

American National Standard

for information technology –

ISO registration

according to ISO 2375 –

ANSI sponsorship procedures

Secretariat: Information Technology Industry Council

0. Introduction

An internationally agreed upon code for interchange of information among data processing systems and within message transmission systems is the 7-bit coded character set of ISO/IEC 646: 1991. ANSI X3.4-1986 is a national version in accordance with the provisions specified in ISO/IEC 646: 1991.

Provision for additional characters is made by code extension techniques in which additional characters or character sets are identified by escape sequences. The procedures for code extension and the structure and use of escape sequences are documented in ISO 2022: 1994. Specific meanings are not assigned to individual

escape sequences by ISO 2022: 1994.

The purpose of international registration of these additional characters and character sets is to inform all those concerned of the character sets already developed and of the specific escape sequences used to identify them. Although international registration provides identification for a character set, it should not be regarded as a standardization procedure.

ISO 2375: 1985 specifies the procedures to be followed in preparing, maintaining, and publishing a register of meanings which are assigned to escape sequences.

As specified in ISO 2375: 1985, any member body of ISO can act as the sponsor of proposals for character sets for international registration. ANSI

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will therefore act as sponsor of U.S. proposals, and this document specifies the procedures to be followed in submitting proposals for ANSI sponsorship.

Since only registration (not standardization) is included in this procedure, no technical criteria will be applied to the sponsored set. However, assistance will be given in preparing the set in the format of the ISO Registration Authority.

1. Scope

This standard specifies the procedures to be followed in submitting proposals for coded character sets for ANSI sponsorship for submission to the ISO Registration Authority for processing in accordance with the ISO procedure for registration.

2. Normative References

The following standard contains provisions that, through reference in this text, constitute provisions of this American National Standard. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this American National Standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below.

ISO 2375: 1985, *Data processing – Procedure for registration of escape sequences.*¹⁾

Practices of the Registration Authority for ISO 2375. ECMA, Geneva, 1985.²⁾

3. Contributors

3.1 Proposals for character set for ANSI sponsorship for ISO registration may be made by the following, which are contributors for the purpose of this standard:

- any Accredited Standards Committee of the American National Standards Institute;

¹⁾ Available from the American National Standards Institute, 11 West 42nd Street, New York, NY 10036.

²⁾ Available from ECMA, 114 Rue du Rhône, CH-1204 Geneva, Switzerland.

- any U.S. national trade or industry association, or any U.S. government cabinet level agency, having an established standardization process for development of its official standards.

