

Universal Multiple-Octet Coded Character Set
 International Organization for Standardization
 Organisation internationale de normalisation
 Международная организация по стандартизации

Doc Type: Working Group Document**Title: Proposal to encode dominoes and other game symbols in the UCS****Source: Michael Everson****Status: Individual Contribution****Action: For consideration by JTC1/SC2/WG2 and UTC****Date: 2005-05-18**

The UCS contains a number of symbols used in games. Chess pieces, card suits, and Japanese shogi pieces have been encoded to enable their use in discussions of these games. The tiles used in the game *dominoes* have not been encoded; they are proposed here, as are playing card pips and the men and kings used in draughts/checkers.

Chinese tile games of the 12th century CE made use of tiles carved from bone or ivory with the indented pips made of ebony. The “tiles” are also known as “bones”, “stones”, or (apparently incorrectly) “dominoes”. The first recorded reference of the game in Europe is from the courts of Venice and Naples. There, the tiles were made by gluing and pinning two sheets of ebony on either side of the bone tile, which prevented cheating since the the pips could no longer be seen through the back of the tile if the bone or ivory were somewhat translucent. The standard or “double-six” set of dominoes is proposed here, as are the other sets – “double-nine”, “double-twelve”, “double-fifteen”, and “double-eighteen”. The last two are less common than the others, but this proposal is comprehensive and includes all of them. Note that domino fonts can be drawn as black tiles with white pips or white tiles with black pips; there is no distinction.



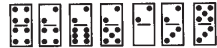
Figure 1. From Teun Spaans’ “Domino Plaza” web site (www.xs4all.nl/~spaanszt/Domino_Plaza.html), showing horizontal and vertical dominoes in text. The positioning of the horizontal and vertical tiles is significant, and can be maintained in plain-text fonts by positioning the glyphs appropriately with regard to the font baseline.



Keeping Track of the Tiles

It is important to be able to keep track of the tiles as the skeleton is built. This applies both to the played and unplayed tiles, and both your team's as well as your opponents'.

Consider again the lead player's hand in the first sample game:



Not only is he aware of the five 2s he has, he should also realize the 1-2 and the 1-3 are the missing 2s. As the game is played, he keeps looking out for their appearance. He should also try to get them played as quickly as possible, so he'll have the last 2s left (First Law—develop your strong suit).

Figure 4. Example from Lugo 2002, showing DOMINO TILE VERTICAL-02-06 used to indicate the chapter number (8).

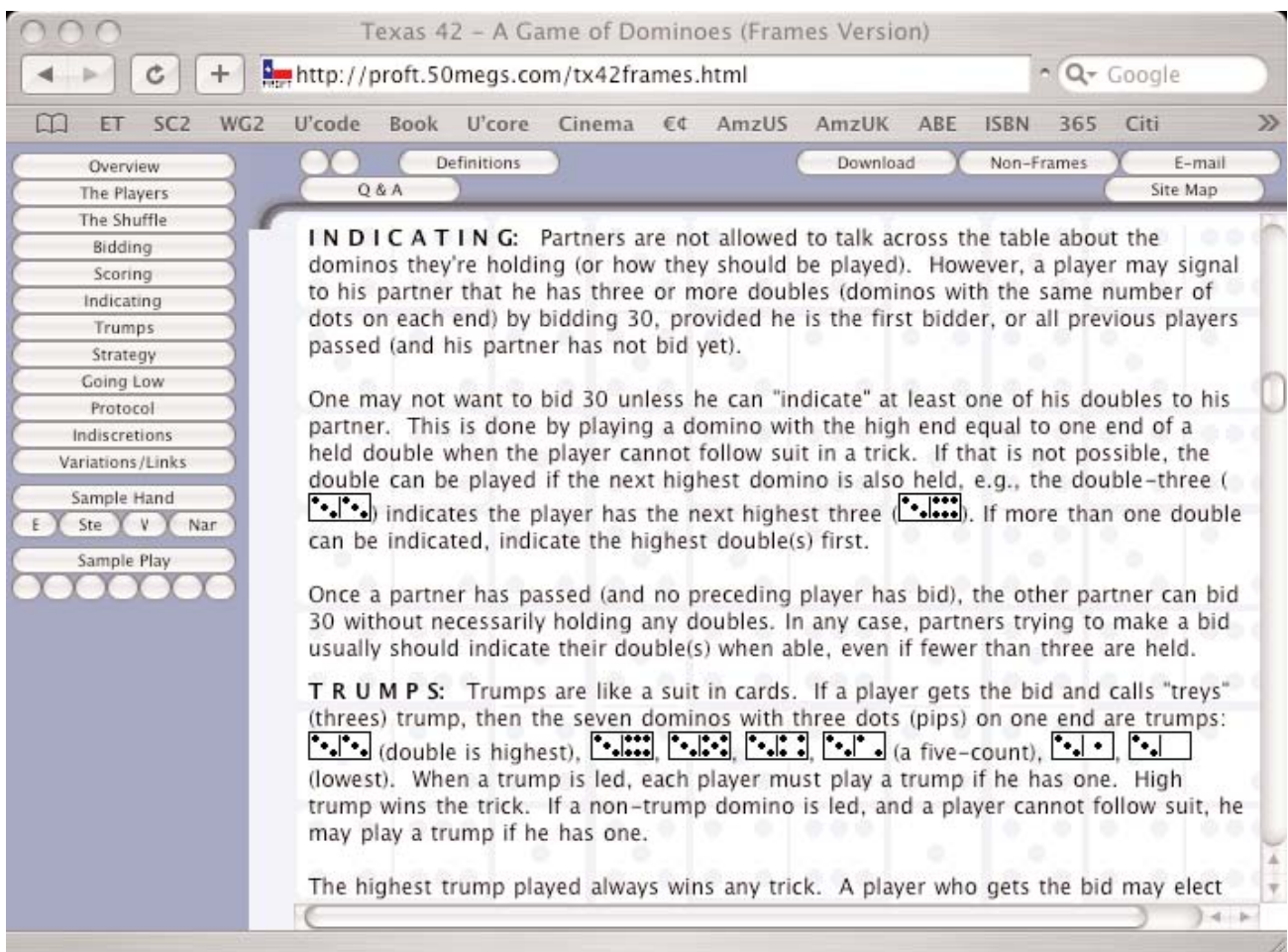


Figure 5. Part of the rules for the "Texas 42" dominoes game, from Paul Proft's web site.

