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Information technology — Standardized coded graphic character sets for use in 8-bit codes

*Technologies de l'information — Jeux de caractères graphiques codés
normalisés à utiliser dans les codes à un octet*



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Foreword

ISO (the International organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75% of the national bodies casting a vote.

International Standard ISO/IEC 10367 was prepared by Joint Technical Committee ISO/IEC JTC1, *Information technology*.

Annexes A and C form an integral part of this International Standard. Annex B is for information only.

Introduction

In the course of the past years two different 8-bit codes were developed by ISO/IEC/JTC1/SC2. An International Standard, ISO/IEC 6937, was developed with a view to satisfying the needs of CCITT-defined Telematic services: Teletex and Videotex. It is based on a primary and supplementary set of graphic characters, the latter containing a series of so-called non-spacing diacritical marks for the generation of accented letters. Thus, the coded representation of a graphic character may consist of one or more bit combinations. The standard specifies the allowed repertoire of 333 characters. ISO/IEC 6937 is applicable not only to 8-bit coding but also to 7-bit coding.

A family of 8-bit code tables, ISO 8859, was also developed to satisfy a need for single-byte coded graphic characters in particular in data processing applications. It consists of several parts, each specifying an 8-bit single-byte coded graphic character set of up to 191 characters. The selection of characters for each set is such that it satisfies the needs of several languages of a large, relatively coherent, geographical area. The different parts of ISO 8859 cover not only the Latin script but also the Arabic, Cyrillic, Greek and Hebrew scripts.

Many applications need a code structure which permits more than one script to be represented in information interchange, for example Latin Alphabet No. 1 ("Western" Europe) with the Greek script or Latin Alphabet No. 2 ("Eastern" Europe) with the Cyrillic script. For this purpose ISO/IEC 4873 is suitable since it allows up to 382 graphic characters grouped in four G sets, by using a small selection of the facilities offered by ISO 2022.

Within this structure the graphic character sets from the various parts of ISO 8859 may be used in conjunction with each other. Since some characters appear in more than one of these sets, rules are needed to avoid violation of the principle of one-to-one relationship between a character and its coded representation when such sets are used together. The new version of ISO/IEC 4873 (3rd edition of 1991) contains such rules.

In a similar way ISO/IEC 6937 may be used in conjunction with additional non-Latin graphic character sets taken from the parts of ISO 8859.

Thus this International Standard specifies a collection of coded graphic character sets usable within the structure of ISO/IEC 4873.

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Information technology — Standardized coded graphic character sets for use in 8-bit codes

1 Scope

This International Standard specifies a unique coded graphic character set for use as G0 set and a series of coded graphic character sets of up to 96 characters for use as the G1, G2 and G3 sets in versions of ISO/IEC 4873. All sets specified in this International Standard are shown as elements of an 8-bit code.

These sets are intended for use in data and text processing applications and may also be used for information interchange. They contain graphic characters used for general purpose applications in typical office environments.

This International Standard does not specify the control functions to be allocated to the C0 and C1 sets of versions of ISO/IEC 4873. ISO/IEC 6429 specifies these control functions; the required control functions shall be selected from that International Standard depending on the application considered.

2 Conformance

2.1 Conformance of information interchange

A coded-character-data-element (CC-data-element) within coded information for interchange is in conformance with this International Standard if all the coded representations of characters within that CC-data-element conform to the requirements of clause 6 and of ISO/IEC 4873.

A claim of conformance shall identify the selected character sets.

2.2 Conformance of devices

A device is in conformance with this International Standard if it conforms to the requirements of 2.2.1, and either or both of 2.2.2 and 2.2.3. A claim of conformance shall identify the document which contains the description specified in 2.2.1, and shall identify the selected character sets.

2.2.1 Device description

A device that conforms to this International Standard shall be the subject of a description that identifies the means by which the user may supply characters to the device, or may recognize them when they are made available to him, as specified respectively in 2.2.2 and 2.2.3.

2.2.2 Originating devices

An originating device shall allow its user to supply any sequence of characters from the selected character sets, and shall be capable of transmitting their coded representations within a CC-data-element.

2.2.3 Receiving devices

A receiving device shall be capable of receiving and interpreting any coded representations of characters that are within a CC-data-element, and that conform to 2.1, and shall make the corresponding characters available to its user in such a way that the user can identify them from among those from the selected character sets, and can distinguish them from each other.

3 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards listed below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 2022:1986, *Information technology - ISO 7-bit and 8-bit coded character sets - Code extension techniques*

ISO/IEC 4873:1991, *Information technology - 8-bit code for information interchange - Structure and rules for implementation.*

ISO/IEC 6429: ¹⁾, *Information technology - Control functions for 7-bit and 8-bit coded character sets.*

ISO/IEC 6937: ¹⁾, *Information technology - Coded graphic character set for the communication of texts using the Latin alphabet.*

ISO/IEC 8859, *Information processing - 8-bit single-byte coded graphic character sets.*

International Register of Coded Character Sets to Be Used with Escape Sequences. (ISO 2375)

4 Definitions

For the purpose of this International Standard the following definitions apply.

4.1 bit combination: An ordered set of bits used for the representation of characters.

4.2 character: A member of a set of elements used for the organization, control or representation of data.

4.3 coded-character-data-element (CC-data-element): An element of interchanged information that is specified to consist of a sequence of coded representations of characters, in accordance with one or more identified standards for coded character sets.

NOTES

1. In a communication environment according to the Reference Model for Open Systems Interconnection (ISO 7498), a CC-data-element will form all or part of the information that corresponds to the Presentation-Protocol-Data-Unit (PPDU) defined in that International Standard.

2. When information interchange is accomplished by means of interchangeable media, a CC-data-element will form all or part of the information that corresponds to the user data, and not that recorded during formatting and initialization.

4.4 coded character set; code: A set of unambiguous rules that establishes a character set and the one-to-one relationship between the characters of the set and their coded representation by one or more bit combinations.

4.5 code table: A table showing the character allocated to each bit combination in a code.

4.6 control function: An action that affects the recording, processing, transmission, or interpretation of data, and that has a coded representation consisting of one or more bit combinations.

4.7 device: A component of information processing equipment which can transmit and/or receive coded information within CC-data-elements.

NOTE

It may be an input/output device in the conventional sense, or a process such as an application program or a gateway function.

4.8 escape sequence: A string of bit combinations that are used for control purposes in code extension procedures. The first of these bit combinations represents the control function ESCAPE.

¹⁾ To be published.

4.9 graphic character: A character, other than a control function, that has a visual representation normally handwritten, printed or displayed, and that has a coded representation consisting of one or more bit combinations.

4.10 graphic symbol: A visual representation of a graphic character or of a control function.

4.11 position: That part of a code table identified by its column and row co-ordinates.

4.12 repertoire: A specified set of characters that are represented by means of one or more bit combinations of a coded character set.

4.13 user: A person or other entity that invokes the services provided by a device.

NOTES

1. This entity may be a process such as an application program if the "device" is a code convertor or a gateway function, for example.
2. The characters, as supplied by the user or made available to him, may be in the form of codes local to the device, or of non-conventional visible representations, provided that 2.2 above is satisfied.

5 Notation, code tables and names

Each coded character set is represented as a part of an 8-bit code table. These sets are identical with those of the International Register where they are shown in a 7-bit environment.

5.1 Notation

The bits of the bit combination of the 8-bit code are identified by b8, b7, b6, b5, b4, b3, b2 and b1, where b8 is the highest-order, or most-significant bit and b1 is the lowest-order, or least-significant bit.

The bit combinations may be interpreted to represent integers in the range 0 to 255 in binary notation by attributing the following weights to the individual bits.

Bit	b8	b7	b6	b5	b4	b3	b2	b1
Weight	128	64	32	16	8	4	2	1

Using these weights, these 8-bit combinations represent numbers in the range 0 to 255.

The bit combinations are identified by notations of the form xx/yy, where xx and yy are numbers in the range 00 to 15. The correspondence between the notations of the form xx/yy and the bit combinations consisting of the bits b8 to b1 is as follows:

- xx is the number represented by b8, b7, b6 and b5 where these bits are given the weights 8, 4, 2 and 1 respectively;
- yy is the number represented by b4, b3, b2 and b1 where these bits are given the weights 8, 4, 2 and 1 respectively.

The notations of the form xx/yy are the same as those used to identify code table positions, where xx is the column number and yy is the row number (see 5.2).

5.2 Layout of the code tables

An 8-bit code table consists of 256 positions arranged in 16 columns and 16 rows. The columns are numbered 00 to 15 and the rows 00 to 15.

The code table positions are identified by notations of the form xx/yy, where xx is the column number and yy is the row number.

The positions of the code table are in one-to-one correspondence with the bit combinations of the code. The notation of a code table position, of the form xx/yy, is the same as that of the corresponding bit combination.

The Basic G0 Set is shown in columns 02 to 07 of an 8-bit code table.

All other G sets are shown in columns 10 to 15 of an 8-bit code table.

5.3 Names

This International Standard assigns a unique name to each character. In addition, it specifies an acronym for the characters NO-BREAK-SPACE and SOFT HYPHEN, and a graphic symbol for each graphic character. By convention only capital letters, space and hyphen are used for writing the names of the characters. For acronyms only capital letters and digits are used. It is intended that the acronyms and this convention be retained in all translations of the text.

The names chosen to denote graphic characters are intended to reflect their customary meaning. However, except for NO-BREAK SPACE (NBSP) and SOFT HYPHEN (SHY), this International Standard does not define and does not restrict the meanings of graphic characters. Neither does it specify a particular style or font design for the graphic characters when imaged (see annex B).

5.3.1 NO-BREAK SPACE (NBSP)

A graphic character the visual representation of which consists of the absence of a graphic symbol, for use when a line break is to be prevented in the text as presented.

5.3.2 SOFT HYPHEN (SHY)

A graphic character that is imaged by a graphic symbol identical with, or similar to, that representing HYPHEN, for use when a line break has been established within a word.

6 Specification of the character sets

Each character set, except the Supplementary Set of ISO/IEC 6937, is specified by a code table according to 5.2, and by the list of the names of the characters. For each set its name, registration number, escape sequences and number of characters are indicated. In addition, the Field of Utilisation indicates the languages, the alphabets of which can be represented by the combination of the Basic G0 Set with the set considered.

The character SPACE is deemed to be available with any character set and, therefore, is not specified with a character set selected from this International Standard.

The use of the Supplementary Set of ISO/IEC 6937 is separately specified in annex A.

**CODE TABLES
AND
LISTS OF CHARACTER NAMES**

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Name : BASIC G0 SET
 Registration : No. 6
 Escape sequence : ESC 02/08 04/02
 Number of characters : 94

Field of Utilisation

The Basic G0 Set is intended for use with one or more other sets of this Repertoire in versions of ISO 4873.

Table 1 - Basic G0 Set

					b.	0	0	0	0	0	0
					b.	0	0	1	1	1	1
					b.	1	1	0	0	1	1
					b.	0	1	0	1	0	1
b.	b.	b.	b.		02	03	04	05	06	07	
0	0	0	0	00		0	à	P	˘	p	
0	0	0	1	01	!	1	A	Q	a	q	
0	0	1	0	02	"	2	B	R	b	r	
0	0	1	1	03	#	3	C	S	c	s	
0	1	0	0	04	\$	4	D	T	d	t	
0	1	0	1	05	%	5	E	U	e	u	
0	1	1	0	06	&	6	F	V	f	v	
0	1	1	1	07	'	7	G	W	g	w	
1	0	0	0	08	(	8	H	X	h	x	
1	0	0	1	09	)	9	I	Y	i	y	
1	0	1	0	10	*	:	J	Z	j	z	
1	0	1	1	11	+	;	K	[	k	{	
1	1	0	0	12	,	<	L	\	l		
1	1	0	1	13	-	=	M	]	m	}	
1	1	1	0	14	.	>	N	^	n	~	
1	1	1	1	15	/	?	O	_	o		

Table 2 - Names of the characters of table 1

Bit comb.	Name	Bit comb.	Name
02/01	EXCLAMATION MARK	05/00	LATIN CAPITAL LETTER P
02/02	QUOTATION MARK	05/01	LATIN CAPITAL LETTER Q
02/03	NUMBER SIGN	05/02	LATIN CAPITAL LETTER R
02/04	DOLLAR SIGN	05/03	LATIN CAPITAL LETTER S
02/05	PERCENT SIGN	05/04	LATIN CAPITAL LETTER T
02/06	AMPERSAND	05/05	LATIN CAPITAL LETTER U
02/07	APOSTROPHE	05/06	LATIN CAPITAL LETTER V
02/08	LEFT PARENTHESIS	05/07	LATIN CAPITAL LETTER W
02/09	RIGHT PARENTHESIS	05/08	LATIN CAPITAL LETTER X
02/10	ASTERISK	05/09	LATIN CAPITAL LETTER Y
02/11	PLUS SIGN	05/10	LATIN CAPITAL LETTER Z
02/12	COMMA	05/11	LEFT SQUARE BRACKET
02/13	HYPHEN-MINUS	05/12	REVERSE SOLIDUS
02/14	FULL STOP	05/13	RIGHT SQUARE BRACKET
02/15	SOLIDUS	05/14	CIRCUMFLEX ACCENT
03/00	DIGIT ZERO	05/15	LOW LINE
03/01	DIGIT ONE	06/00	GRAVE ACCENT
03/02	DIGIT TWO	06/01	LATIN SMALL LETTER A
03/03	DIGIT THREE	06/02	LATIN SMALL LETTER B
03/04	DIGIT FOUR	06/03	LATIN SMALL LETTER C
03/05	DIGIT FIVE	06/04	LATIN SMALL LETTER D
03/06	DIGIT SIX	06/05	LATIN SMALL LETTER E
03/07	DIGIT SEVEN	06/06	LATIN SMALL LETTER F
03/08	DIGIT EIGHT	06/07	LATIN SMALL LETTER G
03/09	DIGIT NINE	06/08	LATIN SMALL LETTER H
03/10	COLON	06/09	LATIN SMALL LETTER I
03/11	SEMICOLON	06/10	LATIN SMALL LETTER J
03/12	LESS-THAN SIGN	06/11	LATIN SMALL LETTER K
03/13	EQUALS SIGN	06/12	LATIN SMALL LETTER L
03/14	GREATER-THAN SIGN	06/13	LATIN SMALL LETTER M
03/15	QUESTION MARK	06/14	LATIN SMALL LETTER N
04/00	COMMERCIAL AT	06/15	LATIN SMALL LETTER O
04/01	LATIN CAPITAL LETTER A	07/00	LATIN SMALL LETTER P
04/02	LATIN CAPITAL LETTER B	07/01	LATIN SMALL LETTER Q
04/03	LATIN CAPITAL LETTER C	07/02	LATIN SMALL LETTER R
04/04	LATIN CAPITAL LETTER D	07/03	LATIN SMALL LETTER S
04/05	LATIN CAPITAL LETTER E	07/04	LATIN SMALL LETTER T
04/06	LATIN CAPITAL LETTER F	07/05	LATIN SMALL LETTER U
04/07	LATIN CAPITAL LETTER G	07/06	LATIN SMALL LETTER V
04/08	LATIN CAPITAL LETTER H	07/07	LATIN SMALL LETTER W
04/09	LATIN CAPITAL LETTER I	07/08	LATIN SMALL LETTER X
04/10	LATIN CAPITAL LETTER J	07/09	LATIN SMALL LETTER Y
04/11	LATIN CAPITAL LETTER K	07/10	LATIN SMALL LETTER Z
04/12	LATIN CAPITAL LETTER L	07/11	LEFT CURLY BRACKET
04/13	LATIN CAPITAL LETTER M	07/12	VERTICAL LINE
04/14	LATIN CAPITAL LETTER N	07/13	RIGHT CURLY BRACKET
04/15	LATIN CAPITAL LETTER O	07/14	TILDE

Name : LATIN ALPHABET No. 1, SUPPLEMENTARY SET
 Registration : No. 100
 Escape sequences : G1 : ESC 02/13 04/01
 : G2 : ESC 02/14 04/01
 : G3 : ESC 02/15 04/01
 Number of characters : 96

Field of Utilisation

Danish, Dutch, English, Faroese, Finnish, German, Icelandic, Irish, Italian, Norwegian, Portuguese, Spanish and Swedish.

