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Disposition of Comments

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Draft Disposition of comments on FPDAM 2 to ISO/IEC 14651:2001, Information technology -- International string ordering and comparison -- Method for comparing character strings and description of the common template tailorable ordering -- AMENDMENT 2

### SOURCE
Mr. Alain LaBonte, Project Editor

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Secretariat ISO/IEC JTC 1/SC 2 - IPSJ/ITSCJ *(Information Processing Society of Japan/Information Technology Standards Commission of Japan) Room 308-3, Kikai-Shinko-Kaikan Bldg., 3-5-8, Shiba-Koen, Minato-ku, Tokyo 105-0011 Japan *Standard Organization Accredited by JISC Telephone: +81-3-3431-2808; Facsimile: +81-3-3431-6493; E-mail: kimura@itscj.ipsj.or.jp
Disposition of comments

Comments (original comments [in gray] were copied from the PDF document received with the Acrobat copy function and therefore are unformatted)

Approvals with comments

USA

US 1.

The character repertoire for this amendment must stay stable with Unicode 4.0.

Accepted.
Disapprovals with comments

Germany

DE 1.

Vote:
========
Disapproval with comments. If the comments are satisfactorily
resolved, the German vote will change to approval.

General comment
================
Please keep the tables as much upwards compatible as possible, both
from their technical contents and from their naming conventions (the
latter for ease of the stability of tailorings). Deviations from that
rule should be reasoned for in accompanying documentation.

Change of name
===============
Change of name <TONOS> --> <D030D>. Please keep the original name.

Not accepted. U+030D is not the Greek tonos, so changing the name from
<TONOS> was an explicit correction.

DE 2.

Combining diacritics
====================
The combining diacritics ligature left half, ligature right half,
double tilde left half and double tilde right half used to be treated
as second level weight in FPDAM 1. Now they are treated as ignorable
on the first three levels. Please change back to the previous
behaviour.

Not accepted. The changes are deliberate, because of the
way these characters can only be used in certain combinations.

n lh g rh

where n and g are letters, and lh and rh are the left half and
right half pieces of the diacritic. The right way to weight this
is to give lh a weight as if it were a double diacritic, and
then to ignore the rh. That is what is done in the table now.
DE 3.

Spurious first level weight assignments

A number of first level weight assignments are made, but seem never to be used. Please either remove these assignments or add a comment to the effect that they are never used. These include:

- `<S0060>` % GRAVE ACCENT
- `<S00B4>` % ACUTE ACCENT
- `<S02DC>` % SMALL TILDE
- `<S005E>` % CIRCUMFLEX ACCENT
- `<S00AF>` % MACRON
- `<S203E>` % OVERLINE
- `<S02D8>` % BREVE
- `<S02D9>` % DOT ABOVE
- `<S00A8>` % DIAERESIS
- `<S02DA>` % RING ABOVE
- `<S02DD>` % DOUBLE ACUTE ACCENT
- `<S1FBF>` % GREEK PSILI
- `<S1FFE>` % GREEK DASIA
- `<S00B8>` % CEDILLA
- `<S02DB>` % OGONEK
- `<S005F>` % LOW LINE
- `<S2017>` % DOUBLE LOW LINE
- `<S1FC0>` % GREEK PERISPOMENI
- `<S309B>` % KATAKANA-HIRAGANA VOICED SOUND MARK
- `<S309C>` % KATAKANA-HIRAGANA SEMI-VOICED SOUND MARK
- `<S239B>` % LEFT PARENTHESES UPPER HOOK
- `<S239C>` % LEFT PARENTHESES EXTENSION
- `<S23A6>` % RIGHT SQUARE BRACKET LOWER CORNER
- `<S23A7>` % LEFT CURLY BRACKET UPPER HOOK
- `<S23A8>` % LEFT CURLY BRACKET MIDDLE PIECE
- `<S23A9>` % LEFT CURLY BRACKET LOWER HOOK
- `<S23AA>` % CURLY BRACKET EXTENSION

Accepted in principle. This was already the case in Amendment 1. A general comment will be added to say that some symbols are declared and attributed a weight while not necessarily used in the template, but can be used as hook-up (connection) symbols for creating the deltas.

DE 4.

Small capital letters

Small capital letters (e.g. LATIN LETTER SMALL CAPITAL V, LATIN LETTER SMALL CAPITAL W, GREEK LETTER SMALL CAPITAL LAMDA) should be treated as case variants of their corresponding basic letters (v, w
and lambda in these cases), not as letters with a separate weight. This holds also true of letters such as LATIN LETTER SMALL CAPITAL B that were already sorted in FPDAM 1.

Controversial. Could be accepted although this breaks the upwards compatibility principle stated in DE 1. Two considerations to balance:

- on one hand, this German comment is in agreement with the principles at the origin of ISO/IEC 14651;
- on the other hand there is currently absence of theory on treatment of small capitals tertiary weights).

Deferred to Xiamen meeting discussion.

DE 5.

Modifier letters

Make modifier letters ignorable on the first three levels.

Partly accepted. The modification will be made only for non-letterlike modifiers. Deferred to Xiamen meeting discussion.

DE 6.

