



International
Civil Aviation
Organization

Organisation
de l'aviation civile
internationale

Organización
de Aviación Civil
Internacional

Международная
организация
гражданской
авиации

منظمة الطيران
المدني الدولي

国际民用
航空组织

Ref: ES AN 4/21 – 0278

21 May 2010

**Subject: ATS Routes Development Coordination and First Meeting of the
Performance Based Navigation Route Network Development Working
Group (PRND WG/1) (Johannesburg, South Africa, 13 – 16 July 2010)**

Action required: Reply not later than 18 June 2010

Sir/Madam,

I have the honour to refer to outcome of the eleventh meeting of the Air Traffic Services/Aeronautical Information Service/ Search and Rescue Sub-Group (ATS/AIS/SAR SG/11), which was held in Nairobi, Kenya, 26-30 April 2010.

The ATS/AIS/SAR SG/11 noted that airspace users (IATA) had prepared an updated user priority list of ATS routes to be implemented. The meeting noted that a number of ATS routes had been in the Air Navigation Plan for some time and that the implementation of such routes was imperative to efficiency of the airspace and contribution to environmental protection. The meeting recognized that work assigned to the PRND WG had accumulated significantly since the Working Group was established in September 2009. Furthermore, that coordination in the comprehensive definition of the user requirements and the work of the PRND WG would significantly support expeditious implementation.

Based on the above, the meeting accepted with appreciation IATA's offer to host an ATS route development coordination meeting at the earliest possible date, in order to facilitate expeditious Regional ATS route development and implementation, in particular ATS routes identified in priority lists.

Your Administration/Organization is invited to participate in the ATS Routes Development Coordination and First Meeting of the Performance Based Navigation Route Network Development Working Group (PRND WG/1), which will be convened at Indaba Hotel, Fourways, Johannesburg, South Africa from 13 to 16 July 2010. Please note that due to resource limitations, the meeting will be held in the English Language only.

The Provisional Agenda and its explanatory notes, for the meeting is at **Attachment A**. Your comments on the attached Provisional Agenda, including any amendment(s) you may wish to suggest, would be appreciated. The Bulletin describing administrative arrangements for the meeting, other useful information for participants including the accommodation, is at **Attachment B**.

.../2...

Let me take this opportunity to express my appreciation to IATA for offering to host the meeting, which will provide needed coordination between users and AFI Planning and Implementation Regional Group (APIRG) mechanism in which States are represented. It is envisaged that outcome of the meeting will mark a decisive beginning to comprehensively review and transform the AFI ATS route network into a more efficient system that best meets the needs of the users. In order to facilitate effectiveness of the meeting, I shall be grateful if you could ensure that your delegation consists of experts familiar with airspace structure and operation issues, in particular ATS routes.

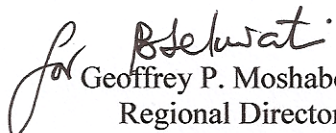
Let me take this opportunity to remind you that, in accordance with current ICAO policy, hard copy documentation at the meeting will be kept to a minimum, in favour of the use of multimedia projectors and electronic copies of documents. Other than in exceptional cases, documentation will not be provided in hard copy format. In this regard, your Administration/Organization is urged to ensure that participants have necessary electronic equipment (e.g. laptops), to enable them to participate effectively at the Meeting.

This letter, all its relevant attachments including the Bulletin describing administrative arrangements for the meeting, and Working/Information Papers (as they become available), will be posted on the ICAO website <http://www.icao.int/esaf/>

In order to facilitate preparations for the meeting in particular associated logistics, I would appreciate it if you could, as soon as possible, preferably **not later than 18 June 2010**, confirm the participation of your Administration/Organization to the meeting by forwarding your response to the following e-mail address (icao@icao.unon.org) with a copy to (seboseso.machobane@icao.unon.org) or fax number +254 20 762 1092, giving the name(s) of and official/job titles of your participant(s).

Kindly note that in order for delegates who will be arriving in Johannesburg by air to be provided with transportation to the venue, **arrival flight details** must be provided to the email address: konateg@iata.org. It is the responsibility of the delegates to ensure/confirm that the arrival flight information has been received by this address.

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


for Geoffrey P. Moshabesha
Regional Director

Attachment A**PBN Airspace Planning Workshops Planned for 2010**

ICAO, Eurocontrol, and the FAA are set to go on the road in 2010 and hold the first in a series of PBN Airspace Workshops. The objective of the workshop is to provide an insight and basic understanding of the development of a PBN Airspace Concept. It will address the methodology to be used in developing such concepts, apply this methodology through group work by providing unique hands on experience in the actual development of an Airspace Concept based on generic scenarios. The scenarios will address all aspects that drive the operational requirements in the day to day management of a Terminal Airspace, such as capacity, efficiency, safety, accessibility and environment to a certain extend.

