



# INTERNATIONAL EQUATORIAL ELECTROJET NEWS

## AIM OF THE LETTER

The aim of this bi-monthly letter is to inform about the International Equatorial Electrojet Year project in the Europe-Africa sector.

## SETTING UP THE IONOSONDE AT KORHOGO

The preliminary work has succeeded, thanks to the coordination around Fabrice Jullien, Mr J. Henry, in special mission from LANNION, started the system right at the projected date : 1st November 1992.

Mr E. Kone is now resident at the station since the end of November for the maintenance and daily observations of the ionosonde. He will attend to the permanent operations of the other instruments (Fabry-Perot interferometer, HF. radars) with Messrs A. Koba and E. Hougninou.

The help of a V.S.N. (Commissioned Army Services Officer) from France for these multiple jobs appears necessary.



## MAGNETIC CHAIN: LAST MESSAGE

We have started setting up the chain of 10 magnetotelluric stations. We hope to have it fully operating by November. The stations will be controlled from DAKAR via an Argos beacon network. The ground team will be based at BAMAKO (Mali). The exact location of the northern sites, not all fully decided, will re-use previous ORSTOM network's sites.

The setting up of the ORSTOM mission started on November 20. Nine stations were in operation by December 5. Tombouctou, not presently accessible by air, should be started early next year.

The nine sites are working well and sending daily control messages to the Dakar and Bamako ARGOS receivers.

The first data collection is expected for the second half of January 93.

The chain is composed as follows :

N°	Town	Code	Lat. N	Long. O
1	TOMBOUCTOU	TOM	16°44'00"	3°00'00"
2	MOPTI	MOP	14°31'00"	4°35'30"

3	SAN	SAN	13°14'00"	4°52'30"
4	KOUTIALA	KOU	12°21'00"	5°27'00"
5	SIKASSO	SIK	11°22'30"	5°44'00"
6	NIELLE	NIE	10°13'00"	5°38'00"
7	KORHOGO	KOR	9°20'00"	5°26'00"
8	KATIOLA	KAT	8°11'00"	5°03'00"
9	TIEBOUSSOU	TIE	7°13'00"	5°14'30"
10	LAMTO	LAM	6°14'00"	5°01'30"

The ORSTOM group with Messrs Foix, Ducan and Vassal was assisted by two workers from Mali.



## ALGERIA

For security reasons the revision at Tamanrasset is being belated to after January 1993.

At the working group on the IEEY data bank we arranged the data exchange procedures, and set a preliminary list of observing periods.

The data are arranged in 3 catalogs according to longitude. Your data are filed into the sector of your instrument.

A document describing the network for data exchange will be sent to all participants by C. Mazaudier.

The first catalogs (one for each sector) should be edited by the end of March 1993.

Persons wishing to send us a questionnaire for being filed in our database mailing list should ask J. Bouvet (see address below).



The three sectors are respectively :

AFRICA : < 330°E-60°E >

data catalog coordinators :

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# INTERNATIONAL EQUATORIAL ELECTROJET NEWS

AMERICA : < 190°E-330°E >

data catalog coordinator :

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ASIA : < 60°E-190°E >

data catalog coordinator :

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400 005 - Maharashtra  
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## PRELIMINARY LIST OF IEEY OBSERVATION PERIODS FOR 1993

### Long campaign year 1993 :

- |                           |  |
|---------------------------|--|
| January 13 --> January 30 | Indian request   |
| March 16 --> April 10     | Indian request   |
| October                   | Coordination with the CADRE project (with rocket launches) |

### Other periods : International Geophysical Calendar :

- February ..... 16, 17, 18
- April ..... 20, 21, 22
- May ..... 18, 19, 20
- June ..... 15, 16, 17
- July ..... 20, 21, 22
- August ..... 17, 18, 19
- September ..... 21, 22, 23
- October ..... 19, 20, 21
- November ..... 16, 17, 18
- December ..... 14, 15, 16

In the African sector we will complete the seasonal covering by a long campaign in June July.



### LETTI RADAR

For Korhogo, 2nd phase. A funding application is now in preparation with the French cooperation Ministry. The setting up is expected for the end of next Northern Summer.

### THE INTERFEROMETER SITUATION

The three crates were out of Customs at Abidjan by December 4. and should reach Korhogo shortly later. Mr Fabrice Jullien will try as much as possible towards setting it up before he leaves Korhogo on December 29.

### LDG/CEA HF RADAR

The crates have been sent to Korhogo on December 11. Mr. J.L. Tireford is coming to the station for a setting up by the end of December.

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\* L'équipe de rédaction \*  
\* vous présente ses \*  
\* meilleurs voeux pour \*  
\* pour la nouvelle année !!! \*  
\* \* \* \* \*

Christine

Josette

Paul

Caroline