

ISO/IEC JTC 1/SC 2/WG 2 N _____

ISO/IEC JTC 1/SC 2/WG 2/IRG N 1053

**ISO/IEC JTC1/SC2/WG2/IRG
Ideographic Rapporteur Group
(IRG)**

TITLE:	Request for Collection Identifier for International Ideograph Core Subset in ISO/IEC 10646
SOURCE:	IRG Rapporteur
STATUS:	Submission from the IRG to WG2
DISTRIBUTION:	Members of ISO/IEC JTC1/SC2/WG2
DATE:	2004-5-27
REFERENCE:	WG2 N2539 (IRG N947), IRG N1018

**Request For Collection Identifier
For a Sub-Repertoire Of ISO/IEC 10646**

Date:	2004.05.27
SOURCE:	Ideographic Rapporteur Group
Email address of source:	joe.zhang@unihan.com.cn
Phone number of source:	_(86) 10 6484 9484Ext. 208 _____
Fax number of source:	_(86) 10 6484 9487 _____
Address of source:	_F06-29C, Forum, Datun, Chao Yang District, Beijing, China, zip 100101
WG 2 SPONSOR	Ideographic Rapporteur Group
SUBMITTER'S REFERENCE:	WG2 N2539 (IRG N947), IICore2.1.txt(IRG N1052)

The IRG had the 22nd meeting in Chengdu, Sichuan, China, and succeeded in defining a stable International CJK basic subset in ISO/IEC 10646. WG2 N2539 (IRG N947) should address background information in detail on why the IRG has been engaging in the development of the sub-repertoire from CJK Unified Ideographs and its extensions in ISO/IEC 10646 to be identified

according to Annex A. The list of code positions for this collection is attached in the file IICORE2.1.txt(IRG N1052).

Specification of the proposed collection

Proposed Collection Name:	<u>IICORE</u>
Number of characters:	<u>9,811</u>
Collection to be marked as Fixed (Yes / No):	<u>YES</u>
Code positions in the Collection:	(See IICore2.1.txt)
Collections containing the proposed sub-repertoire:	

ID	UCS-Collection Name / Code Positions	Positions to be included or excluded
60	CJK UNIFIED IDEOGRAPHS 4E00-9FFF	Only 9,707 code positions specified in the file IICore2.1.txt are included.
81	CJK UNIFIED IDEOGRAPHS EXTENSION A 3400-4DBF, FA1F, FA23	Only 42 code positions specified in the file IICore2.1.txt are included.
2001	CJK UNIFIED IDEOGRAPHS EXTENSION B 20000-2A6DF	Only 62 code positions specified in the file IICore2.1.txt are included.

Justification(In response to Annex E of WG2 N2652R):

- A. IICORE collection is a large, sparse subrepertoire over three blocks. Without this collection, users need to enumerate all code positions of IICore. That is inconvenient and impractical.
- B. All characters in IICore 2.1 are defined in ISO/IEC 10646:2003.
- C. No existing collections are fully included in IICORE.
- D. Since no collection is fully contained in IICore, all code positions in IICore are listed in IICore2.1.txt.
- E. N/A.
- F. All code positions in IICORE are already defined.
- G. IICORE collection should be marked as FIXED, since all code positions are already defined.
- H. See WG2 N2539 (IRG N947) and IRG N1018

Organization of IICORE2.1.txt:

- 1st column: the ISO/IEC 10646 code point. (0xxxxx for BMP; 2xxxxx for Plane 2)
- 2nd column: G source identifier
- 3rd column: T source identifier
- 4th column: J source identifier
- 5th column: H source identifier
- 6th column: K source identifier
- 7th column: M source identifier
- 8th column: KP source identifier
- 9th column: Category for IRG submission reference

Note: the UCS code position on the first column is definitive, and other columns are informative for the purpose of the definition of IICORE collection and are explained bellow.

Source identifier description in 2nd-8th column

Source identifier consists from 3 letters

The 1st letter G, T, J, H, K, M, P are member body identifiers which represent China, TCA, Japan, HKSAR, ROK, MacaoSAR, DPRK, respectively.

The 2nd letter followed by the member body identifier indicates the source subID, such as “0” for G-0, “7” for T-7, and so on. Sources which are not subdivided uses “1”.

The last letter in source identifier indicates one of the following, depending on where the character comes from:

- A: for level 1 of the source encoded character set
- B: for education
- C: for level 2 of the source encoded character set
- D: for personal names
- E: for place names
- F: for colloquial characters
- G: for anything else

Category description in the 9th column

Category A characters: Characters in the respective primary sets, such as the level one characters from GB2312 and JIS X 0208, of the source standards are referred to as Category A characters.

Category B characters: Other characters not in Category A with multiple sources are referred to as Category B characters.

Category C characters: Characters not in Category A with only a single source are referred to as Category C characters.

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