

INTERNATIONAL CIVIL AVIATION ORGANIZATION

CAR/SAM AIS/ATM/CNS 02/00 Informal Meeting

(Cayenne, 27-29 March 2001)

- Agenda Item 1: Review of AIS relevant matters, considering:**
- a) **WGS-84 implementation issues**
 - b) **Implementation of relevant CAR/SAM/3 RAN meeting recommendations and conclusions**

(presented by France)

Summary

This working paper presents information related with the implementation of the WGS-84 by France.

1. **Background**
 - 1.1. In July 1994, ICAO adopted the World Geodetic System 1984 as geodesic reference common to civil aviation. This was to come into effect on 1 January 1998 for all ICAO member States.
 - 1.2. Consequently, France decided on the necessary action to implement this geodetic system and measured the geographical coordinates for aeronautical radionavigation aids, on its territory.
 - 1.3. In French Guyana, the measurements concerned 8 airfields and 30 radioelectric aids and took place in 1997.
 - 1.4. The geographical coordinates have been published in WGS 84 since January 1998 in the AIP CAR/SAM/NAM. They are measured, calculated and declared, in accordance with Doc 9674, Chapter 2.
 - 1.5. The following list concern the radioelectric aids, the points declared and the points calculated in Rochambeau FIR.

1.6. Radioelectric aids measured

NDB	FXC	04° 49'28.6762" N	052° 21'46.3732" W
VOR/DME	CYR	04° 48'49.0766" N	052° 22'06.1769" W
DME	CA	04° 48'50.5669" N	052°22'17.0313" W
ILS	CA	04° 49'36.7932" N	052° 20'46.6776" W

1.7 Entry points into TMA Cayenne: calculated

DABRA	04° 19'25" N	052° 49'25" W
GEDAX	04° 57'50" N	053° 01'09" W
SILAT	05° 27'38" N	052° 32'29" W
ALDIX	04° 14'22" N	052° 01'29" W
KALEP	05° 10'27" N	053° 10'38" W

1.8 Entry points into FIR Rochambeau: declared

REBER	03° 11'44" N	052° 18'00" W
OTÓN	05°40'00" N	052° 30'00" W
ATITA	02° 15'00" N	053° 56'00" W
DIMAS	02° 55'00" N	054° 10'00" W
VILAS	04° 40'00" N	054° 25'00" W
NASON	04° 55'00" N	054° 29'00" W
MIKOK	05° 15'15" N	054° 18'00" W
MILUX	06° 15'00" N	054° 00'00" W
BUXEX	06° 45'00" N	054° 00'00" W

1.9 Suggested action

The meeting is invited to take note
