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SURVEY ON TELECOMMUNICATIONS IN ANGOLA

By

**A. Kandumba Dos Santos
and
T. Pedro**

SURVEY ON TELECOMMUNICATIONS IN ANGOLA

GEOGRAPHICAL SITUATION

Angola is situated in the Western coast of Africa, it has a surface of 1.240.700 KM² having borders in the North with the Republic of Congo and Zaire, in the East with Zambia and South with Republic of Namibia, in the West with Atlantic Ocean. It has 10 Millions habitants, the capital of the country, Luanda is the major commercial and industrial center.

BRIEF HISTORY

The telecommunications services of Angola were operated by two different companies, one for international traffic and the other for national, these two companies were emerged into one, "Angola Telecom", State owned Company in 1992, which is now the only operator of Telecommunication in Angola. Along with the economical reforms taking place in the country, The liberalization of telecommunications services will start at the end of this year allowing other companies to come to the market, as an attempt to improve the quality, spread basic telecommunications service and start a new ones like data transmission.

ACTUAL SITUATION

The Telecommunications development was deeply affected due to the war in the country, in 1992, the national traffic was reduced by 40% and the second major telecommunication center in the City of Huambo was destroyed. These loses were slightly compensated by the increasement of international traffic.

Despite the above mentioned situation, in 1993 and 1994, we realized that there was an improvement of telecommunications in Angola:

Extension of service of telephone and telex to 7 Provincial capitals, which are connected with the Luanda by VSAT stations,

Digitalization of telex exchanges using X 20 and A Signaling Protocol, (SAGEM ELTEX 5) with a capacity of 1400 subscribers.

A new digital International and national transit exchange is on operation since 1993, using the System 12 technology with Automatic Number Identification "ANI".

Celular telephony service was introduced in 1994 using AMPS analogic technology with the capacity of 1.500 subscribers that can be extended to 7000.

DATA TRANSMISSION SERVICES

The packet switch system "Angopac" actually in operation has 7 subscribers using X 28 Protocol with a velocity of trasmission of 300-1200 bit/sec. The anual income for the service rendered to the Company is around USD. 20.000.00.

As we have seen, the actual packet switching and data transmission system is not adequated for the actual demand of subscribers in number and technical performance. The main reasons of the backwardness in this service are:

Poor state of conservation of the existing telephone network,

Lack of qualified personnal for assistance and maintenance

Financial resources and partnership.

Not having commercial interest for the existing telecommunications Company.

Lack of information about the huge possibility of assessing information that these services can provide.

High rates.

CONCLUSION

Awareing of these problems, Angola Telecom has strong intention to fill this gap and improve Data Transmission and Data Switching services in 1995.

