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Международная
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منظمة الطيران
المدني الدولي

国际民用
航空组织

Ref ES AN 1/6.6S- 0400

6 August 2009

Subject: Surveillance Workshop for the AFI Region and the First meeting of AFI Surveillance Task Force (Johannesburg, South Africa, 14-18 September 2009)

Action to be taken: Reply before 20 August 2009

Sir/Madam,

I have the honour to invite your Administration to participate in a Surveillance Workshop for the AFI Region which will be held at the Air Traffic and Navigation Services (ATNS) Aviation Training Academy in Bonaero Park, Johannesburg, South Africa, from 14 to 16 September 2009. This will be followed by a two day AFI Surveillance Task Force meeting from 17 to 18 September 2009. The workshop and the meeting will be conducted in the English language only.

The objective of the workshop is to expose the surveillance technologies available on the market to AFI States and to use the workshop as a guideline to facilitate discussions of the AFI Surveillance Task Force. The Workshop will address the following:

- Primary and Secondary surveillance Radars (PSR & SSR);
- Automatic Dependent Surveillance – Contract & Broadcast (ADS-C & ADS-B);
- Multilateration Systems; and
- Related Implementation, Operational and Performance issues.

ATNS (South Africa) which has a comprehensive surveillance system has made arrangements for the participants to observe some of their surveillance systems in operation. In this regard, in order to facilitate the arrangements of permits to access surveillance systems

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facilities, it is important that the names of participants to the workshop as well as the details indicated hereunder are forwarded to ICAO as soon as possible.


- Name of participant exactly as written in the passport
- Name of employment organization/government agency
- Employment position and official title
- Nationality
- Passport details (Issuing authority, number, place and date of issue)

Kindly be reminded that, in accordance with the current ICAO policy to reduce costs, hard copy (paper) documentation at the meeting will be kept to a minimum, in favour of the use of multimedia projectors and electronic copies. Other than in exceptional cases, working/information papers and related documentation will not be provided in hard copy format.

In light of the above, your Administration is urged to ensure that participants have necessary equipment to enable them to participate effectively at the workshop and in the meeting. In this regard, participants are advised to bring suitable computer equipment (such as laptops) and USB (removable) storage to the workshop and the meeting. Participants can also print from the relevant websites and bring along hard copies.

I would appreciate if you could, as soon as possible, preferably not later than **20 August 2009**, confirm the participation of your Administration/Organization to the workshop and meeting, providing names and other details indicated above.

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


Geoffrey P. Moshabesha
Regional Director

INFORMATION BULLETIN

1. VENUE

1.1 The Three (2) Day Surveillance Workshop and two (2) days AFI Surveillance Task Force meeting will be held at the ATNS Aviation Training Academy in Bonaero Park, Johannesburg, South Africa from 14 to 18 September 2009.

2. REGISTRATION

2.1 Participants are requested to pre-register by filling the attached registration form and sending it by fax to ICAO at 254-202-7621092 or e-mail: icao@icao.unon.org. Based on the duly completed pre-registration form received by, name badges will be issued on site. Participants will be required to reconfirm their registration at the registration desk on the first day of the workshop.

3. OPENING SESSION

3.1 The official opening of the Surveillance Workshop will take place on 14 September 2009 at 09.00 a.m. The formal workshop and meetings will be held daily from 08.30 a.m.

4. WORKING LANGUAGE

4.1 The workshop will be conducted in English (translation facilities will not be available).

5. HOTEL INFORMATION

5.1 Participants are requested to make their own hotel reservations.

6. TRANSPORTATION

6.1 Participants are requested to make their own transportation arrangements.

7. LOCAL LANGUAGE

7.1 There are 11 officially recognized languages, most of them indigenous to South Africa. Everywhere you go, you can expect to find people who speak or understand English. Road signs and official forms are in English. At any hotel, the receptionists, waiters and porters speak English. English is the language of the cities, of commerce and banking, of government, of road signs and official documents.

