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ISO/IEC JTC 1/SC 2/WG 3
7-bit and 8-bit codes and their extension
SECRETARIAT : ELOT

TITLE :	Submission of Information for Collection Identifier in ISO/IEC 10646
SOURCE :	Expert Contribution – V.S. Umamaheswaran, Mike Ksar
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The attached contribution is a supplement to document N 435 on the subject of 'Use of Collection Identifiers for identifying sub-repertoires of ISO/IEC 10646'.

The Netherlands and the UK representatives to WG 3 meeting 13, had requested the US and Canadian national bodies to submit a contribution to expand on how the Collection Identifiers in ISO/IEC 10646 can satisfy the requirement for identification of sub-repertoires of ISO/IEC 10646.

Attached is a proposal for submission of information that a requester for a collection can use, along with an example of a collection proposal for submission to SC 2/WG 2. The example is based on the input from the Netherlands to the authors of this document.

With this document and the associated document N 435, the authors propose that WG3 should resolve to recommend to SC 2 to change the status for the project proposal on Revision of ISO/IEC 7350, from the current status of SUSPEND to 'DISCONTINUE' because we believe that 7350 is unnecessary for defining the sub repertoires of ISO/IEC 10646. Furthermore, WG 3 should recommend to SC 2 that the attached information (refined as needed) be the format to use by all submitters of Collections to be identified by Collection Identifiers in ISO/IEC 10646.

**REQUEST FOR COLLECTION IDENTIFIER
FOR A SUB-REPERTOIRE OF ISO/IEC 10646**

DATE: _____

SOURCE: _____

Email address of source: _____

Phone number of source: _____

Fax number of source: _____

Address of Source: _____

WG 2 SPONSOR: _____

(Preferably a member body or liaison organization of ISO/IEC JTC 1 or its subcommittees and working groups)

SUBMITTER'S REFERENCE: _____

SUBMITTER AND THE SPONSOR SHOULD DO THE FOLLOWING:

- Ensure that no existing collection identified with a COLLECTION IDENTIFIER in ISO/IEC 10646-1 satisfies their needs.
- Ensure that the proposed collection of characters is a true subset of the repertoire of characters of ISO/IEC 10646 (including all its amendments and corrigenda). The list of character names in Annex E of ISO/IEC 10646-1 can be used as an aid. If any character is NOT currently encoded in the standard, that character should be submitted for inclusion in the standard, following the ISO/IEC JTC 1/SC 2/WG 2 standing document 'PROCEDURES and GUIDELINES for Submission of Additional Characters to ISO/IEC 10646'.
- Prepare a list of ranges or individual code positions from ISO/IEC 10646 (including all its amendments and corrigenda) in each plane, and in each row.
(Note: Only Group 00, Plane 00 are defined to date. Planes 1, 2 and 14 are being defined as part of ISO/IEC 10646-2 by ISO/IEC JTC 1/SC 2/WG 2).
- Decide if the collection is to be defined as a Fixed or open collection (see post-WG2 M34 version of TCOR.2 to ISO/IEC 10646:1-1993 for the definitions, document WG 2/N1692R).
- Prepare a background document, including the rationale and intended use of the collection and forward it to the Convener of ISO/IEC JTC 1/SC 2/WG 2 for consideration, acceptance and assignment of a Collection Identifier.

An example format of the proposal for collection definition (following the specification for 301 BMP-AMD.7 collection in TCOR.2 to ISO/IEC 10646 - see WG 2/ N 1664) is given below:

Collection Name: *EXAMPLE COLLECTION*

(Note: The example is based on an input document on Latin Characters from ISO/IEC 6937:1994, from Mr. Johan van Wingen, Netherlands)

Type of Collection (Fixed or open): *FIXED*

(see post WG 2 M34 version of TCOR.2 of ISO/IEC 10646-1: 1993, document N1692R, for the definition of COLLECTIONS and FIXED COLLECTIONS)

Plane *00*

<u>Rows</u>	<u>Positions (Cells)</u>
<i>00</i>	<i>20-7E, A0-FF</i>
<i>01</i>	<i>00-13 16-2B 2E-4D 50-7E</i>
<i>02</i>	<i>C, D8-DB DD</i>
<i>1E</i>	<i>80-85 F2 F3</i>
<i>20</i>	<i>15 18 19 1C 1D</i>
<i>21</i>	<i>22 26 5B-5E 90-93</i>
<i>26</i>	<i>6A</i>

WG 2 ADMINISTRATIVE:

ACCEPTED:

Reference
 Amendment number: or edition: _____;
 Resolution number: _____

REJECTED:

Reference:
 Document containing response to submitter:
 WG 2 document no.: _____;
 WG 2 Resolution number: _____