Table 3 - Latin Alphabet No. 1, Supplementary Set

b ₄ b ₃ b ₂ b ₁ b ₀					b ₅ b ₄ b ₃ b ₂ b ₁ b ₀						
0	0	0	0	0	00	10	11	12	13	14	15
0	0	0	0	1	01	NBSP	°	À	Đ	à	đ
0	0	0	1	0	02	ı	±	Á	Ñ	á	ñ
0	0	1	0	0	03	¢	²	Â	Ò	â	ò
0	0	1	1	0	04	£	³	Ã	Ó	ã	ó
0	1	0	0	0	05	¤	´	Ä	Ô	ä	ô
0	1	0	1	0	06	¥	µ	Å	Õ	å	õ
0	1	1	0	0	07	¦	¶	Æ	Ö	æ	ö
0	1	1	1	0	08	§	·	Ç	×	ç	÷
1	0	0	0	0	09	"	,	È	Ø	è	ø
1	0	0	1	0	10	©	¹	É	Ù	é	ù
1	0	1	0	0	11	ª	º	Ê	Ú	ê	ú
1	0	1	1	0	12	«	»	Ë	Û	ë	û
1	1	0	0	0	13	¬	¼	Ì	Ü	ì	ü
1	1	0	1	0	14	SHY	½	Í	Ý	í	ý
1	1	1	0	0	15	®	¾	Î	Þ	î	þ
1	1	1	1	0		¯	¿	Ï	ß	ï	ÿ

Table 4 - Names of the characters of table 3

Bit comb.	Name	Bit comb.	Name
10/00	NO-BREAK SPACE	13/00	LATIN CAPITAL LETTER ETH (Icelandic)
10/01	INVERTED EXCLAMATION MARK	13/01	LATIN CAPITAL LETTER N WITH TILDE
10/02	CENT SIGN	13/02	LATIN CAPITAL LETTER O WITH GRAVE
10/03	POUND SIGN	13/03	LATIN CAPITAL LETTER O WITH ACUTE
10/04	CURRENCY SIGN	13/04	LATIN CAPITAL LETTER O WITH CIRCUMFLEX
10/05	YEN SIGN	13/05	LATIN CAPITAL LETTER O WITH TILDE
10/06	BROKEN BAR	13/06	LATIN CAPITAL LETTER O WITH DIAERESIS
10/07	SECTION SIGN	13/07	MULTIPLICATION SIGN
10/08	DIAERESIS	13/08	LATIN CAPITAL LETTER O WITH STROKE
10/09	COPYRIGHT SIGN	13/09	LATIN CAPITAL LETTER U WITH GRAVE
10/10	FEMININE ORDINAL INDICATOR	13/10	LATIN CAPITAL LETTER U WITH ACUTE
10/11	LEFT-POINTING DOUBLE ANGLE QUOTATION MARK	13/11	LATIN CAPITAL LETTER U WITH CIRCUMFLEX
10/12	NOT SIGN	13/12	LATIN CAPITAL LETTER U WITH DIAERESIS
10/13	SOFT HYPHEN	13/13	LATIN CAPITAL LETTER Y WITH ACUTE
10/14	REGISTERED SIGN	13/14	LATIN CAPITAL LETTER THORN (Icelandic)
10/15	MACRON	13/15	LATIN SMALL LETTER SHARP S (German)
11/00	DEGREE SIGN	14/00	LATIN SMALL LETTER A WITH GRAVE
11/01	PLUS-MINUS SIGN	14/01	LATIN SMALL LETTER A WITH ACUTE
11/02	SUPERSCRIP TWO	14/02	LATIN SMALL LETTER A WITH CIRCUMFLEX
11/03	SUPERSCRIP THREE	14/03	LATIN SMALL LETTER A WITH TILDE
11/04	ACUTE ACCENT	14/04	LATIN SMALL LETTER A WITH DIAERESIS
11/05	MICRO SIGN	14/05	LATIN SMALL LETTER A WITH RING ABOVE
11/06	PILCROW SIGN	14/06	LATIN SMALL LIGATURE AE
11/07	MIDDLE DOT	14/07	LATIN SMALL LETTER C WITH CEDILLA
11/08	CEDILLA	14/08	LATIN SMALL LETTER E WITH GRAVE
11/09	SUPERSCRIP ONE	14/09	LATIN SMALL LETTER E WITH ACUTE
11/10	MASCULINE ORDINAL INDICATOR	14/10	LATIN SMALL LETTER E WITH CIRCUMFLEX
11/11	RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK	14/11	LATIN SMALL LETTER E WITH DIAERESIS
11/12	VULGAR FRACTION ONE QUARTER	14/12	LATIN SMALL LETTER I WITH GRAVE
11/13	VULGAR FRACTION ONE HALF	14/13	LATIN SMALL LETTER I WITH ACUTE
11/14	VULGAR FRACTION THREE QUARTERS	14/14	LATIN SMALL LETTER I WITH CIRCUMFLEX
11/15	INVERTED QUESTION MARK	14/15	LATIN SMALL LETTER I WITH DIAERESIS
12/00	LATIN CAPITAL LETTER A WITH GRAVE	15/00	LATIN SMALL LETTER ETH (Icelandic)
12/01	LATIN CAPITAL LETTER A WITH ACUTE	15/01	LATIN SMALL LETTER N WITH TILDE
12/02	LATIN CAPITAL LETTER A WITH CIRCUMFLEX	15/02	LATIN SMALL LETTER O WITH GRAVE
12/03	LATIN CAPITAL LETTER A WITH TILDE	15/03	LATIN SMALL LETTER O WITH ACUTE
12/04	LATIN CAPITAL LETTER A WITH DIAERESIS	15/04	LATIN SMALL LETTER O WITH CIRCUMFLEX
12/05	LATIN CAPITAL LETTER A WITH RING ABOVE	15/05	LATIN SMALL LETTER O WITH TILDE
12/06	LATIN CAPITAL LIGATURE AE	15/06	LATIN SMALL LETTER O WITH DIAERESIS
12/07	LATIN CAPITAL LETTER C WITH CEDILLA	15/07	DIVISION SIGN
12/08	LATIN CAPITAL LETTER E WITH GRAVE	15/08	LATIN SMALL LETTER O WITH STROKE
12/09	LATIN CAPITAL LETTER E WITH ACUTE	15/09	LATIN SMALL LETTER U WITH GRAVE
12/10	LATIN CAPITAL LETTER E WITH CIRCUMFLEX	15/10	LATIN SMALL LETTER U WITH ACUTE
12/11	LATIN CAPITAL LETTER E WITH DIAERESIS	15/11	LATIN SMALL LETTER U WITH CIRCUMFLEX
12/12	LATIN CAPITAL LETTER I WITH GRAVE	15/12	LATIN SMALL LETTER U WITH DIAERESIS
12/13	LATIN CAPITAL LETTER I WITH ACUTE	15/13	LATIN SMALL LETTER Y WITH ACUTE
12/14	LATIN CAPITAL LETTER I WITH CIRCUMFLEX	15/14	LATIN SMALL LETTER THORN (Icelandic)
12/15	LATIN CAPITAL LETTER I WITH DIAERESIS	15/15	LATIN SMALL LETTER Y WITH DIAERESIS

Name : LATIN ALPHABET No. 2, SUPPLEMENTARY SET
 Registration : No. 101
 Escape sequences : G1 : ESC 02/13 04/02
 : G2 : ESC 02/14 04/02
 : G3 : ESC 02/15 04/02
 Number of characters : 96

Field of Utilisation

Albanian, Czech, English, German, Hungarian, Polish, Rumanian, Serbocroatian, Slovak, and Slovene.

Table 5 - Latin Alphabet No. 2, Supplementary Set

b.	1	1	1	1	1	1
b.	0	0	1	1	1	1
b.	1	1	0	0	1	1
b.	0	1	0	1	0	1
	10	11	12	13	14	15
b.	b.	b.	b.			
0	0	0	0	00	NBSP	°
0	0	0	1	01	À	á
0	0	1	0	02	Â	ã
0	0	1	1	03	Ä	Å
0	1	0	0	04	Æ	Ç
0	1	0	1	05	Ć	Č
0	1	1	0	06	Š	Š
0	1	1	1	07	Ś	Œ
1	0	0	0	08	“	”
1	0	0	1	09	Š	š
1	0	1	0	10	Ş	ş
1	0	1	1	11	Ť	ť
1	1	0	0	12	Ž	ž
1	1	0	1	13	ŠHY	”
1	1	1	0	14	Ž	ž
1	1	1	1	15	Ž	ž

Table 6 - Names of the characters of table 5

Bit comb.	Name	Bit comb.	Name
10/00	NO-BREAK SPACE	13/00	LATIN CAPITAL LETTER D WITH STROKE
10/01	LATIN CAPITAL LETTER A WITH OGONEK	13/01	LATIN CAPITAL LETTER N WITH ACUTE
10/02	BREVE	13/02	LATIN CAPITAL LETTER N WITH CARON
10/03	LATIN CAPITAL LETTER L WITH STROKE	13/03	LATIN CAPITAL LETTER O WITH ACUTE
10/04	CURRENCY SIGN	13/04	LATIN CAPITAL LETTER O WITH CIRCUMFLEX
10/05	LATIN CAPITAL LETTER L WITH CARON	13/05	LATIN CAPITAL LETTER O WITH DOUBLE ACUTE
10/06	LATIN CAPITAL LETTER S WITH ACUTE	13/06	LATIN CAPITAL LETTER O WITH DIAERESIS
10/07	SECTION SIGN	13/07	MULTIPLICATION SIGN
10/08	DIAERESIS	13/08	LATIN CAPITAL LETTER R WITH CARON
10/09	LATIN CAPITAL LETTER S WITH CARON	13/09	LATIN CAPITAL LETTER U WITH RING ABOVE
10/10	LATIN CAPITAL LETTER S WITH CEDILLA	13/10	LATIN CAPITAL LETTER U WITH ACUTE
10/11	LATIN CAPITAL LETTER T WITH CARON	13/11	LATIN CAPITAL LETTER U WITH DOUBLE ACUTE
10/12	LATIN CAPITAL LETTER Z WITH ACUTE	13/12	LATIN CAPITAL LETTER U WITH DIAERESIS
10/13	SOFT HYPHEN	13/13	LATIN CAPITAL LETTER Y WITH ACUTE
10/14	LATIN CAPITAL LETTER Z WITH CARON	13/14	LATIN CAPITAL LETTER T WITH CEDILLA
10/15	LATIN CAPITAL LETTER Z WITH DOT ABOVE	13/15	LATIN SMALL LETTER SHARP S (German)
11/00	DEGREE SIGN	14/00	LATIN SMALL LETTER R WITH ACUTE
11/01	LATIN SMALL LETTER A WITH OGONEK	14/01	LATIN SMALL LETTER A WITH ACUTE
11/02	OGONEK	14/02	LATIN SMALL LETTER A WITH CIRCUMFLEX
11/03	LATIN SMALL LETTER L WITH STROKE	14/03	LATIN SMALL LETTER A WITH BREVE
11/04	ACUTE ACCENT	14/04	LATIN SMALL LETTER A WITH DIAERESIS
11/05	LATIN SMALL LETTER L WITH CARON	14/05	LATIN SMALL LETTER L WITH ACUTE
11/06	LATIN SMALL LETTER S WITH ACUTE	14/06	LATIN SMALL LETTER C WITH ACUTE
11/07	CARON	14/07	LATIN SMALL LETTER C WITH CEDILLA
11/08	CEDILLA	14/08	LATIN SMALL LETTER C WITH CARON
11/09	LATIN SMALL LETTER S WITH CARON	14/09	LATIN SMALL LETTER E WITH ACUTE
11/10	LATIN SMALL LETTER S WITH CEDILLA	14/10	LATIN SMALL LETTER E WITH OGONEK
11/11	LATIN SMALL LETTER T WITH CARON	14/11	LATIN SMALL LETTER E WITH DIAERESIS
11/12	LATIN SMALL LETTER Z WITH ACUTE	14/12	LATIN SMALL LETTER E WITH CARON
11/13	DOUBLE ACUTE ACCENT	14/13	LATIN SMALL LETTER I WITH ACUTE
11/14	LATIN SMALL LETTER Z WITH CARON	14/14	LATIN SMALL LETTER I WITH CIRCUMFLEX
11/15	LATIN SMALL LETTER Z WITH DOT ABOVE	14/15	LATIN SMALL LETTER D WITH CARON
12/00	LATIN CAPITAL LETTER R WITH ACUTE	15/00	LATIN SMALL LETTER D WITH STROKE
12/01	LATIN CAPITAL LETTER A WITH ACUTE	15/01	LATIN SMALL LETTER N WITH ACUTE
12/02	LATIN CAPITAL LETTER A WITH CIRCUMFLEX	15/02	LATIN SMALL LETTER N WITH CARON
12/03	LATIN CAPITAL LETTER A WITH BREVE	15/03	LATIN SMALL LETTER O WITH ACUTE
12/04	LATIN CAPITAL LETTER A WITH DIAERESIS	15/04	LATIN SMALL LETTER O WITH CIRCUMFLEX
12/05	LATIN CAPITAL LETTER L WITH ACUTE	15/05	LATIN SMALL LETTER O WITH DOUBLE ACUTE
12/06	LATIN CAPITAL LETTER C WITH ACUTE	15/06	LATIN SMALL LETTER O WITH DIAERESIS
12/07	LATIN CAPITAL LETTER C WITH CEDILLA	15/07	DIVISION SIGN
12/08	LATIN CAPITAL LETTER C WITH CARON	15/08	LATIN SMALL LETTER R WITH CARON
12/09	LATIN CAPITAL LETTER E WITH ACUTE	15/09	LATIN SMALL LETTER U WITH RING ABOVE
12/10	LATIN CAPITAL LETTER E WITH OGONEK	15/10	LATIN SMALL LETTER U WITH ACUTE
12/11	LATIN CAPITAL LETTER E WITH DIAERESIS	15/11	LATIN SMALL LETTER U WITH DOUBLE ACUTE
12/12	LATIN CAPITAL LETTER E WITH CARON	15/12	LATIN SMALL LETTER U WITH DIAERESIS
12/13	LATIN CAPITAL LETTER I WITH ACUTE	15/13	LATIN SMALL LETTER Y WITH ACUTE
12/14	LATIN CAPITAL LETTER I WITH CIRCUMFLEX	15/14	LATIN SMALL LETTER T WITH CEDILLA
12/15	LATIN CAPITAL LETTER D WITH CARON	15/15	DOT ABOVE

