



SLOVENSKI STANDARD
SIST ETS 300 375 E1:2003
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Human Factors (HF); Pictograms for point-to-point videotelephony

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ICS:

Table with 3 columns: ICS code, Slovenian title, and English title. Row 1: 01.080.50, 'Grafični simboli za uporabo v informacijski tehnologiji in telekomunikacijski tehnični risbah in v relevantni tehnični dokumentaciji', 'Graphical symbols for use on information technology and telecommunications technical drawings and in relevant technical product documentation'. Row 2: 33.050.10, 'Telefonska oprema', 'Telephone equipment'.

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en

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Foreword

This European Telecommunication Standard (ETS) has been prepared by the Human Factors (HF) Technical Committee of the European Telecommunications Standards Institute (ETSI).

The following organizations have contributed to the preparation of this ETS either by providing pictogram proposals, or by supporting the evaluation process of pictograms:

- Aéroclub of the EC, Bruxelles (B);
- CSELT, Torino (I);
- Dansk Teknologicenter, Århus (DK);
- Deutsches Institut für Normung, DIN, Berlin (D);
- Ericsson Business Communication AB, Tyresö (S);
- Ferris Associates, Bishop's Stortford (GB);
- Foundation of Research and Technology, Iraklio, Kreta (GR);
- Frystyk Consult, København (DK);
- Fondazione Ugo Bordoni, Roma (I);
- Heinrich-Hertz-Institut, Berlin (D);
- HUSAT, Loughborough (GB);
- Nomos Management AB, Danderyd (S);
- Philips Corporate Design, Eindhoven (NL);
- ALCATEL SEL, Forschungszentrum Stuttgart (D);
- Teledirektoratets Forskningsavdeling (Norwegian Telecom), Kjeller (N);
- Telefónica de España, Investigación y Desarrollo, Madrid (E).

Introduction

This ETS defines pictograms for representing eight point-to-point videotelephony functions. The eight functions are:

- a) VIDEOPHONE / TELEPHONE (switching between videophone and telephone modes);
- b) VIDEOPHONE CAMERA ON / OFF (turning on and off the transmission of the camera signal);
- c) VIDEOPHONE MICROPHONE ON / OFF (turning on and off the transmission of the microphone signal);
- d) VIDEOPHONE SELFVIEW ON / OFF (turning on and off the selfview function);
- e) VIDEOPHONE STILL PICTURE ON / OFF (turning on and off the still picture function (screen freeze));
- f) VIDEOPHONE DOCUMENT CAMERA ON / OFF (switching on and off the document camera);
- g) VIDEOPHONE HANDSFREE ON / OFF (switching on and off the handsfree mode);
- h) VIDEOPHONE LOUDSPEAKING ON / OFF (switching on and off the loudspeaking mode).

The pictograms have been recommended on the basis of an empirical evaluation study of several pictogram sets. The evaluation study has been carried out in eight European countries in order to take into account possible cultural and linguistic differences. The testing method used was the Multiple Index Approach (MIA) for the evaluation of pictograms (as described in ETR 070 [1]). The results of the study are reported in ETR 113 [2].

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1 Scope

This ETS defines pictograms for representing eight point-to-point videotelephony functions.

- a) VIDEOPHONE / TELEPHONE;
- b) VIDEOPHONE CAMERA ON / OFF;
- c) VIDEOPHONE MICROPHONE ON / OFF;
- d) VIDEOPHONE SELFVIEW ON / OFF;
- e) VIDEOPHONE STILL PICTURE ON / OFF;
- f) VIDEOPHONE DOCUMENT CAMERA ON / OFF;
- g) VIDEOPHONE HANDSFREE ON / OFF;
- h) VIDEOPHONE LOUDSPEAKING ON / OFF.

2 Normative references

This ETS incorporates by dated and undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

- [1] ETR 070 (1993): "Human Factors (HF); The Multiple Index Approach (MIA) for the evaluation of pictograms".
- [2] ETR 113 (1993): "Human Factors (HF); Results of an Evaluation Study of pictograms for point-to-point videotelephony".
- [3] CCITT Recommendation P.10 (1988): "Vocabulary of terms on telephone transmission quality and telephone sets".