8. HEALTH

8.1 Medical facilities in cities and larger towns are world-class. Trained medical caregivers are deployed round the country, so help is never far away.

8.2 While there are risks anywhere, South Africa has a relatively salubrious climate and our levels of water treatment, hygiene and such make it a pretty safe destination.

8.3 High-quality tap water is available almost everywhere in South Africa, treated so as to be free of harmful micro-organisms and is both palatable and safe to drink straight from the tap. Bottled mineral water, both sparkling and still, is readily available in most places.

9. WEATHER AND LOCAL TIME INFORMATION

9.1 The winter climate in Johannesburg is generally warm and dry. Indeed, daytime temperatures can reach as high as 25°C / 77°F. On the other hand, it can feel quite chilly during the evening and it is not uncommon to experience freezing temperatures at night.

10. LOCAL CURRENCY AND FOREIGN EXCHANGES RATES

10.1 The basic unit of currency is the South African Rand (R), which is divided into 100 cents.

10.2 You can use Visa and MasterCard almost everywhere, and bank by ATM or online.

10.3 The banks are generally open from 09h00 to 15h30 Mondays through Fridays, and 08h30 to 11h00 on Saturdays, but those at the airports adjust their hours to accommodate international flights.

10.4 All major credit cards can be used in South Africa, with American Express and Diners Club enjoying less universal acceptance than MasterCard and Visa. In some small towns, you may find you'll need to use cash.

10.5 One anomaly - you can't purchase fuel with a credit card. Many locals have special fuel credit cards, known as garage or petrol cards, for use only at filling stations. You can, however, pay road tolls with MasterCard or Visa.

11. HOURS OF BUSINESS

11.1 The working week in South Africa runs from Monday to Friday (0800-1700hrs) and Saturday (0800-1300 hrs) and Sunday being a holiday.

11.2 Tipping is optional. It is however usual to tip for restaurant service and hotel porters. Value added tax (VAT) is levied on most goods and services but as a foreign national you may reclaim VAT on anything you bought for over R250 to take out of the country unused. You need to do this before you embark on your flight home and you will have to produce the original tax invoice for the item.

12. ELECTRICAL SUPPLY

12.1 Local voltage is 220/240 V 50 Hz.

13. TELEPHONES

13.1 World wide direct connections are available, using the international code or telephone operator if necessary.

13.2 From abroad dial 27 followed by required number. There are 3 mobile operators: Vodacom, MTN and Cell C.

13.3 You can rent mobile phones – known here as cell phones from the airport on arrival. You should find an Internet café in even the smallest towns, and the postal service works, offering the usual letter and parcel services as well as secure mail, freight and courier services.

13.4 Public telephones are either coin- or card-operated. Phone cards can be purchased at certain stores, post offices and airports.