Cyrillic letters

Additions to the Cyrillic order should only done in synchronization with GOST and their pan-Cyrillic ordering requirements. Until such synchronization has been achieved, no additional Cyrillic letters should be added.

Not accepted without more specific reference.

DE 7.

Number signs

Remove spurious weight assignments. Some numbers such as the Aegean numbers have reserved first-level weights which are never used because the numbers themselves are declared ignorable on the first three levels.

Not accepted. See disposition of comment DE 3.
Various symbols

Ensure that the following symbols ignorable on the first three levels (all of them seem to be that already, in this case please remove or mark the spurious weight assignments).

- `<S239D>` % LEFT PARENTHESIS LOWER HOOK
- `<S239E>` % RIGHT PARENTHESIS UPPER HOOK
- `<S239F>` % RIGHT PARENTHESIS EXTENSION
- `<S23A0>` % RIGHT PARENTHESIS LOWER HOOK
- `<S23A1>` % LEFT SQUARE BRACKET UPPER CORNER
- `<S23A2>` % LEFT SQUARE BRACKET EXTENSION
- `<S23A3>` % LEFT SQUARE BRACKET LOWER CORNER
- `<S23A4>` % RIGHT SQUARE BRACKET UPPER CORNER
- `<S23A5>` % RIGHT SQUARE BRACKET EXTENSION
- `<S23A6>` % RIGHT SQUARE BRACKET LOWER CORNER
- `<S23A7>` % LEFT CURLY BRACKET UPPER HOOK
- `<S23A8>` % LEFT CURLY BRACKET MIDDLE PIECE
- `<S23A9>` % LEFT CURLY BRACKET LOWER HOOK
- `<S23AA>` % CURLY BRACKET EXTENSION
- `<S23AB>` % RIGHT CURLY BRACKET UPPER HOOK
- `<S23AC>` % RIGHT CURLY BRACKET MIDDLE PIECE
- `<S23AD>` % RIGHT CURLY BRACKET LOWER HOOK
- `<S23AE>` % INTEGRAL EXTENSION
- `<S23AF>` % HORIZONTAL LINE EXTENSION
- `<S23B0>` % UPPER LEFT OR LOWER RIGHT CURLY BRACKET SECTION
- `<S23B1>` % UPPER RIGHT OR LOWER LEFT CURLY BRACKET SECTION
- `<S23B2>` % SUMMATION TOP
- `<S23B3>` % SUMMATION BOTTOM
- `<S23B4>` % TOP SQUARE BRACKET
- `<S23B5>` % BOTTOM SQUARE BRACKET
- `<S23B6>` % BOTTOM SQUARE BRACKET OVER TOP SQUARE BRACKET
- `<S23B7>` % RADICAL SYMBOL BOTTOM
- `<S23B8>` % LEFT VERTICAL BOX LINE
- `<S23B9>` % RIGHT VERTICAL BOX LINE
- `<S23BA>` % HORIZONTAL SCAN LINE-1
- `<S23BB>` % HORIZONTAL SCAN LINE-3
- `<S23BC>` % HORIZONTAL SCAN LINE-7
- `<S23BD>` % HORIZONTAL SCAN LINE-9
- `<S23BE>` % DENTISTRY SYMBOL LIGHT VERTICAL AND TOP RIGHT
- `<S23BF>` % DENTISTRY SYMBOL LIGHT VERTICAL AND BOTTOM RIGHT
- `<S23C0>` % DENTISTRY SYMBOL LIGHT VERTICAL WITH CIRCLE
- `<S23C1>` % DENTISTRY SYMBOL LIGHT DOWN AND HORIZONTAL WITH CIRCLE
- `<S23C2>` % DENTISTRY SYMBOL LIGHT UP AND HORIZONTAL WITH CIRCLE
- `<S23C3>` % DENTISTRY SYMBOL LIGHT VERTICAL WITH TRIANGLE
- `<S23C4>` % DENTISTRY SYMBOL LIGHT DOWN AND HORIZONTAL WITH TRIANGLE
- `<S23C5>` % DENTISTRY SYMBOL LIGHT UP AND HORIZONTAL WITH TRIANGLE
- `<S23C6>` % DENTISTRY SYMBOL LIGHT VERTICAL AND WAVE
- `<S23C7>` % DENTISTRY SYMBOL LIGHT DOWN AND HORIZONTAL WITH WAVE
- `<S23C8>` % DENTISTRY SYMBOL LIGHT UP AND HORIZONTAL WITH WAVE
% SOUTH WEST ARROW AND NORTH WEST ARROW
% RISING DIAGONAL CROSSING FALLING DIAGONAL
% FALLING DIAGONAL CROSSING RISING DIAGONAL
% SOUTH EAST ARROW CROSSING NORTH EAST ARROW
% NORTH EAST ARROW CROSSING SOUTH EAST ARROW
% FALLING DIAGONAL CROSSING NORTH EAST ARROW
% RISING DIAGONAL CROSSING SOUTH EAST ARROW
% NORTH EAST ARROW CROSSING NORTH WEST ARROW
