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Information technology — Registration of repertoires of graphic characters from ISO/IEC 10367

*Technologies de l'information — Enregistrement des répertoires de
caractères graphiques de l'ISO/CEI 10367*



Reference number
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Contents

1	Scope	1
2	Normative references	1
3	Definition of a repertoire	1
4	Registration Authority	2
5	Sponsoring Authorities	2
6	Rules for proposals	3
7	Appeal procedures	3
Annexes		
A	Advisory Group of the Registration Authority (AG)	5
B	Forms for proposal for a graphic character repertoire	6

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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 JTC 1. 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 7350 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*.

This second edition cancels and replaces the first edition (ISO 7350 : 1984), which has been technically revised.

Annex A forms an integral part of this International Standard. Annex B is for information only.

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Information technology — Registration of repertoires of graphic characters from ISO/IEC 10367

1 Scope

This International Standard specifies the procedures to be followed in preparing, publishing, and maintaining a register of graphic character repertoires which are composed entirely of graphic characters from ISO 10367. The coded representation of the characters of such repertoires is not prescribed by the entries in the register.

The SPACE character is deemed to be available with any repertoire.

A numeric identifier shall be assigned to each registered repertoire. It is intended to be used as a parameter value of the control function IDENTIFY GRAPHIC SUBREPERTOIRE (IGS) defined in ISO 6429. The numeric identifier may also be used in communication protocols and for visual identification by human operators.

2 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 indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

- ISO 6429 : 1988, *Information processing - Control functions for 7-bit and 8-bit coded character sets.*
ISO 6937 : 1983, *Information processing - Coded character sets for text communication.*
ISO/IEC 10367 : 1991, *Information technology - Standardized coded graphic character sets for use in 8-bit codes.*

3 Definition of a repertoire

A repertoire shall consist of graphic characters from ISO/IEC 10367 as follows:

either:

- a) the characters of the G0 set, and
- b) the characters of any number of supplementary sets except that of ISO 6937;

or:

- c) the characters of the G0 set, and
- d) the characters of any number of the supplementary sets chosen from the Arabic, Cyrillic, Greek, Hebrew or Basic Box Drawings supplementary sets, and
- e) a subrepertoire of the repertoire associated with the supplementary set of ISO 6937,

NOTE - The subrepertoires of ISO 6937 already registered in accordance with the first edition of ISO 7350 are not in accordance with the above definition. They are retained for reasons of continuity.

A repertoire may, after registration, be identified by a single IGS selective parameter value.

The character SPACE is deemed to be always available with any repertoire and, therefore, is not to be specified in the tables of repertoires submitted for registration.

The numeric identifier assigned to a repertoire in accordance with this International Standard shall serve as an identification of the repertoire. Apart from such identification, registration shall not affect the status of the repertoire.

4 Registration Authority ¹⁾

4.1 The Registration Authority shall maintain a register of graphic character repertoires and of their assigned numeric identifiers. The contents of this register shall be available to ISO/IEC National Bodies and organizations having liaison status with ISO/IEC or with any of their technical committees or sub-committees.

4.2 With regard to the assignment of numeric identifiers to repertoires and of subsequent additions of repertoires to the register, the responsibilities of the Registration Authority shall be

- a) to receive from Sponsoring Authorities proposals of graphic repertoires to be assigned numeric identifiers ;
- b) to ascertain that each proposal complies with clause 3,
- c) to circulate proposals to the National Bodies of the sub-committee concerned with coding for a 3-month period for information and comments;
- d) to take into account the comments received and where possible to integrate them in the final documents;
- e) to assign the next available number to be used as a numeric identifier when the proposal complies with the rules, unless the list of characters in the repertoire is identical to an already registered repertoire in which case the existing numeric identifier shall be assigned;
- f) to promulgate to all National Bodies and liaison organizations of ISO/IEC the graphic character repertoires and the numeric identifier that has been assigned to each repertoire;
- g) to inform the appropriate Sponsoring Authority when a proposal does not comply with the rules.

A critical concept in the registration process is that the contents of an individual registration is never changed or deleted once it has been registered (except for editorial errors). This is contrasted with a standard which must be reviewed and/or revised periodically. When a standard is revised that has been used as the basis for a repertoire, the repertoire is not changed in the register. If the Sponsoring Authority desires recognition of such a revision, a new registration proposal shall be made by following the normal procedures.

4.3 If the set of characters of a proposal is identical with an already registered repertoire, the name of the applicant shall be added in the register on the cover page of the already registered repertoire.

