

INTERNATIONAL CIVIL AVIATION ORGANIZATION
INFORMAL CAR/SAM 02/00 AIS/ATM/CNS MEETING
(Cayenne, 27 to 29 March, 2001)

Agenda Item 3: Review of relevant CNS matters, considering:

- a) AFS deficiencies and shortcomings
- b) AMS deficiencies and shortcomings
- c) Surveillance plans and radar implementation

(Presented by France)

Summary

This working paper presents the problems with AFTN messages transmission.

1) Processing of high priority messages

The messages with high priority (SS) are not correctly processed by the computers when they are received in Rochambeau.

The problem was identified by the technical service.

The signal LINEFEED is not present after the five characters BELL.

This fault doesn't appear when the message is displayed on a screen or when it is printed with a printer, because many printers add automatically one LINEFEED character after the CARRIAGE RETURN character.

With a telegraphic printer, we can verify that the 2 first lines are garbled.

After contact with some switching centers (Madrid, Caracas and Brasilia), they answer that the messages were correct.

But the messages are incorrect when they are received in Cayenne.

2) Automatic repetition of AFTN messages.

We verify that incorrect AFTN messages are not repeated after a request of our computer.

Suggested action

The technical concerned services are invited to check the conformity of high priority messages sent to Cayenne.

They are also invited to check that AFTN messages are correctly repeated on request of Cayenne computer.