% NORTH WEST ARROW CROSSING NORTH EAST ARROW
% WAVE ARROW POINTING DIRECTLY RIGHT
% ARROW POINTING RIGHTWARDS THEN CURVING UPWARDS
% ARROW POINTING RIGHTWARDS THEN CURVING DOWNWARDS
% ARROW POINTING DOWNWARDS THEN CURVING LEFTWARDS
% RIGHT-SIDE ARC CLOCKWISE ARROW
% LEFT-SIDE ARC ANTICLOCKWISE ARROW
% TOP ARC ANTICLOCKWISE ARROW
% BOTTOM ARC ANTICLOCKWISE ARROW
% TOP ARC CLOCKWISE ARROW WITH MINUS
% TOP ARC ANTICLOCKWISE ARROW WITH PLUS
% LOWER RIGHT SEMICIRCULAR CLOCKWISE ARROW
% LOWER LEFT SEMICIRCULAR ANTICLOCKWISE ARROW
% ANTICLOCKWISE CLOSED CIRCLE ARROW
% CLOCKWISE CLOSED CIRCLE ARROW
% RIGHTWARDS ARROW ABOVE SHORT LEFTWARDS ARROW
% LEFTWARDS ARROW ABOVE SHORT RIGHTWARDS ARROW
% SHORT RIGHTWARDS ARROW ABOVE LEFTWARDS ARROW
% RIGHTWARDS ARROW ABOVE SHORT LEFTWARDS ARROW
% LEFTWARDS ARROW ABOVE SHORT RIGHTWARDS ARROW
% SHORT RIGHTWARDS ARROW ABOVE LEFTWARDS ARROW
% RIGHTWARDS ARROW WITH PLUS BELOW
% LEFTWARDS ARROW WITH PLUS BELOW
% RIGHTWARDS ARROW THROUGH X
% LEFT RIGHT ARROW THROUGH SMALL CIRCLE
% UPWARDS TWO-HEADED ARROW FROM SMALL CIRCLE
% LEFT BARB UP RIGHT BARB DOWN HARPOON
% LEFT BARB DOWN RIGHT BARB UP HARPOON
% UP BARB RIGHT DOWN BARB LEFT HARPOON
% UP BARB LEFT DOWN BARB RIGHT HARPOON
% LEFT BARB UP RIGHT BARB UP HARPOON
% UP BARB RIGHT DOWN BARB RIGHT HARPOON
% LEFT BARB DOWN RIGHT BARB DOWN HARPOON
% UP BARB LEFT DOWN BARB LEFT HARPOON
% LEFTWARDS HARPOON WITH BARB UP TO BAR
% RIGHTWARDS HARPOON WITH BARB UP TO BAR
% UPWARDS HARPOON WITH BARB RIGHT TO BAR
% DOWNWARDS HARPOON WITH BARB RIGHT TO BAR
% LEFTWARDS HARPOON WITH BARB DOWN TO BAR
% RIGHTWARDS HARPOON WITH BARB DOWN TO BAR
% UPWARDS HARPOON WITH BARB LEFT TO BAR
% DOWNWARDS HARPOON WITH BARB LEFT TO BAR
% LEFTWARDS HARPOON WITH BARB UP FROM BAR
% RIGHTWARDS HARPOON WITH BARB UP FROM BAR
% UPWARDS HARPOON WITH BARB RIGHT FROM BAR
% DOWNWARDS HARPOON WITH BARB RIGHT FROM BAR
% LEFTWARDS HARPOON WITH BARB DOWN FROM BAR
<S295F> % RIGHTWARDS HARPOON WITH BARB DOWN FROM BAR
<S2960> % UPWARDS HARPOON WITH BARB LEFT FROM BAR
<S2961> % DOWNWARDS HARPOON WITH BARB LEFT FROM BAR
<S2962> % LEFTWARDS HARPOON WITH BARB UP ABOVE LEFTWARDS HARPOON WITH BARB DOWN
<S2963> % UPWARDS HARPOON WITH BARB LEFT BESIDE UPWARDS HARPOON WITH BARB RIGHT
<S2964> % RIGHTWARDS HARPOON WITH BARB UP ABOVE RIGHTWARDS HARPOON WITH BARB DOWN
<S2965> % DOWNWARDS HARPOON WITH BARB LEFT BESIDE DOWNWARDS HARPOON WITH BARB RIGHT
<S2966> % LEFTWARDS HARPOON WITH BARB UP ABOVE RIGHTWARDS HARPOON WITH BARB DOWN
<S2967> % LEFTWARDS HARPOON WITH BARB DOWN ABOVE RIGHTWARDS HARPOON WITH BARB DOWN
<S2968> % RIGHTWARDS HARPOON WITH BARB UP ABOVE LEFTWARDS HARPOON WITH BARB UP
<S2969> % RIGHTWARDS HARPOON WITH BARB DOWN ABOVE LEFTWARDS HARPOON WITH BARB DOWN
<S296A> % LEFTWARDS HARPOON WITH BARB UP ABOVE LONG DASH
<S296B> % LEFTWARDS HARPOON WITH BARB DOWN BELOW LONG DASH
<S296C> % RIGHTWARDS HARPOON WITH BARB UP ABOVE LONG DASH
<S296D> % RIGHTWARDS HARPOON WITH BARB DOWN BELOW LONG DASH
<S296E> % UPWARDS HARPOON WITH BARB LEFT BESIDE DOWNWARDS HARPOON WITH BARB RIGHT
<S296F> % DOWNWARDS HARPOON WITH BARB LEFT BESIDE UPWARDS HARPOON WITH BARB RIGHT
<S2970> % RIGHT DOUBLE ARROW WITH ROUNDED HEAD