3.2 Proposals for character set may not be made by companies or individuals.

4. Procedures (See figure 1)

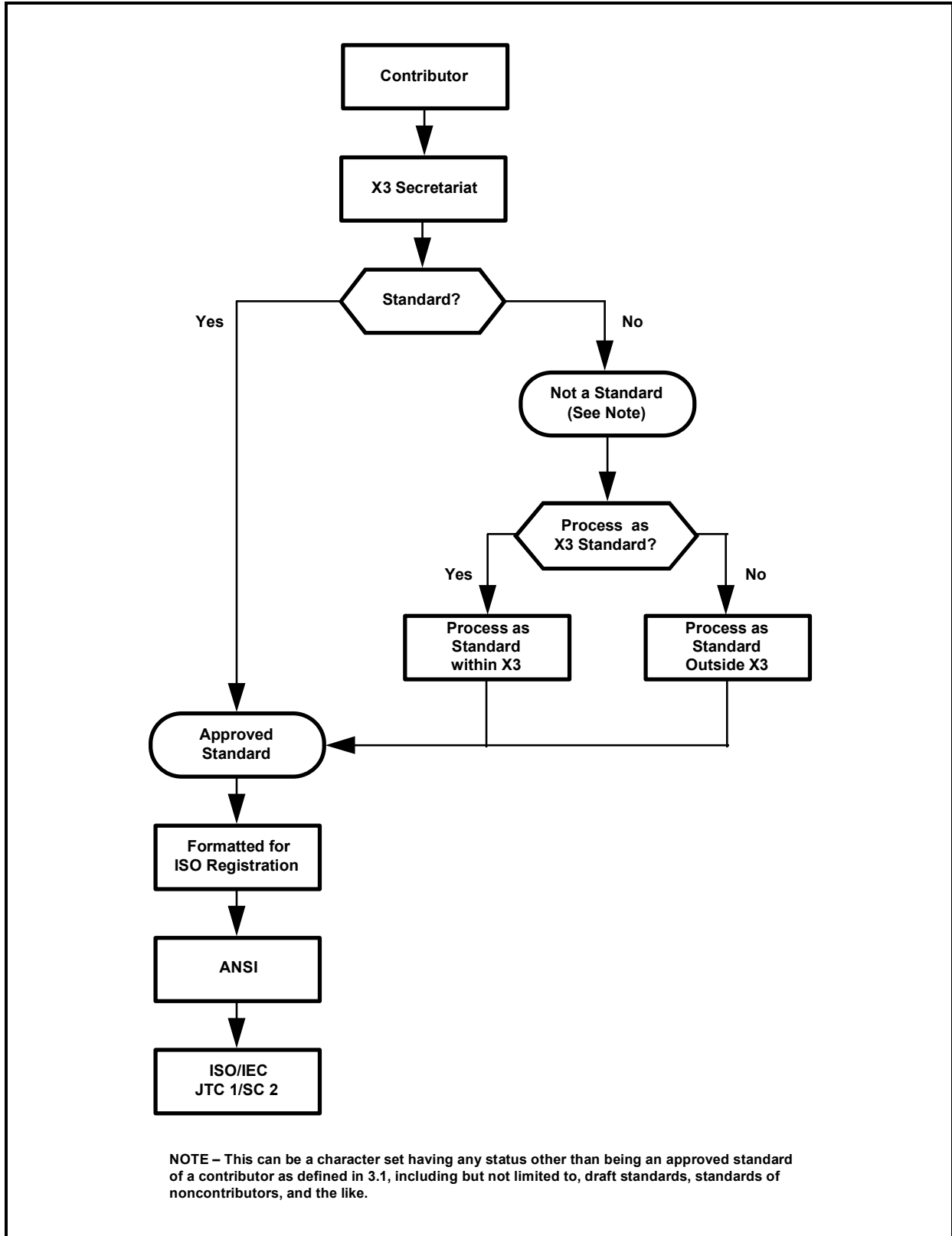
4.1 A contributor shall send its character set proposal to the X3 Secretariat stating whether or not the proposed set is an approved standard of the contributor. Standard forms are available for this purpose from the X3 Secretariat.³⁾

4.2 If the proposed set is not an approved standard,⁴⁾ the Secretariat shall request the contributor to (a) complete a Project Proposal (SD-3) and submit the proposal to X3 for processing as an American National Standard; or (b) submit the proposal to the contributor's organization for processing as a standard.

4.3 The X3 Secretariat shall be responsible for making known to the contributor the decision taken relative to its proposal as it proceeds through this procedure for sponsorship and the ISO procedure for registration.

³⁾ The X3 Secretariat is the Information Technology Industry Council, 1250 Eye Street, NW, Suite 200, Washington, DC 20005.

⁴⁾ This can be a character set having any status other than being an approved standard of a contributor as defined in 3.1, including, but not limited to, draft standards, standards of noncontributors, and the like.



[MC1]Figure 1 – Flow of procedure for ISO registration

Annex A (Informative)

Bibliography

ANSI X3.4-1986, *Information systems – Coded character sets – 7-bit American National Standard Code for Information Interchange (7-bit ASCII)*.

ISO/IEC 646: 1991, *Information processing – ISO 7-bit coded character set for information interchange*.⁵⁾

ISO/IEC 2022: 1994, *Information processing – ISO 7-bit and 8-bit coded character sets – Code extension techniques*.⁵⁾

Annex B (Informative)

The 1995 Revision

The essence of ANSI X3.83-1989 remains unchanged in this edition.

The 1995 edition has changes to reflect:

- the reorganization of ISO/TC 97/SC 2 to ISO/IEC JTC 1/SC 2;
- the new name and current address of the X3 Secretariat;
- valid versions of American National Standards and International (ISO) Standards at the time of publication;
- updated figure 1;
- changes to the format and layout in accordance with the current ANSI style.

⁵⁾ Available from the American National Standards Institute, 11 West 42nd Street, New York, NY 10036.