Name : LATIN ALPHABET No. 3, SUPPLEMENTARY SET
 Registration : No. 109
 Escape sequences : G1 : ESC 02/13 04/03
 : G2 : ESC 02/14 04/03
 : G3 : ESC 02/15 04/03
 Number of characters : 89

Field of Utilisation

Afrikaans, Catalan, Dutch, English, Esperanto, French, Galician, German, Italian, Maltese, Spanish and Turkish.

Table 7 - Latin Alphabet No. 3, Supplementary Set

				b.	1	1	1	1	1
				b.	0	0	1	1	1
				b.	1	1	0	0	1
				b.	0	1	0	1	0
					10	11	12	13	14
b.	b.	b.	b.						
0	0	0	0	00	NBSP	°	À	à	
0	0	0	1	01	Ɔ	ħ	Ã	ã	ñ
0	0	1	0	02	˘	²	Â	ò	â
0	0	1	1	03	£	³		ó	
0	1	0	0	04	¤	'	Ä	ô	ä
0	1	0	1	05		μ	Č	Ġ	č
0	1	1	0	06	Ĥ	ĥ	Ĉ	ö	ĉ
0	1	1	1	07	Š	•	Ç	×	ç
1	0	0	0	08	"	,	È	Ê	è
1	0	0	1	09	İ	ı	É	Ù	é
1	0	1	0	10	Ş	ş	Ê	Ú	ê
1	0	1	1	11	Ğ	ğ	Ë	Û	ë
1	1	0	0	12	Ĵ	ĵ	Ì	Ü	ì
1	1	0	1	13	SHY	½	Í	Ŭ	í
1	1	1	0	14			Î	Ŝ	î
1	1	1	1	15	Ž	ž	İ	ß	ï

Table 8 - Names of the characters of table 7

Bit comb.	Name	Bit comb.	Name
10/00	NO-BREAK SPACE	13/00	<i>(This position shall not be used)</i>
10/01	LATIN CAPITAL LETTER H WITH STROKE	13/01	LATIN CAPITAL LETTER N WITH TILDE
10/02	BREVE	13/02	LATIN CAPITAL LETTER O WITH GRAVE
10/03	POUND SIGN	13/03	LATIN CAPITAL LETTER O WITH ACUTE
10/04	CURRENCY SIGN	13/04	LATIN CAPITAL LETTER O WITH CIRCUMFLEX
10/05	<i>(This position shall not be used)</i>	13/05	LATIN CAPITAL LETTER G WITH DOT ABOVE
10/06	LATIN CAPITAL LETTER H WITH CIRCUMFLEX	13/06	LATIN CAPITAL LETTER O WITH DIAERESIS
10/07	SECTION SIGN	13/07	MULTIPLICATION SIGN
10/08	DIAERESIS	13/08	LATIN CAPITAL LETTER G WITH CIRCUMFLEX
10/09	LATIN CAPITAL LETTER I WITH DOT ABOVE	13/09	LATIN CAPITAL LETTER U WITH GRAVE
10/10	LATIN CAPITAL LETTER S WITH CEDILLA	13/10	LATIN CAPITAL LETTER U WITH ACUTE
10/11	LATIN CAPITAL LETTER G WITH BREVE	13/11	LATIN CAPITAL LETTER U WITH CIRCUMFLEX
10/12	LATIN CAPITAL LETTER J WITH CIRCUMFLEX	13/12	LATIN CAPITAL LETTER U WITH DIAERESIS
10/13	SOFT HYPHEN	13/13	LATIN CAPITAL LETTER U WITH BREVE
10/14	<i>(This position shall not be used)</i>	13/14	LATIN CAPITAL LETTER S WITH CIRCUMFLEX
10/15	LATIN CAPITAL LETTER Z WITH DOT ABOVE	13/15	LATIN SMALL LETTER SHARP S (German)
11/00	DEGREE SIGN	14/00	LATIN SMALL LETTER A WITH GRAVE
11/01	LATIN SMALL LETTER H WITH STROKE	14/01	LATIN SMALL LETTER A WITH ACUTE
11/02	SUPERSCRIP TWO	14/02	LATIN SMALL LETTER A WITH CIRCUMFLEX
11/03	SUPERSCRIP THREE	14/03	<i>(This position shall not be used)</i>
11/04	ACUTE ACCENT	14/04	LATIN SMALL LETTER A WITH DIAERESIS
11/05	MICRO SIGN	14/05	LATIN SMALL LETTER C WITH DOT ABOVE
11/06	LATIN SMALL LETTER H WITH CIRCUMFLEX	14/06	LATIN SMALL LETTER C WITH CIRCUMFLEX
11/07	MIDDLE DOT	14/07	LATIN SMALL LETTER C WITH CEDILLA
11/08	CEDILLA	14/08	LATIN SMALL LETTER E WITH GRAVE
11/09	LATIN SMALL LETTER DOTLESS I	14/09	LATIN SMALL LETTER E WITH ACUTE
11/10	LATIN SMALL LETTER S WITH CEDILLA	14/10	LATIN SMALL LETTER E WITH CIRCUMFLEX
11/11	LATIN SMALL LETTER G WITH BREVE	14/11	LATIN SMALL LETTER E WITH DIAERESIS
11/12	LATIN SMALL LETTER J WITH CIRCUMFLEX	14/12	LATIN SMALL LETTER I WITH GRAVE
11/13	VULGAR FRACTION ONE HALF	14/13	LATIN SMALL LETTER I WITH ACUTE
11/14	<i>(This position shall not be used)</i>	14/14	LATIN SMALL LETTER I WITH CIRCUMFLEX
11/15	LATIN SMALL LETTER Z WITH DOT ABOVE	14/15	LATIN SMALL LETTER I WITH DIAERESIS
12/00	LATIN CAPITAL LETTER A WITH GRAVE	15/00	<i>(This position shall not be used)</i>
12/01	LATIN CAPITAL LETTER A WITH ACUTE	15/01	LATIN SMALL LETTER N WITH TILDE
12/02	LATIN CAPITAL LETTER A WITH CIRCUMFLEX	15/02	LATIN SMALL LETTER O WITH GRAVE
12/03	<i>(This position shall not be used)</i>	15/03	LATIN SMALL LETTER O WITH ACUTE
12/04	LATIN CAPITAL LETTER A WITH DIAERESIS	15/04	LATIN SMALL LETTER O WITH CIRCUMFLEX
12/05	LATIN CAPITAL LETTER C WITH DOT ABOVE	15/05	LATIN SMALL LETTER G WITH DOT ABOVE
12/06	LATIN CAPITAL LETTER C WITH CIRCUMFLEX	15/06	LATIN SMALL LETTER O WITH DIAERESIS
12/07	LATIN CAPITAL LETTER C WITH CEDILLA	15/07	DIVISION SIGN
12/08	LATIN CAPITAL LETTER E WITH GRAVE	15/08	LATIN SMALL LETTER G WITH CIRCUMFLEX
12/09	LATIN CAPITAL LETTER E WITH ACUTE	15/09	LATIN SMALL LETTER U WITH GRAVE
12/10	LATIN CAPITAL LETTER E WITH CIRCUMFLEX	15/10	LATIN SMALL LETTER U WITH ACUTE
12/11	LATIN CAPITAL LETTER E WITH DIAERESIS	15/11	LATIN SMALL LETTER U WITH CIRCUMFLEX
12/12	LATIN CAPITAL LETTER I WITH GRAVE	15/12	LATIN SMALL LETTER U WITH DIAERESIS
12/13	LATIN CAPITAL LETTER I WITH ACUTE	15/13	LATIN SMALL LETTER U WITH BREVE
12/14	LATIN CAPITAL LETTER I WITH CIRCUMFLEX	15/14	LATIN SMALL LETTER S WITH CIRCUMFLEX
12/15	LATIN CAPITAL LETTER I WITH DIAERESIS	15/15	DOT ABOVE

Name : LATIN ALPHABET No. 4, SUPPLEMENTARY SET
 Registration : No. 110
 Escape sequences : G1 : ESC 02/13 04/04
 : G2 : ESC 02/14 04/04
 : G3 : ESC 02/15 04/04
 Number of characters : 96

Field of Utilisation

Danish, English, Estonian, Finnish, German, Greenlandic, Lappish, Latvian, Lithuanian, Norwegian and Swedish.

Table 9 - Latin Alphabet No. 4, Supplementary Set

					b.	1	1	1	1	1	1
					b.	0	0	1	1	1	1
					b.	1	1	0	0	1	1
					b.	0	1	0	1	0	1
						10	11	12	13	14	15
b.	b.	b.	b.								
0	0	0	0	00	NBSP	°	Ā	Đ	ā	đ	
0	0	0	1	01	À	ą	Á	Ŋ	á	ŋ	
0	0	1	0	02	κ	˙	Â	Ō	â	ō	
0	0	1	1	03	Ŕ	ŗ	Ã	Ɔ	ã	ķ	
0	1	0	0	04	Ꝥ	ˆ	Ä	Ô	ä	ô	
0	1	0	1	05	Ī	ī	Ȧ	Õ	ȧ	õ	
0	1	1	0	06	Ł	ł	Æ	Ö	æ	ö	
0	1	1	1	07	Š	˘	Į	×	į	÷	
1	0	0	0	08	"	,	Č	Ø	č	ø	
1	0	0	1	09	Š	š	É	Ȳ	é	ȳ	
1	0	1	0	10	Ē	ē	Ę	Ú	ę	ú	
1	0	1	1	11	Ģ	ģ	Ē	Û	ē	û	
1	1	0	0	12	Ț	ț	Ė	Ü	ė	ü	
1	1	0	1	13	SHY	Ņ	Í	Ū	í	ū	
1	1	1	0	14	Ž	ž	Î	Ū	î	ū	
1	1	1	1	15	—	ŋ	Ī	ß	ī	•	