<S2971> % EQUALS SIGN ABOVE RIGHTWARDS ARROW
<S2972> % TILDE OPERATOR ABOVE RIGHTWARDS ARROW
<S2973> % LEFTWARDS ARROW ABOVE TILDE OPERATOR
<S2974> % RIGHTWARDS ARROW ABOVE TILDE OPERATOR
<S2975> % RIGHTWARDS ARROW ABOVE ALMOST EQUAL TO
<S2976> % LESS-THAN ABOVE LEFTWARDS ARROW
<S2977> % LEFTWARDS ARROW THROUGH LESS-THAN
<S2978> % GREATER-THAN ABOVE RIGHTWARDS ARROW
<S2979> % SUBSET ABOVE RIGHTWARDS ARROW
<S297A> % LEFTWARDS ARROW THROUGH SUBSET
<S297B> % SUPERSET ABOVE LEFTWARDS ARROW
<S297C> % LEFT FISH TAIL
<S297D> % RIGHT FISH TAIL
<S297E> % UP FISH TAIL
<S297F> % DOWN FISH TAIL
<S2980> % TRIPLE VERTICAL BAR DELIMITER
<S2981> % Z NOTATION SPOT
<S2982> % Z NOTATION TYPE COLON
<S2989> % DOTTED FENCE
<S299A> % VERTICAL ZIGZAG LINE
<S299B> % MEASURED ANGLE OPENING LEFT
<S299C> % RIGHT ANGLE VARIANT WITH SQUARE
<S299D> % MEASURED RIGHT ANGLE WITH DOT
<S299E> % ANGLE WITH S INSIDE
<S299F> % ACUTE ANGLE
<S29CC> % S IN TRIANGLE
<S29CD> % TRIANGLE WITH SERIFS AT BOTTOM
<S29CE> % RIGHT TRIANGLE ABOVE LEFT TRIANGLE
<S29CF> % LEFT TRIANGLE BESIDE VERTICAL BAR
<S29D0> % VERTICAL BAR BESIDE RIGHT TRIANGLE
<S29D1> % BOWTIE WITH LEFT HALF BLACK
<S29D2> % BOWTIE WITH RIGHT HALF BLACK
<S29D3> % BLACK BOWTIE
<S29D4> % TIMES WITH LEFT HALF BLACK
<S29D5> % TIMES WITH RIGHT HALF BLACK
<S29D6> % WHITE HOURGLASS
<S29D7> % BLACK HOURGLASS
<S29D8> % LEFT WIGGLY FENCE
<S29D9> % RIGHT WIGGLY FENCE
<S29DA> % LEFT DOUBLE WIGGLY FENCE
<S29DB> % RIGHT DOUBLE WIGGLY FENCE
<S29DC> % INCOMPLETE INFINITY
<S29DD> % TIE OVER INFINITY
<S29DE> % INFINITY NEGATED WITH VERTICAL BAR
<S29DF> % DOUBLE-ENDED MULTIMAP
<S29E0> % SQUARE WITH CONTOURED OUTLINE
<S29E1> % INCREASES AS
<S29E2> % SHUFFLE PRODUCT
<S29E3> % EQUALS SIGN AND SLANTED PARALLEL
<S29E4> % EQUALS SIGN AND SLANTED PARALLEL WITH TILDE ABOVE
<S29E5> % IDENTICAL TO AND SLANTED PARALLEL
<S29E6> % GLEICH STARK
<S29E7> % THERMODYNAMIC
<S29E8> % DOWN-POINTING TRIANGLE WITH LEFT HALF BLACK
<S29E9> % DOWN-POINTING TRIANGLE WITH RIGHT HALF BLACK
<S29EA> % BLACK DIAMOND WITH DOWN ARROW
<S29EB> % BLACK LOZENGE
<S29EC> % WHITE CIRCLE WITH DOWN ARROW
<S29ED> % BLACK CIRCLE WITH DOWN ARROW
<S29EE> % ERROR-BARRED WHITE SQUARE
<S29EF> % ERROR-BARRED BLACK SQUARE
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<S29F6> % SOLIDUS WITH OVERBAR
<S29F7> % REVERSE SOLIDUS WITH HORIZONTAL STROKE
<S29F8> % BIG SOLIDUS
<S29F9> % BIG REVERSE SOLIDUS
<S29FA> % DOUBLE PLUS
<S29FB> % TRIPLE PLUS
<S29FC> % TINY
<S29FD> % MINY
<S2A00> % N-ARY CIRCLED DOT OPERATOR
<S2A01> % N-ARY CIRCLED PLUS OPERATOR
<S2A02> % N-ARY CIRCLED TIMES OPERATOR
% N-ARY UNION OPERATOR WITH DOT
% N-ARY UNION OPERATOR WITH PLUS
% N-ARY SQUARE INTERSECTION OPERATOR
% N-ARY SQUARE UNION OPERATOR
% TWO LOGICAL AND OPERATOR
% TWO LOGICAL OR OPERATOR
% N-ARY TIMES OPERATOR
% MODULO TWO SUM
% SUMMATION WITH INTEGRAL
% FINITE PART INTEGRAL
% INTEGRAL WITH DOUBLE STROKE
% INTEGRAL AVERAGE WITH SLASH
% CIRCULATION FUNCTION
% ANTICLOCKWISE INTEGRATION
% LINE INTEGRATION WITH RECTANGULAR PATH AROUND POLE
% LINE INTEGRATION WITH SEMICIRCULAR PATH AROUND POLE
% LINE INTEGRATION NOT INCLUDING THE POLE
% INTEGRAL AROUND A POINT OPERATOR
% QUATERNION INTEGRAL OPERATOR
% INTEGRAL WITH LEFTWARDS ARROW WITH HOOK
