

APPENDIX A**STATUS OF PLANNING AND IMPLEMENTATION OF AERONAUTICAL FIXED SERVICE (AFS) REFERRED TO THE GEOGRAPHICAL AREA COVERED BY THE MEETING****Status of implementation of printed COM requirements**

1. The status of implementation of the AFTN circuits is the following:

- Central America:** It does not have the requirement of AFTN circuits with the SAM Region States. AN AFTN automated centre was implemented and located in Tegucigalpa.
- Colombia:** Four recommended AFTN circuits and message exchange is being carried out by means of three of them (Bogota/Lima, Bogota/Caracas and Bogota/Guayaquil). The Bogota/Panama circuit has not been implemented. The circuit Bogotá/Guayaquil is implemented by means of a VSAT terminal of the Colombian network implemented in Guayaquil. The circuit Bogota/Caracas is implemented at low speed, but Colombia and Venezuela are considering to increase the modulation rate of same. The mentioned three circuits were implemented as part plus data analog multiplexed circuits. An automatic AFTN centre was implemented and located in Bogota.
- Ecuador:** Two recommended AFTN circuits (Guayaquil-Lima and Guayaquil-Bogota) are implemented, with a satisfactory operational availability. These two circuits were implemented as part of analogue voice plus data multiplexed circuits. An automatic AFTN centre is implemented and located at Quito.
- Jamaica:** There are no requirements of AFTN circuit with the SAM Region States. An automatic AFTN centre is implemented and located at Kingston.
- Panama:** The circuit Panama-Bogota is not yet implemented and its implementation is not scheduled. The message interchange with Colombia is made though the main AFTN centre of United States. An AFTN automatic centre was implemented and located in Panama City.
- Netherlands Antilles:** There are no requirements of AFTN circuit with SAM States. Outside of CAR/SAM FASID, a 50 baud AFTN circuit is kept in operation with Caracas. An automatic AFTN centre was implemented and located in Curacao.
- Trinidad and Tobago:** In relation to the recommended circuits in the boundaries of the CAR/SAM Region, the trunk AFTN circuit Port-of-Spain/Caracas has some deficiencies, but the concerned States are studying the solutions. An AFTN communication centre was implemented and located in Curacao.

Venezuela: In the meeting's coverage area, two trunk circuits (Caracas/United States and Caracas/Port-of-Spain, and the tributary circuit (Caracas/Bogota) were recommended. Messages are exchanged through all circuits. With the exception of the Caracas/Port of Spain circuit, the operational availability has been acceptable in the rest of the circuits and seems to meet operational requirements. The Caracas/United States is a multiplexed digital circuit integrated to the Caracas/San Juan ATS speech channel. Automatic AFTN centre located at Maiquetía.

Status of implementation of ATS speech circuits

2. Status of implementation of ATS speech circuits require among pairs of ACC/FIC required by ACC/FIC is as follows:

Barranquilla ACC: In addition to Bogota ACC, Barranquilla ACC has other communication requirements with the ACCs of Curacao, Kingston, Maiquetia, and Panama which are met through the Bogota voice switching system. When the primary means fail, international direct dialing (IDD) is used. Improvements have been done to the speech circuit ATS Barranquilla ACC - Kingston ACC, but the cost of the monthly leasing is very high.

Bogota ACC: The Bogota ACC communications requirements with the ACCs of CENAMER, Guayaquil, Maiquetía and Panama are met through the Bogota voice switching system. In the event of failure of the primary means, public telephone international direct dialing (IDD) is used as an alternate.

Central America ACC: Cenamer ACC has communication requirements with Bogota ACC, Guayaquil ACC and Panama ACC. The first two are met through the connection of the Cenamer ACC to the Bogotá ATS voice switch circuits. The Cenamer ACC/Panama ACC requirement is met through a dedicated circuit through the MEVA network.

Guayaquil ACC: The Guayaquil ACC has communications requirements with the Bogota, Cali and Cenamer ACCs using the Bogota voice switch. The circuits with Colombia use ATS voice communications channels of a VSAT Station of the Colombian network of Guayaquil.

Kingston ACC: The Kingston ACC has communication requirements with the ACCs of Barranquilla and Panama. The requirement at Barranquilla is met through the Bogota switch and there are problems of availability of the service and high costs. A circuit is established with Panama through the MEVA network.

Maiquetia ACC: Maiquetia ACC has communications' requirements with Barranquilla, Bogota, Curacao, Georgetown, Piarco and San Juan. Requirements with ACCs at Barranquilla and Bogota, are met through commuting services at the Bogota voice switch. The other requirements are met through dedicated circuits. It is planned that Maiquetia joins the E/CAR network. The ACC Maiquetia may access the ACC Curacao through the Bogota switch.

Panama ACC: Panama ACC has communication requirements with Colombian ACCs at Barranquilla, Bogota, Cali, Medellin and the San Andres APP. These requirements are met through the Bogota voice switching system. Panama ACC also has requirements with Cenamer ACC and Kingston ACC which are met through the MEVA network. The IDD is used intensely in Panama as an alternative.

Piarco ACC: Piarco ACC has communications requirements with ACCs of Georgetown, Maiquetia, Paramaribo, Rochambeau and San Juan. Requirements with Georgetown and Maiquetia are met through dedicated systems through IDD with Paramaribo and Rochambeau and with San Juan with a dedicated circuit through the E/CAR network.