The workshops will guide thirty participants from each region, who will actively engage in workshop exercises and present the results; participants will work in multi-disciplinary teams. The workshop will take three and a half days and the participants are expected to have a basic understanding of RNAV and Navigation applications in general and a good command of English.

Intended Audience:

- Technical ATC managers
- Operation terminal and area air traffic controllers
- Regulators (operations approvals officials)
- Airspace planners
- Pans ops specialist
- Air transport technical pilots

2010 PBN Airspace Workshop Schedule:

Asia-Pacific - 18-22 April 2010

South America – 12-15 July 2010

Africa – 6-9 September 2010

Middle East – 25-28 2010

ATS ROUTES DEVELOPMENT COORDINATION AND FIRST MEETING OF THE PERFORMANCE BASED NAVIGATION ROUTE NETWORK DEVELOPMENT WORKING GROUP (PRND WG/1) (JOHANNESBURG, SOUTH AFRICA, 13 – 16 JULY 2010)

PROVISIONAL AGENDA

Agenda Item 1: Adoption of provisional agenda and Election of the Chairperson/Facilitator and Rapporteur

The meeting will review and adopt the agenda; and elect Chairperson from among its members of the PRND WG, to facilitate the meeting and coordinate efforts of the users and the PRND WG objectives.

A Rapporteur to record and report on the outcome of the development of the user requirements, will be nominated.

A Rapporteur will also be nominated to record and report on the outcome of the Joint Session of the Users and the PRND WG will be nominated.

Agenda Item 2: Development of a comprehensive user ATS route requirement

The meeting will develop user requirements based on city pairs, etc. and traffic thereon aiming at the most fuel efficient trajectories. The requirements will be defined in detail and provide to the extent possible geographic coordinate information defining desired trajectories.

Agenda Item 3: ATS route implementation prioritization

The meeting will develop prioritized list of the requirement in order to assist management of focus necessary to spur implementation. The prioritization will be based on existing matrices and be performance driven. Ease of implementation will be factored into the process of prioritization.

Agenda Item 4: ATS route trajectory validation

The meeting will review the feasibility of the user requirements and endorse/validate the same noting where applicable implementation challenges and proposing solutions.

The application of PBN concept will be favoured over terrestrial navigation aids.

Lower and Upper airspace structures should not necessarily have aligned trajectories. i.e. where direct a trajectory is feasible in the upper airspace but not in the lower airspace, a trajectory may then be established in the upper airspace only. The direct upper airspace trajectory will be established if operational benefits are identified.

This will be a joint session of the PRND WG and the users

Agenda Item 5: Development of Strategy and assignment of responsibilities

The meeting will develop strategy/ies that are considered effective in achieving the most results with minimum delay. Furthermore, parties responsible for specific implementation actions will be identified and their tasks communicated to them directly and through the Regional Offices.

Agenda Item 6: Terms of Reference and Future Work Programme of the PRND WG

The PRND WG will review its terms of reverence in light of the Regional Performance objectives and identified work, and if necessary propose revision. The Working Group will also detail its future work programme including tasks to be advanced and coordinated through electronic means, and identify date and venue of its next meeting.

Agenda Item 7: Any other business.

Any other matters not specifically provided for and covered under the above agenda items, might be addressed under this agenda item.

Note:

The users will lead the business under agenda items 2 and 3. The PRND WG will lead the business under agenda items 4, 5, 6.



**INTERNATIONAL CIVIL AVIATION ORGANIZATION
EASTERN AND SOUTHERN AFRICAN OFFICE**

**FIRST MEETING OF THE PBN ROUTE NETWORK WORKING GROUP (PRND
WG/1) AND ROUTE COORDINATION (JOHANNESBURG 13-16 JULY 2010)**

INFORMATION BULLETIN

1. SITE OF THE MEETING

1.1 The Meeting will be held at the Indaba Hotel, William Nicol Road, Fourways, South Africa. The IATA Regional Office for Africa is located at Sandown Mews, East Block, Ground Floor, 88 Stella Street, Sandown 2196, Johannesburg, South Africa. Working hours are from 08h30am to 17h00pm, Monday to Friday except on public holidays. Contact details are:

Telephone: +27-11- 523 2700
 Fax: +27-11- 523 2704
 e-mail: KonateG@iata.org

Meeting Coordinator:

Mr. Gaoussou KONATE
 Tel. +27-11-523 2732
 Cell +27-82- 331 3259
 e-mail: KonateG@iata.org

ICAO ESAF Regional Office Contact
 Mr. Seboleso Machobane, RO/ATM
 Tel. +254-20-7622372/74
 e-mail: seboleso.machobane@icao.unon.org

2. ACTIVITY TIMES

Registration

2.1 Registration of participants will be from 08:00 to 08:30 hours on July 13th, 2010.

Opening Session and meeting hours

2.2 The official opening of the First meeting of the PBN Route Network Working Group (PRND WG/1) and Route Coordination will take place on July 13th, 2010 at 09:00 am.