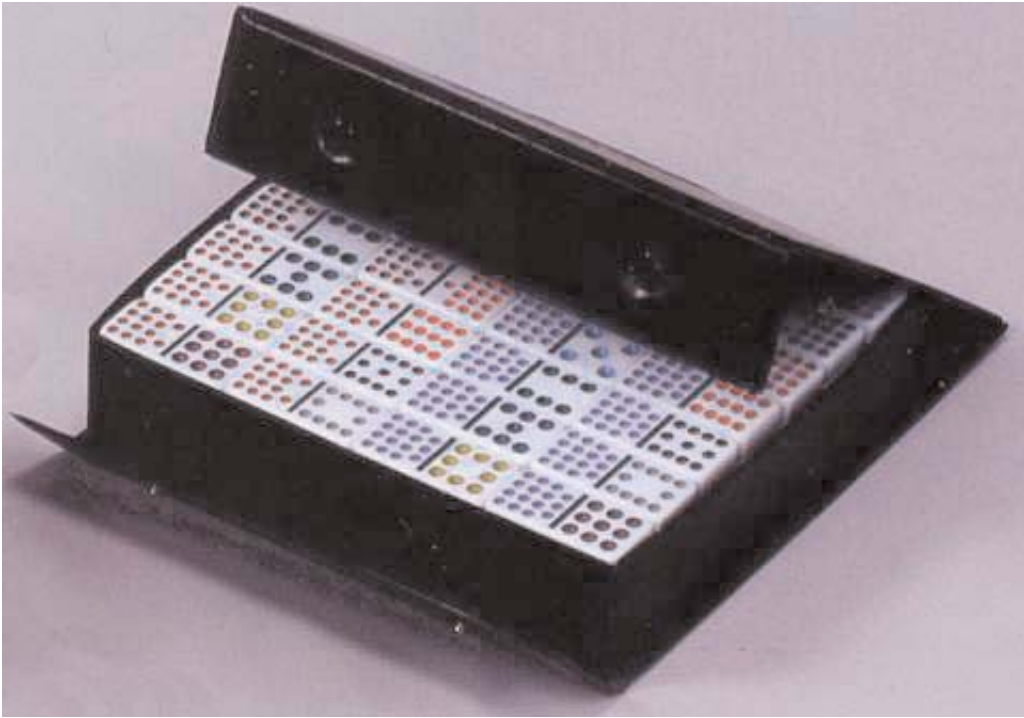

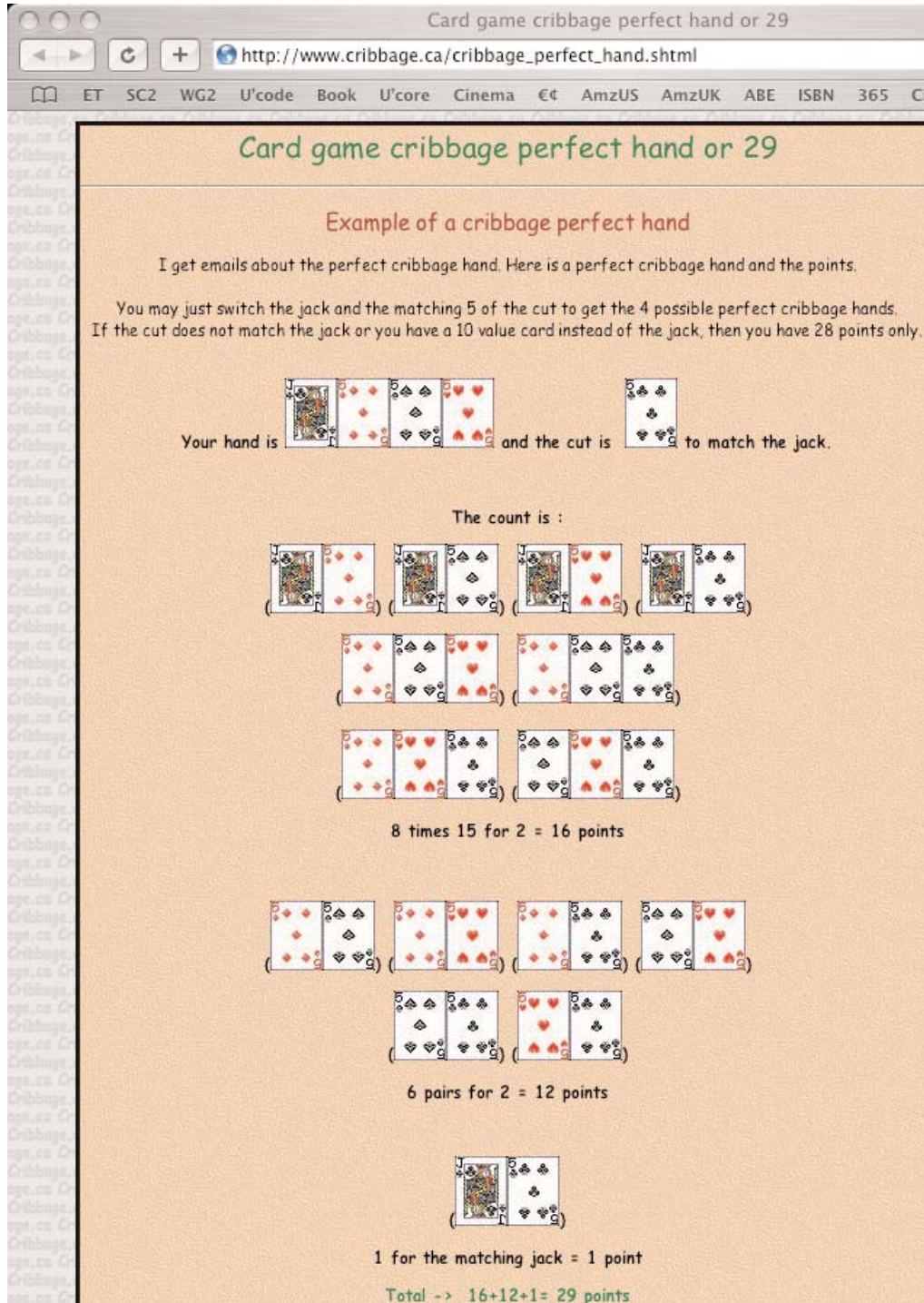


Figure 6. A set of double-fifteen dominoes.



Figure 7. A set of double-eighteen dominoes.

Playing card pips and draughts/checkers characters are also proposed in this Plane 1 “Game Symbols” block. It should be noted that the I *have* seen similar plain-text presentation in several printed books on card-playing but I was not able to acquire them to make scans of them for inclusion in this proposal. See Figure 11 for an example of the use of the card suits with Latin letters as distinct from the use of card pips. While K♥ (King of Hearts) means the same thing as does ♥K (Herzen König) or R♥ (Roi de Cœur), these sequences cannot be “equivalenced” to the card pip .





Card game cribbage perfect hand or 29


Example of a cribbage perfect hand

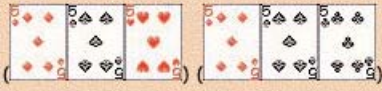
I get emails about the perfect cribbage hand. Here is a perfect cribbage hand and the points.


You may just switch the jack and the matching 5 of the cut to get the 4 possible perfect cribbage hands. If the cut does not match the jack or you have a 10 value card instead of the jack, then you have 28 points only.

Your hand is  and the cut is  to match the jack.


The count is :








8 times 15 for 2 = 16 points



6 pairs for 2 = 12 points



1 for the matching jack = 1 point

Total -> 16+12+1= 29 points

Figure 8. Example from a Canadian cribbage site (www.cribbage.ca), showing playing cards used in plain text, between words and between parentheses.



Figure 9. Example from a divination web site (www.angelfire.com/biz/cardreading/card_meanings.html), where playing card pips are used in text. This is the same kind of context as that which was attested for some of the recycling symbols which have been encoded.

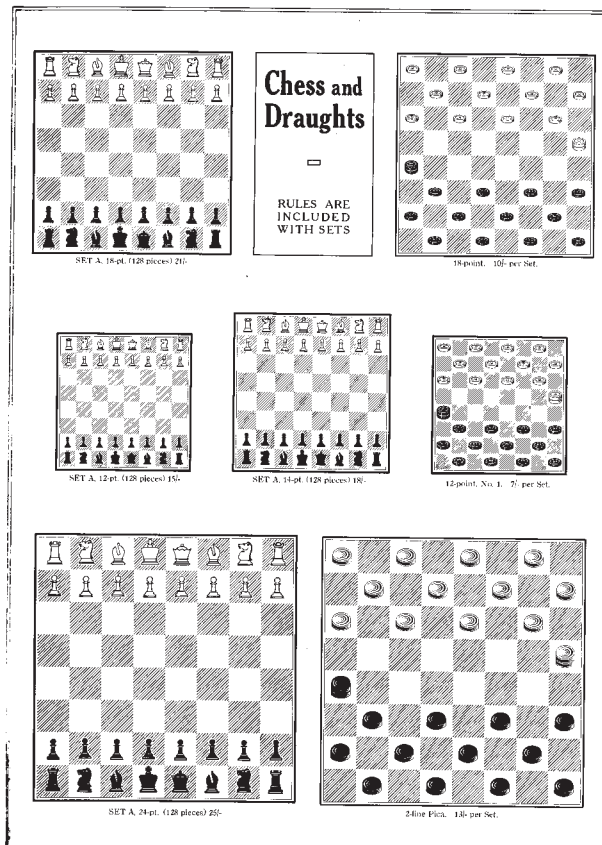


























Figure 10. Example from the H. W. Caslon & Co. Ltd.'s *Printing types and catalogue of materials* (London, [1925]), showing the draughts/checkers men and kings along with the chess pieces which have already been encoded..

TYPOGRAPHIC ACCESSORIES

CHESSMEN

16 Point Per font \$4 75











1	2	3	4	5	6	7	8	9	10	11	12
											
13	14	15	16	17	18	19	20	21	22	23	24
											

16 Point Chessmen makes board 11 2-3 ems square

24 Point Chessmen (board 17 ems square) Per font \$6 45 20 Point Chessmen (board 14 1-3 ems square) Per font \$6 45
(Prices include One Set of Brass Rules for Board)











CHECKERS

24 Point Per font \$4 75 20 Point Per font \$4 75

26	27	25	29	28	26	27	23	29	28
									

24 Point Checkers makes board 17 ems square 20 Point Checkers makes board 14 1-3 ems square

















































11 Point Per font \$3 00 16 Point Per font \$4 75

1	3	5	4	2	26	27	25	29	28
									

11 Point Checkers makes board 8 1-3 ems square 16 Point Checkers makes board 11 2-3 ems square
(Prices include One Set of Brass Rules for Board)

CARD PIPS, SERIES No. 2


36 Point body, 24 Point set Per font 52 pieces \$6 65 Single character 3 for 30c


CARD INDICATORS

SERIES No. 1


No. 82½ 2 for 30c




No. 83½ 2 for 30c



No. 84½ 2 for 30c




No. 85½ 2 for 30c




Set of four 50c


No. 918E 25c




No. 919E 25c



No. 920E 25c



No. 921E 25c



Set of four 75c

SERIES No. 2

24 Point Per font \$3 65

A ♣ J ♠ Q ♥

K ♦ 1 2 3 4 5

SERIES No. 3

10 Pt. Per font \$1 95

12 Pt. Per font \$1 95

Q ♦ K ♣ J ♥

2 3 4 5 6 7 8

Cast to order on 10 Point or 12 Point body

SERIES No. 4

6 Point No. 4 Per font \$3 50

Complete for two hands with rules, leads and spaces

3 ♠	A ♠	4 ♠	♣ 4
6 ♦	J ♦	K ♦	A ♦
7 ♦	9 ♦	2 ♦	Q ♦
♥ 9	♥ 10	5 ♦	10 ♦
♣ 2	♣ A	♣ 3	♣ 7
♥ 2	♥ J	♣ Q	♣ K
♥ 3	♥ 6	♥ A	♥ 4
2 ♠	♣ 5	K ♠	♥ 5
5 ♠	♣ 6	7 ♠	8 ♦
6 ♣	♣ 9	8 ♠	4 ♦
9 ♠	10 ♣	10 ♠	3 ♦
♥ Q	♥ K	J ♠	♣ 8
♥ 7	♥ 8	Q ♠	♥ J

WHIST MARKERS

18 Point Per lb. \$0 90








Figure 11. Example from the American Type Founders Company's *Specimen book and catalogue* (Jersey City, 1923), showing playing card pips and draughts/checkers men and kings. The card suits encoded in the Miscellaneous Symbols block (omitting U+2664 and U+2667) are also shown. The first whist marker can be mapped to U+2935 (assuming that the fletches are optional), but I am not sure if the others are encoded.