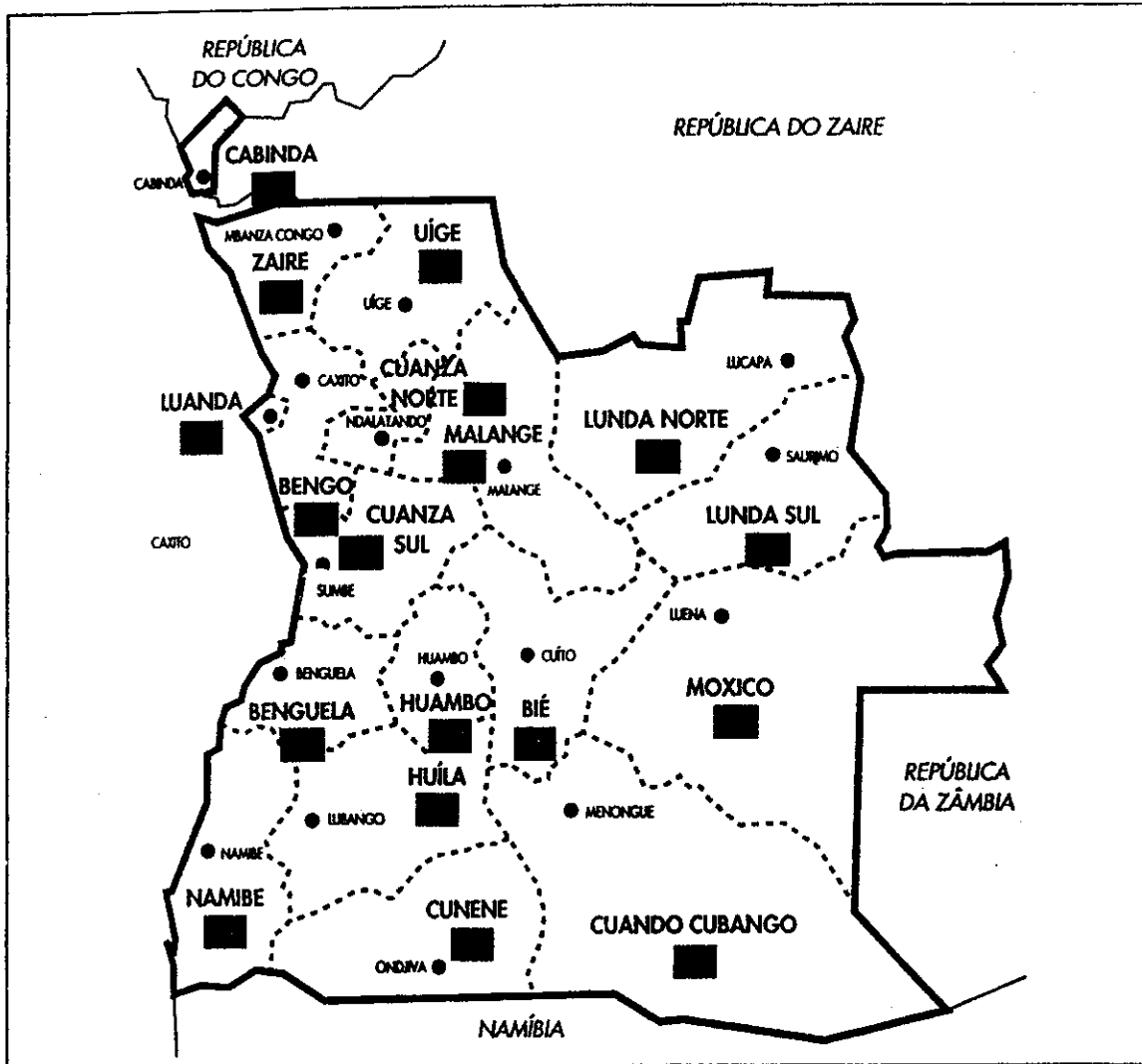
One of the goals of our participation in this meeting is to learn from other African countris that has already advanced service in this area and we would like to thank in advance for the contribution we may get from this meeting.

Thank you.

ANGOLA TELECOM

ABDUL SANTOS & TUNGO PEDRO
Chief of Commercial Department (Luanda)
Chief of telex and Data Transmission Division

Luanda, 27 March 1995



1. INDICATIVO INTERURBANO: O indicativo de acesso ao serviço interurbano automático é o "0"

EXCEPÇÕES AO PROCEDIMENTO DE MARCAÇÃO AUTOMÁTICA INTER-URBANA

	LUANDA	HUAMBO	BENGUELA	LOBITO	LUBANGO
BENGUELA	-	94	-	-	98
LOBITO	002	04	-	-	08
HUAMBO	9	-	6	6	-
LUBANGO	-	41	722	723	-
NAMIBE	-	41	722	723	-
TOMBWA*	-	41	722	723	-

SERVIÇOS VIA OPERADOR

O serviço interurbano via operador pode obter-se por marcação através do número 100

DISCAGEM DIRECTA INTERNACIONAL

As ligações DDI são feitas directamente pelo assinante, a partir do seu telefone, segundo o procedimento de marcação a seguir indicado:

- | | | | |
|-------------------------------------|-------------------------------|-----------------------------------|--------------------------------------|
| 1 | 2 | 3 | 4 |
| Código de acesso internacional "00" | Indicativo do país de destino | Código de área do país de destino | Número telefónico do país de destino |