Table 10 - Names of the characters of table 9

Bit comb.	Name	Bit comb.	Name
10/00	NO-BREAK SPACE	13/00	LATIN CAPITAL LETTER D WITH STROKE
10/01	LATIN CAPITAL LETTER A WITH OGONEK	13/01	LATIN CAPITAL LETTER N WITH CEDILLA
10/02	LATIN SMALL LETTER KRA (Greenlandic)	13/02	LATIN CAPITAL LETTER O WITH MACRON
10/03	LATIN CAPITAL LETTER R WITH CEDILLA	13/03	LATIN CAPITAL LETTER K WITH CEDILLA
10/04	CURRENCY SIGN	13/04	LATIN CAPITAL LETTER O WITH CIRCUMFLEX
10/05	LATIN CAPITAL LETTER I WITH TILDE	13/05	LATIN CAPITAL LETTER O WITH TILDE
10/06	LATIN CAPITAL LETTER L WITH CEDILLA	13/06	LATIN CAPITAL LETTER O WITH DIAERESIS
10/07	SECTION SIGN	13/07	MULTIPLICATION SIGN
10/08	DIAERESIS	13/08	LATIN CAPITAL LETTER O WITH STROKE
10/09	LATIN CAPITAL LETTER S WITH CARON	13/09	LATIN CAPITAL LETTER U WITH OGONEK
10/10	LATIN CAPITAL LETTER E WITH MACRON	13/10	LATIN CAPITAL LETTER U WITH ACUTE
10/11	LATIN CAPITAL LETTER G WITH CEDILLA	13/11	LATIN CAPITAL LETTER U WITH CIRCUMFLEX
10/12	LATIN CAPITAL LETTER T WITH STROKE	13/12	LATIN CAPITAL LETTER U WITH DIAERESIS
10/13	SOFT HYPHEN	13/13	LATIN CAPITAL LETTER U WITH TILDE
10/14	LATIN CAPITAL LETTER Z WITH CARON	13/14	LATIN CAPITAL LETTER U WITH MACRON
10/15	MACRON	13/15	LATIN SMALL LETTER SHARP S (German)
11/00	DEGREE SIGN	14/00	LATIN SMALL LETTER A WITH MACRON
11/01	LATIN SMALL LETTER A WITH OGONEK	14/01	LATIN SMALL LETTER A WITH ACUTE
11/02	OGONEK	14/02	LATIN SMALL LETTER A WITH CIRCUMFLEX
11/03	LATIN SMALL LETTER R WITH CEDILLA	14/03	LATIN SMALL LETTER A WITH TILDE
11/04	ACUTE ACCENT	14/04	LATIN SMALL LETTER A WITH DIAERESIS
11/05	LATIN SMALL LETTER I WITH TILDE	14/05	LATIN SMALL LETTER A WITH RING ABOVE
11/06	LATIN SMALL LETTER L WITH CEDILLA	14/06	LATIN SMALL LIGATURE AE
11/07	CARON	14/07	LATIN SMALL LETTER I WITH OGONEK
11/08	CEDILLA	14/08	LATIN SMALL LETTER C WITH CARON
11/09	LATIN SMALL LETTER S WITH CARON	14/09	LATIN SMALL LETTER E WITH ACUTE
11/10	LATIN SMALL LETTER E WITH MACRON	14/10	LATIN SMALL LETTER E WITH OGONEK
11/11	LATIN SMALL LETTER G WITH CEDILLA	14/11	LATIN SMALL LETTER E WITH DIAERESIS
11/12	LATIN SMALL LETTER T WITH STROKE	14/12	LATIN SMALL LETTER E WITH DOT ABOVE
11/13	LATIN CAPITAL LETTER ENG (Lappish)	14/13	LATIN SMALL LETTER I WITH ACUTE
11/14	LATIN SMALL LETTER Z WITH CARON	14/14	LATIN SMALL LETTER I WITH CIRCUMFLEX
11/15	LATIN SMALL LETTER ENG (Lappish)	14/15	LATIN SMALL LETTER I WITH MACRON
12/00	LATIN CAPITAL LETTER A WITH MACRON	15/00	LATIN SMALL LETTER D WITH STROKE
12/01	LATIN CAPITAL LETTER A WITH ACUTE	15/01	LATIN SMALL LETTER N WITH CEDILLA
12/02	LATIN CAPITAL LETTER A WITH CIRCUMFLEX	15/02	LATIN SMALL LETTER O WITH MACRON
12/03	LATIN CAPITAL LETTER A WITH TILDE	15/03	LATIN SMALL LETTER K WITH CEDILLA
12/04	LATIN CAPITAL LETTER A WITH DIAERESIS	15/04	LATIN SMALL LETTER O WITH CIRCUMFLEX
12/05	LATIN CAPITAL LETTER A WITH RING ABOVE	15/05	LATIN SMALL LETTER O WITH TILDE
12/06	LATIN CAPITAL LIGATURE AE	15/06	LATIN SMALL LETTER O WITH DIAERESIS
12/07	LATIN CAPITAL LETTER I WITH OGONEK	15/07	DIVISION SIGN
12/08	LATIN CAPITAL LETTER C WITH CARON	15/08	LATIN SMALL LETTER O WITH STROKE
12/09	LATIN CAPITAL LETTER E WITH ACUTE	15/09	LATIN SMALL LETTER U WITH OGONEK
12/10	LATIN CAPITAL LETTER E WITH OGONEK	15/10	LATIN SMALL LETTER U WITH ACUTE
12/11	LATIN CAPITAL LETTER E WITH DIAERESIS	15/11	LATIN SMALL LETTER U WITH CIRCUMFLEX
12/12	LATIN CAPITAL LETTER E WITH DOT ABOVE	15/12	LATIN SMALL LETTER U WITH DIAERESIS
12/13	LATIN CAPITAL LETTER I WITH ACUTE	15/13	LATIN SMALL LETTER U WITH TILDE
12/14	LATIN CAPITAL LETTER I WITH CIRCUMFLEX	15/14	LATIN SMALL LETTER U WITH MACRON
12/15	LATIN CAPITAL LETTER I WITH MACRON	15/15	DOT ABOVE

Name : LATIN ALPHABET No. 5, SUPPLEMENTARY SET
 Registration : No. 148
 Escape sequences : G1 : ESC 02/13 04/13
 : G2 : ESC 02/14 04/13
 : G3 : ESC 02/15 04/13
 Number of characters : 96

Field of Utilisation

Danish, Dutch, English, Finnish, French, German, Irish, Italian, Norwegian, Portuguese, Spanish, Swedish and Turkish.

Table 11 - Latin Alphabet No. 5, Supplementary Set

					b.	1	1	1	1	1	1
					b.	0	0	1	1	1	1
					b.	1	1	0	0	1	1
					b.	0	1	0	1	0	1
						10	11	12	13	14	15
b.	b.	b.	b.								
0	0	0	0	00	NBSP	°	À	Ĝ	à	ğ	
0	0	0	1	01	ı	±	Á	Ñ	á	ñ	
0	0	1	0	02	¢	²	Â	Ò	â	ò	
0	0	1	1	03	£	³	Ã	Ó	ã	ó	
0	1	0	0	04	¤	´	Ä	Ô	ä	ô	
0	1	0	1	05	¥	µ	Å	Õ	å	õ	
0	1	1	0	06	¦	¶	Æ	Ö	æ	ö	
0	1	1	1	07	§	·	Ç	×	ç	÷	
1	0	0	0	08	"	,	È	Ø	è	ø	
1	0	0	1	09	©	¹	É	Ù	é	ù	
1	0	1	0	10	ª	º	Ê	Ú	ê	ú	
1	0	1	1	11	«	»	Ë	Û	ë	û	
1	1	0	0	12	¼	¼	Ì	Ü	ì	ü	
1	1	0	1	13	SHY	½	Í	İ	í	ı	
1	1	1	0	14	®	¾	Î	Ş	î	ş	
1	1	1	1	15	¯	¿	Ï	ß	ï	ÿ	

Table 12 - Names of the characters of table 11

Bit comb.	Name	Bit comb.	Name
10/00	NO-BREAK SPACE	13/00	LATIN CAPITAL LETTER G WITH BREVE
10/01	INVERTED EXCLAMATION MARK	13/01	LATIN CAPITAL LETTER N WITH TILDE
10/02	CENT SIGN	13/02	LATIN CAPITAL LETTER O WITH GRAVE
10/03	POUND SIGN	13/03	LATIN CAPITAL LETTER O WITH ACUTE
10/04	CURRENCY SIGN	13/04	LATIN CAPITAL LETTER O WITH CIRCUMFLEX
10/05	YEN SIGN	13/05	LATIN CAPITAL LETTER O WITH TILDE
10/06	BROKEN BAR	13/06	LATIN CAPITAL LETTER O WITH DIAERESIS
10/07	SECTION SIGN	13/07	MULTIPLICATION SIGN
10/08	DIAERESIS	13/08	LATIN CAPITAL LETTER O WITH STROKE
10/09	COPYRIGHT SIGN	13/09	LATIN CAPITAL LETTER U WITH GRAVE
10/10	FEMININE ORDINAL INDICATOR	13/10	LATIN CAPITAL LETTER U WITH ACUTE
10/11	LEFT-POINTING DOUBLE ANGLE QUOTATION MARK	13/11	LATIN CAPITAL LETTER U WITH CIRCUMFLEX
10/12	NOT SIGN	13/12	LATIN CAPITAL LETTER U WITH DIAERESIS
10/13	SOFT HYPHEN	13/13	LATIN CAPITAL LETTER I WITH DOT ABOVE
10/14	REGISTERED SIGN	13/14	LATIN CAPITAL LETTER S WITH CEDILLA
10/15	MACRON	13/15	LATIN SMALL LETTER SHARP S (German)
11/00	DEGREE SIGN	14/00	LATIN SMALL LETTER A WITH GRAVE
11/01	PLUS-MINUS SIGN	14/01	LATIN SMALL LETTER A WITH ACUTE
11/02	SUPERSCRIT TWO	14/02	LATIN SMALL LETTER A WITH CIRCUMFLEX
11/03	SUPERSCRIT THREE	14/03	LATIN SMALL LETTER A WITH TILDE
11/04	ACUTE ACCENT	14/04	LATIN SMALL LETTER A WITH DIAERESIS
11/05	MICRO SIGN	14/05	LATIN SMALL LETTER A WITH RING ABOVE
11/06	PILCROW SIGN	14/06	LATIN SMALL LIGATURE AE
11/07	MIDDLE DOT	14/07	LATIN SMALL LETTER C WITH CEDILLA
11/08	CEDILLA	14/08	LATIN SMALL LETTER E WITH GRAVE
11/09	SUPERSCRIT ONE	14/09	LATIN SMALL LETTER E WITH ACUTE
11/10	MASCULINE ORDINAL INDICATOR	14/10	LATIN SMALL LETTER E WITH CIRCUMFLEX
11/11	RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK	14/11	LATIN SMALL LETTER E WITH DIAERESIS
11/12	VULGAR FRACTION ONE QUARTER	14/12	LATIN SMALL LETTER I WITH GRAVE
11/13	VULGAR FRACTION ONE HALF	14/13	LATIN SMALL LETTER I WITH ACUTE
11/14	VULGAR FRACTION THREE QUARTERS	14/14	LATIN SMALL LETTER I WITH CIRCUMFLEX
11/15	INVERTED QUESTION MARK	14/15	LATIN SMALL LETTER I WITH DIAERESIS
12/00	LATIN CAPITAL LETTER A WITH GRAVE	15/00	LATIN SMALL LETTER G WITH BREVE
12/01	LATIN CAPITAL LETTER A WITH CIRCUMFLEX	15/01	LATIN SMALL LETTER N WITH TILDE
12/02	LATIN CAPITAL LETTER A WITH ACUTE	15/02	LATIN SMALL LETTER O WITH GRAVE
12/03	LATIN CAPITAL LETTER A WITH TILDE	15/03	LATIN SMALL LETTER O WITH ACUTE
12/04	LATIN CAPITAL LETTER A WITH DIAERESIS	15/04	LATIN SMALL LETTER O WITH CIRCUMFLEX
12/05	LATIN CAPITAL LETTER A WITH RING ABOVE	15/05	LATIN SMALL LETTER O WITH TILDE
12/06	LATIN CAPITAL LIGATURE AE	15/06	LATIN SMALL LETTER O WITH DIAERESIS
12/07	LATIN CAPITAL LETTER C WITH CEDILLA	15/07	DIVISION SIGN
12/08	LATIN CAPITAL LETTER E WITH GRAVE	15/08	LATIN SMALL LETTER O WITH STROKE
12/09	LATIN CAPITAL LETTER E WITH ACUTE	15/09	LATIN SMALL LETTER U WITH GRAVE
12/10	LATIN CAPITAL LETTER E WITH CIRCUMFLEX	15/10	LATIN SMALL LETTER U WITH ACUTE
12/11	LATIN CAPITAL LETTER E WITH DIAERESIS	15/11	LATIN SMALL LETTER U WITH CIRCUMFLEX
12/12	LATIN CAPITAL LETTER I WITH GRAVE	15/12	LATIN SMALL LETTER U WITH DIAERESIS
12/13	LATIN CAPITAL LETTER I WITH ACUTE	15/13	LATIN SMALL LETTER DOTLESS I
12/14	LATIN CAPITAL LETTER I WITH CIRCUMFLEX	15/14	LATIN SMALL LETTER S WITH CEDILLA
12/15	LATIN CAPITAL LETTER I WITH DIAERESIS	15/15	LATIN SMALL LETTER Y WITH DIAERESIS

Name : CYRILLIC SUPPLEMENTARY SET

Registration : No. 144

Escape sequences : G1 : ESC 02/13 04/12

: G2 : ESC 02/14 04/12

: G3 : ESC 02/15 04/12

Number of characters : 96

Field of Utilisation

Bulgarian, Byelorussian, English, Macedonian, Russian, Serbocroatian and Ukrainian.

Table 13 - Cyrillic Supplementary Set

b.	1	1	1	1	1	1
b.	0	0	1	1	1	1
b.	1	1	0	0	1	1
b.	0	1	0	1	0	1
	10	11	12	13	14	15
b.	b.	b.	b.			
0	0	0	0	00	NBSP	А
0	0	0	1	01	Р	а
0	0	1	0	02	р	№
0	0	1	1	03	Ё	Б
0	1	0	0	04	б	С
0	1	0	1	05	с	ё
0	1	1	0	06	Ѣ	В
0	1	1	1	07	ѣ	Ѣ
1	0	0	0	08	Ѥ	Ѧ
1	0	0	1	09	ѧ	Ѩ
1	0	1	0	10	ѩ	Ѫ
1	0	1	1	11	ѫ	Ѭ
1	1	0	0	12	ѭ	Ѯ
1	1	0	1	13	ѯ	Ѱ
1	1	1	0	14	ѱ	Ѳ
1	1	1	1	15	ѳ	Ѵ

