legal and technical considerations were taken into account to arrive at a suitable Agreement for both Parties. It is hoped that the Agreement will be signed in 2015 to strengthen the cooperation between ECOWAS and BAGASOO in the enhancement of aviation safety and security within the sub-region.



### **Delegates at the MOA meeting**

Photo credits BAGASOO

# ITS/ITRAQS Implementation for the Mozambique CAA (IACM)



**The President IACM, Mr. Joao Martins de Abreu, congratulates the BAGASOO team**

Photo credits BAGASOO

## **BAGASOO Develops the first ITS Training Package for the AVSEC Specialty**

With the successful delivery of the training, Mozambique CAA has become the latest CAA to acquire the ITRAQS database software from BAGASOO. The software version implemented for the CAA comprised of the Formal Course and OJT Training Packages for the Flight Operations, Airworthiness, Aerodromes and Air Navigation Service Specialties. During the course, a Training Package extension was developed for the Aviation Security specialty and a beta version of the package was included in the Mozambique CAA implementation as well. The AVSEC package will be reviewed by a team of AVSEC experts from across the region at a workshop to be organized by BAGASOO during the last quarter of 2015.

*Highlights of the event on page 6*

## **ITS Training and ITRAQS Implementation**

The First BAGASOO Comprehensive ITS/ITRAQS End-User Training and Implementation Course was delivered to the Mozambique CAA from the 24th February to 15th March 2015. The ITS/ITRAQS Programme consisted of the Inspector Training System Course and the Inspector Training Records and Qualification System (ITRAQS) End-User Training.

The event was aimed at providing the CAA inspectors an understanding of the principles and concepts underlying the process of documenting and managing the training and qualifications of Inspectors according to the Inspector Training System (ITS) as well as the knowledge and skills required for the continuous operation and use of the ITRAQS database software developed by BAGASOO for the recording and tracking of training records.



**Participants at the training**

Photo credits BAGASOO

# Jremias Fransisco Chitoquico

Comments on the ITS/ITRAQS Training and Implementation for the Mozambique IACM



## Mr. Jremias Chitoquico

Director Flight Safety  
Mozambique IACM

### Background

Mr. Jremias Chitoquico has a degree in Aeronautical engineering from Germany. He has worked in IACM for about 10 years as an Airworthiness inspector and is currently the director of flight safety.

Below are excerpts from an interview with Mr. Jremias on the ITS/ITRAQS training conducted in Mozambique:

### What are your expectations from the ITS as well as the ITRAQS training?

I am expecting a lot from the system and at the same time acknowledging that the system itself cannot, at once, solve all the problems in terms of managing training and qualifications of inspectors. This will largely depend on the involvement of everyone who will be working on the system to be able to contribute to make the system effective in order to achieve our goals. The tool itself I am sure has the capabilities needed to ensure that we can manage the training qualification effectively. Having said that, the challenge is to have the people within the organisation

to comply with the requirement of the ITS and also be willing to implement the system as intended. My focus will be to ensure that the system is used effectively as intended.

“ Basically the various aspects of critical element 4 are covered under the ITS.

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### Has your organization adopted the ITS prior to this training?

Yes, we adopted ITS in 2013, and from that time we have been training our inspectors under the sponsorship of the FAA in-country. We started the implementation of the ITS but realized the software had some issues we could not overcome, so we stopped because the system could not work as planned. We then decided to go for the ITRAQS, with the hope that we can implement it fully.

### Apart from Mozambique, Has any of the COSCAP SADEC Member States implemented the ITS?

In terms of the implementation, I do not have the exact numbers, but however I remember that during the annual DG CAA's meeting, it was decided to adopt the ITS as a training tool for member states. Namibia, Botswana, South Africa Mozambique and Swaziland participated in the initial ITS training conducted in 2012 and 2013 but I don't know how far the other states have gone with the implementation.

“

...with this tool [ITRAQS], we would be able to identify our training needs for inspector qualification.”



### **ITS/ITRAQS: Participants working through the exercises**

Photo credits BAGASOO

## **Comments from the Participants at the Training**

### **Mustapha Bakari (ATS)**

My hope is that the objective of this system will be fully implemented by the administration likewise the JTA will enrich our inspector's checklist during audit/inspections.