A. Administrative

1. Title

Proposal to encode domino tiles in the UCS.

2. Requester's name

Michael Everson

3. Requester type (Member body/Liaison/Individual contribution)

Individual contribution.

4. Submission date

2004-05-18

5. Requester's reference (if applicable)

6. Choose one of the following:

6a. This is a complete proposal

Yes.

6b. More information will be provided later

No.

B. Technical -- General

1. Choose one of the following:

1a. This proposal is for a new script (set of characters)

Yes.

Proposed name of script

A new block in Plane 1, "Game Symbols" U+1FC00-1FFFF is proposed.

1b. The proposal is for addition of character(s) to an existing block

1b. Name of the existing block

2. Number of characters in proposal

782

3. Proposed category (see section II, Character Categories)

Category A.

4a. Proposed Level of Implementation (1, 2 or 3) (see clause 14, ISO/IEC 10646-1: 2000)

Level 1.

4b. Is a rationale provided for the choice?

Yes.

4c. If YES, reference

Spacing characters.

5a. Is a repertoire including character names provided?

Yes.

5b. If YES, are the names in accordance with the character naming guidelines in Annex L of ISO/IEC 10646-1: 2000?

Yes.

5c. Are the character shapes attached in a legible form suitable for review?

Yes.

6a. Who will provide the appropriate computerized font (ordered preference: True Type, or PostScript format) for publishing the standard?

Michael Everson.

6b. If available now, identify source(s) for the font (include address, e-mail, ftp-site, etc.) and indicate the tools used:

Michael Everson, Fontographer.

7a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided?

No.

7b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached?

Yes.

8. Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc. (if yes please enclose information)?

No.

9. Submitters are invited to provide any additional information about Properties of the proposed Character(s) or Script that will assist in correct understanding of and correct linguistic processing of the proposed character(s) or script. Examples of such properties are: Casing information, Numeric information, Currency information, Display behaviour information such as line breaks, widths etc., Combining behaviour, Spacing behaviour, Directional behaviour, Default Collation behaviour, relevance in Mark Up contexts, Compatibility equivalence and other Unicode normalization related information. See the Unicode standard at <http://www.unicode.org> for such information on other scripts. Also see Unicode Character Database <http://www.unicode.org/Public/UNIDATA/UnicodeCharacterDatabase.html> and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.

The characters should have the same properties as the chess pieces.

C. Technical -- Justification

1. Has this proposal for addition of character(s) been submitted before? If YES, explain.

No.

2a. Has contact been made to members of the user community (for example: National Body, user groups of the script or characters, other experts, etc.)?

Yes.

2b. If YES, with whom?

Paul Profit and Teun Spaans (domino experts) have reviewed the proposal and have supported it.

2c. If YES, available relevant documents

In private e-mails, Profit said: "I can hardly wait to quit using domino images. Hopefully, later generation browsers will accommodate more Unicode character sets." Spaans noted that it was important to encode the larger sets as well as the double sixes.

3. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included?

Players of dominoes, cards, and draughts/checkers.

4a. The context of use for the proposed characters (type of use; common or rare)

Typesetting text with these characters is relatively rare.

4b. Reference

5a. Are the proposed characters in current use by the user community?

Yes.

5b. If YES, where?

Books and web sites about dominoes., playing cards, and draughts/checkers.

6a. After giving due considerations to the principles in Principles and Procedures document (a WG 2 standing document) must the proposed characters be entirely in the BMP?

No.

6b. If YES, is a rationale provided?

6c. If YES, reference

7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?

8a. Can any of the proposed characters be considered a presentation form of an existing character or character sequence?

No.

8b. If YES, is a rationale for its inclusion provided?

8c. If YES, reference

9a. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters?

No.

9b. If YES, is a rationale for its inclusion provided?

9c. If YES, reference

10a. Can any of the proposed character(s) be considered to be similar (in appearance or function) to an existing character?

No.

10b. If YES, is a rationale for its inclusion provided?

10c. If YES, reference

11a. Does the proposal include use of combining characters and/or use of composite sequences (see clauses 4.12 and 4.14 in ISO/IEC 10646-1: 2000)?

No.

11b. If YES, is a rationale for such use provided?

11c. If YES, reference

12a. Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided?

No.

12b. If YES, reference

13a. Does the proposal contain characters with any special properties such as control function or similar semantics?

No.

13b. If YES, describe in detail (include attachment if necessary)

14a. Does the proposal contain any Ideographic compatibility character(s)?

No.

14b. If YES, is the equivalent corresponding unified ideographic character(s) identified?

TABLE XX - Row 1FC: GAME SYMBOLS

	1FC0	1FC1	1FC2	1FC3	1FC4	1FC5	1FC6	1FC7
0								
1								
2								
3								
4								
5								
6								
7								
8								
9								
A								
B								
C								
D								
E								
F								

G = 00
P = 01

TABLE XX - Row 1FC: GAME SYMBOLS

hex	Name
00	DOMINO TILE HORIZONTAL BACK
01	DOMINO TILE HORIZONTAL-00-00
02	DOMINO TILE HORIZONTAL-00-01
03	DOMINO TILE HORIZONTAL-00-02
04	DOMINO TILE HORIZONTAL-00-03
05	DOMINO TILE HORIZONTAL-00-04
06	DOMINO TILE HORIZONTAL-00-05
07	DOMINO TILE HORIZONTAL-00-06
08	DOMINO TILE HORIZONTAL-01-00
09	DOMINO TILE HORIZONTAL-01-01
0A	DOMINO TILE HORIZONTAL-01-02
0B	DOMINO TILE HORIZONTAL-01-03
0C	DOMINO TILE HORIZONTAL-01-04
0D	DOMINO TILE HORIZONTAL-01-05
0E	DOMINO TILE HORIZONTAL-01-06
0F	DOMINO TILE HORIZONTAL-02-00
10	DOMINO TILE HORIZONTAL-02-01
11	DOMINO TILE HORIZONTAL-02-02
12	DOMINO TILE HORIZONTAL-02-03
13	DOMINO TILE HORIZONTAL-02-04
14	DOMINO TILE HORIZONTAL-02-05
15	DOMINO TILE HORIZONTAL-02-06
16	DOMINO TILE HORIZONTAL-03-00
17	DOMINO TILE HORIZONTAL-03-01
18	DOMINO TILE HORIZONTAL-03-02
19	DOMINO TILE HORIZONTAL-03-03
1A	DOMINO TILE HORIZONTAL-03-04
1B	DOMINO TILE HORIZONTAL-03-05
1C	DOMINO TILE HORIZONTAL-03-06
1D	DOMINO TILE HORIZONTAL-04-00
1E	DOMINO TILE HORIZONTAL-04-01
1F	DOMINO TILE HORIZONTAL-04-02
20	DOMINO TILE HORIZONTAL-04-03
21	DOMINO TILE HORIZONTAL-04-04
22	DOMINO TILE HORIZONTAL-04-05
23	DOMINO TILE HORIZONTAL-04-06
24	DOMINO TILE HORIZONTAL-05-00
25	DOMINO TILE HORIZONTAL-05-01
26	DOMINO TILE HORIZONTAL-05-02
27	DOMINO TILE HORIZONTAL-05-03
28	DOMINO TILE HORIZONTAL-05-04
29	DOMINO TILE HORIZONTAL-05-05
2A	DOMINO TILE HORIZONTAL-05-06
2B	DOMINO TILE HORIZONTAL-06-00
2C	DOMINO TILE HORIZONTAL-06-01
2D	DOMINO TILE HORIZONTAL-06-02
2E	DOMINO TILE HORIZONTAL-06-03
2F	DOMINO TILE HORIZONTAL-06-04
30	DOMINO TILE HORIZONTAL-06-05
31	DOMINO TILE HORIZONTAL-06-06
32	DOMINO TILE VERTICAL BACK
33	DOMINO TILE VERTICAL-00-00
34	DOMINO TILE VERTICAL-00-01
35	DOMINO TILE VERTICAL-00-02
36	DOMINO TILE VERTICAL-00-03
37	DOMINO TILE VERTICAL-00-04
38	DOMINO TILE VERTICAL-00-05
39	DOMINO TILE VERTICAL-00-06
3A	DOMINO TILE VERTICAL-01-00
3B	DOMINO TILE VERTICAL-01-01
3C	DOMINO TILE VERTICAL-01-02
3D	DOMINO TILE VERTICAL-01-03
3E	DOMINO TILE VERTICAL-01-04
3F	DOMINO TILE VERTICAL-01-05
40	DOMINO TILE VERTICAL-01-06
41	DOMINO TILE VERTICAL-02-00
42	DOMINO TILE VERTICAL-02-01
43	DOMINO TILE VERTICAL-02-02
44	DOMINO TILE VERTICAL-02-03
45	DOMINO TILE VERTICAL-02-04
46	DOMINO TILE VERTICAL-02-05
47	DOMINO TILE VERTICAL-02-06
48	DOMINO TILE VERTICAL-03-00
49	DOMINO TILE VERTICAL-03-01
4A	DOMINO TILE VERTICAL-03-02
4B	DOMINO TILE VERTICAL-03-03
4C	DOMINO TILE VERTICAL-03-04
4D	DOMINO TILE VERTICAL-03-05
4E	DOMINO TILE VERTICAL-03-06
4F	DOMINO TILE VERTICAL-04-00
50	DOMINO TILE VERTICAL-04-01
51	DOMINO TILE VERTICAL-04-02
52	DOMINO TILE VERTICAL-04-03
53	DOMINO TILE VERTICAL-04-04
54	DOMINO TILE VERTICAL-04-05
55	DOMINO TILE VERTICAL-04-06
56	DOMINO TILE VERTICAL-05-00
57	DOMINO TILE VERTICAL-05-01
58	DOMINO TILE VERTICAL-05-02

