



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

BUREAU AFRIQUE OCCIDENTALE ET CENTRALE / WESTERN AND CENTRAL AFRICAN OFFICE

15, BOULEVARD DE LA RÉPUBLIQUE, BOÎTE POSTALE 2356, DAKAR, SÉNÉGAL

TEL.: (221) 839.93.93
FACSIMILE: (221) 823.69.26

SITATEX: DKRCAYA
E-Mail: icaodkr@icao.sn

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SR 3/76 - 0820

2 October 2007

**Subject: Sixteenth Meeting of the AFI Satellite Network Management Committee (SNMC/16)
(Dakar, 17 – 19 December 2007)**

Sir/Madam,

I wish to refer to my previous letter ref. SR 3/76 – 0191 dated 16 March 2007, whereby all AFI Satellite Network Management Committee (SNMC) Members were informed of the difficulties encountered by the ICAO Regional Office for Western and Central Africa to convene the sixteenth meeting of the Committee (SNMC/16) in Conakry, Guinea as initially intended.

Please be advised that, as an interim measure and in order to expedite matters, it is proposed that the SNMC/16 meeting be held in Dakar, Senegal, from 17 to 19 December 2007, at the premises of the ICAO Regional Office. The tentative Agenda for the SNMC/16 meeting is attached hereto. As indicated in the above referred letter, SNMC/16 will review the follow-up action taken by SNMC Members on matters arising from SNMC/15, analyze the network performance and features, assess the network sustainability and discuss issues related to its optimization, development and modernization. The meeting will also review the outcome of the ICAO Special Implementation Project on the technical evaluation of AFISNET.

In accordance with the established practice, the meeting's discussions will be held in the English language, and related documentation should therefore be submitted in this language.

Your Administration/Organization is invited to attend and take an active part in the meeting by preparing working papers on the various Agenda items, providing relevant inputs such as operational end-to-end statistics on circuit availability and transit times, earth stations performance, carrier availability rates, concerning AFISNET earth stations under its management together with supported AFS links and extended VHF radio coverage, as applicable.

Your particular attention is drawn to Agenda Item 5 under which AFISNET Administrations/Organizations are expected to submit the basic parameters for IBS links they manage, which include the following (for each link):

- transmit/receive stations,
- antenna diameters,
- uplink frequency
- downlink frequency,
- information bit rate, forward error correction (FEC),
- phase modulation,


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- allocated bandwidth,
- uplink effective isotropic radiated power (EIRP),
- downlink broadcast (DLBC) power,
- carrier over noise (CONO) ratio,
- satellite transponder and beam used.

Additionally, it is expected that the SNMC/16 Meeting will identify ways forward for upgrading AFISNET performance, achieving its smooth integration with other regional networks, and ensuring that it meets future communication requirements. In this connection, AFISNET Administrations/Organizations should provide the meeting with detailed information on expected and future applications and their associated bit rates. Such information would be used in the systems design of the upgraded AFISNET and would also be a factor to consider in the context of capacity for integration with other networks.

Kindly advise at your earliest convenience but not later than 15 November 2007 whether your Administration/Organization intends to participate in the SNMC/16 Meeting, and accordingly indicate the name and designation of your delegates.

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



A.O. Guittaye
ICAO Regional Director
Western and Central Africa Office

Attachment:

**SIXTEENTH MEETING OF AFI SATELLITE NETWORK MANAGEMENT COMMITTEE
(SNMC/16)
(Dakar, Senegal, 17 – 19 December 2007)**

PROVISIONAL AGENDA

- 1) Follow up on SNMC/15 Conclusions
- 2) Review of operational statistics of availability for AFISNET-supported links
- 3) Review of AFISNET earth stations performance by Administrations/Organizations
 - *Stations MTBF and MTTR performance*
 - *Submission of turnaround times statistics*
- 4) Review/Updating of AFISNET nodes
 - *AFS nodes: Location, geographical coordinates*
 - *Extended VHF nodes: Location, geographical coordinates, coverage/range*
- 5) Submission by AFISNET Administrations/Organizations of basic parameters for all managed IBS links
- 6) Guidelines on performance for VSAT networks
- 7) Review of the ICAO Technical Evaluation of AFISNET
- 8) AFISNET modernization and integration with other regional networks in AFI
- 9) Presentations by representatives from the industry
- 10) Any others business
 - Status report on:
 - a) Standardization of the Internet Protocol Suite (IPS)
 - b) Development of end-to-end performance requirements for the formulation and administration of contracts for obtaining managed services.