Table 14 - Names of the characters of table 13

Bit comb.	Name	Bit comb.	Name
10/00	NO-BREAK SPACE	13/00	CYRILLIC SMALL LETTER A
10/01	CYRILLIC CAPITAL LETTER IO	13/01	CYRILLIC SMALL LETTER BE
10/02	CYRILLIC CAPITAL LETTER DJE (Serbocroatian)	13/02	CYRILLIC SMALL LETTER VE
10/03	CYRILLIC CAPITAL LETTER GJE (Macedonian)	13/03	CYRILLIC SMALL LETTER GHE
10/04	CYRILLIC CAPITAL LETTER UKRAINIAN IE	13/04	CYRILLIC SMALL LETTER DE
10/05	CYRILLIC CAPITAL LETTER DZE (Macedonian)	13/05	CYRILLIC SMALL LETTER IE
10/06	CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I	13/06	CYRILLIC SMALL LETTER ZHE
10/07	CYRILLIC CAPITAL LETTER YI (Ukrainian)	13/07	CYRILLIC SMALL LETTER ZE
10/08	CYRILLIC CAPITAL LETTER JE	13/08	CYRILLIC SMALL LETTER I
10/09	CYRILLIC CAPITAL LETTER LJE	13/09	CYRILLIC SMALL LETTER SHORT I
10/10	CYRILLIC CAPITAL LETTER NJE	13/10	CYRILLIC SMALL LETTER KA
10/11	CYRILLIC CAPITAL LETTER TSHE (Serbocroatian)	13/11	CYRILLIC SMALL LETTER EL
10/12	CYRILLIC CAPITAL LETTER KJE (Macedonian)	13/12	CYRILLIC SMALL LETTER EM
10/13	SOFT HYPHEN	13/13	CYRILLIC SMALL LETTER EN
10/14	CYRILLIC CAPITAL LETTER SHORT U (Byelorussian)	13/14	CYRILLIC SMALL LETTER O
10/15	CYRILLIC CAPITAL LETTER DZHE	13/15	CYRILLIC SMALL LETTER PE
11/00	CYRILLIC CAPITAL LETTER A	14/00	CYRILLIC SMALL LETTER ER
11/01	CYRILLIC CAPITAL LETTER BE	14/01	CYRILLIC SMALL LETTER ES
11/02	CYRILLIC CAPITAL LETTER VE	14/02	CYRILLIC SMALL LETTER TE
11/03	CYRILLIC CAPITAL LETTER GHE	14/03	CYRILLIC SMALL LETTER U
11/04	CYRILLIC CAPITAL LETTER DE	14/04	CYRILLIC SMALL LETTER EF
11/05	CYRILLIC CAPITAL LETTER IE	14/05	CYRILLIC SMALL LETTER HA
11/06	CYRILLIC CAPITAL LETTER ZHE	14/06	CYRILLIC SMALL LETTER TSE
11/07	CYRILLIC CAPITAL LETTER ZE	14/07	CYRILLIC SMALL LETTER CHE
11/08	CYRILLIC CAPITAL LETTER I	14/08	CYRILLIC SMALL LETTER SHA
11/09	CYRILLIC CAPITAL LETTER SHORT I	14/09	CYRILLIC SMALL LETTER SHCHA
11/10	CYRILLIC CAPITAL LETTER KA	14/10	CYRILLIC SMALL LETTER HARD SIGN
11/11	CYRILLIC CAPITAL LETTER EL	14/11	CYRILLIC SMALL LETTER YERU
11/12	CYRILLIC CAPITAL LETTER EM	14/12	CYRILLIC SMALL LETTER SOFT SIGN
11/13	CYRILLIC CAPITAL LETTER EN	14/13	CYRILLIC SMALL LETTER E
11/14	CYRILLIC CAPITAL LETTER O	14/14	CYRILLIC SMALL LETTER YU
11/15	CYRILLIC CAPITAL LETTER PE	14/15	CYRILLIC SMALL LETTER YA
12/00	CYRILLIC CAPITAL LETTER ER	15/00	NUMERO SIGN
12/01	CYRILLIC CAPITAL LETTER ES	15/01	CYRILLIC SMALL LETTER IO
12/02	CYRILLIC CAPITAL LETTER TE	15/02	CYRILLIC SMALL LETTER DJE (Serbocroatian)
12/03	CYRILLIC CAPITAL LETTER U	15/03	CYRILLIC SMALL LETTER GJE (Macedonian)
12/04	CYRILLIC CAPITAL LETTER EF	15/04	CYRILLIC SMALL LETTER UKRAINIAN IE
12/05	CYRILLIC CAPITAL LETTER HA	15/05	CYRILLIC SMALL LETTER DZE (Macedonian)
12/06	CYRILLIC CAPITAL LETTER TSE	15/06	CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I
12/07	CYRILLIC CAPITAL LETTER CHE	15/07	CYRILLIC SMALL LETTER YI (Ukrainian)
12/08	CYRILLIC CAPITAL LETTER SHA	15/08	CYRILLIC SMALL LETTER JE
12/09	CYRILLIC CAPITAL LETTER SHCHA	15/09	CYRILLIC SMALL LETTER LJE
12/10	CYRILLIC CAPITAL LETTER HARD SIGN	15/10	CYRILLIC SMALL LETTER NJE
12/11	CYRILLIC CAPITAL LETTER YERU	15/11	CYRILLIC SMALL LETTER TSHE (Serbocroatian)
12/12	CYRILLIC CAPITAL LETTER SOFT SIGN	15/12	CYRILLIC SMALL LETTER KJE (Macedonian)
12/13	CYRILLIC CAPITAL LETTER E	15/13	SECTION SIGN
12/14	CYRILLIC CAPITAL LETTER YU	15/14	CYRILLIC SMALL LETTER SHORT U (Byelorussian)
12/15	CYRILLIC CAPITAL LETTER YA	15/15	CYRILLIC SMALL LETTER DZHE

Name : ARABIC SUPPLEMENTARY SET
 Registration : No. 127
 Escape sequences : G1 : ESC 02/13 04/07
 : G2 : ESC 02/14 04/07
 : G3 : ESC 02/15 04/07
 Number of characters : 51
 Field of Utilisation
 English and Arabic.

Table 15 - Arabic Supplementary Set

					b.	1	1	1	1	1	1
					b.	0	0	1	1	1	1
					b.	1	1	0	0	1	1
					b.	0	1	0	1	0	1
						10	11	12	13	14	15
b.	b.	b.	b.								
0	0	0	0	00	NBSP				ذ	ـ	ـ
0	0	0	1	01				ء	ر	ف	ـ
0	0	1	0	02				آ	ز	ق	هـ
0	0	1	1	03				أ	س	ك	
0	1	0	0	04	هـ			و	ش	ل	
0	1	0	1	05				إ	ص	م	
0	1	1	0	06				ئ	ض	ن	
0	1	1	1	07				ا	ط	هـ	
1	0	0	0	08				ب	ظ	و	
1	0	0	1	09				ة	ع	ى	
1	0	1	0	10				ت	غ	ي	
1	0	1	1	11			؛	ث		ء	
1	1	0	0	12	،			ج		”	
1	1	0	1	13	SHY			ح		ء	
1	1	1	0	14				خ		ـ	
1	1	1	1	15			؟	د		،	

Table 16 - Names of the characters of table 15

Bit comb.	Name	Bit comb.	Name
10/00	NO-BREAK SPACE	13/00	ARABIC LETTER THAL
10/01	<i>(This position shall not be used)</i>	13/01	ARABIC LETTER RA
10/02	<i>(This position shall not be used)</i>	13/02	ARABIC LETTER ZAIN
10/03	<i>(This position shall not be used)</i>	13/03	ARABIC LETTER SEEN
10/04	CURRENCY SIGN	13/04	ARABIC LETTER SHEEN
10/05	<i>(This position shall not be used)</i>	13/05	ARABIC LETTER SAD
10/06	<i>(This position shall not be used)</i>	13/06	ARABIC LETTER DAD
10/07	<i>(This position shall not be used)</i>	13/07	ARABIC LETTER TAH
10/08	<i>(This position shall not be used)</i>	13/08	ARABIC LETTER ZAH
10/09	<i>(This position shall not be used)</i>	13/09	ARABIC LETTER AIN
10/10	<i>(This position shall not be used)</i>	13/10	ARABIC LETTER GHAIN
10/11	<i>(This position shall not be used)</i>	13/11	<i>(This position shall not be used)</i>
10/12	ARABIC COMMA	13/12	<i>(This position shall not be used)</i>
10/13	SOFT HYPHEN	13/13	<i>(This position shall not be used)</i>
10/14	<i>(This position shall not be used)</i>	13/14	<i>(This position shall not be used)</i>
10/15	<i>(This position shall not be used)</i>	13/15	<i>(This position shall not be used)</i>
11/00	<i>(This position shall not be used)</i>	14/00	ARABIC TATWEEL
11/01	<i>(This position shall not be used)</i>	14/01	ARABIC LETTER FEH
11/02	<i>(This position shall not be used)</i>	14/02	ARABIC LETTER QAF
11/03	<i>(This position shall not be used)</i>	14/03	ARABIC LETTER KAF
11/04	<i>(This position shall not be used)</i>	14/04	ARABIC LETTER LAM
11/05	<i>(This position shall not be used)</i>	14/05	ARABIC LETTER MEEM
11/06	<i>(This position shall not be used)</i>	14/06	ARABIC LETTER NOON
11/07	<i>(This position shall not be used)</i>	14/07	ARABIC LETTER HEH
11/08	<i>(This position shall not be used)</i>	14/08	ARABIC LETTER WAW
11/09	<i>(This position shall not be used)</i>	14/09	ARABIC LETTER ALEF MAKSURA
11/10	<i>(This position shall not be used)</i>	14/10	ARABIC LETTER YEH
11/11	ARABIC SEMICOLON	14/11	ARABIC FATHATAN
11/12	<i>(This position shall not be used)</i>	14/12	ARABIC DAMMATAN
11/13	<i>(This position shall not be used)</i>	14/13	ARABIC KASRATAN
11/14	<i>(This position shall not be used)</i>	14/14	ARABIC FATHA
11/15	ARABIC QUESTION MARK	14/15	ARABIC DAMMA
12/00	<i>(This position shall not be used)</i>	15/00	ARABIC KASRA
12/01	ARABIC HAMZA	15/01	ARABIC SHADDA
12/02	ARABIC LETTER ALEF WITH MADDA ABOVE	15/02	ARABIC SUKUN
12/03	ARABIC LETTER ALEF WITH HAMZA ABOVE	15/03	<i>(This position shall not be used)</i>
12/04	ARABIC LETTER WAW WITH HAMZA ABOVE	15/04	<i>(This position shall not be used)</i>
12/05	ARABIC LETTER ALEF WITH HAMZA BELOW	15/05	<i>(This position shall not be used)</i>
12/06	ARABIC LETTER YEH WITH HAMZA ABOVE	15/06	<i>(This position shall not be used)</i>
12/07	ARABIC LETTER ALEF	15/07	<i>(This position shall not be used)</i>
12/08	ARABIC LETTER BEH	15/08	<i>(This position shall not be used)</i>
12/09	ARABIC LETTER TEH MARBUTA	15/09	<i>(This position shall not be used)</i>
12/10	ARABIC LETTER TEH	15/10	<i>(This position shall not be used)</i>
12/11	ARABIC LETTER THEH	15/11	<i>(This position shall not be used)</i>
12/12	ARABIC LETTER JEEM	15/12	<i>(This position shall not be used)</i>
12/13	ARABIC LETTER HAH	15/13	<i>(This position shall not be used)</i>
12/14	ARABIC LETTER KHAH	15/14	<i>(This position shall not be used)</i>
12/15	ARABIC LETTER DAL	15/15	<i>(This position shall not be used)</i>

Name : GREEK SUPPLEMENTARY SET
 Registration : No. 126
 Escape sequences : G1 : ESC 02/13 04/06
 : G2 : ESC 02/14 04/06
 : G3 : ESC 02/15 04/06
 Number of characters : 90
 Field of Utilisation
 English and Greek

Table 17 - Greek Supplementary Set

					b ₁	1	1	1	1	1	1
					b ₂	0	0	1	1	1	1
					b ₃	1	1	0	0	1	1
					b ₄	0	1	0	1	0	1
						10	11	12	13	14	15
b ₅	b ₆	b ₇	b ₈	b ₉							
0	0	0	0	00	NBSP	°	ı	Π	ϑ	π	
0	0	0	1	01	'	±	Α	Ρ	α	ρ	
0	0	1	0	02	,	²	Β		β	ς	
0	0	1	1	03	£	³	Γ	Σ	γ	σ	
0	1	0	0	04		'	Δ	Τ	δ	τ	
0	1	0	1	05		!	Ε	Υ	ε	υ	
0	1	1	0	06	'	'Α	Ζ	Φ	ζ	φ	
0	1	1	1	07	§	▪	Η	Χ	η	χ	
1	0	0	0	08	"	'Ε	Θ	Ψ	θ	ψ	
1	0	0	1	09	©	'Η	Ι	Ω	ι	ω	
1	0	1	0	10		'Ι	Κ	Ϊ	κ	ϊ	
1	0	1	1	11	<<	>>	Λ	Ψ	λ	ϋ	
1	1	0	0	12	¬	'Ο	Μ	Α	μ	ο	
1	1	0	1	13	SHY	½	Ν	Ε	ν	ύ	
1	1	1	0	14		'Υ	Ξ	Η	ξ	ώ	
1	1	1	1	15	—	'Ω	Ο	ι	ο		