Group 00

hex	Name
59	DOMINO TILE VERTICAL-05-03
5A	DOMINO TILE VERTICAL-05-04
5B	DOMINO TILE VERTICAL-05-05
5C	DOMINO TILE VERTICAL-05-06
5D	DOMINO TILE VERTICAL-06-00
5E	DOMINO TILE VERTICAL-06-01
5F	DOMINO TILE VERTICAL-06-02
60	DOMINO TILE VERTICAL-06-03
61	DOMINO TILE VERTICAL-06-04
62	DOMINO TILE VERTICAL-06-05
63	DOMINO TILE VERTICAL-06-06
64	DOMINO TILE HORIZONTAL-00-07
65	DOMINO TILE HORIZONTAL-00-08
66	DOMINO TILE HORIZONTAL-00-09
67	DOMINO TILE HORIZONTAL-01-07
68	DOMINO TILE HORIZONTAL-01-08
69	DOMINO TILE HORIZONTAL-01-09
6A	DOMINO TILE HORIZONTAL-02-07
6B	DOMINO TILE HORIZONTAL-02-08
6C	DOMINO TILE HORIZONTAL-02-09
6D	DOMINO TILE HORIZONTAL-03-07
6E	DOMINO TILE HORIZONTAL-03-08
6F	DOMINO TILE HORIZONTAL-03-09
70	DOMINO TILE HORIZONTAL-04-07
71	DOMINO TILE HORIZONTAL-04-08
72	DOMINO TILE HORIZONTAL-04-09
73	DOMINO TILE HORIZONTAL-05-07
74	DOMINO TILE HORIZONTAL-05-08
75	DOMINO TILE HORIZONTAL-05-09
76	DOMINO TILE HORIZONTAL-06-07
77	DOMINO TILE HORIZONTAL-06-08
78	DOMINO TILE HORIZONTAL-06-09
79	DOMINO TILE HORIZONTAL-07-00
7A	DOMINO TILE HORIZONTAL-07-01
7B	DOMINO TILE HORIZONTAL-07-02
7C	DOMINO TILE HORIZONTAL-07-03
7D	DOMINO TILE HORIZONTAL-07-04
7E	DOMINO TILE HORIZONTAL-07-05
7F	DOMINO TILE HORIZONTAL-07-06

Plane 01

Row 1FC

TABLE XX - Row 1FC: GAME SYMBOLS

	1FC8	1FC9	1FCA	1FCB	1FCC	1FCD	1FCE	1FCF
0								
1								
2								
3								
4								
5								
6								
7								
8								
9								
A								
B								
C								
D								
E								
F								

G = 00
P = 01

TABLE XX - Row 1FC: GAME SYMBOLS

hex	Name
80	DOMINO TILE HORIZONTAL-07-07
81	DOMINO TILE HORIZONTAL-07-08
82	DOMINO TILE HORIZONTAL-07-09
83	DOMINO TILE HORIZONTAL-08-00
84	DOMINO TILE HORIZONTAL-08-01
85	DOMINO TILE HORIZONTAL-08-02
86	DOMINO TILE HORIZONTAL-08-03
87	DOMINO TILE HORIZONTAL-08-04
88	DOMINO TILE HORIZONTAL-08-05
89	DOMINO TILE HORIZONTAL-08-06
8A	DOMINO TILE HORIZONTAL-08-07
8B	DOMINO TILE HORIZONTAL-08-08
8C	DOMINO TILE HORIZONTAL-08-09
8D	DOMINO TILE HORIZONTAL-09-00
8E	DOMINO TILE HORIZONTAL-09-01
8F	DOMINO TILE HORIZONTAL-09-02
90	DOMINO TILE HORIZONTAL-09-03
91	DOMINO TILE HORIZONTAL-09-04
92	DOMINO TILE HORIZONTAL-09-05
93	DOMINO TILE HORIZONTAL-09-06
94	DOMINO TILE HORIZONTAL-09-07
95	DOMINO TILE HORIZONTAL-09-08
96	DOMINO TILE HORIZONTAL-09-09
97	DOMINO TILE VERTICAL-00-07
98	DOMINO TILE VERTICAL-00-08
99	DOMINO TILE VERTICAL-00-09
9A	DOMINO TILE VERTICAL-01-07
9B	DOMINO TILE VERTICAL-01-08
9C	DOMINO TILE VERTICAL-01-09
9D	DOMINO TILE VERTICAL-02-07
9E	DOMINO TILE VERTICAL-02-08
9F	DOMINO TILE VERTICAL-02-09
A0	DOMINO TILE VERTICAL-03-07
A1	DOMINO TILE VERTICAL-03-08
A2	DOMINO TILE VERTICAL-03-09
A3	DOMINO TILE VERTICAL-04-07
A4	DOMINO TILE VERTICAL-04-08
A5	DOMINO TILE VERTICAL-04-09
A6	DOMINO TILE VERTICAL-05-07
A7	DOMINO TILE VERTICAL-05-08
A8	DOMINO TILE VERTICAL-05-09
A9	DOMINO TILE VERTICAL-06-07
AA	DOMINO TILE VERTICAL-06-08
AB	DOMINO TILE VERTICAL-06-09
AC	DOMINO TILE VERTICAL-07-00
AD	DOMINO TILE VERTICAL-07-01
AE	DOMINO TILE VERTICAL-07-02
AF	DOMINO TILE VERTICAL-07-03
B0	DOMINO TILE VERTICAL-07-04
B1	DOMINO TILE VERTICAL-07-05
B2	DOMINO TILE VERTICAL-07-06
B3	DOMINO TILE VERTICAL-07-07
B4	DOMINO TILE VERTICAL-07-08
B5	DOMINO TILE VERTICAL-07-09
B6	DOMINO TILE VERTICAL-08-00
B7	DOMINO TILE VERTICAL-08-01
B8	DOMINO TILE VERTICAL-08-02
B9	DOMINO TILE VERTICAL-08-03
BA	DOMINO TILE VERTICAL-08-04
BB	DOMINO TILE VERTICAL-08-05
BC	DOMINO TILE VERTICAL-08-06
BD	DOMINO TILE VERTICAL-08-07
BE	DOMINO TILE VERTICAL-08-08
BF	DOMINO TILE VERTICAL-08-09
C0	DOMINO TILE VERTICAL-09-00
C1	DOMINO TILE VERTICAL-09-01
C2	DOMINO TILE VERTICAL-09-02
C3	DOMINO TILE VERTICAL-09-03
C4	DOMINO TILE VERTICAL-09-04
C5	DOMINO TILE VERTICAL-09-05
C6	DOMINO TILE VERTICAL-09-06
C7	DOMINO TILE VERTICAL-09-07
C8	DOMINO TILE VERTICAL-09-08
C9	DOMINO TILE VERTICAL-09-09
CA	DOMINO TILE HORIZONTAL-00-10
CB	DOMINO TILE HORIZONTAL-00-11
CC	DOMINO TILE HORIZONTAL-00-12
CD	DOMINO TILE HORIZONTAL-01-10
CE	DOMINO TILE HORIZONTAL-01-11
CF	DOMINO TILE HORIZONTAL-01-12
D0	DOMINO TILE HORIZONTAL-02-10
D1	DOMINO TILE HORIZONTAL-02-11
D2	DOMINO TILE HORIZONTAL-02-12
D3	DOMINO TILE HORIZONTAL-03-10
D4	DOMINO TILE HORIZONTAL-03-11
D5	DOMINO TILE HORIZONTAL-03-12
D6	DOMINO TILE HORIZONTAL-04-10
D7	DOMINO TILE HORIZONTAL-04-11
D8	DOMINO TILE HORIZONTAL-04-12

