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BUILDING TOGETHER SATELLITE NAVIGATION COMPETENCES FOR AFRICA

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EDITORIAL

The SAFIR Project Implementation Team (PIT) is pleased to wish to all of its distinguished readers an excellent year 2014 and in particular to the 5 first staff members of the EGNOS-Africa Joint Programme Office (JPO) who have just joined the PIT in Dakar.

Year 1 of SAFIR has now ended with:

- 1) the completion of 2 important working sessions (WS1 & WS2) held in Dakar and in Addis-Ababa which successfully addressed the missions of the version 3 of EGNOS and the governance, the liability and the certification of the EGNOS services to be implemented in Africa, (Please find more information on pages 3 and 4).
- 2) the recruitment of the JPO Director, the JPO Deputy Director, the GNSS Programme Manager, the Certification & Safety Expert and the Legal & Economic Expert, (Please see their bio graphs on pages 2 and 3).

Year 2 of SAFIR is starting and, with the support of the JPO staff, we will achieve the following tasks:

- 1) the organisation of working sessions (WS) to address with main African stakeholders key issues related to EGNOS extension in Africa. The results of these sessions will feed the road map that the PIT & the JPO have to develop for the implementation of GNSS/EGNOS services in Africa, (For more information on coming WSs, please see page 4).
- 2) the recruitment of 5 more staff for the posts of 2 GNSS Experts, 1 Operation Expert, 1 Aviation Applications Expert and 1 Other Applications Expert. These experts will join the JPO mid-2014.

At the end of the Project (early 2015), the SAFIR PIT is confident to have set-up a fully operational EGNOS-Africa JPO composed of 10 competent people with a clear action plan for the implementation of EGNOS services in Africa.

The Project Implementation Team:

Olivier Turcas, Anne-Laure Vogel, Cumbi Hugues Ayina Akilotan.

OLIVIER TURCAS

Leader

Tel.: +221 77 528 69 63

+33 6 07 04 52 17

Email: oturcas@orange.fr

ANNE-LAURE VOGEL

Key Expert

Tel.: +33 5 16 57 00 61

+33 6 46 44 88 76

Email: Anne-laure.vogel@egis.fr

CUMBI HUGUES AYINA AKILOTAN

Key Expert

Tel.: +221 33 869 51 76

+221 77 333 45 23

Email: ayinahug@asecna.org

CONTENTS

EDITORIAL	1
PRESENTATION OF THE EGNOS-AFRICA JOINT PROGRAMME OFFICE (JPO) MANAGEMENT TEAM	2-3
INFORMATION ON CURRENT JPO STAFF RECRUITMENT	3
RESULTS OF WS2 – ADDIS ABABA	3
PROGRAMME STEERING COMMITTEE REPORT	4
UPCOMING EVENTS	4

PRESENTATION OF THE EGNOS-AFRICA JOINT PROGRAMME OFFICE (JPO) MANAGEMENT TEAM

The JPO is now fully operational in Dakar and is managed by:

Mr LADISLAUS MATINDI

JPO Director

imatindi@hotmail.com



Until his appointment as the Director of the JPO, Engineer Ladislaus Matindi worked as Principal Officer responsible for the aviation sector at the East African Community (EAC) Secretariat. He also worked in the

Tanzania Civil Aviation Authority as a Chief Communication, Navigation and Surveillance (CNS) and Chief Infrastructure Planning. Engr Matindi holds a master's degree in Telecommunication Engineering and a master's degree in Business Administration (MBA). He is a Professional Engineer registered by the Engineers Registration Board of Tanzania and a Corporate Member of the Institution of Engineers Tanzania.

Mr SEMOU DIOUF

JPO Deputy Director

s.diouf@orange.fr



With a wide range of qualifications and extensive experience in technical and business fields, Sémou has been involved in technology innovation projects in the aeronautics sector in Africa since the early 1990's.

A Senegalese national, he graduated with an engineering degree from INSA, the National Institute of Applied Sciences in Toulouse (France), complemented with a Business Management Diploma at ESCP Paris. Before his last assignment as Manager in a Leading European Consulting firm in France in the Aeronautics, Space and Defense sector, he spent a major part of his career at SITA in Dakar, Paris and Johannesburg. His last function at SITA was Regional Director, Commercial Operations for Africa and acting Vice President.

Mr ABDEL NASSER SANT'ANNA

GNSS Programme Manager

nsantanna@orange.sn



SANT'ANNA Abdel Nasser is CNS-Civil aviation engineer graduated from African civil aviation and meteorology school of Niamey (EAMAC)- since 1996. He holds in addition a "specialized Master degree in « Communication-Navigation- Surveillance satellite-based » from the French civil Aviation school of Toulouse (ENAC) where he graduated with honour, and completed a post graduate degree in project management in Ecole Supérieure de Management de Projets de Dakar (ESMP).

After three years on the field as Maintenance Engineer, he joined ASECNA Headquarter in Dakar in 1999 as system Engineer, and was appointed two years later CNS Project manager. As such, he had been in charge of major projects all over the 18 ASECNA member states. Since 2011 he is in charge of CNS R&D programme in ASECNA, among which are Extension of EGNOS over ASECNA area, GBAS operational Assessment, etc.

SANT'ANNA Abdel Nasser is certified AFAV (Association Française de l'Analyse de la Valeur) project Team Member.

