

WG2 N 1436

IRG N 384

Title : A Comments on VE and IS/HS of Unified CJK Ideograph
Repertoire

Date : 10 July 1996

Source : Korea Hanja Committee.

Our referene: KIRG N-45

Note : According to the Action Item of IRG #7 we submit the comments.

Rapid changes have been taken place in the development of information technology today in Korea, particularly in the fields of electronic word processor and electronic publishing. In these field the ideographs are the important parts of the written languages as well as processing information. However, there have been independent coded characters sets and lots of identical or nearly identical characters being registered across venders for the ideographs beyond National Standardized Code sets(KS C 5601 and KS C 5657). The requirement for extending of standardized codes is in urgent need and highly desirable, so as to accomplish information interchange in computing data process. To cope with their requirement the Korea Hanja(Korean Ideographs) Committee under the auspices of Korean National Institute of Technology & Quality has inaugurated with task of collecting of ideographic characters in IT field since 1991.

In the very beginning period the said Committee(Korean counterpart of IRG) collected about 14,100 unified characters which is not positioned in Korean Standardized Code from the Central National Library Character Set, the Unified Character Code of Korean News Paper Association, Han Word Processor and Seoul System Co., etc. With this preliminary character set we examined every characters to see which one can not be unified in UCS 10646-1 owing to vacant in K-Column and have confirmed the 7,912 characters which is to be included in Internal Supplementation of IRG/CJK Unified Ideographic Characters Repertoire.

For the sake of completeness, we also checked so called preliminary character set to see which character could be unified among remained characters after selecting for Internal Supplementation Repertoire. The 2,149 characters in remained characters have been double checked again. It means those characters are implemented in tow or more venders as their own code position. We asked to input those characters as Vertical Extension of CJK Unified Ideographic Repertoire as Extension A/ version 1.0. The Korea Hanja Committee have devoted their best efforts to refine and

collect a very commonly used Ideographs but not yet positioned in UCS 10604-1 during last 5 years.

We believe the characters in Extension A 1.0 which includes our carefully chosen Ideographic characters should be encoded in the BMP. It will be satisfy the needs of efficient implementations. We recognizes that additional characters should be encoded in BMP so that the system will be able to process these characters without any compatible extension to other applications.

Concerning on Internal Supplementation of CJK Unified Ideograph Repertoire no one oppose without the assumption that it is related with increasing of code point in BMP. The characters in IS are not necessary to increase or delete of code point. It should be emphasized that we fully supports the works of the IRG in compiling its IS Repertoire.

We therefore strongly request that the supplementation and extension of the CJK Unified Ideograph Repertoire should be considered as the most important and desirable issue to cope with current requirement of IT field in CJKV world.

with signature of



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Chairman
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