DICOM Change Proposal Form

Tracking Information - Administrator Use Only

<table>
<thead>
<tr>
<th>Change Proposal Number:</th>
<th>CP-155</th>
</tr>
</thead>
<tbody>
<tr>
<td>STATUS:</td>
<td>Mar 1999 Voting Packet (revised)</td>
</tr>
<tr>
<td>Date of Last Update:</td>
<td>1999/03/17</td>
</tr>
<tr>
<td>Person Assigned:</td>
<td>David Clunie <a href="mailto:dclunie@idt.net">dclunie@idt.net</a></td>
</tr>
</tbody>
</table>

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

Name of Document: Part 3: Information Object Definitions, Part 5: Data Structures and Encoding

Type of Change Proposal: Addition

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

<table>
<thead>
<tr>
<th>Character Set Description</th>
<th>Defined Term</th>
<th>Standard for Code Extension</th>
<th>ESC Sequence</th>
<th>ISO registration number</th>
<th>Number of characters</th>
<th>Code element</th>
<th>Character Set</th>
</tr>
</thead>
<tbody>
<tr>
<td>Korean</td>
<td>ISO 2022 IR 149</td>
<td>ISO 2022</td>
<td>ESC 02/04 02/09 04/03</td>
<td>ISO-IR 149</td>
<td>94²</td>
<td>G1</td>
<td>KS X 1001: Hanguel</td>
</tr>
</tbody>
</table>

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.