% INTEGRAL WITH TIMES SIGN
% INTEGRAL WITH INTERSECTION
% INTEGRAL WITH UNION
% INTEGRAL WITH OVERBAR
% INTEGRAL WITH UNDERBAR
% JOIN
% LARGE LEFT TRIANGLE OPERATOR
% Z NOTATION SCHEMA COMPOSITION
% Z NOTATION SCHEMA PIPING
% Z NOTATION SCHEMA PROJECTION
% PLUS SIGN WITH SMALL CIRCLE ABOVE
% PLUS SIGN WITH CIRCUMFLEX ACCENT ABOVE
% PLUS SIGN WITH TILDE ABOVE
% PLUS SIGN WITH DOT BELOW
% PLUS SIGN WITH TILDE BELOW
% PLUS SIGN WITH SUBSCRIPT TWO
% PLUS SIGN WITH BLACK TRIANGLE
% MINUS SIGN WITH COMMA ABOVE
% MINUS SIGN WITH DOT BELOW
% MINUS SIGN WITH FALLING DOTS
% MINUS SIGN WITH RISING DOTS
% PLUS SIGN IN LEFT HALF CIRCLE
% PLUS SIGN IN RIGHT HALF CIRCLE
% VECTOR OR CROSS PRODUCT
% MULTIPLICATION SIGN WITH DOT ABOVE
% MULTIPLICATION SIGN WITH UNDERBAR
% SEMIDIRECT PRODUCT WITH BOTTOM CLOSED
% SMASH PRODUCT
% MULTIPLICATION SIGN IN LEFT HALF CIRCLE
% MULTIPLICATION SIGN IN RIGHT HALF CIRCLE
% CIRCLED MULTIPLICATION SIGN WITH CIRCUMFLEX ACCENT
% MULTIPLICATION SIGN IN DOUBLE CIRCLE
% CIRCLED DIVISION SIGN
% EQUALS WITH ASTERISK
% ALMOST EQUAL TO WITH CIRCUMFLEX ACCENT
% APPROXIMATELY EQUAL OR EQUAL TO
% EQUALS SIGN ABOVE PLUS SIGN
% PLUS SIGN ABOVE EQUALS SIGN
% EQUALS SIGN ABOVE TILDE OPERATOR
% EQUALS SIGN WITH TWO DOTS ABOVE AND TWO DOTS BELOW
% EQUIVALENT WITH FOUR DOTS ABOVE
% LESS-THAN WITH CIRCLE INSIDE
% GREATER-THAN WITH CIRCLE INSIDE
% LESS-THAN WITH QUESTION MARK ABOVE
% GREATER-THAN WITH QUESTION MARK ABOVE
% LESS-THAN OR SLANTED EQUAL TO
% GREATER-THAN OR SLANTED EQUAL TO
% LESS-THAN OR SLANTED EQUAL TO WITH DOT INSIDE
% GREATER-THAN OR SLANTED EQUAL TO WITH DOT INSIDE
% LESS-THAN OR SLANTED EQUAL TO WITH DOT ABOVE
% GREATER-THAN OR SLANTED EQUAL TO WITH DOT ABOVE
% LESS-THAN OR SLANTED EQUAL TO WITH DOT ABOVE RIGHT
% GREATER-THAN OR SLANTED EQUAL TO WITH DOT ABOVE LEFT
% LESS-THAN OR APPROXIMATE
% GREATER-THAN OR APPROXIMATE
% LESS-THAN AND SINGLE-LINE NOT EQUAL TO
% GREATER-THAN AND SINGLE-LINE NOT EQUAL TO
% LESS-THAN AND NOT APPROXIMATE
% GREATER-THAN AND NOT APPROXIMATE
% LESS-THAN ABOVE DOUBLE-LINE EQUAL ABOVE GREATER-THAN
% GREATER-THAN ABOVE DOUBLE-LINE EQUAL ABOVE LESS-THAN
% LESS-THAN ABOVE SIMILAR OR EQUAL
% GREATER-THAN ABOVE SIMILAR OR EQUAL
% LESS-THAN ABOVE SIMILAR ABOVE GREATER-THAN
% GREATER-THAN ABOVE SIMILAR ABOVE LESS-THAN
% LESS-THAN ABOVE DOUBLE-LINE EQUAL ABOVE GREATER-THAN
% GREATER-THAN ABOVE DOUBLE-LINE EQUAL ABOVE LESS-THAN
% SLANTED EQUAL TO OR LESS-THAN
% SLANTED EQUAL TO OR GREATER-THAN
% SLANTED EQUAL TO OR LESS-THAN WITH DOT INSIDE
% SLANTED EQUAL TO OR GREATER-THAN WITH DOT INSIDE
% DOUBLE-LINE EQUAL TO OR LESS-THAN
% DOUBLE-LINE EQUAL TO OR GREATER-THAN
% DOUBLE-LINE SLANTED EQUAL TO OR LESS-THAN
% DOUBLE-LINE SLANTED EQUAL TO OR GREATER-THAN
% SIMILAR OR LESS-THAN
% SIMILAR OR GREATER-THAN
% SIMILAR ABOVE LESS-THAN ABOVE EQUALS SIGN
% SIMILAR ABOVE GREATER-THAN ABOVE EQUALS SIGN
% DOUBLE NESTED LESS-THAN
% DOUBLE NESTED GREATER-THAN
% DOUBLE NESTED LESS-THAN WITH UNDERBAR
ELEMENT OF OPENING DOWNWARDS
PITCHFORK WITH TEE TOP
TRANSVERSAL INTERSECTION
NONFORKING
SHORT LEFT TACK
SHORT DOWN TACK
SHORT UP TACK
PERPENDICULAR WITH S
VERTICAL BAR TRIPLE RIGHT TURNSTILE
DOUBLE VERTICAL BAR LEFT TURNSTILE
