

IGRGEA LETTER

International Geophysical Research Group Europe -Africa

AIM OF THE LETTER

During the International Equatorial Electrojet Year, IEEY, (Nov. 1992 to Nov. 1994) a working group has been set up. It associated scientists from various European and African countries engaged in several scientific disciplines.

It maintained for these two years a network of instruments in West Africa.

Now measurements have to be followed by data management and modelization.

IGRGEA (International Geophysical Research Group Europe Africa) has been created in order to continue the IEEY project with the same working group. its aim is to promote geophysical (and telecommunication) science in Africa.

Vice President : A. T. Koba (Ivory Coast - ABIDJAN University)

Vice President : J. Vassal (Senegal - ORSTOM)

Assistant : E. Sambou (Sénégal - DAKAR University)

Scientific secretary : C. Amory-Mazaudier (France - CETP)

In order to help communication among the working group, we will issue the IGRGEA letter on a quarterly basis.

KORHOGO SITE

During the IEEY, a geophysical observatory has been created at Korhogo, near the magnetic equator.

Three instruments have been set up : an ionosonde, an optical interferometer and a magnetometer. An HF radar should be also set up in 1995.

This observatory will participate to the studies coordinated within the international STEP programme.

Scientific Representatives :

A.T. Koba, et E. Houngrinou, University of Abidjan (Fac. Sciences and Techn. of Abidjan Department of Atmospheric Physic, B.P. 582, Abidjan 22, Ivory Coast), assistant : Christine Amory-Mazaudier.

Dominique Unguran, VSN (military service worker) on post at Korhogo (16 months in 1993-1994) for scientific operations is now back to France. He has been replaced by Patrice Merrien. We are thankful for the multiple

missions he completed, including the starting up of the APL interferometer.

DATA BASE

The database put together during the IEEY will be open by the end of 1995, to the international community. All the participants must rapidly send the last issue of the two years results to Christine Amory-Mazaudier.

A data base will be built for the Korhogo observatory.

BOULDER 1995, JULY 3rd

Session 7.01 title:

Presentation and reviews of data and results acquired during IEEY and other electrojet studies.

31 papers will be presented during the session 7.01 (see list enclosed).

FUTURE GIRGEA PROJECTS

* **Study of HF telecommunications in the equatorial zone** with the HF radar of Korhogo, (LETTI- ABIDJAN University -CITELCOM), 1995 - .

** **Participation to the OERSTED mission (1996-)**, a three ground magnetometer network (ORSTOM-IPGP-ABIDJAN University) will help interpreting the satellite data for internal magnetic field variations.

*****Telecommunication project based at Dakar (1995 -)** and HF links DAKAR-ABIDJAN (CNET/Lannion - Université de DAKAR, ABIDJAN University , Telecommunication institutes).