Group 00

hex	Name
D9	DOMINO TILE HORIZONTAL-05-10
DA	DOMINO TILE HORIZONTAL-05-11
DB	DOMINO TILE HORIZONTAL-05-12
DC	DOMINO TILE HORIZONTAL-06-10
DD	DOMINO TILE HORIZONTAL-06-11
DE	DOMINO TILE HORIZONTAL-06-12
DF	DOMINO TILE HORIZONTAL-07-10
E0	DOMINO TILE HORIZONTAL-07-11
E1	DOMINO TILE HORIZONTAL-07-12
E2	DOMINO TILE HORIZONTAL-08-10
E3	DOMINO TILE HORIZONTAL-08-11
E4	DOMINO TILE HORIZONTAL-08-12
E5	DOMINO TILE HORIZONTAL-09-10
E6	DOMINO TILE HORIZONTAL-09-11
E7	DOMINO TILE HORIZONTAL-09-12
E8	DOMINO TILE HORIZONTAL-10-00
E9	DOMINO TILE HORIZONTAL-10-01
EA	DOMINO TILE HORIZONTAL-10-02
EB	DOMINO TILE HORIZONTAL-10-03
EC	DOMINO TILE HORIZONTAL-10-04
ED	DOMINO TILE HORIZONTAL-10-05
EE	DOMINO TILE HORIZONTAL-10-06
EF	DOMINO TILE HORIZONTAL-10-07
F0	DOMINO TILE HORIZONTAL-10-08
F1	DOMINO TILE HORIZONTAL-10-09
F2	DOMINO TILE HORIZONTAL-10-10
F3	DOMINO TILE HORIZONTAL-10-11
F4	DOMINO TILE HORIZONTAL-10-12
F5	DOMINO TILE HORIZONTAL-11-00
F6	DOMINO TILE HORIZONTAL-11-01
F7	DOMINO TILE HORIZONTAL-11-02
F8	DOMINO TILE HORIZONTAL-11-03
F9	DOMINO TILE HORIZONTAL-11-04
FA	DOMINO TILE HORIZONTAL-11-05
FB	DOMINO TILE HORIZONTAL-11-06
FC	DOMINO TILE HORIZONTAL-11-07
FD	DOMINO TILE HORIZONTAL-11-08
FE	DOMINO TILE HORIZONTAL-11-09
FF	DOMINO TILE HORIZONTAL-11-10

Plane 01

Row F0

TABLE XX - Row 1FD: GAME SYMBOLS

	1FD0	1FD1	1FD2	1FD3	1FD4	1FD5	1FD6	1FD7
0								
1								
2								
3								
4								
5								
6								
7								
8								
9								
A								
B								
C								
D								
E								
F								

G = 00
P = 01

TABLE XX - Row 1FD: GAME SYMBOLS

hex	Name
00	DOMINO TILE HORIZONTAL-11-11
01	DOMINO TILE HORIZONTAL-11-12
02	DOMINO TILE HORIZONTAL-12-00
03	DOMINO TILE HORIZONTAL-12-01
04	DOMINO TILE HORIZONTAL-12-02
05	DOMINO TILE HORIZONTAL-12-03
06	DOMINO TILE HORIZONTAL-12-04
07	DOMINO TILE HORIZONTAL-12-05
08	DOMINO TILE HORIZONTAL-12-06
09	DOMINO TILE HORIZONTAL-12-07
0A	DOMINO TILE HORIZONTAL-12-08
0B	DOMINO TILE HORIZONTAL-12-09
0C	DOMINO TILE HORIZONTAL-12-10
0D	DOMINO TILE HORIZONTAL-12-11
0E	DOMINO TILE HORIZONTAL-12-12
0F	DOMINO TILE VERTICAL-00-10
10	DOMINO TILE VERTICAL-00-11
11	DOMINO TILE VERTICAL-00-12
12	DOMINO TILE VERTICAL-01-10
13	DOMINO TILE VERTICAL-01-11
14	DOMINO TILE VERTICAL-01-12
15	DOMINO TILE VERTICAL-02-10
16	DOMINO TILE VERTICAL-02-11
17	DOMINO TILE VERTICAL-02-12
18	DOMINO TILE VERTICAL-03-10
19	DOMINO TILE VERTICAL-03-11
1A	DOMINO TILE VERTICAL-03-12
1B	DOMINO TILE VERTICAL-04-10
1C	DOMINO TILE VERTICAL-04-11
1D	DOMINO TILE VERTICAL-04-12
1E	DOMINO TILE VERTICAL-05-10
1F	DOMINO TILE VERTICAL-05-11
20	DOMINO TILE VERTICAL-05-12
21	DOMINO TILE VERTICAL-06-10
22	DOMINO TILE VERTICAL-06-11
23	DOMINO TILE VERTICAL-06-12
24	DOMINO TILE VERTICAL-07-10
25	DOMINO TILE VERTICAL-07-11
26	DOMINO TILE VERTICAL-07-12
27	DOMINO TILE VERTICAL-08-10
28	DOMINO TILE VERTICAL-08-11
29	DOMINO TILE VERTICAL-08-12
2A	DOMINO TILE VERTICAL-09-10
2B	DOMINO TILE VERTICAL-09-11
2C	DOMINO TILE VERTICAL-09-12
2D	DOMINO TILE VERTICAL-10-00
2E	DOMINO TILE VERTICAL-10-01
2F	DOMINO TILE VERTICAL-10-02
30	DOMINO TILE VERTICAL-10-03
31	DOMINO TILE VERTICAL-10-04
32	DOMINO TILE VERTICAL-10-05
33	DOMINO TILE VERTICAL-10-06
34	DOMINO TILE VERTICAL-10-07
35	DOMINO TILE VERTICAL-10-08
36	DOMINO TILE VERTICAL-10-09
37	DOMINO TILE VERTICAL-10-10
38	DOMINO TILE VERTICAL-10-11
39	DOMINO TILE VERTICAL-10-12
3A	DOMINO TILE VERTICAL-11-00
3B	DOMINO TILE VERTICAL-11-01
3C	DOMINO TILE VERTICAL-11-02
3D	DOMINO TILE VERTICAL-11-03
3E	DOMINO TILE VERTICAL-11-04
3F	DOMINO TILE VERTICAL-11-05
40	DOMINO TILE VERTICAL-11-06
41	DOMINO TILE VERTICAL-11-07
42	DOMINO TILE VERTICAL-11-08
43	DOMINO TILE VERTICAL-11-09
44	DOMINO TILE VERTICAL-11-10
45	DOMINO TILE VERTICAL-11-11
46	DOMINO TILE VERTICAL-11-12
47	DOMINO TILE VERTICAL-12-00
48	DOMINO TILE VERTICAL-12-01
49	DOMINO TILE VERTICAL-12-02
4A	DOMINO TILE VERTICAL-12-03
4B	DOMINO TILE VERTICAL-12-04
4C	DOMINO TILE VERTICAL-12-05
4D	DOMINO TILE VERTICAL-12-06
4E	DOMINO TILE VERTICAL-12-07
4F	DOMINO TILE VERTICAL-12-08
50	DOMINO TILE VERTICAL-12-09
51	DOMINO TILE VERTICAL-12-10
52	DOMINO TILE VERTICAL-12-11
53	DOMINO TILE VERTICAL-12-12
54	DOMINO TILE HORIZONTAL-00-13
55	DOMINO TILE HORIZONTAL-00-14
56	DOMINO TILE HORIZONTAL-00-15
57	DOMINO TILE HORIZONTAL-01-13
58	DOMINO TILE HORIZONTAL-01-14

Group 00

hex	Name
59	DOMINO TILE HORIZONTAL-01-15
5A	DOMINO TILE HORIZONTAL-02-13
5B	DOMINO TILE HORIZONTAL-02-14
5C	DOMINO TILE HORIZONTAL-02-15
5D	DOMINO TILE HORIZONTAL-03-13
5E	DOMINO TILE HORIZONTAL-03-14
5F	DOMINO TILE HORIZONTAL-03-15
60	DOMINO TILE HORIZONTAL-04-13
61	DOMINO TILE HORIZONTAL-04-14
62	DOMINO TILE HORIZONTAL-04-15
63	DOMINO TILE HORIZONTAL-05-13
64	DOMINO TILE HORIZONTAL-05-14
65	DOMINO TILE HORIZONTAL-05-15
66	DOMINO TILE HORIZONTAL-06-13
67	DOMINO TILE HORIZONTAL-06-14
68	DOMINO TILE HORIZONTAL-06-15
69	DOMINO TILE HORIZONTAL-07-13
6A	DOMINO TILE HORIZONTAL-07-14
6B	DOMINO TILE HORIZONTAL-07-15
6C	DOMINO TILE HORIZONTAL-08-13
6D	DOMINO TILE HORIZONTAL-08-14
6E	DOMINO TILE HORIZONTAL-08-15
6F	DOMINO TILE HORIZONTAL-09-13
70	DOMINO TILE HORIZONTAL-09-14
71	DOMINO TILE HORIZONTAL-09-15
72	DOMINO TILE HORIZONTAL-10-13
73	DOMINO TILE HORIZONTAL-10-14
74	DOMINO TILE HORIZONTAL-10-15
75	DOMINO TILE HORIZONTAL-11-13
76	DOMINO TILE HORIZONTAL-11-14
77	DOMINO TILE HORIZONTAL-11-15
78	DOMINO TILE HORIZONTAL-12-13
79	DOMINO TILE HORIZONTAL-12-14
7A	DOMINO TILE HORIZONTAL-12-15
7B	DOMINO TILE HORIZONTAL-13-00
7C	DOMINO TILE HORIZONTAL-13-01
7D	DOMINO TILE HORIZONTAL-13-02
7E	DOMINO TILE HORIZONTAL-13-03
7F	DOMINO TILE HORIZONTAL-13-04

