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国际民用
航空组织

Ref.: ES AN 6/1 - 0463

27 June 2013

Subject: Workshop on Aviation Systems Upgrades (ASBU) methodology for planning and implementation of air navigation systems, Nairobi, Kenya, 7-11 October 2013

Action required: Advise by 31 July 2013 the names of participants

Sir/Madam,

I have the honour to inform you that ICAO will be conducting a workshop for the planning and implementation of air navigation systems on the basis of Aviation System Block Upgrades (ASBU) methodology in **Nairobi, Kenya, from 7 to 11 October 2013**. Your Administration is kindly invited to attend the workshop.

The ASBU initiative which is now integrated in the revised Global Air Navigation Plan (GANP, Doc 9750) has been endorsed by the 12th Air Navigation Conference (AN-Conf/12) held in November 2012 under the concept of One Sky. The revised GANP, approved by the ICAO Council on 29 May 2013, also includes related technology roadmaps such as CNS, AIM, and Avionics. As a follow-up to the Recommendation 6/1 of AN-Conf/12, necessary steps will need to be initiated for consequential realignment of the Regional and National Air Navigational Plans as appropriate.

The workshop will focus on developing priorities and targets, identifying challenges, evaluating economic impact, understanding performance monitoring and reporting and estimating fuel savings and corresponding environmental benefits through ICAO Fuel Savings Estimation Tool (IFSET). The workshop, through specially designed hands-on exercises, would provide the participants with practical experience for the development of national air navigation plans on the basis of ASBU concept and understand its impact on AFI performance plan.

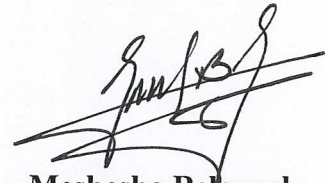
In order to conduct the hands-on exercises efficiently, meaningfully and within the time constraints of the workshop, you are requested to advise your participants to review the agenda of the workshop (**Attachment A**) and bring along with them a copy of the national air navigation plan to the workshop. In this regard, please note that, as the workshop covers all disciplines of air navigation systems, I would encourage participation of experts from your State representing the fields of OPS, ATM, CNS, MET, AIM and AGA.

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The working languages of the workshop will be English and French. Your Administration is expected to meet the costs of travel and subsistence allowance for the participants. A workshop bulletin, which contains general information to assist participants, will be provided separately.

In order to proceed with the planning for the workshop, I would request you advise me by **31 July 2013** the names and designation of those who will attend.

Accept, Sir/Madam, the assurances of my highest consideration.



Meshesha Belayneh
ICAO Regional Director
Eastern and Central African Office

Attachment:

A – Agenda of the Workshop



International Civil Aviation Organization

WORKSHOP ON ASBU FRAMEWORK: ALIGNMENT OF REGIONAL AND NATIONAL PERFORMANCE PLANS, IMPLEMENTATION, MONITORING AND REPORTING (NAIROBI, KENYA, 7-11 OCTOBER 2013)

PROVISIONAL AGENDA

AGENDA ITEM	SUBJECT	OPERATIONAL ENHANCEMENTS AND ENABLERS
Agenda Item 1	ASBU– Global perspective	<ul style="list-style-type: none"> ▪ 12 Air Navigation Conference (AN-Conf/12) – Follow-up ▪ Global Air Navigation Plan (GANP) – A framework for ASBU ▪ Technology Roadmaps – C,N,S, Avionics and IM ▪ eANP – Harmonized web based tool
Agenda Item 2	ASBU – Planning	<ul style="list-style-type: none"> ▪ ASBU Block 0 Modules – An analysis ▪ Categorization of Modules - Prioritization ▪ AFI Air Navigation Action Plan – Alignment with ASBU
Agenda Item 3	ASBU – Implementation	<ul style="list-style-type: none"> ▪ Implementation kits – Detailed guidance ▪ Approach to implementation – Process and checklist ▪ ASBU- Economic impact
Agenda Item 4	ASBU – Monitoring and Reporting	<ul style="list-style-type: none"> ▪ Performance management – Identification of metrics ▪ Regional monitoring – Air Navigation Report Form (ANRF) ▪ Regional reporting through dashboard – Status of implementation ▪ Global reporting through Air Navigation Report – World Score-Card ▪ Measuring operational benefits – IFSET
Agenda Item 5	Hands-on Exercises – Updating AFI Air Navigation Action Plan and developing National ASBU Plan	<ul style="list-style-type: none"> ▪ Review of AFI Air Navigation Action Plan – ASBU oriented ▪ Development of National Air Navigation Plan – ASBU oriented ▪ Group discussions

Reference Documents:

1. Global Air Traffic Management Operational Concept (ICAO Document 9854);
2. Global Air Navigation Plan (ICAO Document 9750);
3. Manual on Global Performance of the Air Navigation System (ICAO Document 9883);
4. Air Navigation Plan — African and Indian Ocean Regions, Volume I — Basic ANP and Volume II — FASID (ICAO Document 7474);
5. Manual on Air Navigation Services (ANS) Economics (ICAO Document 9161);
6. IFSET, go to: <http://www.icao.int/environmental-protection/Pages/Tools.aspx>; and
7. Performance-based Navigation (PBN) Manual (ICAO Doc 9613).

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