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M MUSTAPHA BOUKARY

Certification & Safety Expert

boukarmal@yahoo.fr



BOUKARY MALAM Moustapha started his career with ASECNA as Air Traffic Controller for almost twelve years, then Engineer of Civil Aviation, Air Navigation option. He has been successively Chief of Air Traffic Control, Chief

of Air Navigation Operations at ASECNA, Niamey International Airport then Director of Civil Aviation of Niger and Director General of Niger Civil Aviation Agency between 2010 and 2011. Senior Air Navigation Ser-

vices Inspector with a wide experience on Human factor and Safety Management System he led many studies on air navigation, air traffic management and human factors aspects at EAMAC, conducted many aerodromes and air navigation services inspections and gave many conferences on Human Factor. He is also Quality Management System Auditor/Lead Auditor, Air Traffic Management Regulation and Safety Management System Instructor.

BOUKARY MALAM Moustapha received the World Food Program appreciation during the 3rd global Aviation Safety Conference at Acapulco, Mexico in 2011. He is Chevalier of the National Order of merit of Niger, medaled of honor of the work.

Mrs AICHA ALOU OUMAROU

Legal & Economic Expert
aichaalou@gmail.com



Dr Aicha Alou Oumarou is a lawyer and an economist graduated from University and INSA in Toulouse. Coming from the academic world, she is specialised on economic, law and institutional issues relating to the transportation industry. Holding degrees in economics (Ms in Applied Economics and in Business Intelligence) and law (Ms in Transport Law and in International and European Community Law), she gained experience with companies and institutions. Concerned with sustainable development in Africa, she prepared her Phd thesis at the National School of Civil Aviation (Toulouse) on the topic of air navigation services pricing.

INFORMATION ON CURRENT JPO STAFF RECRUITMENT

Many applications have been received for the recruitment of the 5 last job positions of the EGNOS-Africa Joint Programme Office (JPO):

- 2 GNSS Experts,**
- 1 Operation Expert,**
- 1 Aviation Application Expert,**
- 1 Other Applications Expert**

The SAFIR PIT has selected 10 candidates who are attending the 2nd TREGA training delivered by the sister Project TREGA led by UNESCO/ICTP (International Centre for Theoretical Physics). This Training has started on 20 January 2014 for 8 weeks and addresses GNSS Systems & Applications and Service Provision, User Support & Promotion of EGNOS Use in Africa.

At the conclusion of the training, a second evaluation process will take place in April 2014 in order to finalise the selection procedure of the 5 last positions of the JPO for an entry in duty in May or June 2014.

RESULTS OF WS2 – ADDIS ABABA

The SAFIR PIT conducted the second Working Session in Addis Ababa from the 3rd to the 6th of December 2013.

This Session involved two sub-Working sessions, namely Governance and Certification/Liability. The event was kindly hosted by the Director General of the Ethiopian Civil Aviation Authority (ECAA), Colonel Hunegnaw Wosenyelh, represented by Mr Girma Yirma, Advisor to the Director General.

Both sessions gathered a few prominent experts from regional ANSPs and various organizations among which AAMAC, AFCAC, COMESA, ECCAS, ECOWAS, French DGAC, ICAO APIRG, NAMA, NASRDA, PPIU, WAEMU and SUCCESS team.

Continued on page 4



It was also an opportunity to welcome the first JPO management staff members who will be in charge of elaborating the GNSS/EGNOS services implementation roadmap prior to the deployment phase.

First tentative governance, certification and liability schemes have been defined and will be essential inputs for the second financial event related to navi-

gation infrastructure funding in Africa to be held in April 2014.

A full list of actions has been agreed on for follow up and all participants have committed themselves to start promoting GNSS/EGNOS towards key policy making stakeholders in the continent.

PROGRAMME STEERING COMMITTEE REPORT

The 2nd meeting of the Programme Steering Committee (PSC) to the 10th EDF Intra-ACP Programme: "Support to the Air Transport Sector and Satellite services applications in Africa" was held in Brussels on the 6th and the 7th of November 2013.

The role of the PSC is to offer policy advice and monitor the orientation of the programme activities in the pursuit of the overall programme objective for the four components of this programme: Aviation Safety, Aviation Security, SAFIR and TREGA respectively led by EASA, IATA, ASECNA and ICTP.

The following organisations attended: ACP Secretariat (chair), European Commission (DG DEVCO, DG MOVE, DG ENTR), African Union Commission, African Civil Aviation Commission (AFCAC), Regional Economic Communities: ECOWAS, CEMAC, ECCAS, EAC, COM-

SEA, WAEMU and as observers: ASECNA and Professor Refaat Chaabouni.

The SAFIR Project Implementation Team (PIT) presented in detail the current status of the SAFIR activities achieved since the last PSC meeting in particular the selection of the 5 first staff of the EGNOS-Africa Joint Programme Office (JPO) among the 10 trainees which had followed the 1st TREGA Training and also the results of the 1st Working Session held in Dakar on EGNOS V3 missions.

A focus was made as well on the Event on financing Satellite Navigation Infrastructure in Africa (Addis Ababa – 1 October 2013) organised by the EC & ASECNA and on the coming SAFIR Working Session n°2 (Addis Abba – 3-6 December 2013).

Following the presentations, questions were raised and answered.

The next Steering Committee is planned in June 2014.

UPCOMING EVENTS

20 January – 21 March 2014	2 nd Training in Trieste (Italy) on GNSS Systems & Applications and Service Provision, User Support & Promotion of EGNOS Use in Africa, delivered by the sister Project TREGA (led by ICTP) for 10 selected candidates + other trainees selected by TREGA.
25 – 28 February 2014	Working Session n°3 – 4 days – Cape Town (South Africa) Aviation applications and other applications
April 2014	Working Session n°4 – 3 days – Libreville (Gabon)* GNSS/EGNOS Services implementation Road Map
May/June 2014	Selection and Entry in duty of the 5 JPO Experts
June 2014	Programme Steering Committee (PSC) Meeting – Brussels
June/July 2014	Working Session n°5 – 4 days – Kampala (Uganda)* EGNOS V3 Missions – Safety

* To be confirmed