VERTICAL BAR DOUBLE LEFT TURNSTILE
DOUBLE VERTICAL BAR DOUBLE LEFT TURNSTILE
LONG DASH FROM LEFT MEMBER OF DOUBLE VERTICAL
SHORT DOWN TACK WITH OVERBAR
SHORT UP TACK WITH UNDERBAR
SHORT UP TACK ABOVE SHORT DOWN TACK
DOUBLE DOWN TACK
DOUBLE UP TACK
DOUBLE STROKE NOT SIGN
REVERSED DOUBLE STROKE NOT SIGN
DOES NOT DIVIDE WITH REVERSED NEGATION SLASH
VERTICAL LINE WITH CIRCLE ABOVE
VERTICAL LINE WITH CIRCLE BELOW
DOWN TACK WITH CIRCLE BELOW
PARALLEL WITH HORIZONTAL STROKE
PARALLEL WITH TILDE OPERATOR
TRIPLE VERTICAL BAR BINARY RELATION
TRIPLE VERTICAL BAR WITH HORIZONTAL STROKE
TRIPLE COLON OPERATOR
TRIPLE NESTED LESS-THAN
TRIPLE NESTED GREATER-THAN
DOUBLE-LINE SLANTED LESS-THAN OR EQUAL TO
DOUBLE-LINE SLANTED GREATER-THAN OR EQUAL TO
TRIPLE SOLIDUS BINARY RELATION
LARGE TRIPLE VERTICAL BAR OPERATOR
DOUBLE SOLIDUS OPERATOR
WHITE VERTICAL BAR
N-ARY WHITE VERTICAL BAR
NORTH EAST WHITE ARROW
NORTH WEST WHITE ARROW
SOUTH EAST WHITE ARROW
SOUTH WEST WHITE ARROW
LEFT RIGHT WHITE ARROW
LEFTWARDS BLACK ARROW
UPWARDS BLACK ARROW
DOWNWARDS BLACK ARROW
NORTH EAST BLACK ARROW
NORTH WEST BLACK ARROW
SOUTH EAST BLACK ARROW
SOUTH WEST BLACK ARROW
LEFT RIGHT BLACK ARROW
UP DOWN BLACK ARROW
MONOGRAM FOR YANG
<S268B>% MONOGRAM FOR YIN
<S268C>% DIGRAM FOR GREATER YANG
<S268D>% DIGRAM FOR LESSER YIN
<S268E>% DIGRAM FOR LESSER YANG
<S268F>% DIGRAM FOR GREATER YIN
<S2630>% TRIGRAM FOR HEAVEN
<S2631>% TRIGRAM FOR LAKE
<S2632>% TRIGRAM FOR FIRE
<S2633>% TRIGRAM FOR THUNDER
<S2634>% TRIGRAM FOR WIND
<S2635>% TRIGRAM FOR WATER
<S2636>% TRIGRAM FOR MOUNTAIN
<S2637>% TRIGRAM FOR EARTH
<S4DC0>% HEXAGRAM FOR THE CREATIVE HEAVEN
<S4DC1>% HEXAGRAM FOR THE RECEPTIVE EARTH
<S4DC2>% HEXAGRAM FOR DIFFICULTY AT THE BEGINNING
<S4DC3>% HEXAGRAM FOR YOUTHFUL FOLLY
<S4DC4>% HEXAGRAM FOR WAITING
<S4DC5>% HEXAGRAM FOR CONFLICT
<S4DC6>% HEXAGRAM FOR THE ARMY
<S4DC7>% HEXAGRAM FOR HOLDING TOGETHER
<S4DC8>% HEXAGRAM FOR SMALL TAMING
<S4DC9>% HEXAGRAM FOR TREADING
<S4DCA>% HEXAGRAM FOR PEACE
<S4DCB>% HEXAGRAM FOR STANDSTILL
<S4DCC>% HEXAGRAM FOR FELLOWSHIP
<S4DCD>% HEXAGRAM FOR GREAT POSSESSION
<S4DCE>% HEXAGRAM FOR MODESTY
<S4DCF>% HEXAGRAM FOR ENTHUSIASM
<S4DD0>% HEXAGRAM FOR FOLLOWING
<S4DD1>% HEXAGRAM FOR WORK ON THE DECAYED
<S4DD2>% HEXAGRAM FOR APPROACH
<S4DD3>% HEXAGRAM FOR CONTEMPLATION
<S4DD4>% HEXAGRAM FOR BITING THROUGH
<S4DD5>% HEXAGRAM FOR GRACE
<S4DD6>% HEXAGRAM FOR SPLITTING APART
<S4DD7>% HEXAGRAM FOR RETURN
<S4DD8>% HEXAGRAM FOR INNOCENCE
<S4DD9>% HEXAGRAM FOR GREAT TAMING
<S4DAA>% HEXAGRAM FOR MOUTH CORNERS
<S4DBA>% HEXAGRAM FOR GREAT PREPONDERANCE
<S4DCA>% HEXAGRAM FOR THE ABYSMAL WATER
<S4DDD>% HEXAGRAM FOR THE CLINGING FIRE
<S4DEA>% HEXAGRAM FOR INFLUENCE
<S4DFA>% HEXAGRAM FOR DURATION
<S4EEA>% HEXAGRAM FOR RETREAT
<S4EEB>% HEXAGRAM FOR GREAT POWER
<S4EEC>% HEXAGRAM FOR PROGRESS
<S4EED>% HEXAGRAM FOR DARKENING OF THE LIGHT
<S4EEE>% HEXAGRAM FOR THE FAMILY
<S4EEF>% HEXAGRAM FOR OPPOSITION
<S4EFF>% HEXAGRAM FOR OBSTRUCTION
<S4EFG>% HEXAGRAM FOR DELIVERANCE
% HEXAGRAM FOR DECREASE
% HEXAGRAM FOR INCREASE
% HEXAGRAM FOR BREAKTHROUGH
% HEXAGRAM FOR COMING TO MEET
% HEXAGRAM FOR GATHERING TOGETHER
% HEXAGRAM FOR PUSHING UPWARD
% HEXAGRAM FOR OPPRESSION
% HEXAGRAM FOR THE WELL
% HEXAGRAM FOR REVOLUTION
