



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

E.132

TELEPHONE NETWORK AND ISDN

**OPERATION, NUMBERING, ROUTING
AND MOBILE SERVICE**

**STANDARDIZATION OF ELEMENTS
OF CONTROL PROCEDURES FOR
SUPPLEMENTARY TELEPHONE SERVICES**

ITU-T Recommendation E.132

(Extract from the *Blue Book*)

NOTES

1 ITU-T Recommendation E.132 was published in Fascicle II.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.

**STANDARDIZATION OF ELEMENTS OF CONTROL PROCEDURES
FOR SUPPLEMENTARY TELEPHONE SERVICES**

1 General

1.1 CCITT Recommendation E.131 describes, in the form of code schemes, three subscriber control procedures for supplementary telephone services. In order to avoid undesirable proliferation of different types of control procedures, it recommends that Administrations wishing to make supplementary telephone services available to their subscribers should choose one of the three code schemes.

1.2 Each of the three code schemes requires the subscriber to send information to the telecommunication system to which he is connected, in a set format and in response to feedback from the system. Certain component parts of the information sent to the system, such as the message suffix, block separators, tone signals and the like, may be considered to be the necessary *elements* involved in the successful operation of supplementary services.

1.3 In order to minimize confusion to foreign visitors, and maximize the benefits that accrue from using elements of known meaning, it is desirable to standardize the usage of elements of codes schemes whenever possible, in particular those elements common to all three code schemes.

2 Specific recommendation

2.1 *Message suffix*

It is recommended that the element known as “message suffix”¹⁾ should be indicated by the symbol # ²⁾.

The function of the element is to enable the subscriber to signal to the system that he has input all the information he intends to send at that time.

This Recommendation does not prohibit the use of the square symbol for other purposes.

2.2 *Supplementary information*

For various services it is required that the subscriber sends supplementary information to the telephone exchange for the performance of a control operation. The interpretation of the contents of the supplementary information blocks “year”, “month”, “day” and “time” are specified below. This information can be used in various services, such as alarm call service, do not disturb service, absent subscriber service, agenda service.

The sequence of the information blocks within a control procedure is not yet specified.

2.2.1 *Year information block*

It is recommended to accept 2 or 4 digits as valid input for the year information block.

If 2 digits are keyed in, this should be interpreted as a year within the next 100 years.

2.2.2 *Month information block*

It is recommended to accept 1 through 12 and 01 through 12 as valid input.

If no year information block is specified, the month is to be interpreted as the month within the next 12 months.

¹⁾ As defined in Recommendation E.131, Annex A.

²⁾ As defined in Recommendation E.161.

2.2.3 *Day information block*

It is recommended to accept 1 through 28, 29, 30 or 31 and 01 through 28, 29, 30 or 31 as valid input.

If no month information block is specified, the day information block is to be interpreted as the first day within the next 31 days.

2.2.4 *Time information block*

Either the 24 hours or 12 hours clock format may be used. The information block may contain 1, 2, 3 or 4 digits. To indicate *a.m.* or *p.m.* in the 12 hours format an extra digit may be used. If 1 or 2 digits are keyed in, the information is interpreted as hours with zero minutes.

One single zero, two zeros and a leading zero are accepted as valid input; the number 24 and higher is not accepted.

If 3 or 4 digits are keyed in, the last two digits are interpreted as minutes. The last two digits may not be 60 or higher. Leading zeros are accepted.

When neither month nor day is specified in another information block, the time is interpreted as a time within the next 24 hours.