MAP OF SOUTH AFRICA



map.pdf

GUEST LODGES	CONTRACT				E-MAIL
The Avenue Country Lodge	Khauschik & Pranil	TEL	:(033)342 9090/2	073 560 2225	khauschik@gmail.com
		FAX	: (033) 394 4663	084 557 7831	
Club Africa	Sharmaine Labuschagne	TEL	: (011) 975 4837	082 451 2547	anton555@worldonline.co.za
		FAX	: (011) 970 1878		
Eden Lodge	Johan & Hester van Eden	TEL	: (011) 396 2298	084 205 5203	vaneeden@isat.co.za
		FAX	: (011) 396 2298	084781 1396	
Ikwewezi	Liezel or Fifi	TEL	: (011) 979 3662	083 227 2952	Lizelle15@hotmail.com
		FAX	: (011) 979 3449	083 611 9282 076 051 1438	ikwekwezi@mweb.co.za
Willow Tree	Ian & Shelley	TEL	: (011) 972 3034	083 256 0385	shelley@willowtreeguesthouse.co.za
		FAX	: (011) 391-3283	083 376 0145	
Afrika Lodge	Glen Taylor or Anthony	TEL	: (011) 391 8108	083 447 8769	afrikalodge@worldonline.co.za
		FAX	: (011) 972 5055		
Elizabeth Lodge	Paul or Tyrone or Tracy	TEL	: (011) 918 5396/7	073 177 8951	elizabethlodge@icon.co.za
		FAX	: (011) 918 5399		
Riverside Palms	Raylene Sayers	TEL	: (031) 573 1488	084 245 8366	raylene@riversidepalms.co.za
		FAX	: 0866133212		
Timosha Guest Lodge		TEL	: (011) 976 3197	082 305 0595	timosha@mweb.co.za
		FAX	: (011) 976 3197		
Khokhumoya		TEL	: (011) 827 6309	072 704 3443	Khokumoya@yahoo.com
		FAX	: (011) 827 2800		
Charlitex Lodge		TEL	: (011) 403 3211	072 337 4114	charlitex@yahoo.com
		FAX	: (011) 403 3211		
Sun Flower B & B	Pam Foster	TEL	: (011) 395 4319	082 3781681	
		FAX	: (011) 395 4319		
Mannah	Linda & Tony	TEL	: (011)979 2820/1690	082 859 5133	
		FAX	: (011) 979 4796		
Marben Manor	Yvonne & Willem Bester	TEL	: (011) 973 4200		
Airport Lodge	Koos & Phyllis Loots	TEL	: (011) 979 2365	082 851 7232	reservations@airportlodge.co.za
		FAX	: (011) 979 2365		
Birchwood Hotel		TEL	: (011) 897 0000		

**TERMS OF REFERENCE OF
AFI SURVEILLANCE IMPLEMENTATION TASK FORCE
(AS/I/TF)
(AS GIVEN BY APIRG/16)**

1. Determine the operational performance requirements for aeronautical surveillance in the AFI Region, en-route, terminal areas (TMAs) and aerodromes operations.
2. Identify and quantify near term and long term benefits of relevant candidate surveillance systems.
3. Develop a draft AFI Surveillance plan including recommended target dates of implementation, taking into account:
 - availability of SARPs,
 - readiness of airspace users and air navigation service providers
 - relevant RAN and APIRG recommendations, conclusion and decisions pertaining to aeronautical surveillance.
 - Work done by ICAO Surveillance Panel with the view to avoiding any duplication

Note: *The task Force should report to the next APIRG meeting with preliminary report to the ATS/AIS/SAR and CNS sub groups.*

Composition: *ATNS (South Africa), ASECNA, IATA, Algeria, Ghana, Kenya, Nigeria, Rwanda ,Tanzania and IFALPA*



International Civil Aviation Organisation

**THE FIRST MEETING OF AFI SURVEILLANCE TASK FORCE
(Johannesburg, South Africa, 17 - 18 September 2009)**

PROVISIONAL AGENDA

AGENDA ITEM	SUBJECT
1.	Adoption of Provisional Agenda and election of Rapportuer for the Task Force
2.	Determination of the Work programme
3.	Review of the Current Surveillance Systems in AFI
4.	Updating of Appendix G of Doc003 under surveillance
5.	Future Work Program
6.	Draft Surveillance plan



International Civil Aviation Organization

**THREE DAY SURVEILLANCE WORKSHOP
(Johannesburg, South Africa, 17 - 18 September 2009)**

DRAFT AGENDA

(Presented by the Secretariat)

AGENDA ITEM	SUBJECTS
1	Evolution of Aeronautical Surveillance
2	Summary of relevant ICAO activities, developments and provisions
3	Overview of Primary and Secondary Surveillance Radars
4	Distribution of surveillance data
5	Overview of ADS- Contract
6	Basic ADS-B Concept and applications
7	Fundamentals of Multilateration Systems
8	Trials and Implementations in other ICAO Regions
9	Comparison of Surveillance Technologies
10.	Roadmap for Aeronautical Surveillance from Users' Perspective
11.	Any other business