% HEXAGRAM FOR THE CAULDRON
% HEXAGRAM FOR THE AROUSING THUNDER
% HEXAGRAM FOR THE KEEPING STILL MOUNTAIN
% HEXAGRAM FOR DEVELOPMENT
% HEXAGRAM FOR THE MARRYING MAIDEN
% HEXAGRAM FOR ABUNDANCE
% HEXAGRAM FOR THE WANDERER
% HEXAGRAM FOR THE GENTLE WIND
% HEXAGRAM FOR THE JOYOUS LAKE
% HEXAGRAM FOR LIMITATION
% HEXAGRAM FOR SMALL PREPONDERANCE
% HEXAGRAM FOR AFTER COMPLETION
% HEXAGRAM FOR BEFORE COMPLETION
% MONOGRAM FOR EARTH
% DIGRAM FOR HEAVENLY EARTH
% DIGRAM FOR HUMAN EARTH
% DIGRAM FOR EARTHLY HEAVEN
% DIGRAM FOR EARTHLY HUMAN
% DIGRAM FOR EARTH
% TETRAGRAM FOR CENTRE
% TETRAGRAM FOR FULL CIRCLE
% TETRAGRAM FOR MIRED
% TETRAGRAM FOR BARRIER
% TETRAGRAM FOR KEEPING SMALL
% TETRAGRAM FOR CONTRARIETY
% TETRAGRAM FOR ASCENT
% TETRAGRAM FOR OPPOSITION
% TETRAGRAM FOR BRANCHING OUT
% TETRAGRAM FOR DEFECTIVENESS OR DISTORTION
% TETRAGRAM FOR DIVERGENCE
% TETRAGRAM FOR YOUTHFULNESS
% TETRAGRAM FOR INCREASE
% TETRAGRAM FOR PENETRATION
% TETRAGRAM FOR REACH
% TETRAGRAM FOR CONTACT
% TETRAGRAM FOR HOLDING BACK
% TETRAGRAM FOR WAITING
% TETRAGRAM FOR FOLLOWING
% TETRAGRAM FOR ADVANCE
% TETRAGRAM FOR RELEASE
% TETRAGRAM FOR RESISTANCE
% TETRAGRAM FOR EASE
<S1D31D> % TETRAGRAM FOR JOY
<S1D31E> % TETRAGRAM FOR CONTENTION
<S1D31F> % TETRAGRAM FOR ENDEAVOUR
<S1D320> % TETRAGRAM FOR DUTIES
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<S1D322> % TETRAGRAM FOR DECISIVENESS
<S1D323> % TETRAGRAM FOR BOLD RESOLUTION
<S1D324> % TETRAGRAM FOR PACKING
<S1D325> % TETRAGRAM FOR LEGION
<S1D326> % TETRAGRAM FOR CLOSENESS
<S1D327> % TETRAGRAM FOR KINSHIP
<S1D328> % TETRAGRAM FOR GATHERING
<S1D329> % TETRAGRAM FOR STRENGTH
<S1D32A> % TETRAGRAM FOR PURITY
<S1D32B> % TETRAGRAM FOR FULLNESS
<S1D32C> % TETRAGRAM FOR RESIDENCE
<S1D32D> % TETRAGRAM FOR LAW OR MODEL
<S1D32E> % TETRAGRAM FOR RESPONSE
<S1D32F> % TETRAGRAM FOR GOING TO MEET
<S1D330> % TETRAGRAM FOR ENCOUNTERS
<S1D331> % TETRAGRAM FOR STOVE
<S1D332> % TETRAGRAM FOR GREATNESS
<S1D333> % TETRAGRAM FOR ENLARGEMENT
<S1D334> % TETRAGRAM FOR PATTERN
<S1D335> % TETRAGRAM FOR RITUAL
<S1D336> % TETRAGRAM FOR FLIGHT
<S1D337> % TETRAGRAM FOR VASTNESS OR WASTING
<S1D338> % TETRAGRAM FOR CONSTANCY
<S1D339> % TETRAGRAM FOR MEASURE
<S1D33A> % TETRAGRAM FOR ETERNITY
<S1D33B> % TETRAGRAM FOR UNITY
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<S1D33D> % TETRAGRAM FOR CLOSED MOUTH
<S1D33E> % TETRAGRAM FOR GUARDEDNESS
<S1D33F> % TETRAGRAM FOR GATHERING IN
<S1D340> % TETRAGRAM FOR MASSING
<S1D341> % TETRAGRAM FOR ACCUMULATION
<S1D342> % TETRAGRAM FOR EMBELLISHMENT
<S1D343> % TETRAGRAM FOR DOUBT
<S1D344> % TETRAGRAM FOR WATCH
<S1D345> % TETRAGRAM FOR SINKING
<S1D346> % TETRAGRAM FOR INNER
<S1D347> % TETRAGRAM FOR DEPARTURE
<S1D348> % TETRAGRAM FOR DARKENING
<S1D349> % TETRAGRAM FOR DIMMING
<S1D34A> % TETRAGRAM FOR EXHAUSTION
<S1D34B> % TETRAGRAM FOR SEVERANCE
<S1D34C> % TETRAGRAM FOR STOPPAGE
<S1D34D> % TETRAGRAM FOR HARDNESS
<S1D34E> % TETRAGRAM FOR COMPLETION
<S1D34F> % TETRAGRAM FOR CLOSURE
<S1D350> % TETRAGRAM FOR FAILURE
<S1D351> % TETRAGRAM FOR AGGRAVATION
Partly accepted. They will be made ignorable at the first three levels. However for the suggestion to remove unused symbols, see disposition of comment DE 3.
Korea