5 Sponsoring Authorities

5.1 Proposals for registration of repertoires may be made only by the following, which for the purposes of this International Standard are Sponsoring Authorities:

- a) any ISO/IEC technical committee or sub-committee;

¹⁾ ISO and IEC Councils have designated ECMA, the European Computer Manufacturers Association, 114 Rue du Rhône, CH-1205 Geneva, Switzerland, to act as Registration Authority.

- b) any group within the ISO/IEC sub-committee concerned with coding in information processing, appointed by the sub-committee for purposes connected with text communication or the use of repertoires and their numeric identifiers;
- c) any National Body of ISO/IEC ;
- d) any international organization having liaison status with ISO/IEC or with any of their technical committees or sub-committees.

5.2 The responsibilities of the Sponsoring Authorities shall be

- a) to receive proposals concerning graphic character repertoires from within their respective countries or organizations;
- b) to make certain that proposals follow the rules for definitions outlined in clause 6;
- c) to effect such rationalization or coordination of these proposals as they may desire;
- d) to forward to the Registration Authority those proposals that have their support;
- e) to make known within their respective countries or organizations the results of the registration procedure as transmitted to them by the Registration Authority.

5.3 Proposals shall be forwarded to the Registration Authority on Form No. 1 or Form No. 2, as appropriate, see annex B.

6 Rules for proposals

6.1 Proposals shall adhere to the rules for defining repertoires contained in clause 3.

6.2 If the proposal is based on an approved standard of an ISO/IEC National Body or of an international organization, the proposal shall include the title of that standard as well as the name of the standards body that approved it and the date of its approval.

6.3 The proposal shall include an indication of the application area, typically the name of a country and/or the name of a natural language.

6.4 More than one repertoire may be registered relating to a natural language, country, or standard.

6.5 If a proposal contains graphic characters from the repertoire of the supplementary set of ISO 6937 (see 3c to 3e), it shall list these graphic characters using the names they have in the list of Form 2 (see annex B). Additional names or descriptions for a character may be included in a separate part of the registration form if they occur in the standard on which the proposal is based.

6.6 The characters pertaining to the repertoire associated with the supplementary set of ISO 6937 shall be specified in the same order as in the list of annex B, so that it is easier to determine if two repertoires are identical.

6.7 A proposal shall not specify coding or any other information not listed in these rules.

7 Appeal procedures

Appeals against decisions of the Registration Authority can be made as follows

7.1 Appeal by a Sponsoring Authority can be made if it disagrees with the Registration Authority on whether the application meets the requirements of clause 3.

7.2 If at least four National Bodies of the sub-committee concerned with coding, object to a forthcoming publication of a registration by the Registration Authority, but solely on the ground that the requirements of clause 3 are not met.

7.3 Appeals shall be filed with the Registration Authority by registered mail

- either within 30 days of reception of the refusal of the Registration Authority;
- or before the end of the circulation period.

7.4 Appeals shall be submitted by the Registration Authority within 30 days after reception in the case of 7.1 or at the end of the circulation period in the case of 7.2 to the members of the Advisory Group (see annex A). If the matter cannot be resolved by the Advisory Group, the appeal will be submitted to the P-members of the sub-committee for vote according to 3.4.2 of the Directives for the technical work of ISO/IEC Joint Technical Committee 1 (JTC 1) on Information Technology.

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Annex A

(normative)

Advisory Group of the Registration Authority (AG)

A.1 The sub-committee concerned with coding shall set up an Advisory Group of the Registration Authority of five members.

A.2 The Advisory Group shall consist of a representative of the Registration Authority and four other members elected by the P-members of the sub-committee. They shall be elected or re-elected at each plenary meeting of the sub-committee.

A.3 The task of the Advisory Group shall be as follows:

- to consider appeals received by the Registration Authority;
- to act as mediator between the Registration Authority and the appealing parties;
- if four-fifths of the members of the Advisory Group consider the appeal justified, the Registration Authority shall yield;
- when required, to edit documents to be submitted to a vote in accordance with 7.4.

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Annex B
(informative)

Forms for proposal for a graphic character repertoire

The following pages show a sample of forms to be used for the submission of a proposal for registration of a graphic character repertoire.

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FORM No. 1

Graphic character repertoire from ISO 10367

Numeric identifier :

Date of registration :

Application area :

Standards :

Name of applicant :

Checklist according to 3 a) and 3 b) of ISO/IEC 7350.

