



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

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STANDARDIZATION SECTOR
OF ITU

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TELEGRAPH SWITCHING

DEFINITIONS

DEFINITIONS OF ESSENTIAL TECHNICAL TERMS RELATING TO TELEGRAPH SWITCHING AND SIGNALLING

ITU-T Recommendation U.140

(Extract from the *Blue Book*)

NOTES

1 ITU-T Recommendation U.140 was published in Fascicle VII.2 of the *Blue Book*. This file is an extract from the *Blue Book*. While the presentation and layout of the text might be slightly different from the *Blue Book* version, the contents of the file are identical to the *Blue Book* version and copyright conditions remain unchanged (see below).

2 In this Recommendation, the expression “Administration” is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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Recommendation U.140

DEFINITIONS OF ESSENTIAL TECHNICAL TERMS RELATING TO TELEGRAPH SWITCHING AND SIGNALLING

The definitions given below have been identified as necessary for studies in the field of telegraph switching and signalling.

Sub-numbers in the 721.XX.YY range signify correspondence with definitions in the International Electrotechnical Vocabulary (IEV) of the International Electrotechnical Commission (IEC).

Sub-numbers in the range 35.ZZ or 37.ZZ signify definitions derived from the ITU List of Definitions of Essential Telecommunications Terms.

1 public telegraph network

F: réseau télégraphique public

S: red telegráfica pública

A telecommunication network set up to perform a telegraph service for the public.

Note – A public telegraph network is supplied, operated and controlled by an Administration or recognized private operating agency.

721.51.01

2 Gentex network

F: réseau Gentex

S: red géntex

Switched telegraph network used between Administrations or recognized private operating agencies to provide an international public telegram service.

721.51.02

3 subscriber's line; subscriber loop

F: ligne d'abonné; ligne de rattachement

S: línea de abonado; bucle de abonado

A link between equipment in a subscriber's premises and the local telecommunication centre providing required services.

721.51.03

4 dedicated circuit (in telegraphy and data transmission)

F: liaison spécialisée (en télégraphie et transmission de données)

S: circuito especializado (circuito dedicado) (en telegrafía y transmisión de datos)

A telegraph link established permanently without the use of switching facilities and dedicated to the exclusive use of a set of terminals.

721.51.05

5 international circuit

F: circuit international

S: circuito internacional

A circuit directly connecting two exchanges situated in different countries.

721.51.06

6 intercontinental circuit

F: circuit intercontinental

S: circuito intercontinental

A circuit connecting two exchanges situated in different countries on different continents.

721.51.07

7 set (group) of circuits

F: faisceau de circuits

S: haz (grupo) de circuitos

A group of circuits established between two exchanges, any circuit of which may be chosen without preference for the setting up of a connection.

721.51.08

8 private network (in telegraphy)

F: réseau privé (en télégraphie)

S: red privada (en telegrafía)

A group of terminals that can establish calls between one another without passing through the switching equipment of the public network.

721.51.09

9 overflow position (in a private network)

F: poste principal d'un réseau privé

S: posición de desbordamiento (en una red privada)

A nominated terminal of a private network to which an incoming call is redirected if the terminal identification has been omitted or if connection to the selected terminal is not possible.

721.51.10

10 closed private network

F: réseau privé fermé

S: red privada cerrada

A private network that does not permit intercommunication other than between terminals connected to it.

721.51.11

11 interworking between networks

F: interconnexion de réseaux

S: interfuncionamiento de redes

The means whereby terminals connected to a telecommunication network may communicate with terminals of another network.

721.51.12

12 path

F: chemin

S: trayecto

In a telegraph network, a route between any two exchanges.

721.51.21

13 (terminal) port

F: accès

S: puerto (acceso)

A functional unit of an exchange through which signals can enter or leave a network.

721.51.22

14 circuit-switched connection

F: liaison commutée

S: conexión conmutada de circuitos

A temporary connection that is established on request between two or more stations in order to allow the exclusive use of that connection until it is released.

721.51.24

15 multipoint connection

F: liaison multipoint

S: conexión multipunto

A connection established between three or more stations.

721.51.25

16 point-to-point connection

F: liaison point à point

S: conexión punto a punto

A connection established between only two stations.

721.51.26

17 connection

F: chaîne de connexion

S: conexión

A temporary association of channels or circuits, switching and other functional units set up to provide for the transfer of information between two or more points in a telecommunication network.

721.52.01
37.18

18 (complete) connection

F: chaîne de connexion complète; (chemin de) communication

S: conexión (completa)

A temporary association of channels or circuits, switching and other functional units set up to provide for the transfer of information between terminals in a telecommunication network.

721.52.02

19 (telex) call

F: communication (télex)

S: llamada (télex); comunicación (télex)

The establishment and possible use of a complete connection by connected telex terminals.

721.52.03

20 subscriber serving exchange

F: commutateur de rattachement

S: central de servicio de abonados

A public switching exchange which connects subscribers in a same area to one another, or which establishes connection between them and the other exchanges.

721.52.04

21 transit exchange

F: commutateur nodal télégraphique

S: centro de tránsito

A telegraph exchange which enables connections between other telegraph exchanges to be established.

721.52.05

22 telegraph switching exchange

F: centre de commutation télégraphique

S: centro de conmutación telegráfica

The set of equipments installed at a single location to switch telegraph traffic.

721.52.06