

INTERNATIONAL TELECOMMUNICATION UNION

Telecommunication Development Bureau



Administrative Circular CA/27

19 May 2003

Ref: CA/27 STG
Contact: Fidélia Akpo
Tel: +41 22 730 5439
Fax: +41 22 730 5484
E-mail: devsg2@itu.int
Subject: **Questionnaire on access networks in developing countries for e-health applications - Question 14-1/2** (Application of telecommunication in health care)

TO ADMINISTRATIONS OF MEMBER STATES OF THE ITU, MEMBERS OF THE DEVELOPMENT SECTOR

Dear Sir/Madam,

The World Telecommunication Development Conference (Istanbul, 2002) adopted Question 14-1/2 dealing with the application of telecommunication in health care. The definition of the Question can be found at the following Web address:

http://www.itu.int/ITU-D/study_groups/SGP_2002-2006/SG2/StudyQuestions/SG2Quest.html.

The meeting of Study Group 2 in September 2002 approved the programme of work concerning a study on access network in developing countries for e-health applications. As a rule the hospitals in developing countries have poor connections to the nearby telephone exchange and they often need assistance on how this connection could be improved for high speed communication. It is not rare that hospitals are also located far away from the telephone exchange. The questionnaire will help to collect the appropriate information, in order to analyze the current situation and provide the necessary recommendations.

At the request of the Rapporteur for Question 14-1/2, Professor Leonid Androuchko, we are forwarding to you, for your action, a Questionnaire (see Annex).

You are invited to complete this document and we would be grateful if you would return it not later than **20 June 2003** to the Telecommunication Development Bureau:

ITU-D Study Groups Secretariat

Fax: +41 22 7305484

e-mail: devsg2@itu.int

This Administrative Circular, including the questionnaire, is available on the ITU-D Web site (http://www.itu.int/ITU-D/study_groups/SGP_2002-2006/circular/CircLet.html) in electronic form. To facilitate the timely analysis of the replies, the requested information, to the extent possible, should be submitted in an electronic format by e-mail or with a diskette.

I thank you in advance for your cooperation.

Yours faithfully,

[Original signed by Mr. Hamadoun I. Touré, Director]

Mr. Hamadoun I. Touré
Director, BDT

Annex: Questionnaire on access networks in developing countries for e-health applications

Distribution:

- Administrations of Member States of the ITU
- ITU-D Sector Members
- Rapporteurs and active participants on Question 14-1/2
- ITU distribution list

ANNEX

**QUESTIONNAIRE ON ACCESS NETWORKS IN DEVELOPING
COUNTRIES FOR E-HEALTH APPLICATIONS**

DEADLINE FOR THE REPLIES: 16 June 2003

1. *Given Name*
2. *Family Name*
3. *Your Title*
4. *Organization / Main activity*
5. *Telephone/Fax (with area code)*
6. *Country*
7. *City*
8. *Business Address:*
9. *E-Mail*

Any queries or requests for further information regarding this questionnaire should be addressed to:

Mr. Leonid Androuchko
avenue des Tilleuls 34
Geneva
Switzerland
Email: androuchko@freesurf.ch

or Petko Kantchev
Telecommunication Development Bureau
International Telecommunication Union (ITU)
Place des Nations, CH-1211
Geneva, Switzerland
Email: petko.kantchev@itu.int
Tel: +41 22 730 50448/Fax: +41 22 730 5484

1. How far are hospitals/health care centers located from the nearby telephone exchange?

In cities

Less than 2 km _____

Between 2 and 5 km _____

More than 5 km _____

In rural areas

Less than 4 km _____

More than 4 km _____

2. What type of multipair cable is used to connect hospitals/health care centers to the telephone exchange?

In cities

Cable type

Buried _____ Yes/No

Duct _____ Yes/No

Aerial _____ Yes/No

Diameter of conductor

0.4 mm _____ Yes/No

0.5 mm _____ Yes/No

0.65 mm _____ Yes/No

0.9 mm _____ Yes/No

Other _____

Type of insulation

Paper insulation _____ Yes/No

Polyethelene insulation _____ Yes/No

Other _____

In rural areas

Cable type

Buried _____

Duct _____

Aerial _____

Diameter of conductor

0.4 mm _____ Yes/No

0.5 mm _____ Yes/No

0.65 mm _____ Yes/No

0.9 mm _____ Yes/No

Other _____

Type of insulation

Paper insulation _____ Yes/No

Polyethelene insulation ____ Yes/No

Other _____

3. Please indicate the manufacture of multipair cables

Local company __ Yes/No Name _____

Foreign company __ Yes/No Name _____

4. Information about duct system

Diameter of duct tube: _____ 100 mm

_____ 110 mm

_____ 120 mm

Other _____

Diameter of subduct _____

Number of cables in the duct _____

Material of duct tube

PVC Yes/No

Asbestos cement Yes/No

Other _____

5. Please provide a copy of your outside plant specifications, in particular for

Multipair cables

Duct systems

Hand-holes and manholes

6. As an example, please provide a sketch on how one of the main hospitals is connected to the exchange indicating length of primary and secondary cables and position of manholes.

We appreciate your participation in this study.