3 Definitions

For the purposes of this ETS, the following definitions of videophone functions apply:

Videophone / Telephone: In videotelephony, for switching between videophone (sound and picture) and telephone (sound only) modes.

Videophone Camera on/off: In videotelephony, for switching on and off the transmission of the camera signal.

Videophone Microphone on/off: In videotelephony, for switching on and off the transmission of the microphone signal.

Videophone Selfview on/off: In videotelephony, for switching on and off the selfview function.

Videophone Still Picture on/off: In videotelephony, for switching on and off the still picture function (screen freeze).

Videophone Document Camera on/off: In videotelephony, for switching on and off the document camera.

Videophone Handsfree on/off: In videotelephony, for switching on and off the handsfree mode.

handsfree mode: A telephone set using a loudspeaker associated with an amplifier as a telephone receiver and which may be used without a handset (see CCITT Recommendation P.10 [3]).

Videophone Loudspeaking on/off: In videotelephony, for switching on and off the loudspeaking mode.

loudspeaking mode: A telephone set using a loudspeaker associated with an amplifier as a telephone receiver (see CCITT Recommendation P.10 [3]).

4 Pictograms for point-to-point videotelephony

Annex A (normative) contains the pictograms for the eight videophone functions. The pictogram for the VIDEOPHONE HANDSFREE ON / OFF function is identical with the IEC symbol for "Loudspeaker / Microphone" (417-IEC-5081) and the pictogram for the VIDEOPHONE LOUDSPEAKING ON / OFF function is identical with the IEC symbol for "Loudspeaker" (417-IEC-5080).


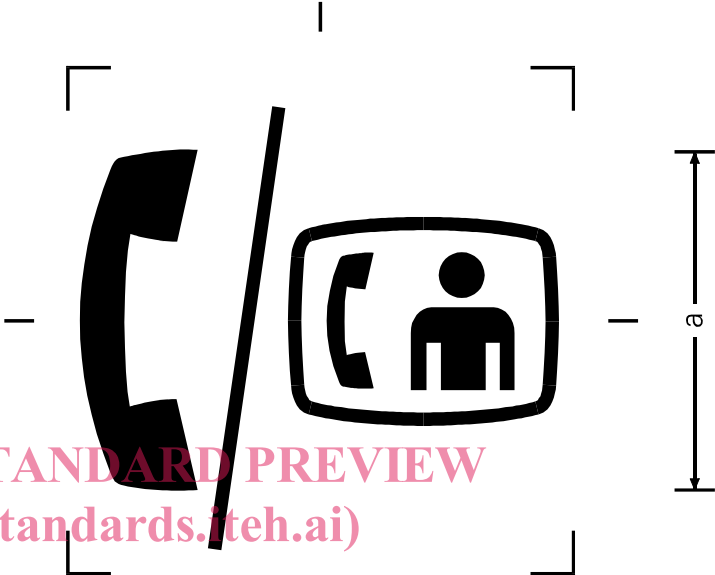
Furthermore, if one control only is used for switching between handset mode, handsfree mode and loudspeaking mode, the pictogram for identifying this control shall be the one for VIDEOPHONE LOUDSPEAKING ON / OFF.

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Annex A (normative): ETSI pictograms for the eight videophone functions

	<p>Symbole graphique No. 1: Visiophone / téléphone</p> <p>Graphical symbol Nr. 1: Videophone / telephone</p>	<p>ETS 300 375</p>
<p>SYMBOLE ORIGINAL ORIGINAL SYMBOL (a = 50 mm)</p>  <p>Dimensions réelles hauteur = 1,30 a largeur = 1,41 a</p> <p>Real dimensions height = 1,30 a width = 1,41 a</p> <p>Application: In videotelephony, for switching between videophone (sound and picture) and telephone (sound only) modes.</p>		
<p>Application: In videotelephony, for switching between videophone (sound and picture) and telephone (sound only) modes.</p>		

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