Meeting hours

2.3 The formal meeting will commence immediately after the official opening on July 13th, 2010 up to 17:00. On the second day the meeting will hours will be from 08:30 am to 17:00 pm. Times for tea/coffee and lunch breaks will announced in due course or on the first day of the meeting.

3. HOTEL INFORMATION

3.1 Participants have been booked at:
 Indaba Hotel, William Nicol Road, Fourways, RSA
 Tel:+27 11 840 6600 / Fax:+27 11 840 6610 / <http://www.indabahotel.co.za>

4. TRANSPORTATION

From the Airport

4.1 Johannesburg OR Tambo International Airport is located 24 kilometres (about 30 minutes drive depending on the traffic) one-way to/from Fourways. Transportation has been arranged with the Indaba Hotel for pick-up from the airport to drop-off at the hotel v.v. Please ensure that your arrival flight details have been communicated to IATA.

To and from the venue (Indaba Hotel)

4.2 There will be no daily transportation to/from the venue (Indaba Hotel). Participants who will be accommodated at hotels other than Indaba Hotel will be responsible for their own transportation to and from the venue.

5. VISA

5.1 Please check with your local South African consulate for visa requirements.

5.2 An invitation letter to support your visa application can be provided by the IATA office on request. Please provide your flight and passport details i.e. full name as per passport, date of birth, date of issue, date of expiry and place of issue.

6. HEALTH

6.1 Participants **must** ensure they take out travel insurance (including health) from their home country for the duration of their stay in South Africa. Participants should particularly ensure that their insurance is applicable in South Africa. Furthermore, participants must carry evidence of current health/hospitalization insurance such as cards that may be produced to health institution should the need arise.

6.2 Participants are also strongly encouraged to provide information during registration, on their next of kin who may be contacted on behalf the participant should the need arise.

6.3 Participants areas where yellow fever is endemic, including those from the following States are required to carry current and be ready to present yellow fever certificate at the point of entry: – Angola, Benin, Burkina Faso, Burundi, Comoros, Central African Republic, Chad, Congo, DRC, Ivory Coast, Ethiopia, Gabon, Gambia, Ghana, Guinea Bissau, Guinea Equatorial, Kenya, Liberia, Mali, Mauritania, Mozambique, Niger, Nigeria, Somalia, Congo, Rwanda, São Tomé e Príncipe, Senegal, Sierra Leone, Tanzania, Togo, Uganda. Participants are highly encouraged to visit World Health Organization (WHO) website <http://www.who.int/ith/> for information concerning visit to South Africa.

6.4 Information on clinics, pharmacies and hospitals nearest to the Indaba Hotel will be provided by the hotel upon check-in.

7. WEATHER AND LOCAL TIME INFORMATION

7.1 The mean minimum temperature during the month of July is 9^oC and the mean maximum temperature is 21^oC, Rain – 60mm. Time in South Africa is GMT +2.

8. LOCAL CURRENCY AND FOREIGN EXCHANGES RATES

8.1 The basic unit of currency is the South African Rand (R or ZAR), which is divided into 100 cents. There are silver and bronze coins up to R5.00. Notes are available in denominations of R10, R20, R50, R100 and R200.

8.2 Exchange rates for the South African Rand vary from time to time and are readily available on internet. It should be noted however that currency exchange bureaux and banks usually have different rates from those found on internet. The average Rand/US Dollar exchange rate on 14th May 2010 on internet was 7.53. Commercial Banks and Forex bureaux provide exchange facilities. Most banks are open between 9.00 am to 3.00 pm from Monday to Friday and between 9.00 am to 11.00 on Saturdays. Hotels also offer exchange facilities but at an extra fee.

8.3 Participants must be encouraged to visit the South African Revenue Services website at www.sars.gov.za for information on South Africa Customs, Currency & Airport Tax regulations details.

9. TELEPHONES

9.1 World wide direct connections are available, using the international code or telephone operator if necessary. From abroad dial 27 followed by city code and the required number. There are 4 mobile operators: MTN, Vodacom, Cell C and Virgin Mobile South Africa. You can buy a sim card at relatively small fee at various locations such as cell phone shops and supermarkets. However, the sim card must be registered before it can be activated. Your passport will be required to register the sim card.

10. SECURITY

10.1 Please ensure that you:

- Avoid carrying large amounts of cash. When using cash make sure you have a good mix of smaller denominations – notes and coins.
- Separate cash from credit cards.
- Use bank ATMs only in well-lit areas
- Avoid being in dark and isolated places

-----END-----