Plane 01

Row 1FD

TABLE XX - Row 1FD: GAME SYMBOLS

	1FD8	1FD9	1FDA	1FDB	1FDC	1FDD	1FDE	1FDF
0								
1								
2								
3								
4								
5								
6								
7								
8								
9								
A								
B								
C								
D								
E								
F								

G = 00
P = 01

TABLE XX - Row 1FD: GAME SYMBOLS

hex	Name
80	DOMINO TILE HORIZONTAL-13-05
81	DOMINO TILE HORIZONTAL-13-06
82	DOMINO TILE HORIZONTAL-13-07
83	DOMINO TILE HORIZONTAL-13-08
84	DOMINO TILE HORIZONTAL-13-09
85	DOMINO TILE HORIZONTAL-13-10
86	DOMINO TILE HORIZONTAL-13-11
87	DOMINO TILE HORIZONTAL-13-12
88	DOMINO TILE HORIZONTAL-13-13
89	DOMINO TILE HORIZONTAL-13-14
8A	DOMINO TILE HORIZONTAL-13-15
8B	DOMINO TILE HORIZONTAL-14-00
8C	DOMINO TILE HORIZONTAL-14-01
8D	DOMINO TILE HORIZONTAL-14-02
8E	DOMINO TILE HORIZONTAL-14-03
8F	DOMINO TILE HORIZONTAL-14-04
90	DOMINO TILE HORIZONTAL-14-05
91	DOMINO TILE HORIZONTAL-14-06
92	DOMINO TILE HORIZONTAL-14-07
93	DOMINO TILE HORIZONTAL-14-08
94	DOMINO TILE HORIZONTAL-14-09
95	DOMINO TILE HORIZONTAL-14-10
96	DOMINO TILE HORIZONTAL-14-11
97	DOMINO TILE HORIZONTAL-14-12
98	DOMINO TILE HORIZONTAL-14-13
99	DOMINO TILE HORIZONTAL-14-14
9A	DOMINO TILE HORIZONTAL-14-15
9B	DOMINO TILE HORIZONTAL-15-00
9C	DOMINO TILE HORIZONTAL-15-01
9D	DOMINO TILE HORIZONTAL-15-02
9E	DOMINO TILE HORIZONTAL-15-03
9F	DOMINO TILE HORIZONTAL-15-04
A0	DOMINO TILE HORIZONTAL-15-05
A1	DOMINO TILE HORIZONTAL-15-06
A2	DOMINO TILE HORIZONTAL-15-07
A3	DOMINO TILE HORIZONTAL-15-08
A4	DOMINO TILE HORIZONTAL-15-09
A5	DOMINO TILE HORIZONTAL-15-10
A6	DOMINO TILE HORIZONTAL-15-11
A7	DOMINO TILE HORIZONTAL-15-12
A8	DOMINO TILE HORIZONTAL-15-13
A9	DOMINO TILE HORIZONTAL-15-14
AA	DOMINO TILE HORIZONTAL-15-15
AB	DOMINO TILE VERTICAL-00-13
AC	DOMINO TILE VERTICAL-00-14
AD	DOMINO TILE VERTICAL-00-15
AE	DOMINO TILE VERTICAL-01-13
AF	DOMINO TILE VERTICAL-01-14
B0	DOMINO TILE VERTICAL-01-15
B1	DOMINO TILE VERTICAL-02-13
B2	DOMINO TILE VERTICAL-02-14
B3	DOMINO TILE VERTICAL-02-15
B4	DOMINO TILE VERTICAL-03-13
B5	DOMINO TILE VERTICAL-03-14
B6	DOMINO TILE VERTICAL-03-15
B7	DOMINO TILE VERTICAL-04-13
B8	DOMINO TILE VERTICAL-04-14
B9	DOMINO TILE VERTICAL-04-15
BA	DOMINO TILE VERTICAL-05-13
BB	DOMINO TILE VERTICAL-05-14
BC	DOMINO TILE VERTICAL-05-15
BD	DOMINO TILE VERTICAL-06-13
BE	DOMINO TILE VERTICAL-06-14
BF	DOMINO TILE VERTICAL-06-15
C0	DOMINO TILE VERTICAL-07-13
C1	DOMINO TILE VERTICAL-07-14
C2	DOMINO TILE VERTICAL-07-15
C3	DOMINO TILE VERTICAL-08-13
C4	DOMINO TILE VERTICAL-08-14
C5	DOMINO TILE VERTICAL-08-15
C6	DOMINO TILE VERTICAL-09-13
C7	DOMINO TILE VERTICAL-09-14
C8	DOMINO TILE VERTICAL-09-15
C9	DOMINO TILE VERTICAL-10-13
CA	DOMINO TILE VERTICAL-10-14
CB	DOMINO TILE VERTICAL-10-15
CC	DOMINO TILE VERTICAL-11-13
CD	DOMINO TILE VERTICAL-11-14
CE	DOMINO TILE VERTICAL-11-15
CF	DOMINO TILE VERTICAL-12-13
D0	DOMINO TILE VERTICAL-12-14
D1	DOMINO TILE VERTICAL-12-15
D2	DOMINO TILE VERTICAL-13-00
D3	DOMINO TILE VERTICAL-13-01
D4	DOMINO TILE VERTICAL-13-02
D5	DOMINO TILE VERTICAL-13-03
D6	DOMINO TILE VERTICAL-13-04
D7	DOMINO TILE VERTICAL-13-05
D8	DOMINO TILE VERTICAL-13-06

Group 00

hex	Name
D9	DOMINO TILE VERTICAL-13-07
DA	DOMINO TILE VERTICAL-13-08
DB	DOMINO TILE VERTICAL-13-09
DC	DOMINO TILE VERTICAL-13-10
DD	DOMINO TILE VERTICAL-13-11
DE	DOMINO TILE VERTICAL-13-12
DF	DOMINO TILE VERTICAL-13-13
E0	DOMINO TILE VERTICAL-13-14
E1	DOMINO TILE VERTICAL-13-15
E2	DOMINO TILE VERTICAL-14-00
E3	DOMINO TILE VERTICAL-14-01
E4	DOMINO TILE VERTICAL-14-02
E5	DOMINO TILE VERTICAL-14-03
E6	DOMINO TILE VERTICAL-14-04
E7	DOMINO TILE VERTICAL-14-05
E8	DOMINO TILE VERTICAL-14-06
E9	DOMINO TILE VERTICAL-14-07
EA	DOMINO TILE VERTICAL-14-08
EB	DOMINO TILE VERTICAL-14-09
EC	DOMINO TILE VERTICAL-14-10
ED	DOMINO TILE VERTICAL-14-11
EE	DOMINO TILE VERTICAL-14-12
EF	DOMINO TILE VERTICAL-14-13
F0	DOMINO TILE VERTICAL-14-14
F1	DOMINO TILE VERTICAL-14-15
F2	DOMINO TILE VERTICAL-15-00
F3	DOMINO TILE VERTICAL-15-01
F4	DOMINO TILE VERTICAL-15-02
F5	DOMINO TILE VERTICAL-15-03
F6	DOMINO TILE VERTICAL-15-04
F7	DOMINO TILE VERTICAL-15-05
F8	DOMINO TILE VERTICAL-15-06
F9	DOMINO TILE VERTICAL-15-07
FA	DOMINO TILE VERTICAL-15-08
FB	DOMINO TILE VERTICAL-15-09
FC	DOMINO TILE VERTICAL-15-10
FD	DOMINO TILE VERTICAL-15-11
FE	DOMINO TILE VERTICAL-15-12
FF	DOMINO TILE VERTICAL-15-13

Plane 01

Row 1FD

TABLE XX - Row 1FE: GAME SYMBOLS

	1FE0	1FE1	1FE2	1FE3	1FE4	1FE5	1FE6	1FE7
0								
1								
2								
3								
4								
5								
6								
7								
8								
9								
A								
B								
C								
D								
E								
F								