Table 18 - Names of the characters of table 17

Bit comb.	Name	Bit comb.	Name
10/00	NO-BREAK SPACE	13/00	GREEK CAPITAL LETTER PI
10/01	LEFT SINGLE QUOTATION MARK	13/01	GREEK CAPITAL LETTER RHO
10/02	RIGHT SINGLE QUOTATION MARK	13/02	<i>(This position shall not be used)</i>
10/03	POUND SIGN	13/03	GREEK CAPITAL LETTER SIGMA
10/04	<i>(This position shall not be used)</i>	13/04	GREEK CAPITAL LETTER TAU
10/05	<i>(This position shall not be used)</i>	13/05	GREEK CAPITAL LETTER UPSILON
10/06	BROKEN BAR	13/06	GREEK CAPITAL LETTER PHI
10/07	SECTION SIGN	13/07	GREEK CAPITAL LETTER CHI
10/08	DIAERESIS (Dialytika)	13/08	GREEK CAPITAL LETTER PSI
10/09	COPYRIGHT SIGN	13/09	GREEK CAPITAL LETTER OMEGA
10/10	<i>(This position shall not be used)</i>	13/10	GREEK CAPITAL LETTER IOTA WITH DIAERESIS
10/11	LEFT-POINTING DOUBLE ANGLE QUOTATION MARK	13/11	GREEK CAPITAL LETTER UPSILON WITH DIAERESIS
10/12	NOT SIGN	13/12	GREEK SMALL LETTER ALPHA WITH ACUTE
10/13	SOFT HYPHEN	13/13	GREEK SMALL LETTER EPSILON WITH ACUTE
10/14	<i>(This position shall not be used)</i>	13/14	GREEK SMALL LETTER ETA WITH ACUTE
10/15	HORIZONTAL BAR (Parenthetiki Pavla)	13/15	GREEK SMALL LETTER IOTA WITH ACUTE
11/00	DEGREE SIGN	14/00	GREEK SMALL LETTER UPSILON WITH DIAERESIS AND ACUTE
11/01	PLUS-MINUS SIGN	14/01	GREEK SMALL LETTER ALPHA
11/02	SUPERSCRIP TWO	14/02	GREEK SMALL LETTER BETA
11/03	SUPERSCRIP THREE	14/03	GREEK SMALL LETTER GAMMA
11/04	ACUTE ACCENT (Tonos)	14/04	GREEK SMALL LETTER DELTA
11/05	DIAERESIS AND ACUTE (Dialytika and Tonos)	14/05	GREEK SMALL LETTER EPSILON
11/06	GREEK CAPITAL LETTER ALPHA WITH ACUTE	14/06	GREEK SMALL LETTER ZETA
11/07	MIDDLE DOT (Ano Teleia)	14/07	GREEK SMALL LETTER ETA
11/08	GREEK CAPITAL LETTER EPSILON WITH ACUTE	14/08	GREEK SMALL LETTER THETA
11/09	GREEK CAPITAL LETTER ETA WITH ACUTE	14/09	GREEK SMALL LETTER IOTA
11/10	GREEK CAPITAL LETTER IOTA WITH ACUTE	14/10	GREEK SMALL LETTER KAPPA
11/11	RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK	14/11	GREEK SMALL LETTER LAMBDA
11/12	GREEK CAPITAL LETTER OMICRON WITH ACUTE	14/12	GREEK SMALL LETTER MU
11/13	VULGAR FRACTION ONE HALF	14/13	GREEK SMALL LETTER NU
11/14	GREEK CAPITAL LETTER UPSILON WITH ACUTE	14/14	GREEK SMALL LETTER XI
11/15	GREEK CAPITAL LETTER OMEGA WITH ACUTE	14/15	GREEK SMALL LETTER OMICRON
12/00	GREEK SMALL LETTER IOTA WITH DIAERESIS AND ACUTE	15/00	GREEK SMALL LETTER PI
12/01	GREEK CAPITAL LETTER ALPHA	15/01	GREEK SMALL LETTER RHO
12/02	GREEK CAPITAL LETTER BETA	15/02	GREEK SMALL LETTER FINAL SIGMA
12/03	GREEK CAPITAL LETTER GAMMA	15/03	GREEK SMALL LETTER SIGMA
12/04	GREEK CAPITAL LETTER DELTA	15/04	GREEK SMALL LETTER TAU
12/05	GREEK CAPITAL LETTER EPSILON	15/05	GREEK SMALL LETTER UPSILON
12/06	GREEK CAPITAL LETTER ZETA	15/06	GREEK SMALL LETTER PHI
12/07	GREEK CAPITAL LETTER ETA	15/07	GREEK SMALL LETTER CHI
12/08	GREEK CAPITAL LETTER THETA	15/08	GREEK SMALL LETTER PSI
12/09	GREEK CAPITAL LETTER IOTA	15/09	GREEK SMALL LETTER OMEGA
12/10	GREEK CAPITAL LETTER KAPPA	15/10	GREEK SMALL LETTER IOTA WITH DIAERESIS
12/11	GREEK CAPITAL LETTER LAMBDA	15/11	GREEK SMALL LETTER UPSILON WITH DIAERESIS
12/12	GREEK CAPITAL LETTER MU	15/12	GREEK SMALL LETTER OMICRON WITH ACUTE
12/13	GREEK CAPITAL LETTER NU	15/13	GREEK SMALL LETTER UPSILON WITH ACUTE
12/14	GREEK CAPITAL LETTER XI	15/14	GREEK SMALL LETTER OMEGA WITH ACUTE
12/15	GREEK CAPITAL LETTER OMICRON	15/15	<i>(This position shall not be used)</i>

Name : HEBREW SUPPLEMENTARY SET
Registration : No. 138
Escape sequences : G1 : ESC 02/13 04/08
: G2 : ESC 02/14 04/08
: G3 : ESC 02/15 04/08
Number of characters : 58
Field of Utilisation
English and Hebrew

Table 19 - Hebrew Supplementary Set

b.				1	1	1	1	1	1
b.				0	0	1	1	1	1
b.				1	1	0	0	1	1
b.				0	1	0	1	0	1
				10	11	12	13	14	15
b.	b.	b.	b.	00	NBSP	°		ס	נ
0	0	0	1	01	±			ב	ם
0	0	1	0	02	¢	²		ג	ע
0	0	1	1	03	£	³		ד	ף
0	1	0	0	04	¤	'		ה	פ
0	1	0	1	05	¥	μ		ו	ץ
0	1	1	0	06		¶		ז	צ
0	1	1	1	07	§	·		ח	ק
1	0	0	0	08	"	¸		ט	ך
1	0	0	1	09	©	¹		י	ש
1	0	1	0	10	×	÷		ך	ת
1	0	1	1	11	<<	>>		כ	
1	1	0	0	12	¬	¼		ל	
1	1	0	1	13	SHY	½		ם	
1	1	1	0	14	®	¾		מ	
1	1	1	1	15	—		=	ן	

Table 20 - Names of the characters of table 19

Bit comb.	Name	Bit comb.	Name
10/00	NO-BREAK SPACE	13/00	(This position shall not be used)
10/01	(This position shall not be used)	13/01	(This position shall not be used)
10/02	CENT SIGN	13/02	(This position shall not be used)
10/03	POUND SIGN	13/03	(This position shall not be used)
10/04	CURRENCY SIGN	13/04	(This position shall not be used)
10/05	YEN SIGN	13/05	(This position shall not be used)
10/06	BROKEN BAR	13/06	(This position shall not be used)
10/07	SECTION SIGN	13/07	(This position shall not be used)
10/08	DIAERESIS	13/08	(This position shall not be used)
10/09	COPYRIGHT SIGN	13/09	(This position shall not be used)
10/10	MULTIPLICATION SIGN	13/10	(This position shall not be used)
10/11	LEFT-POINTING DOUBLE ANGLE QUOTATION MARK	13/11	(This position shall not be used)
10/12	NOT SIGN	13/12	(This position shall not be used)
10/13	SOFT HYPHEN	13/13	(This position shall not be used)
10/14	REGISTERED SIGN	13/14	(This position shall not be used)
10/15	LINE ABOVE	13/15	DOUBLE LOW LINE
11/00	DEGREE SIGN	14/00	HEBREW LETTER ALEF
11/01	PLUS-MINUS SIGN	14/01	HEBREW LETTER BET
11/02	SUPERSCRIT TWO	14/02	HEBREW LETTER GIMEL
11/03	SUPERSCRIT THREE	14/03	HEBREW LETTER DALET
11/04	ACUTE ACCENT	14/04	HEBREW LETTER HE
11/05	MICRO SIGN	14/05	HEBREW LETTER VAV
11/06	PILCROW SIGN	14/06	HEBREW LETTER ZAYIN
11/07	MIDDLE DOT	14/07	HEBREW LETTER HET
11/08	CEDILLA	14/08	HEBREW LETTER TET
11/09	SUPERSCRIT ONE	14/09	HEBREW LETTER YOD
11/10	DIVISION SIGN	14/10	HEBREW LETTER FINAL KAF
11/11	RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK	14/11	HEBREW LETTER KAF
11/12	VULGAR FRACTION ONE QUARTER	14/12	HEBREW LETTER LAMED
11/13	VULGAR FRACTION ONE HALF	14/13	HEBREW LETTER FINAL MEM
11/14	VULGAR FRACTION THREE QUARTERS	14/14	HEBREW LETTER MEM
11/15	(This position shall not be used)	14/15	HEBREW LETTER FINAL NUN
12/00	(This position shall not be used)	15/00	HEBREW LETTER NUN
12/01	(This position shall not be used)	15/01	HEBREW LETTER SAMEKH
12/02	(This position shall not be used)	15/02	HEBREW LETTER AYIN
12/03	(This position shall not be used)	15/03	HEBREW LETTER FINAL PE
12/04	(This position shall not be used)	15/04	HEBREW LETTER PE
12/05	(This position shall not be used)	15/05	HEBREW LETTER FINAL TSADI
12/06	(This position shall not be used)	15/06	HEBREW LETTER TSADI
12/07	(This position shall not be used)	15/07	HEBREW LETTER QOF
12/08	(This position shall not be used)	15/08	HEBREW LETTER RESH
12/09	(This position shall not be used)	15/09	HEBREW LETTER SHIN
12/10	(This position shall not be used)	15/10	HEBREW LETTER TAV
12/11	(This position shall not be used)	15/11	(This position shall not be used)
12/12	(This position shall not be used)	15/12	(This position shall not be used)
12/13	(This position shall not be used)	15/13	(This position shall not be used)
12/14	(This position shall not be used)	15/14	(This position shall not be used)
12/15	(This position shall not be used)	15/15	(This position shall not be used)

Name	: SUPPLEMENTARY SET FOR LATIN ALPHABETS No. 1 or No. 5, AND No. 2
Registration	: No. 154
Escape sequences	: G1 : ESC 02/13 5/0 : G2 : ESC 02/14 5/0 : G3 : ESC 02/15 5/0
Number of characters	: 90
Field of Utilisation	

When used as G3 set with Registrations 100 and 101, or 148 and 101 as G1 and G2 sets: Afrikaans, Albanian, Basque, Breton, Catalan, Czech, Danish, Dutch, English, Esperanto, Estonian, Faroese, Finnish, French, Frisian, Galician, German, Greenlandic, Hungarian, Icelandic, Irish, Italian, Lappish, Latvian, Lithuanian, Maltese, Norwegian, Polish, Portuguese, Rhaeto-Romance, Romanian, Scots Gaelic, Serbocroatian, Slovak, Slovene, Sorbian, Spanish, Swedish, Turkish, Welsh.

Table 21 - Supplementary Set for Latin Alphabets No. 1 or No. 5, and No. 2

b.	1	1	1	1	1	1
b.	0	0	1	1	1	1
b.	1	1	0	0	1	1
b.	0	1	0	1	0	1

b.	b.	b.	b.		10	11	12	13	14	15
0	0	0	0	00				—	Ω	κ
0	0	0	1	01			Ǧ	ŋ	ǧ	ŋ
0	0	1	0	02	Ā	ā	Ġ	Ō	ḡ	ō
0	0	1	1	03	Ĉ	ĉ	Ĝ	Æ	ḡ	æ
0	1	0	0	04	Ċ	ċ	Ĥ	Ŕ	ĥ	ŕ
0	1	0	1	05		ð	Ĥ	Ŝ	ĥ	ŝ
0	1	1	0	06	Ė	ė	Ĩ	Ʀ	ĩ	ƣ
0	1	1	1	07	Ē	ē	İ	Ʀ	ı	ƣ
1	0	0	0	08	Ĝ	ĝ	Ī	Ū	ī	ū
1	0	0	1	09	‘	’	Ț	Ŭ	Ț	ŭ
1	0	1	0	10	“	”	ıĲ	Ū	ij	ū
1	0	1	1	11	™	♪	Ĵ	Ŭ	Ĵ	ŭ
1	1	0	0	12	←	⅙	Ƙ	Ŵ	Ƙ	ŵ
1	1	0	1	13	↑	⅔	Ƙ	Ŷ	Ƙ	ŷ
1	1	1	0	14	→	⅝	Ƙ	Ŷ	Ƙ	ŷ
1	1	1	1	15	↓	⅞	Ƙ	Ŷ	Ƙ	ŷ