### **David Muchanga (OPS)**

The training and implementation is very important for IACM. It will help the civil aviation Authority to monitor the training in progress and qualify the inspection.

### **Do you think that adopting the ITS will assist your state in addressing the critical element 4?**

Basically the various aspects of critical element 4 are covered under the ITS. The challenge is the capability of the state to establish and implement the system. In addition the system requires OJT before qualification and we do not at present have sufficient OJT instructors to cover the various specialty areas.

### **How do you think the system can help the Mozambique IACM?**

The system can help in allocating responsibilities at the right levels. With this tool, we would be able to identify our training needs for inspector qualification.

### **Paulo Teimezira (AIR)**

I think it will help the IACM to harmonise the trainings for the inspectors using industry best practices.

### **Celia Jose Bal'ate (AIS/AIM Department)**

The training and implementation exercise is very important to me because it will help me to plan which course the inspectors need in order to carry out their tasks with zeal and competence.

**NEWS**

## BAGASOO Signs Host Country Cooperation Agreement with Nigeria



**ED BAGASOO signing the Host Country Agreement**



**The legal representatives, National Planning Commission, NCAA, BAGASOO with the ED BAGASOO after the signing ceremony**

On the heels of the severance of the MSA with ICAO, BAGASOO signed the long awaited Host Country Cooperation Agreement with the Federal Government of Nigeria (FGN). The Agreement which was dated 10th March 2015 was signed by the Honourable Minister of National Planning on behalf of the FGN, and the Executive Director of BAGASOO.

This has put paid the issue of the legal status of BAGASOO in Nigeria.

## ICAO appoints first-ever female Secretary General from China.



**Dr. Fang Liu of China** (left) accepts the thanks and congratulations of the ICAO Council after being appointed the first woman to serve as ICAO Secretary General, commencing 1 August 2015. She is seated beside current ICAO Secretary **General Raymond Benjamin** of France (centre) and ICAO Council President **Dr. Olumuyiwa Benard Aliu** of Nigeria.

Dr. Fang Liu has been appointed the new Secretary General of the International Civil Aviation Organisation (ICAO) by the ICAO Council. Dr. Liu who hails from China, was the Director of Bureau of Administration since 2007.

She is the first- ever woman and second from an Asia Pacific State to be appointed Secretary General of ICAO.

## System Wide Events: Guidance for Flight Crews



### 1.0 General

This article considers the operational and airmanship factors of importance to flight crew experiencing a system-wide event (SWE) which is an event that affects a flight and a sufficiently wide area that all alternate routes and airfields briefed during pre-flight preparation have become unavailable. Ground facilities such as navigation beacons and air traffic services may also be affected.

### 2.0 Description

"System wide" events present an aircraft commander with challenges that are not covered by routine contingency planning and which, if not handled well, can quickly jeopardise the safety of the aircraft.

Examples of system wide events could include:

- **Acts of War or Terrorism** - For example, the closure of US airspace following the attacks of 11 September 2001, or airspace closure associated with the imposition of a no-fly zone over Libya in April 2011.

- **Natural Events** - For example the closure of many airports in Japan following the earthquake and tsunami of 11 March 2011 or airspace closures over Europe on 15 April 2010 due to [volcanic ash](#).
- **Adverse Weather Conditions** - For example, widespread and unexpected closure of airports in northern Canada as a result of [advection fog](#) following changing wind conditions, or closure of airports following heavier than expected snowfall across a wide area.

**Source:** culled from SKYbrary (... to be continued next edition.)

## Basic Principles of Leadership

- Be the kind of leader you will like to follow.
- Inspiring someone is leadership (you must not become a head of department or organization to be a leader)
- A leader must be able to communicate, support and guide the followers
- Titles don't make you a leader
- A leader should be friendly, fair but firm.
- A leader is someone who has followership
- Leadership is doing the right things.

## Do You Know?

Eating Healthy diet, increasing physical activity and avoiding tobacco can prevent

- 80% premature heart disease
- 80% of type 2 diabetes
- 40% of cancer

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