ISO-IR*

	LATIN ALPHABET No 1, SUPPLEMENTARY SET	100
	LATIN ALPHABET No 2, SUPPLEMENTARY SET	101
	LATIN ALPHABET No 3, SUPPLEMENTARY SET	109
	LATIN ALPHABET No 4, SUPPLEMENTARY SET	110
	LATIN ALPHABET No 5, SUPPLEMENTARY SET	148
	ARABIC SUPPLEMENTARY SET	127
	CYRILLIC SUPPLEMENTARY SET	144
	GREEK SUPPLEMENTARY SET	126
	HEBREW SUPPLEMENTARY SET	138
	SUPPLEMENTARY SET FOR LATIN ALPHABETS No 1 OR 5, AND 2	154
	BASIC BOX DRAWINGS SET	155

* Registration number in the International Register of Coded Character Sets to be used with Escape Sequences.

The repertoire consists of the characters of the G0 set and of those of the supplementary sets indicated in the above table.

FORM No. 2

Graphic character repertoire from ISO 10367

Numeric identifier :

Date of registration :

Application area :

Standards :

Name of applicant :

Checklist according to 3 c), 3 d) and 3 e) of ISO/IEC 7350.

ISO-IR*

	ARABIC SUPPLEMENTARY SET	127
	CYRILLIC SUPPLEMENTARY SET	144
	GREEK SUPPLEMENTARY SET	126
	HEBREW SUPPLEMENTARY SET	138
	BASIC BOX DRAWINGS SET	155

* Registration number in the International Register of Coded Character Sets to be used with Escape Sequences.

The repertoire consists of the characters of the G0 set, of those of the supplementary sets indicated in the above table and of those characters of the repertoire of the Supplementary Set of ISO 6937 marked in the enclosed list.

	ACUTE ACCENT		LATIN CAPITAL LETTER C WITH ACUTE
	BREVE		LATIN CAPITAL LETTER C WITH CARON
	BROKEN BAR		LATIN CAPITAL LETTER C WITH CEDILLA
	CARON		LATIN CAPITAL LETTER C WITH CIRCUMFLEX
	CEDILLA		LATIN CAPITAL LETTER C WITH DOT ABOVE
	CENT SIGN		LATIN CAPITAL LETTER D WITH CARON
	COPYRIGHT SIGN		LATIN CAPITAL LETTER D WITH STROKE
	CURRENCY SIGN		LATIN CAPITAL LETTER E WITH ACUTE
	DEGREE SIGN		LATIN CAPITAL LETTER E WITH CARON
	DIAERESIS		LATIN CAPITAL LETTER E WITH CIRCUMFLEX
	DIVISION SIGN		LATIN CAPITAL LETTER E WITH DIAERESIS
	DOT ABOVE		LATIN CAPITAL LETTER E WITH DOT ABOVE
	DOUBLE ACUTE ACCENT		LATIN CAPITAL LETTER E WITH GRAVE
	DOWNWARDS ARROW		LATIN CAPITAL LETTER E WITH MACRON
	FEMININE ORDINAL INDICATOR		LATIN CAPITAL LETTER E WITH OGONEK
	HORIZONTAL BAR		LATIN CAPITAL LETTER ENG
	INVERTED EXCLAMATION MARK		LATIN CAPITAL LETTER G WITH BREVE
	INVERTED QUESTION MARK		LATIN CAPITAL LETTER G WITH CEDILLA
	LATIN CAPITAL LETTER A WITH ACUTE		LATIN CAPITAL LETTER G WITH CIRCUMFLEX
	LATIN CAPITAL LETTER A WITH BREVE		LATIN CAPITAL LETTER G WITH DOT ABOVE
	LATIN CAPITAL LETTER A WITH CIRCUMFLEX		LATIN CAPITAL LETTER H WITH CIRCUMFLEX
	LATIN CAPITAL LETTER A WITH DIAERESIS		LATIN CAPITAL LETTER H WITH STROKE
	LATIN CAPITAL LETTER A WITH GRAVE		LATIN CAPITAL LETTER I WITH ACUTE
	LATIN CAPITAL LETTER A WITH MACRON		LATIN CAPITAL LETTER I WITH CIRCUMFLEX
	LATIN CAPITAL LETTER A WITH OGONEK		LATIN CAPITAL LETTER I WITH DIAERESIS
	LATIN CAPITAL LETTER A WITH RING ABOVE		LATIN CAPITAL LETTER I WITH DOT ABOVE
	LATIN CAPITAL LETTER A WITH TILDE		LATIN CAPITAL LETTER I WITH GRAVE