Table 22 - Names of the characters of table 21

Bit comb.	Name	Bit comb.	Name
10/00	<i>(This position shall not be used)</i>	13/00	HORIZONTAL BAR
10/01	<i>(This position shall not be used)</i>	13/01	LATIN CAPITAL LETTER ENG (Lappish)
10/02	LATIN CAPITAL LETTER A WITH MACRON	13/02	LATIN CAPITAL LETTER O WITH MACRON
10/03	LATIN CAPITAL LETTER C WITH CIRCUMFLEX	13/03	LATIN CAPITAL LIGATURE OE
10/04	LATIN CAPITAL LETTER C WITH DOT ABOVE	13/04	LATIN CAPITAL LETTER R WITH CEDILLA
10/05	<i>(This position shall not be used)</i>	13/05	LATIN CAPITAL LETTER S WITH CIRCUMFLEX
10/06	LATIN CAPITAL LETTER E WITH DOT ABOVE	13/06	LATIN CAPITAL LETTER T WITH STROKE
10/07	LATIN CAPITAL LETTER E WITH MACRON	13/07	LATIN CAPITAL LETTER THORN (Icelandic)
10/08	LATIN CAPITAL LETTER G WITH CIRCUMFLEX	13/08	LATIN CAPITAL LETTER U WITH TILDE
10/09	LEFT SINGLE QUOTATION MARK	13/09	LATIN CAPITAL LETTER U WITH BREVE
10/10	LEFT DOUBLE QUOTATION MARK	13/10	LATIN CAPITAL LETTER U WITH MACRON
10/11	TRADE MARK SIGN	13/11	LATIN CAPITAL LETTER U WITH OGONEK
10/12	LEFTWARDS ARROW	13/12	LATIN CAPITAL LETTER W WITH CIRCUMFLEX
10/13	UPWARDS ARROW	13/13	LATIN CAPITAL LETTER Y WITH ACUTE
10/14	RIGHTWARDS ARROW	13/14	LATIN CAPITAL LETTER Y WITH CIRCUMFLEX
10/15	DOWNWARDS ARROW	13/15	LATIN CAPITAL LETTER Y WITH DIAERESIS
11/00	<i>(This position shall not be used)</i>	14/00	OHM SIGN
11/01	<i>(This position shall not be used)</i>	14/01	LATIN SMALL LETTER G WITH BREVE
11/02	LATIN SMALL LETTER A WITH MACRON	14/02	LATIN SMALL LETTER G WITH DOT ABOVE
11/03	LATIN SMALL LETTER C WITH CIRCUMFLEX	14/03	LATIN SMALL LETTER G WITH CEDILLA
11/04	LATIN SMALL LETTER C WITH DOT ABOVE	14/04	LATIN SMALL LETTER H WITH CIRCUMFLEX
11/05	LATIN SMALL LETTER ETH (Icelandic)	14/05	LATIN SMALL LETTER H WITH STROKE
11/06	LATIN SMALL LETTER E WITH DOT ABOVE	14/06	LATIN SMALL LETTER I WITH TILDE
11/07	LATIN SMALL LETTER E WITH MACRON	14/07	LATIN SMALL LETTER DOTLESS I
11/08	LATIN SMALL LETTER G WITH CIRCUMFLEX	14/08	LATIN SMALL LETTER I WITH MACRON
11/09	RIGHT SINGLE QUOTATION MARK	14/09	LATIN SMALL LETTER I WITH OGONEK
11/10	RIGHT DOUBLE QUOTATION MARK	14/10	LATIN SMALL LIGATURE IJ
11/11	MUSIC NOTE	14/11	LATIN SMALL LETTER J WITH CIRCUMFLEX
11/12	VULGAR FRACTION ONE EIGHTH	14/12	LATIN SMALL LETTER K WITH CEDILLA
11/13	VULGAR FRACTION THREE EIGHTHS	14/13	LATIN SMALL LETTER L WITH CEDILLA
11/14	VULGAR FRACTION FIVE EIGHTHS	14/14	LATIN SMALL LETTER L WITH MIDDLE DOT
11/15	VULGAR FRACTION SEVEN EIGHTHS	14/15	LATIN SMALL LETTER N WITH CEDILLA
12/00	<i>(This position shall not be used)</i>	15/00	LATIN SMALL LETTER KRA (Greenlandic)
12/01	LATIN CAPITAL LETTER G WITH BREVE	15/01	LATIN SMALL LETTER ENG (Lappish)
12/02	LATIN CAPITAL LETTER G WITH DOT ABOVE	15/02	LATIN SMALL LETTER O WITH MACRON
12/03	LATIN CAPITAL LETTER G WITH CEDILLA	15/03	LATIN SMALL LIGATURE OE
12/04	LATIN CAPITAL LETTER H WITH CIRCUMFLEX	15/04	LATIN SMALL LETTER R WITH CEDILLA
12/05	LATIN CAPITAL LETTER H WITH STROKE	15/05	LATIN SMALL LETTER S WITH CIRCUMFLEX
12/06	LATIN CAPITAL LETTER I WITH TILDE	15/06	LATIN SMALL LETTER T WITH STROKE
12/07	LATIN CAPITAL LETTER I WITH DOT ABOVE	15/07	LATIN SMALL LETTER THORN (Icelandic)
12/08	LATIN CAPITAL LETTER I WITH MACRON	15/08	LATIN SMALL LETTER U WITH TILDE
12/09	LATIN CAPITAL LETTER I WITH OGONEK	15/09	LATIN SMALL LETTER U WITH BREVE
12/10	LATIN CAPITAL LIGATURE IJ	15/10	LATIN SMALL LETTER U WITH MACRON
12/11	LATIN CAPITAL LETTER J WITH CIRCUMFLEX	15/11	LATIN SMALL LETTER U WITH OGONEK
12/12	LATIN CAPITAL LETTER K WITH CEDILLA	15/12	LATIN SMALL LETTER W WITH CIRCUMFLEX
12/13	LATIN CAPITAL LETTER L WITH CEDILLA	15/13	LATIN SMALL LETTER Y WITH ACUTE
12/14	LATIN CAPITAL LETTER L WITH MIDDLE DOT	15/14	LATIN SMALL LETTER Y WITH CIRCUMFLEX
12/15	LATIN CAPITAL LETTER N WITH CEDILLA	15/15	LATIN SMALL LETTER N PRECEDED BY APOSTROPHE

Name : BASIC BOX DRAWING SET
 Registration : No. 155
 Escape sequences : G1 : ESC 02/13 05/01
 : G2 : ESC 02/14 05/01
 : G3 : ESC 02/15 05/01
 Number of characters : 29
 Field of Utilisation
 Construction of tables and boxes.

Table 23 - Basic Box Drawing Set

b.	1	1	1	1	1	1
b.	0	0	1	1	1	1
b.	1	1	0	0	1	1
b.	0	1	0	1	0	1
	10	11	12	13	14	15
b. b. b. b.	00	01	02	03	04	05
0 0 0 0	00	01	02	03	04	05
0 0 0 1	01	02	03	04	05	06
0 0 1 0	02	03	04	05	06	07
0 0 1 1	03	04	05	06	07	08
0 1 0 0	04	05	06	07	08	09
0 1 0 1	05	06	07	08	09	10
0 1 1 0	06	07	08	09	10	11
0 1 1 1	07	08	09	10	11	12
1 0 0 0	08	09	10	11	12	13
1 0 0 1	09	10	11	12	13	14
1 0 1 0	10	11	12	13	14	15
1 0 1 1	11	12	13	14	15	
1 1 0 0	12	13	14	15		
1 1 0 1	13	14	15			
1 1 1 0	14	15				
1 1 1 1	15					

Table 24 - Names of the characters of table 23

Bit comb.	Name	Bit comb.	Name
10/00	<i>(This position shall not be used)</i>	13/00	BOX DRAWING LIGHT VERTICAL
10/01	<i>(This position shall not be used)</i>	13/01	BOX DRAWING LIGHT HORIZONTAL
10/02	<i>(This position shall not be used)</i>	13/02	BOX DRAWING LIGHT DOWN AND RIGHT
10/03	<i>(This position shall not be used)</i>	13/03	BOX DRAWING LIGHT DOWN AND LEFT
10/04	<i>(This position shall not be used)</i>	13/04	BOX DRAWING LIGHT UP AND RIGHT
10/05	<i>(This position shall not be used)</i>	13/05	BOX DRAWING LIGHT UP AND LEFT
10/06	<i>(This position shall not be used)</i>	13/06	BOX DRAWING LIGHT VERTICAL AND RIGHT
10/07	<i>(This position shall not be used)</i>	13/07	BOX DRAWING LIGHT VERTICAL AND LEFT
10/08	<i>(This position shall not be used)</i>	13/08	BOX DRAWING LIGHT HORIZONTAL AND DOWN
10/09	<i>(This position shall not be used)</i>	13/09	BOX DRAWING LIGHT HORIZONTAL AND UP
10/10	<i>(This position shall not be used)</i>	13/10	BOX DRAWING LIGHT VERTICAL AND HORIZONTAL
10/11	<i>(This position shall not be used)</i>	13/11	BOX DRAWING LIGHT SHADE (25%)
10/12	<i>(This position shall not be used)</i>	13/12	BOX DRAWING MEDIUM SHADE (50%)
10/13	<i>(This position shall not be used)</i>	13/13	BOX DRAWING DARK SHADE (75%)
10/14	<i>(This position shall not be used)</i>	13/14	<i>(This position shall not be used)</i>
10/15	<i>(This position shall not be used)</i>	13/15	<i>(This position shall not be used)</i>
11/00	<i>(This position shall not be used)</i>	14/00	<i>(This position shall not be used)</i>
11/01	<i>(This position shall not be used)</i>	14/01	<i>(This position shall not be used)</i>
11/02	<i>(This position shall not be used)</i>	14/02	<i>(This position shall not be used)</i>
11/03	<i>(This position shall not be used)</i>	14/03	<i>(This position shall not be used)</i>
11/04	<i>(This position shall not be used)</i>	14/04	<i>(This position shall not be used)</i>
11/05	<i>(This position shall not be used)</i>	14/05	<i>(This position shall not be used)</i>
11/06	<i>(This position shall not be used)</i>	14/06	<i>(This position shall not be used)</i>
11/07	<i>(This position shall not be used)</i>	14/07	<i>(This position shall not be used)</i>
11/08	<i>(This position shall not be used)</i>	14/08	<i>(This position shall not be used)</i>
11/09	<i>(This position shall not be used)</i>	14/09	<i>(This position shall not be used)</i>
11/10	<i>(This position shall not be used)</i>	14/10	<i>(This position shall not be used)</i>
11/11	<i>(This position shall not be used)</i>	14/11	<i>(This position shall not be used)</i>
11/12	<i>(This position shall not be used)</i>	14/12	<i>(This position shall not be used)</i>
11/13	<i>(This position shall not be used)</i>	14/13	<i>(This position shall not be used)</i>
11/14	<i>(This position shall not be used)</i>	14/14	<i>(This position shall not be used)</i>
11/15	<i>(This position shall not be used)</i>	14/15	<i>(This position shall not be used)</i>
12/00	BOX DRAWING HEAVY VERTICAL	15/00	<i>(This position shall not be used)</i>
12/01	BOX DRAWING HEAVY HORIZONTAL	15/01	<i>(This position shall not be used)</i>
12/02	BOX DRAWING HEAVY DOWN AND RIGHT	15/02	<i>(This position shall not be used)</i>
12/03	BOX DRAWING HEAVY DOWN AND LEFT	15/03	<i>(This position shall not be used)</i>
12/04	BOX DRAWING HEAVY UP AND RIGHT	15/04	<i>(This position shall not be used)</i>
12/05	BOX DRAWING HEAVY UP AND LEFT	15/05	<i>(This position shall not be used)</i>
12/06	BOX DRAWING HEAVY VERTICAL AND RIGHT	15/06	<i>(This position shall not be used)</i>
12/07	BOX DRAWING HEAVY VERTICAL AND LEFT	15/07	<i>(This position shall not be used)</i>
12/08	BOX DRAWING HEAVY HORIZONTAL AND DOWN	15/08	<i>(This position shall not be used)</i>
12/09	BOX DRAWING HEAVY HORIZONTAL AND UP	15/09	<i>(This position shall not be used)</i>
12/10	BOX DRAWING HEAVY VERTICAL AND HORIZONTAL	15/10	<i>(This position shall not be used)</i>
12/11	BOX DRAWING SOLID UPPER HALF BLOCK	15/11	<i>(This position shall not be used)</i>
12/12	BOX DRAWING SOLID LOWER HALF BLOCK	15/12	<i>(This position shall not be used)</i>
12/13	BOX DRAWING SOLID FULL BLOCK	15/13	<i>(This position shall not be used)</i>
12/14	BOX DRAWING SOLID SMALL SQUARE	15/14	<i>(This position shall not be used)</i>
12/15	<i>(This position shall not be used)</i>	15/15	<i>(This position shall not be used)</i>

Annex A

(normative)

Specification and use of the Supplementary Set of ISO/IEC 6937

A.1 General

Name : SUPPLEMENTARY SET OF ISO/IEC 6937

Registration : No. 156

Escape sequences : G1 : ESC 02/13 05/02
: G2 : ESC 02/14 05/02
: G3 : ESC 02/15 05/02

Number of characters : 87

Field of Utilisation

Afrikaans	Frisian	Portuguese
Albanian	Galician	Rhaeto-Romance
Basque	German	Romanian
Breton	Greenlandic	Scots Gaelic
Catalan	Hungarian	Serbocroatian
Czech	Icelandic	Slovak
Danish	Irish	Slovene
Dutch	Italian	Sorbian
English	Lappish	Spanish
Esperanto	Latvian	Swedish
Estonian	Lithuanian	Turkish
Faroese	Maltese	Welsh
Finnish	Norwegian	
French	Polish	

A.2 Specification of the Supplementary Set

The code table and the list of characters of the Supplementary Set of ISO/IEC 6937 are reproduced here for convenience. Their use is specified in ISO/IEC 6937.

A.3 Repertoire

ISO/IEC 6937 specifies a general repertoire of 333 graphic characters which is specified in that International Standard and not repeated here.

In this International Standard, only the repertoire associated with the Supplementary Set of ISO/IEC 6937 is defined because it differs from the Supplementary Set itself.

This repertoire shall comprise all those characters of the general repertoire of ISO 6937 the coded representation of which is

- a) either a single bit combination from the Supplementary Set, except from column 12,
- b) or a pair of bit combinations of which the first is taken from column 12 of the Supplementary Set and the second is taken from the Basic G0 Set or is that of SPACE.

For details, see the corresponding tables in ISO/IEC 6937.

Thus, the characters of column 12 are not individually part of the repertoire.

In annex C this repertoire is indicated as follows:

- by an asterisk for the characters according to a);
- by a triangle for characters according to b).

A.4 Restriction to the use of this Supplementary Set

A version of ISO/IEC 4873 that includes the Supplementary Set of ISO/IEC 6937 shall not include any of the Latin Alphabet Supplementary Sets specified in this International Standard.

A.5 Unique coding of characters

In a version of ISO/IEC 4873 that includes the Supplementary Set of ISO/IEC 6937 the requirements of ISO/IEC 4873 regarding the unique coding of characters are extended as follows.

If the same character has been allocated to more than one of the sets G0 to G3, either within the set itself, or within the character repertoire associated with that set, then that character shall be represented by the coded representation taken from the lowest numbered set (in the sequence G0, G1, G2, G3), in which the character has been allocated.