G = 00
P = 01

TABLE XX - Row 1FE: GAME SYMBOLS

hex	Name
00	DOMINO TILE VERTICAL-15-14
01	DOMINO TILE VERTICAL-15-15
02	DOMINO TILE HORIZONTAL-00-16
03	DOMINO TILE HORIZONTAL-00-17
04	DOMINO TILE HORIZONTAL-00-18
05	DOMINO TILE HORIZONTAL-01-16
06	DOMINO TILE HORIZONTAL-01-17
07	DOMINO TILE HORIZONTAL-01-18
08	DOMINO TILE HORIZONTAL-02-16
09	DOMINO TILE HORIZONTAL-02-17
0A	DOMINO TILE HORIZONTAL-02-18
0B	DOMINO TILE HORIZONTAL-03-16
0C	DOMINO TILE HORIZONTAL-03-17
0D	DOMINO TILE HORIZONTAL-03-18
0E	DOMINO TILE HORIZONTAL-04-16
0F	DOMINO TILE HORIZONTAL-04-17
10	DOMINO TILE HORIZONTAL-04-18
11	DOMINO TILE HORIZONTAL-05-16
12	DOMINO TILE HORIZONTAL-05-17
13	DOMINO TILE HORIZONTAL-05-18
14	DOMINO TILE HORIZONTAL-06-16
15	DOMINO TILE HORIZONTAL-06-17
16	DOMINO TILE HORIZONTAL-06-18
17	DOMINO TILE HORIZONTAL-07-16
18	DOMINO TILE HORIZONTAL-07-17
19	DOMINO TILE HORIZONTAL-07-18
1A	DOMINO TILE HORIZONTAL-08-16
1B	DOMINO TILE HORIZONTAL-08-17
1C	DOMINO TILE HORIZONTAL-08-18
1D	DOMINO TILE HORIZONTAL-09-16
1E	DOMINO TILE HORIZONTAL-09-17
1F	DOMINO TILE HORIZONTAL-09-18
20	DOMINO TILE HORIZONTAL-10-16
21	DOMINO TILE HORIZONTAL-10-17
22	DOMINO TILE HORIZONTAL-10-18
23	DOMINO TILE HORIZONTAL-11-16
24	DOMINO TILE HORIZONTAL-11-17
25	DOMINO TILE HORIZONTAL-11-18
26	DOMINO TILE HORIZONTAL-12-16
27	DOMINO TILE HORIZONTAL-12-17
28	DOMINO TILE HORIZONTAL-12-18
29	DOMINO TILE HORIZONTAL-13-16
2A	DOMINO TILE HORIZONTAL-13-17
2B	DOMINO TILE HORIZONTAL-13-18
2C	DOMINO TILE HORIZONTAL-14-16
2D	DOMINO TILE HORIZONTAL-14-17
2E	DOMINO TILE HORIZONTAL-14-18
2F	DOMINO TILE HORIZONTAL-15-16
30	DOMINO TILE HORIZONTAL-15-17
31	DOMINO TILE HORIZONTAL-15-18
32	DOMINO TILE HORIZONTAL-16-00
33	DOMINO TILE HORIZONTAL-16-01
34	DOMINO TILE HORIZONTAL-16-02
35	DOMINO TILE HORIZONTAL-16-03
36	DOMINO TILE HORIZONTAL-16-04
37	DOMINO TILE HORIZONTAL-16-05
38	DOMINO TILE HORIZONTAL-16-06
39	DOMINO TILE HORIZONTAL-16-07
3A	DOMINO TILE HORIZONTAL-16-08
3B	DOMINO TILE HORIZONTAL-16-09
3C	DOMINO TILE HORIZONTAL-16-10
3D	DOMINO TILE HORIZONTAL-16-11
3E	DOMINO TILE HORIZONTAL-16-12
3F	DOMINO TILE HORIZONTAL-16-13
40	DOMINO TILE HORIZONTAL-16-14
41	DOMINO TILE HORIZONTAL-16-15
42	DOMINO TILE HORIZONTAL-16-16
43	DOMINO TILE HORIZONTAL-16-17
44	DOMINO TILE HORIZONTAL-16-18
45	DOMINO TILE HORIZONTAL-17-00
46	DOMINO TILE HORIZONTAL-17-01
47	DOMINO TILE HORIZONTAL-17-02
48	DOMINO TILE HORIZONTAL-17-03
49	DOMINO TILE HORIZONTAL-17-04
4A	DOMINO TILE HORIZONTAL-17-05
4B	DOMINO TILE HORIZONTAL-17-06
4C	DOMINO TILE HORIZONTAL-17-07
4D	DOMINO TILE HORIZONTAL-17-08
4E	DOMINO TILE HORIZONTAL-17-09
4F	DOMINO TILE HORIZONTAL-17-10
50	DOMINO TILE HORIZONTAL-17-11
51	DOMINO TILE HORIZONTAL-17-12
52	DOMINO TILE HORIZONTAL-17-13
53	DOMINO TILE HORIZONTAL-17-14
54	DOMINO TILE HORIZONTAL-17-15
55	DOMINO TILE HORIZONTAL-17-16
56	DOMINO TILE HORIZONTAL-17-17
57	DOMINO TILE HORIZONTAL-17-18
58	DOMINO TILE HORIZONTAL-18-00

hex	Name
59	DOMINO TILE HORIZONTAL-18-01
5A	DOMINO TILE HORIZONTAL-18-02
5B	DOMINO TILE HORIZONTAL-18-03
5C	DOMINO TILE HORIZONTAL-18-04
5D	DOMINO TILE HORIZONTAL-18-05
5E	DOMINO TILE HORIZONTAL-18-06
5F	DOMINO TILE HORIZONTAL-18-07
60	DOMINO TILE HORIZONTAL-18-08
61	DOMINO TILE HORIZONTAL-18-09
62	DOMINO TILE HORIZONTAL-18-10
63	DOMINO TILE HORIZONTAL-18-11
64	DOMINO TILE HORIZONTAL-18-12
65	DOMINO TILE HORIZONTAL-18-13
66	DOMINO TILE HORIZONTAL-18-14
67	DOMINO TILE HORIZONTAL-18-15
68	DOMINO TILE HORIZONTAL-18-16
69	DOMINO TILE HORIZONTAL-18-17
6A	DOMINO TILE HORIZONTAL-18-18
6B	DOMINO TILE VERTICAL-00-16
6C	DOMINO TILE VERTICAL-00-17
6D	DOMINO TILE VERTICAL-00-18
6E	DOMINO TILE VERTICAL-01-16
6F	DOMINO TILE VERTICAL-01-17
70	DOMINO TILE VERTICAL-01-18
71	DOMINO TILE VERTICAL-02-16
72	DOMINO TILE VERTICAL-02-17
73	DOMINO TILE VERTICAL-02-18
74	DOMINO TILE VERTICAL-03-16
75	DOMINO TILE VERTICAL-03-17
76	DOMINO TILE VERTICAL-03-18
77	DOMINO TILE VERTICAL-04-16
78	DOMINO TILE VERTICAL-04-17
79	DOMINO TILE VERTICAL-04-18
7A	DOMINO TILE VERTICAL-05-16
7B	DOMINO TILE VERTICAL-05-17
7C	DOMINO TILE VERTICAL-05-18
7D	DOMINO TILE VERTICAL-06-16
7E	DOMINO TILE VERTICAL-06-17
7F	DOMINO TILE VERTICAL-06-18

TABLE XX - Row 1FE: GAME SYMBOLS

	1FE8	1FE9	1FEA	1FEB	1FEC	1FED	1FEE	1FEF
0								
1								
2								
3								
4								
5								
6								
7								
8								
9								
A								
B								
C								
D								
E								
F								



























































G = 00
P = 01

TABLE XX - Row 1FE: GAME SYMBOLS

hex	Name
80	DOMINO TILE VERTICAL-07-16
81	DOMINO TILE VERTICAL-07-17
82	DOMINO TILE VERTICAL-07-18
83	DOMINO TILE VERTICAL-08-16
84	DOMINO TILE VERTICAL-08-17
85	DOMINO TILE VERTICAL-08-18
86	DOMINO TILE VERTICAL-09-16
87	DOMINO TILE VERTICAL-09-17
88	DOMINO TILE VERTICAL-09-18
89	DOMINO TILE VERTICAL-10-16
8A	DOMINO TILE VERTICAL-10-17
8B	DOMINO TILE VERTICAL-10-18
8C	DOMINO TILE VERTICAL-11-16
8D	DOMINO TILE VERTICAL-11-17
8E	DOMINO TILE VERTICAL-11-18
8F	DOMINO TILE VERTICAL-12-16
90	DOMINO TILE VERTICAL-12-17
91	DOMINO TILE VERTICAL-12-18
92	DOMINO TILE VERTICAL-13-16
93	DOMINO TILE VERTICAL-13-17
94	DOMINO TILE VERTICAL-13-18
95	DOMINO TILE VERTICAL-14-16
96	DOMINO TILE VERTICAL-14-17
97	DOMINO TILE VERTICAL-14-18
98	DOMINO TILE VERTICAL-15-16
99	DOMINO TILE VERTICAL-15-17
9A	DOMINO TILE VERTICAL-15-18
9B	DOMINO TILE VERTICAL-16-00
9C	DOMINO TILE VERTICAL-16-01
9D	DOMINO TILE VERTICAL-16-02
9E	DOMINO TILE VERTICAL-16-03
9F	DOMINO TILE VERTICAL-16-04
A0	DOMINO TILE VERTICAL-16-05
A1	DOMINO TILE VERTICAL-16-06
A2	DOMINO TILE VERTICAL-16-07
A3	DOMINO TILE VERTICAL-16-08
A4	DOMINO TILE VERTICAL-16-09
A5	DOMINO TILE VERTICAL-16-10
A6	DOMINO TILE VERTICAL-16-11
A7	DOMINO TILE VERTICAL-16-12
A8	DOMINO TILE VERTICAL-16-13
A9	DOMINO TILE VERTICAL-16-14
AA	DOMINO TILE VERTICAL-16-15
AB	DOMINO TILE VERTICAL-16-16
AC	DOMINO TILE VERTICAL-16-17
AD	DOMINO TILE VERTICAL-16-18
AE	DOMINO TILE VERTICAL-17-00
AF	DOMINO TILE VERTICAL-17-01
B0	DOMINO TILE VERTICAL-17-02
B1	DOMINO TILE VERTICAL-17-03
B2	DOMINO TILE VERTICAL-17-04
B3	DOMINO TILE VERTICAL-17-05
B4	DOMINO TILE VERTICAL-17-06
B5	DOMINO TILE VERTICAL-17-07
B6	DOMINO TILE VERTICAL-17-08
B7	DOMINO TILE VERTICAL-17-09
B8	DOMINO TILE VERTICAL-17-10
B9	DOMINO TILE VERTICAL-17-11
BA	DOMINO TILE VERTICAL-17-12
BB	DOMINO TILE VERTICAL-17-13
BC	DOMINO TILE VERTICAL-17-14
BD	DOMINO TILE VERTICAL-17-15
BE	DOMINO TILE VERTICAL-17-16
BF	DOMINO TILE VERTICAL-17-17
C0	DOMINO TILE VERTICAL-17-18
C1	DOMINO TILE VERTICAL-18-00
C2	DOMINO TILE VERTICAL-18-01
C3	DOMINO TILE VERTICAL-18-02
C4	DOMINO TILE VERTICAL-18-03
C5	DOMINO TILE VERTICAL-18-04
C6	DOMINO TILE VERTICAL-18-05
C7	DOMINO TILE VERTICAL-18-06
C8	DOMINO TILE VERTICAL-18-07
C9	DOMINO TILE VERTICAL-18-08
CA	DOMINO TILE VERTICAL-18-09
CB	DOMINO TILE VERTICAL-18-10
CC	DOMINO TILE VERTICAL-18-11
CD	DOMINO TILE VERTICAL-18-12
CE	DOMINO TILE VERTICAL-18-13
CF	DOMINO TILE VERTICAL-18-14
D0	DOMINO TILE VERTICAL-18-15
D1	DOMINO TILE VERTICAL-18-16
D2	DOMINO TILE VERTICAL-18-17
D3	DOMINO TILE VERTICAL-18-18
D4	(This position shall not be used)
D5	(This position shall not be used)
D6	(This position shall not be used)
D7	(This position shall not be used)
D8	(This position shall not be used)

