

DICOM Change Proposal Form

Tracking Information - Administrator Use Only	
Change Proposal Number:	CP-155
STATUS:	Mar 1999 Voting Packet (revised)
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Person Assigned:	David Clunie <dclunie@idt.net>

Change Proposal Number: CP-155	
Submission Abstract: Add support for ISO IR 149 Korean character sets	
Submitter Name: Hee-Joung Kim.Ph.D. <hjkim@yumc.yonsei.ac.kr>	Submission date: 17 January 1999
Organization: Korean PACS/Korean DICOM committee	Type of Change Proposal: Addition
Name of Document: Part 3: Information Object Definitions, Part 5: Data Structures and Encoding	Version Number: PS 3.3-1998, PS 3.5-1998
Rationale for change: Korea has her own letters, Hanguel, and there are great needs of using Hanguel in DICOM. Hanguel can be implemented easily in DICOM by character encoding methods that PS 3.5 has defined. Defined Term for Character set for Hanguel in PS 3.3. needs to be added in Table C.12-4 of PS 3.3	

Sections of document affected/ Suggest Wording of Change:

Part 3 C.12.1.1.2 Specific Character Set

Add the following entry to Table C.12-4

Character Set Description	Defined Term	Standard for Code Extension	ESC Sequence	ISO registration number	Number of characters	Code element	Character Set
Korean	ISO 2022 IR 149	ISO 2022	ESC 02/04 02/09 04/03	ISO-IR 149	94 ²	G1	KS X 1001: Hanguel

Part 5 Section 2

Add the following Hanguel multibyte character set to the end of section 2 “Normative references”:

KS X 1001-1997 Code for Information Interchange (Hanguel and Hanja)

Modify the Note of section 6.1.2.4 “Code Extension Techniques” to read:

2. Supports for Japanese kanji (ideographic), hiragana (phonetic), katakana(phonetic) characters and Korean characters(Hanguel) are defined in PS3.3. Definition of Chinese, ~~Korean~~, and other multi-byte character sets awaits consideration by the appropriate standards organizations.