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Table A.1 - Supplementary Set of ISO/IEC 6937

b.				1	1	1	1	1	1	
b.	1	0	0	1	1	1	1	1	1	
b.	1	1	0	0	1	0	1	1	1	
b.	0	1	0	1	0	1	0	1	1	
b.				10	11	12	13	14	15	
b.	b.	b.	b.	00	NBSP	°	☒	—	Ω	κ
0	0	0	1	01	ı	±	`	¹	Æ	æ
0	0	1	0	02	¢	²	'	®	Ð	đ
0	0	1	1	03	£	³	^	©	ä	ö
0	1	0	0	04	☒	x	~	™	Η	ħ
0	1	0	1	05	¥	μ	—	♪	☒	ı
0	1	1	0	06	☒	¶	˘	¬	ı	ıj
0	1	1	1	07	§	•	•	ı	Ł	ł
1	0	0	0	08	¤	÷	•	☒	Ł	ł
1	0	0	1	09	•	•	☒	☒	Ø	ø
1	0	1	0	10	•	•	•	☒	Œ	œ
1	0	1	1	11	<<	>>	˘	☒	◊	β
1	1	0	0	12	←	¼	☒	⅛	Þ	þ
1	1	0	1	13	↑	½	″	⅜	ƒ	£
1	1	1	0	14	→	¾	˘	⅝	ŋ	ŋ
1	1	1	1	15	↓	¿	˘	⅞	'n	SHY

Table A.2 - Names of the characters of table A.1

Bit comb.	Name	Bit comb.	Name
10/00	NO-BREAK SPACE	13/00	HORIZONTAL BAR
10/01	INVERTED EXCLAMATION MARK	13/01	SUPERSCRIP ONE
10/02	CENT SIGN	13/02	REGISTERED SIGN
10/03	POUND SIGN	13/03	COPYRIGHT SIGN
10/04	<i>(This position shall not be used)</i>	13/04	TRADE MARK SIGN
10/05	YEN SIGN	13/05	MUSIC NOTE
10/06	<i>(This position shall not be used)</i>	13/06	NOT SIGN
10/07	SECTION SIGN	13/07	BROKEN BAR
10/08	CURRENCY SIGN	13/08	<i>(This position shall not be used)</i>
10/09	LEFT SINGLE QUOTATION MARK	13/09	<i>(This position shall not be used)</i>
10/10	LEFT DOUBLE QUOTATION MARK	13/10	<i>(This position shall not be used)</i>
10/11	LEFT-POINTING DOUBLE ANGLE QUOTATION MARK	13/11	<i>(This position shall not be used)</i>
10/12	LEFTWARDS ARROW	13/12	VULGAR FRACTION ONE EIGHTH
10/13	UPWARDS ARROW	13/13	VULGAR FRACTION THREE EIGHTHS
10/14	RIGHTWARDS ARROW	13/14	VULGAR FRACTION FIVE EIGHTHS
10/15	DOWNWARDS ARROW	13/15	VULGAR FRACTION SEVEN EIGHTHS
11/00	DEGREE SIGN	14/00	OHM SIGN
11/01	PLUS-MINUS SIGN	14/01	LATIN CAPITAL LIGATURE AE
11/02	SUPERSCRIP TWO	14/02	LATIN CAPITAL LETTER D WITH STROKE
11/03	SUPERSCRIP THREE	14/03	FEMININE ORDINAL INDICATOR
11/04	MULTIPLICATION SIGN	14/04	LATIN CAPITAL LETTER H WITH STROKE
11/05	MICRO SIGN	14/05	<i>(This position shall not be used)</i>
11/06	PILCROW SIGN	14/06	LATIN CAPITAL LIGATURE IJ
11/07	MIDDLE DOT	14/07	LATIN CAPITAL LETTER L WITH MIDDLE DOT
11/08	DIVISION SIGN	14/08	LATIN CAPITAL LETTER L WITH STROKE
11/09	RIGHT SINGLE QUOTATION MARK	14/09	LATIN CAPITAL LETTER O WITH STROKE
11/10	RIGHT DOUBLE QUOTATION MARK	14/10	LATIN CAPITAL LIGATURE OE
11/11	RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK	14/11	MASCULINE ORDINAL INDICATOR
11/12	VULGAR FRACTION ONE QUARTER	14/12	LATIN CAPITAL LETTER THORN (Icelandic)
11/13	VULGAR FRACTION ONE HALF	14/13	LATIN CAPITAL LETTER T WITH STROKE
11/14	VULGAR FRACTION THREE QUARTERS	14/14	LATIN CAPITAL LETTER ENG (Lappish)
11/15	INVERTED QUESTION MARK	14/15	LATIN SMALL LETTER N PRECEDED BY APOSTROPHE
12/00	<i>(This position shall not be used)</i>	15/00	LATIN SMALL LETTER KRA (Greenlandic)
12/01	NON-SPACING GRAVE ACCENT	15/01	LATIN SMALL LIGATURE AE
12/02	NON-SPACING ACUTE ACCENT	15/02	LATIN SMALL LETTER D WITH STROKE
12/03	NON-SPACING CIRCUMFLEX ACCENT	15/03	LATIN SMALL LETTER ETH (Icelandic)
12/04	NON-SPACING TILDE	15/04	LATIN SMALL LETTER H WITH STROKE
12/05	NON-SPACING MACRON	15/05	LATIN SMALL LETTER DOTLESS I
12/06	NON-SPACING BREVE	15/06	LATIN SMALL LIGATURE IJ
12/07	NON-SPACING DOT ABOVE	15/07	LATIN SMALL LETTER L WITH MIDDLE DOT
12/08	NON-SPACING DIAERESIS	15/08	LATIN SMALL LETTER L WITH STROKE
12/09	<i>(This position shall not be used)</i>	15/09	LATIN SMALL LETTER O WITH STROKE
12/10	NON-SPACING RING ABOVE	15/10	LATIN SMALL LIGATURE OE
12/11	NON-SPACING CEDILLA	15/11	LATIN SMALL LETTER SHARP S (German)
12/12	<i>(This position shall not be used)</i>	15/12	LATIN SMALL LETTER THORN (Icelandic)
12/13	NON-SPACING DOUBLE ACUTE ACCENT	15/13	LATIN SMALL LETTER T WITH STROKE
12/14	NON-SPACING OGONEK	15/14	LATIN SMALL LETTER ENG (Lappish)
12/15	NON-SPACING CARON	15/15	SOFT HYPHEN

Annex B

(informative)

Font design

B.1 General

As specified in clause 5.3, this International Standard, like all other International Standards on codes, does not specify a particular style or font for imaging graphic characters. In the tables of this International Standard the graphic symbols representing the characters of the different sets are shown wherever possible in the same style. This shall not be interpreted as a limitation or a specification.

B.2 Examples

B.2.1 Single quotation marks

The character LEFT SINGLE QUOTATION MARK is imaged in this International Standard as:

‘

this does not mean that in a given country or application it would not be imaged as:

’

B.2.2 AMPERSAND

The character AMPERSAND is imaged in this International Standard as

&

It can also be imaged as, for instance,

Ⓐ &

B.2.3 POUND SIGN

The character POUND SIGN is imaged in this International Standard as

£

It can also be imaged as, for instance,

£ £ £

Annex C
(normative)

List of the standardized character names

The following list shows in alphabetical order of the names all the graphic characters which are included in the character sets specified in this International Standard. An asterisk (*) in the appropriate column indicates that the character is allocated to a single bit combination within the set. See annex A for the characters for which a triangle (Δ) is indicated.

The columns are identified as follows:

Column No.	Registration No.	Set
0	6	Basic G0 Set
1	100	LATIN ALPHABET No. 1 SUPPLEMENTARY SET
2	101	LATIN ALPHABET No. 2 SUPPLEMENTARY SET
3	109	LATIN ALPHABET No. 3 SUPPLEMENTARY SET
4	110	LATIN ALPHABET No. 4 SUPPLEMENTARY SET
5	148	LATIN ALPHABET No. 5 SUPPLEMENTARY SET
6	144	CYRILLIC SUPPLEMENTARY SET
7	127	ARABIC SUPPLEMENTARY SET
8	126	GREEK SUPPLEMENTARY SET
9	138	HEBREW SUPPLEMENTARY SET
10	154	SUPPLEMENTARY SET FOR LATIN ALPHABETS No. 1 or No. 5, AND No. 2
11	155	BASIC BOX DRAWING SET
12	156	SUPPLEMENTARY SET OF ISO/IEC 6937

Table C.1 - Index of character names

0	1	2	3	4	5	6	7	8	9	10	11	12	Name of characters
*	*	*	*	*	*			*	*			Δ	ACUTE ACCENT
*													AMPERSAND
*													APOSTROPHE
							*						ARABIC COMMA
							*						ARABIC DAMMA
							*						ARABIC DAMMATAN
							*						ARABIC FATHA
							*						ARABIC FATHATAN
							*						ARABIC HAMZA
							*						ARABIC KASRA
							*						ARABIC KASRATAN
							*						ARABIC LETTER AIN
							*						ARABIC LETTER ALEF
							*						ARABIC LETTER ALEF MAKSURA
							*						ARABIC LETTER ALEF WITH HAMZA ABOVE
							*						ARABIC LETTER ALEF WITH HAMZA BELOW
							*						ARABIC LETTER ALEF WITH MADDA ABOVE
							*						ARABIC LETTER BEH
							*						ARABIC LETTER DAD
							*						ARABIC LETTER DAL
							*						ARABIC LETTER FEH
							*						ARABIC LETTER GHAIN
							*						ARABIC LETTER HAH
							*						ARABIC LETTER HEH
							*						ARABIC LETTER JEEM
							*						ARABIC LETTER KAF
							*						ARABIC LETTER KHAH
							*						ARABIC LETTER LAM
							*						ARABIC LETTER MEEM
							*						ARABIC LETTER NOON
							*						ARABIC LETTER QAF
							*						ARABIC LETTER RA
							*						ARABIC LETTER SAD
							*						ARABIC LETTER SEEN
							*						ARABIC LETTER SHEEN
							*						ARABIC LETTER TAH
							*						ARABIC LETTER TEH
							*						ARABIC LETTER TEH MARBUTA
							*						ARABIC LETTER THAL
							*						ARABIC LETTER THEH
							*						ARABIC LETTER WAW
							*						ARABIC LETTER WAW WITH HAMZA ABOVE
							*						ARABIC LETTER YEH
							*						ARABIC LETTER YEH WITH HAMZA ABOVE
							*						ARABIC LETTER ZAH
							*						ARABIC LETTER ZAIN

Table C.1 - Index of character names (continued)

0	1	2	3	4	5	6	7	8	9	10	11	12	Name of characters
							*						ARABIC QUESTION MARK
							*						ARABIC SEMICOLON
							*						ARABIC SHADDA
							*						ARABIC SUKUN
							*						ARABIC TATWEEL
*													ASTERISK
											*		BOX DRAWING DARK SHADE (75%)
											*		BOX DRAWING HEAVY DOWN AND LEFT
											*		BOX DRAWING HEAVY DOWN AND RIGHT
											*		BOX DRAWING HEAVY HORIZONTAL
											*		BOX DRAWING HEAVY HORIZONTAL AND DOWN
											*		BOX DRAWING HEAVY HORIZONTAL AND UP
											*		BOX DRAWING HEAVY UP AND LEFT
											*		BOX DRAWING HEAVY UP AND RIGHT
											*		BOX DRAWING HEAVY VERTICAL
											*		BOX DRAWING HEAVY VERTICAL AND HORIZONTAL
											*		BOX DRAWING HEAVY VERTICAL AND LEFT
											*		BOX DRAWING HEAVY VERTICAL AND RIGHT
											*		BOX DRAWING LIGHT DOWN AND LEFT
											*		BOX DRAWING LIGHT DOWN AND RIGHT
											*		BOX DRAWING LIGHT HORIZONTAL
											*		BOX DRAWING LIGHT HORIZONTAL AND DOWN
											*		BOX DRAWING LIGHT HORIZONTAL AND UP
											*		BOX DRAWING LIGHT SHADE (25%)
											*		BOX DRAWING LIGHT UP AND LEFT
											*		BOX DRAWING LIGHT UP AND RIGHT
											*		BOX DRAWING LIGHT VERTICAL
											*		BOX DRAWING LIGHT VERTICAL AND HORIZONTAL
											*		BOX DRAWING LIGHT VERTICAL AND LEFT
											*		BOX DRAWING LIGHT VERTICAL AND RIGHT
											*		BOX DRAWING MEDIUM SHADE (50%)
											*		BOX DRAWING SOLID FULL BLOCK
											*		BOX DRAWING SOLID LOWER HALF BLOCK
											*		BOX DRAWING SOLID SMALL SQUARE
											*		BOX DRAWING SOLID UPPER HALF BLOCK
			*	*								Δ	BREVE
	*				*			*	*		*		BROKEN BAR
		*		*							Δ		CARON
	*	*	*	*	*				*		Δ		CEDILLA
	*				*				*		*		CENT SIGN
*											Δ		CIRCUMFLEX ACCENT
*													COLON
*													COMMA
*													COMMERCIAL AT

Table C.1 - Index of character names (continued)

0	1	2	3	4	5	6	7	8	9	10	11	12	Name of characters
	*				*			*	*			*	COPYRIGHT SIGN
	*	*	*	*	*		*		*			*	CURRENCY SIGN
						*							CYRILLIC CAPITAL LETTER A
						*							CYRILLIC CAPITAL LETTER BE
						*							CYRILLIC CAPITAL LETTER BYELORUSSIAN- UKRAINIAN I
						*							CYRILLIC CAPITAL LETTER CHE
						*							CYRILLIC CAPITAL LETTER DE
						*							CYRILLIC CAPITAL LETTER DJE
						*							CYRILLIC CAPITAL LETTER DZE
						*							CYRILLIC CAPITAL LETTER DZHE
						*							CYRILLIC CAPITAL LETTER E
						*							CYRILLIC CAPITAL LETTER EF
						*							CYRILLIC CAPITAL LETTER EL
						*							CYRILLIC CAPITAL LETTER EM
						*							CYRILLIC CAPITAL LETTER EN
						*							CYRILLIC CAPITAL LETTER ER
						*							CYRILLIC CAPITAL LETTER ES
						*							CYRILLIC CAPITAL LETTER GHE
						*							CYRILLIC CAPITAL LETTER GJE
						*							CYRILLIC CAPITAL LETTER HA
						*							CYRILLIC CAPITAL LETTER HARD SIGN
						*							CYRILLIC CAPITAL LETTER I
						*							CYRILLIC CAPITAL LETTER IE
						*							CYRILLIC CAPITAL LETTER IO
						*							CYRILLIC CAPITAL LETTER JE
						*							CYRILLIC CAPITAL LETTER KA
						*							CYRILLIC CAPITAL LETTER KJE
						*							CYRILLIC CAPITAL LETTER LJE
						*							CYRILLIC CAPITAL LETTER NJE
						*							CYRILLIC CAPITAL LETTER O
						*							CYRILLIC CAPITAL LETTER PE
						*							CYRILLIC CAPITAL LETTER SHA
						*							CYRILLIC CAPITAL LETTER SHCHA
						*							CYRILLIC CAPITAL LETTER SHORT I
						*							CYRILLIC CAPITAL LETTER SHORT U
						*							CYRILLIC CAPITAL LETTER SOFT SIGN
						*							CYRILLIC CAPITAL LETTER TE
						*							CYRILLIC CAPITAL LETTER TSE
						*							CYRILLIC CAPITAL LETTER TSHE
						*							CYRILLIC CAPITAL LETTER U
						*							CYRILLIC CAPITAL LETTER UKRAINIAN IE
						*							CYRILLIC CAPITAL LETTER VE
						*							CYRILLIC CAPITAL LETTER YA
						*							CYRILLIC CAPITAL LETTER YERU
						*							CYRILLIC CAPITAL LETTER YI