hex	Name
D9	(This position shall not be used)
DA	(This position shall not be used)
DB	(This position shall not be used)
DC	(This position shall not be used)
DD	(This position shall not be used)
DE	(This position shall not be used)
DF	(This position shall not be used)
E0	(This position shall not be used)
E1	(This position shall not be used)
E2	(This position shall not be used)
E3	(This position shall not be used)
E4	(This position shall not be used)
E5	(This position shall not be used)
E6	(This position shall not be used)
E7	(This position shall not be used)
E8	(This position shall not be used)
E9	(This position shall not be used)
EA	(This position shall not be used)
EB	(This position shall not be used)
EC	(This position shall not be used)
ED	(This position shall not be used)
EE	(This position shall not be used)
EF	(This position shall not be used)
F0	(This position shall not be used)
F1	(This position shall not be used)
F2	(This position shall not be used)
F3	(This position shall not be used)
F4	(This position shall not be used)
F5	(This position shall not be used)
F6	(This position shall not be used)
F7	(This position shall not be used)
F8	(This position shall not be used)
F9	(This position shall not be used)
FA	(This position shall not be used)
FB	(This position shall not be used)
FC	(This position shall not be used)
FD	(This position shall not be used)
FE	(This position shall not be used)
FF	(This position shall not be used)

TABLE XX - Row 1FF: GAME SYMBOLS

	1FF0	1FF1	1FF2	1FF3	1FF4	1FF5	1FF6	1FF7
0								
1								
2								
3								
4								
5								
6								
7								
8								
9								
A								
B								
C								
D								
E								
F								

G = 00
P = 01

TABLE XX - Row 1FF: GAME SYMBOLS

hex	Name
00	PLAYING CARD BACK
01	PLAYING CARD ACE OF SPADES
02	PLAYING CARD TWO OF SPADES
03	PLAYING CARD THREE OF SPADES
04	PLAYING CARD FOUR OF SPADES
05	PLAYING CARD FIVE OF SPADES
06	PLAYING CARD SIX OF SPADES
07	PLAYING CARD SEVEN OF SPADES
08	PLAYING CARD EIGHT OF SPADES
09	PLAYING CARD NINE OF SPADES
0A	PLAYING CARD TEN OF SPADES
0B	PLAYING CARD KNIGHT OF SPADES
0C	PLAYING CARD QUEEN OF SPADES
0D	PLAYING CARD KING OF SPADES
0E	PLAYING CARD ACE OF HEARTS
0F	PLAYING CARD TWO OF HEARTS
10	PLAYING CARD THREE OF HEARTS
11	PLAYING CARD FOUR OF HEARTS
12	PLAYING CARD FIVE OF HEARTS
13	PLAYING CARD SIX OF HEARTS
14	PLAYING CARD SEVEN OF HEARTS
15	PLAYING CARD EIGHT OF HEARTS
16	PLAYING CARD NINE OF HEARTS
17	PLAYING CARD TEN OF HEARTS
18	PLAYING CARD KNIGHT OF HEARTS
19	PLAYING CARD QUEEN OF HEARTS
1A	PLAYING CARD KING OF HEARTS
1B	PLAYING CARD ACE OF DIAMONDS
1C	PLAYING CARD TWO OF DIAMONDS
1D	PLAYING CARD THREE OF DIAMONDS
1E	PLAYING CARD FOUR OF DIAMONDS
1F	PLAYING CARD FIVE OF DIAMONDS
20	PLAYING CARD SIX OF DIAMONDS
21	PLAYING CARD SEVEN OF DIAMONDS
22	PLAYING CARD EIGHT OF DIAMONDS
23	PLAYING CARD NINE OF DIAMONDS
24	PLAYING CARD TEN OF DIAMONDS
25	PLAYING CARD KNIGHT OF DIAMONDS
26	PLAYING CARD QUEEN OF DIAMONDS
27	PLAYING CARD KING OF DIAMONDS
28	PLAYING CARD ACE OF CLUBS
29	PLAYING CARD TWO OF CLUBS
2A	PLAYING CARD THREE OF CLUBS
2B	PLAYING CARD FOUR OF CLUBS
2C	PLAYING CARD FIVE OF CLUBS
2D	PLAYING CARD SIX OF CLUBS
2E	PLAYING CARD SEVEN OF CLUBS
2F	PLAYING CARD EIGHT OF CLUBS
30	PLAYING CARD NINE OF CLUBS
31	PLAYING CARD TEN OF CLUBS
32	PLAYING CARD KNIGHT OF CLUBS
33	PLAYING CARD QUEEN OF CLUBS
34	PLAYING CARD KING OF CLUBS
35	PLAYING CARD JOKER
36	WHITE DRAUGHTS MAN
37	WHITE DRAUGHTS KING
38	BLACK DRAUGHTS MAN
39	BLACK DRAUGHTS KING
3A	(This position shall not be used)
3B	(This position shall not be used)
3C	(This position shall not be used)
3D	(This position shall not be used)
3E	(This position shall not be used)
3F	(This position shall not be used)
40	(This position shall not be used)
41	(This position shall not be used)
42	(This position shall not be used)
43	(This position shall not be used)
44	(This position shall not be used)
45	(This position shall not be used)
46	(This position shall not be used)
47	(This position shall not be used)
48	(This position shall not be used)
49	(This position shall not be used)
4A	(This position shall not be used)
4B	(This position shall not be used)
4C	(This position shall not be used)
4D	(This position shall not be used)
4E	(This position shall not be used)
4F	(This position shall not be used)
50	(This position shall not be used)
51	(This position shall not be used)
52	(This position shall not be used)
53	(This position shall not be used)
54	(This position shall not be used)
55	(This position shall not be used)
56	(This position shall not be used)
57	(This position shall not be used)
58	(This position shall not be used)

hex	Name
59	(This position shall not be used)
5A	(This position shall not be used)
5B	(This position shall not be used)
5C	(This position shall not be used)
5D	(This position shall not be used)
5E	(This position shall not be used)
5F	(This position shall not be used)
60	(This position shall not be used)
61	(This position shall not be used)
62	(This position shall not be used)
63	(This position shall not be used)
64	(This position shall not be used)
65	(This position shall not be used)
66	(This position shall not be used)
67	(This position shall not be used)
68	(This position shall not be used)
69	(This position shall not be used)
6A	(This position shall not be used)
6B	(This position shall not be used)
6C	(This position shall not be used)
6D	(This position shall not be used)
6E	(This position shall not be used)
6F	(This position shall not be used)
70	(This position shall not be used)
71	(This position shall not be used)
72	(This position shall not be used)
73	(This position shall not be used)
74	(This position shall not be used)
75	(This position shall not be used)
76	(This position shall not be used)
77	(This position shall not be used)
78	(This position shall not be used)
79	(This position shall not be used)
7A	(This position shall not be used)
7B	(This position shall not be used)
7C	(This position shall not be used)
7D	(This position shall not be used)
7E	(This position shall not be used)
7F	(This position shall not be used)