LATIN CAPITAL LETTER S WITH CEDILLA
LATIN CAPITAL LETTER S WITH CIRCUMFLEX
LATIN CAPITAL LETTER T WITH CARON
LATIN CAPITAL LETTER T WITH CEDILLA
LATIN CAPITAL LETTER T WITH STROKE
LATIN CAPITAL LETTER THORN
LATIN CAPITAL LETTER U WITH ACUTE
LATIN CAPITAL LETTER U WITH BREVE
LATIN CAPITAL LETTER U WITH CIRCUMFLEX
LATIN CAPITAL LETTER U WITH DIAERESIS
LATIN CAPITAL LETTER U WITH DOUBLE ACUTE
LATIN CAPITAL LETTER U WITH GRAVE
LATIN CAPITAL LETTER U WITH MACRON
LATIN CAPITAL LETTER U WITH OGONEK
LATIN CAPITAL LETTER U WITH RING ABOVE
LATIN CAPITAL LETTER U WITH TILDE
LATIN CAPITAL LETTER W WITH CIRCUMFLEX
LATIN CAPITAL LETTER Y WITH ACUTE
LATIN CAPITAL LETTER Y WITH CIRCUMFLEX
LATIN CAPITAL LETTER Y WITH DIAERESIS
LATIN CAPITAL LETTER Z WITH ACUTE
LATIN CAPITAL LETTER Z WITH CARON
LATIN CAPITAL LETTER Z WITH DOT ABOVE
LATIN CAPITAL LIGATURE A E
LATIN CAPITAL LIGATURE I J
LATIN CAPITAL LIGATURE O E
LATIN SMALL LETTER A WITH ACUTE
LATIN SMALL LETTER A WITH BREVE

LATIN CAPITAL LETTER I WITH MACRON
LATIN CAPITAL LETTER I WITH OGONEK
LATIN CAPITAL LETTER I WITH TILDE
LATIN CAPITAL LETTER J WITH CIRCUMFLEX
LATIN CAPITAL LETTER K WITH CEDILLA
LATIN CAPITAL LETTER L WITH ACUTE
LATIN CAPITAL LETTER L WITH CARON
LATIN CAPITAL LETTER L WITH CEDILLA
LATIN CAPITAL LETTER L WITH MIDDLE DOT
LATIN CAPITAL LETTER L WITH STROKE
LATIN CAPITAL LETTER N WITH ACUTE
LATIN CAPITAL LETTER N WITH CARON
LATIN CAPITAL LETTER N WITH CEDILLA
LATIN CAPITAL LETTER N WITH TILDE
LATIN CAPITAL LETTER O WITH ACUTE
LATIN CAPITAL LETTER O WITH CIRCUMFLEX
LATIN CAPITAL LETTER O WITH DIAERESIS
LATIN CAPITAL LETTER O WITH DOUBLE ACUTE
LATIN CAPITAL LETTER O WITH GRAVE
LATIN CAPITAL LETTER O WITH MACRON
LATIN CAPITAL LETTER O WITH STROKE
LATIN CAPITAL LETTER O WITH TILDE
LATIN CAPITAL LETTER R WITH ACUTE
LATIN CAPITAL LETTER R WITH CARON
LATIN CAPITAL LETTER R WITH CEDILLA
LATIN CAPITAL LETTER S WITH ACUTE
LATIN CAPITAL LETTER S WITH CARON

	LATIN SMALL LETTER H WITH CIRCUMFLEX
	LATIN SMALL LETTER H WITH STROKE
	LATIN SMALL LETTER I WITH ACUTE
	LATIN SMALL LETTER I WITH CIRCUMFLEX
	LATIN SMALL LETTER I WITH DIAERESIS
	LATIN SMALL LETTER I WITH GRAVE
	LATIN SMALL LETTER I WITH MACRON
	LATIN SMALL LETTER I WITH OGONEK
	LATIN SMALL LETTER I WITH TILDE
	LATIN SMALL LETTER J WITH NO DOT
	LATIN SMALL LETTER J WITH CIRCUMFLEX
	LATIN SMALL LETTER K WITH CEDILLA
	LATIN SMALL LETTER KRA
	LATIN SMALL LETTER L WITH ACUTE
	LATIN SMALL LETTER L WITH CARON
	LATIN SMALL LETTER L WITH CEDILLA
	LATIN SMALL LETTER L WITH MIDDLE DOT
	LATIN SMALL LETTER L WITH STROKE
	LATIN SMALL LETTER N PRECEDED BY APOSTROPHE
	LATIN SMALL LETTER N WITH ACUTE
	LATIN SMALL LETTER N WITH CARON
	LATIN SMALL LETTER N WITH CEDILLA
	LATIN SMALL LETTER N WITH TILDE
	LATIN SMALL LETTER O WITH ACUTE
	LATIN SMALL LETTER O WITH CIRCUMFLEX
	LATIN SMALL LETTER O WITH DIAERESIS
	LATIN SMALL LETTER O WITH DOUBLE ACUTE
	LATIN SMALL LETTER O WITH GRAVE