KR 1.

Summary: Some problems with the current CTT (Common Template Table) of ISO/IEC 14651 RE Hangeul
1. Five categories of Hangeul letters/syllables in UCS

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
<th>Code Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Hangeul IPF-Johab letters</td>
<td>240 - U+11xx (U+1100 - 11FF)</td>
<td></td>
</tr>
<tr>
<td>2) Hangeul Wanseong syllables</td>
<td>11,172 - U+AC00 - D7A3</td>
<td></td>
</tr>
<tr>
<td>3) Hangeul Compatibility CV-Johab letters</td>
<td>94 - U+31xx (U+3131 - 318E)</td>
<td></td>
</tr>
<tr>
<td>4) Hangeul Half-width CV-Johab letters</td>
<td>52 - U+FFxx (U+FFA0 - FFDC)</td>
<td></td>
</tr>
<tr>
<td>5) Hangeul Enclosed (Parenthesized) syllables/letters</td>
<td>28, 29 - U+32xx (U+3200-321C, 3260-327B)</td>
<td></td>
</tr>
</tbody>
</table>

* IPF=initial-peak-final, CV=consonant-vowel

2. Problems with the current CTT of ISO/IEC 14651 RE Hangeul

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1 Hangeul Compatibility CV-Johab</td>
<td>(U+31xx)</td>
</tr>
<tr>
<td>2.2 Hangeul Halfwidth CV-Johab letters</td>
<td>(U+FFxx)</td>
</tr>
</tbody>
</table>

Not accepted. In absence of explanation on the problems and of suggestions on how to fix them, it is not clear what has to be done. The Korean national body is invited to prepare a more elaborate contribution for the next amendment if a problem is perceived that really calls for a modification of the template table. In the meanwhile, it is always possible to build a national delta to describe what is expected in Korea, if all expectations are not satisfied currently. It is to be noted that the declaration of a delta is always mandatory to conform to the international standard.

ISO (ITTF)

ISO 1.

Cover – editorial comment – The words "International Standard" should be replaced with "Amendment" until publication stage. The words "Final Proposed Draft Amendment 2" should be deleted.

Accepted. The FDAM will show these modifications.

************** End of this disposition of comments **************