	LATIN SMALL LETTER A WITH CIRCUMFLEX
	LATIN SMALL LETTER A WITH DIAERESIS
	LATIN SMALL LETTER A WITH GRAVE
	LATIN SMALL LETTER A WITH MACRON
	LATIN SMALL LETTER A WITH OGONEK
	LATIN SMALL LETTER A WITH RING ABOVE
	LATIN SMALL LETTER A WITH TILDE
	LATIN SMALL LETTER C WITH ACUTE
	LATIN SMALL LETTER C WITH CARON
	LATIN SMALL LETTER C WITH CEDILLA
	LATIN SMALL LETTER C WITH CIRCUMFLEX
	LATIN SMALL LETTER C WITH DOT ABOVE
	LATIN SMALL LETTER D WITH CARON
	LATIN SMALL LETTER D WITH STROKE
	LATIN SMALL LETTER E WITH ACUTE
	LATIN SMALL LETTER E WITH CARON
	LATIN SMALL LETTER E WITH CIRCUMFLEX
	LATIN SMALL LETTER E WITH DIAERESIS
	LATIN SMALL LETTER E WITH DOT ABOVE
	LATIN SMALL LETTER E WITH GRAVE
	LATIN SMALL LETTER E WITH MACRON
	LATIN SMALL LETTER E WITH OGONEK
	LATIN SMALL LETTER ENG
	LATIN SMALL LETTER ETH
	LATIN SMALL LETTER G WITH BREVE
	LATIN SMALL LETTER G WITH CEDILLA
	LATIN SMALL LETTER G WITH CIRCUMFLEX
	LATIN SMALL LETTER G WITH DOT ABOVE

	LATIN SMALL LETTER Y WITH DIAERESIS
	LATIN SMALL LETTER Z WITH ACUTE
	LATIN SMALL LETTER Z WITH CARON
	LATIN SMALL LETTER Z WITH DOT ABOVE
	LATIN SMALL LIGATURE A E
	LATIN SMALL LIGATURE I J
	LATIN SMALL LIGATURE O E
	LEFT DOUBLE QUOTATION MARK
	LEFT-POINTING DOUBLE ANGLE QUOTATION MARK
	LEFT SINGLE QUOTATION MARK
	LEFTWARDS ARROW
	MACRON
	MASCULINE ORDINAL INDICATOR
	MICRO SIGN
	MIDDLE DOT
	MULTIPLICATION SIGN
	MUSIC NOTE
	NO-BREAK SPACE
	NOT SIGN
	OGONEK
	OHM SIGN
	PILCROW SIGN
	PLUS-MINUS SIGN
	POUND SIGN
	REGISTERED SIGN
	RIGHT DOUBLE QUOTATION MARK
	RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK
	RIGHT SINGLE QUOTATION MARK

	LATIN SMALL LETTER O WITH MACRON
	LATIN SMALL LETTER O WITH STROKE
	LATIN SMALL LETTER O WITH TILDE
	LATIN SMALL LETTER R WITH ACUTE
	LATIN SMALL LETTER R WITH CARON
	LATIN SMALL LETTER R WITH CEDILLA
	LATIN SMALL LETTER S WITH ACUTE
	LATIN SMALL LETTER S WITH CARON
	LATIN SMALL LETTER S WITH CEDILLA
	LATIN SMALL LETTER S WITH CIRCUMFLEX
	LATIN SMALL LETTER SHARP S
	LATIN SMALL LETTER T WITH CARON
	LATIN SMALL LETTER T WITH CEDILLA
	LATIN SMALL LETTER T WITH STROKE
	LATIN SMALL LETTER THORN
	LATIN SMALL LETTER U WITH ACUTE
	LATIN SMALL LETTER U WITH BREVE
	LATIN SMALL LETTER U WITH CIRCUMFLEX
	LATIN SMALL LETTER U WITH DIAERESIS
	LATIN SMALL LETTER U WITH DOUBLE ACUTE
	LATIN SMALL LETTER U WITH GRAVE
	LATIN SMALL LETTER U WITH MACRON
	LATIN SMALL LETTER U WITH OGONEK
	LATIN SMALL LETTER U WITH RING ABOVE
	LATIN SMALL LETTER U WITH TILDE
	LATIN SMALL LETTER W WITH CIRCUMFLEX
	LATIN SMALL LETTER Y WITH ACUTE
	LATIN SMALL LETTER Y WITH CIRCUMFLEX